

# COLLEGE OF ARTS AND SCIENCES

## College Administration

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Welcome to the College of Arts & Sciences at Oklahoma State University. From cutting-edge research in the sciences to original displays of creativity in the arts, this college is the core of the university's vibrant academic and cultural community. Our outstanding faculty, staff and fellow students work together to provide an exceptional learning experience for our majors and graduate students. Arts & Sciences degrees focus on developing our students' capabilities in inquiry based learning, critical thinking, problem solving, and written communication. Each degree and associated co-curricular programs prepare our students for the dynamic careers they will soon enter.

The College of Arts and Sciences not only offers a wide variety of programs in teaching, research and outreach, but also supports and reinforces all the other programs of the University. Apart from strong programs in the natural and social sciences and in the liberal and fine arts, the College provides a number of more specialized and interdisciplinary strengths and a variety of professional and pre-professional training.

## Scholarships

A number of undergraduate scholarships are available through the College and through the departments and schools within the College. Visit [cas.okstate.edu/scholarships](https://cas.okstate.edu/scholarships/) (<https://cas.okstate.edu/scholarships/>) for more information. Arts and Sciences students are also encouraged to apply for the variety of scholarships available through the University's Office of Scholarships and Financial Aid.

## Student Success Center

The Arts and Sciences Student Success Center includes resources and support services for students.

## Student Academic Services

The academic advising process in Arts and Sciences is coordinated by Student Academic Services. The advising staff in Student Academic Services advises freshmen and undecided students. Departmental advisors provide advising for students who have declared their majors.

The general education program in the College of Arts and Sciences allows undecided freshmen to make progress toward most degrees for up to three semesters, while exploring possible fields of study with an academic advisor. The responsibility for satisfying all requirements for a degree and for ensuring that a degree plan has been submitted rests with the student. advisors assist students in curriculum planning, and students are encouraged to consult fully with their advisors.

The Student Academic Services staff represents the College in the University's recruiting activities and represents the dean in such matters as petitions for excessive hours, change of major or college, and student withdrawals. Services also include graduation certification, information about college programs and requirements, and referral of A&S students to campus support services.

More information and resources are available at [cas.okstate.edu](https://cas.okstate.edu) (<https://cas.okstate.edu>).

## Career Services

The primary goal of A&S Career Services is to promote academic excellence to enhance career planning and lifelong success. Services offered include career counseling, job and internship search strategies, and assistance with preparation of resumes and cover letters. Presentations on a wide-range of career-related topics are offered to classes and clubs. More information and resources are available at <https://cas.okstate.edu/advising/resources.html>.

## Outreach

The mission of A&S Outreach is to extend intellectual resources, disseminate knowledge to learners at any time and any place, and provide lifelong learning opportunities. This is accomplished through offering high school and collegiate distance learning courses, international credit courses, and field trip courses. Outreach also coordinates academic conferences, industry workshops and seminars, and cultural outreach opportunities. More information and resources are available at [cas.okstate.edu/outreach](https://cas.okstate.edu/outreach/) (<https://cas.okstate.edu/outreach/>).

## Academic Programs

### Undergraduate Programs

Requirements for all degree programs and options are detailed in Undergraduate Degree Requirements Sheets available online at [registrar.okstate.edu/Degree-Requirements](https://registrar.okstate.edu/Degree-Requirements) (<https://registrar.okstate.edu/Degree-Requirements/>).

### Graduate Programs

Requirements for master's and doctoral degrees are detailed on the Graduate College website at [gradcollege.okstate.edu/programs/listing-by-degree.html](https://gradcollege.okstate.edu/programs/listing-by-degree.html) (<https://gradcollege.okstate.edu/programs/listing-by-degree.html>).

## Special Academic Programs

### The Honors College

The College of Arts and Sciences has offered honors courses since the 1960s and has the greatest number of students and faculty participating in The Honors College at Oklahoma State University. The Honors College provides outstanding students with the opportunity to study, conduct research and interact with faculty and other honors students in a variety of settings designed to assist talented students who seek to make the most of their educational opportunities. Honors sections of many general education courses allow participating students the benefits

of small classes taught by experienced members of the faculty, thus combining the extensive resources of a major comprehensive university with personal faculty attention to each student. Special honors seminars provide coverage of topical issues each semester in formats that encourage the exchange of ideas through discussion and writing. Honors seniors complete the requirements of The Honors College by undertaking a senior honors thesis (or similar creative activity), and honors seniors also may earn honors credit by enrollment in graduate seminars.

For eligibility requirements, visit The Honors College website at [honors.okstate.edu](http://honors.okstate.edu) (<http://honors.okstate.edu>).

## OSUTeach and Secondary Teacher Certification (grades 6-12)

Students earning a degree in Biological Science, Chemistry, Geology, Mathematics or Physics may participate in the OSUTeach program by selecting a degree option in secondary teacher certification. OSUTeach offers four-year degree, which lead to a B.S. in the selected discipline and teacher certification at the secondary level. OSUTeach is a collaboration between the College of Education and the College of Arts and Sciences. OSUTeach students begin supervised teaching in K-12 classrooms during their first semester in the program and continue these field experiences throughout their coursework, which culminates with apprentice teaching.

Students earning degrees in other majors in the College of Arts and Sciences can also satisfy the requirements for secondary teacher certification by completing certain courses and other requirements. Interested students should see their Arts and Sciences advisor and the OSU Professional Education Unit in the College of Education in room 325 Willard as soon as possible for more information. Students who plan to complete the requirements for certification should apply for admission to professional education immediately in order to incorporate certification requirements into their plan of study. OSU Professional Education recommends a candidate for certification to the State Department of Education when the candidate has successfully completed all requirements. See the Professional Education section of the catalog for more information.

## Pre-professional Programs in the Health Professions

Pre-medicine, Pre-dentistry, Pre-optometry, Pre-pharmacy, Pre-chiropractic and Pre-veterinary Medicine.

The pre-professional curricula for physicians, dentists, podiatrists, optometrists, pharmacists, chiropractors and veterinarians have the same basic core because they must prepare students for professional schools whose admission requirements are almost identical. These include a strong foundation in math, chemistry, physics and biology, the disciplines on which major advances in the health field depend. Included also are courses to develop written and spoken communication skills, which are highly important for a good relationship with patients, the public and other professionals.

Beyond this required core, pre-professional students may choose courses and a major as freely as any other students in the College of Arts and Sciences. Medical schools encourage study in the social sciences and humanities that contributes to the understanding of human beings in their entirety—their history and environment, their attitudes and values, their emotions, motivations, interpersonal relationships and cultural heritage. All of these may affect sickness and health.

The specific admission requirements of medical, dental and veterinary schools are available at [universitycollege.okstate.edu/preprofessional/prehealth/index.html](http://universitycollege.okstate.edu/preprofessional/prehealth/index.html) (<https://universitycollege.okstate.edu/>

[preprofessional/prehealth/](http://universitycollege.okstate.edu/preprofessional/prehealth/)) and in the Pre-health Advising office. The OSU pre-medical and pre-veterinary course requirements are listed in the "College of Veterinary Medicine" and the "Center for Health Sciences" sections of the Catalog. Students whose goal is admission to medical, dental, podiatry, optometry, pharmacy or veterinary programs should consult with their academic advisor.

## Allied Health Professions

The allied health professions for which one can prepare at Oklahoma State University include dental hygiene, nursing, occupational therapy, physical therapy, physician's associate and medical imaging and radiation sciences. The College of Arts and Sciences offers the general education and basic science courses that a student must complete before he or she can be accepted into a professional program. Competitive students may be accepted into these programs after completing 60-90 hours of course work, depending on the health profession. Students whose goal is admission to a professional program in the allied health professions should visit [universitycollege.okstate.edu/preprofessional/prehealth/index.html](http://universitycollege.okstate.edu/preprofessional/prehealth/index.html) (<https://universitycollege.okstate.edu/preprofessional/prehealth/>) for information regarding the specific requirements of particular programs and schools and consult with their academic advisor.

## Pre-Law Preparation

Law schools have no single preference for a specific undergraduate major. Admission to law school is primarily based on a strong record achieved in a rigorous undergraduate program and a competitive score on the Law School Admission Test (LSAT). Other admission considerations include course of study and difficulty of curriculum; letters of recommendation; work and leadership experiences; and applicant's background and motivation as revealed in an application essay.

Law school admissions officers most frequently recommend students include in their undergraduate programs courses which develop strong reading, writing and critical thinking skills as these verbal and analytical abilities are particularly critical for success in law school.

Students whose goal is admission to law school should visit [universitycollege.okstate.edu/preprofessional/prelaw/index.html](http://universitycollege.okstate.edu/preprofessional/prelaw/index.html) (<https://universitycollege.okstate.edu/preprofessional/prelaw/>) and consult with their academic advisor.

## Student Organizations and Honor Societies

The Arts & Sciences Student Council serves as the voice of the undergraduate students in the College of Arts & Sciences. As the liaison between the students and the faculty, the Council's primary goal is to foster an atmosphere of learning that places students first. Through student programming, interaction with administration and faculty, and the promotion of the College's student organizations, the Council strives to enrich the experience of Arts & Sciences students. The Council also stresses service to the University and to the surrounding community. A complete listing of Student Organizations is available through the OSU Office of Leadership and Campus Life at <https://campuslink.okstate.edu/>.

## Academic Areas

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- American Studies (p. 964)
- Art, Graphic Design and Art History (p. 1001)

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- Communication Sciences and Disorders (p. 1071)
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- Microbiology and Molecular Genetics (p. 1490)
- Military Science (p. 1511)
- Multidisciplinary Studies (p. 1525)
- Music (p. 1544)
- Philosophy (p. 1589)
- Physics (p. 1618)
- Plant Biology, Ecology, and Evolution (p. 1638)
- Political Science (p. 1663)
- Psychology (p. 1709)
- Religious Studies (p. 1751)
- Sociology (p. 1755)
- Statistics (p. 1813)
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- Chemistry: Departmental Degree, BS (p. 1058)
- Chemistry: Pre-Health/Pre-Law, BS (p. 1061)
- Chemistry: Secondary Teacher Certification, BS (p. 1064)
- Communication Sciences and Disorders, BS (p. 1077)
- Computer Science, BS (p. 1097)
- Economics (Two Options), BA (p. 1112)
- Economics, BS (p. 1115)
- Economics: Pre-Dental, BS (p. 1118)
- Economics: Pre-Medical, BS (p. 1120)
- Economics: Pre-Veterinary, BS (p. 1122)
- English, BA (p. 1143)
- English: Creative Writing, BA (p. 1146)
- English: Pre-Law, BA (p. 1149)
- English: Professional Writing, BA (p. 1152)
- English: Screen Studies, BA (p. 1155)
- Environmental Geoscience, BS (p. 1242)
- French, BA (p. 1367)
- French: Business Essentials, BA (p. 1370)
- French: Pre-Law, BA (p. 1373)
- Geography, BA (p. 1191)
- Geography, BS (p. 1194)
- Geography: Business Essentials, BA (p. 1197)
- Geography: Business Essentials, BS (p. 1200)
- Geography: Pre-Law, BA (p. 1203)
- Geography: Pre-Ministry, BA (p. 1206)
- Geology, BS (p. 1244)
- Geology: Business Essentials, BS (p. 1247)
- Geology: Environmental Geology, BS (p. 1250)
- Geology: Petroleum Geology, BS (p. 1253)
- Geology: Pre-Law, BS (p. 1256)
- Geology: Secondary Teacher Certification, BS (p. 1259)
- Geophysics, BS (p. 1263)
- Geospatial Information Science, BS (p. 1209)
- German, BA (p. 1377)
- German: Business Essentials, BA (p. 1380)
- German: Pre-Law, BA (p. 1383)
- Global Studies, BA (p. 1214)
- Global Studies: Business Essentials, BA (p. 1218)
- Global Studies: Pre-Law, BA (p. 1222)
- Global Studies: Pre-Ministry, BA (p. 1225)
- History, BA (p. 1285)
- History: Business Essentials, BA (p. 1289)
- History: Pre-Law, BA (p. 1293)
- Mathematics, BA (p. 1420)
- Mathematics, BS (p. 1423)
- Mathematics: Actuarial and Financial Mathematics, BS (p. 1427)
- Mathematics: Applied Mathematics, BS (p. 1430)
- Mathematics: Pre-Law, BS (p. 1434)
- Mathematics: Pre-Medical Sciences, BS (p. 1437)
- Mathematics: Secondary Teacher Certification, BS (p. 1440)
- Medicinal and Biophysical Chemistry, BS (p. 1067)
- Microbiology/Cell & Molecular Biology, BS (p. 1502)

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- American Sign Language Studies, BA (p. 1362)
- American Studies, BA (p. 970)
- American Studies, BS (p. 974)
- American Studies: American Indian Studies, BA (p. 978)
- American Studies: American Indian Studies, BS (p. 982)
- American Studies: Business Essentials, BA (p. 986)
- American Studies: Business Essentials, BS (p. 990)
- American Studies: Pre-Law, BA (p. 994)
- American Studies: Pre-Law, BS (p. 997)
- Art: Art History, BA (p. 1019)
- Art: Graphic Design, BFA (p. 1023)
- Art: Studio Art, BA (p. 1027)
- Art: Studio, BFA (p. 1031)
- Arts Administration, BA (p. 1848)
- Biochemistry, BS (p. 1052)
- Biology, BS (p. 1309)
- Biology: Allied Health, BS (p. 1312)
- Biology: Environmental Biology, BS (p. 1315)
- Biology: Pre-Medical Sciences, BS (p. 1318)
- Biology: Secondary Teacher Certification, BS (p. 1321)
- Chemistry (Approved by the American Chemical Society), BS (p. 1055)

- Microbiology/Cell & Molecular Biology: Medical Laboratory Science, BS (p. 1505)
- Microbiology/Cell & Molecular Biology: Pre-Medical Professional, BS (p. 1508)
- Multidisciplinary Studies, BA (p. 1526)
- Multidisciplinary Studies, BS (p. 1529)
- Multidisciplinary Studies: Business Essentials, BA (p. 1532)
- Multidisciplinary Studies: Business Essentials, BS (p. 1535)
- Multidisciplinary Studies: Pre-Law, BA (p. 1538)
- Multidisciplinary Studies: Pre-Law, BS (p. 1541)
- Multimedia Journalism, BA (p. 1460)
- Multimedia Journalism, BS (p. 1463)
- Music Education: Instrumental/Vocal Certification, BM (p. 1571)
- Music Industry, BS (p. 1575)
- Music, BA (p. 1578)
- Music: Jazz Performance, BM (p. 1581)
- Music: Music Composition, BA (p. 1583)
- Music: Performance, BM (p. 1585)
- Musical Theatre, BFA (p. 1852)
- Philosophy, BA (p. 1604)
- Philosophy: Ethics and Business Essentials, BA (p. 1607)
- Philosophy: Ethics and Public Policy, BA (p. 1610)
- Philosophy: Pre-Law, BA (p. 1612)
- Philosophy: Pre-Ministry, BA (p. 1615)
- Physics, BS (p. 1629)
- Physics: Applied Physics, BS (p. 1632)
- Physics: Secondary Teacher Certification, BS (p. 1635)
- Physiology, BS (p. 1324)
- Physiology: Pre-Medical Sciences, BS (p. 1327)
- Plant Biology, BS (p. 1645)
- Plant Biology: Cell Biology and Molecular Genetics, BS (p. 1648)
- Plant Biology: Ecology and Evolutionary Biology, BS (p. 1651)
- Plant Biology: Pre-Forensics, BS (p. 1654)
- Plant Biology: Pre-Law Environmental Policy, BS (p. 1657)
- Plant Biology: Pre-Pharmacy, BS (p. 1660)
- Political Science, BA (p. 1681)
- Political Science, BS (p. 1684)
- Political Science: Global Politics, BA (p. 1687)
- Political Science: Global Politics, BS (p. 1690)
- Political Science: Practical Politics - Campaigning, Lobbying and Policymaking, BA (p. 1693)
- Political Science: Practical Politics - Campaigning, Lobbying and Policymaking, BS (p. 1696)
- Political Science: Pre-Law, BA (p. 1699)
- Political Science: Pre-Law, BS (p. 1702)
- Political Science: Public Policy, BA (p. 1705)
- Political Science: Public Policy, BS (p. 1707)
- Psychology, BA (p. 1726)
- Psychology, BS (p. 1730)
- Psychology: Business Essentials, BA (p. 1733)
- Psychology: Pre-Law, BA (p. 1736)
- Psychology: Pre-Med, BS (p. 1740)
- Psychology: Pre-Occupational Therapy, BS (p. 1744)
- Psychology: Pre-Physical Therapy, BS (p. 1747)
- Sociology, BA (p. 1771)
- Sociology, BS (p. 1774)
- Sociology: Anthropology, BA (p. 1777)
- Sociology: Anthropology, BS (p. 1780)
- Sociology: Applied Sociology, BA (p. 1783)
- Sociology: Applied Sociology, BS (p. 1786)
- Sociology: Criminology and Criminal Justice, BA (p. 1789)
- Sociology: Criminology and Criminal Justice, BS (p. 1792)
- Sociology: Environment and Society, BA (p. 1795)
- Sociology: Environment and Society, BS (p. 1798)
- Sociology: Pre-Law, BS (p. 1801)
- Sociology: Pre-Medical Science, BS (p. 1804)
- Sociology: Social Services, BA (p. 1807)
- Sociology: Social Services, BS (p. 1810)
- Spanish, BA (p. 1393)
- Spanish: Business Essentials, BA (p. 1396)
- Spanish: Pre-Law, BA (p. 1399)
- Sports Media, BA (p. 1466)
- Sports Media, BS (p. 1469)
- Statistics, BS (p. 1824)
- Statistics: Actuarial Science, BS (p. 1827)
- Statistics: Business Essentials, BS (p. 1830)
- Statistics: Data Science, BS (p. 1833)
- Strategic Communication: Advertising and Public Relations, BA (p. 1472)
- Strategic Communication: Advertising and Public Relations, BS (p. 1475)
- Strategic Communication: Entertainment Media, BA (p. 1478)
- Strategic Communication: Entertainment Media, BS (p. 1481)
- Strategic Communication: Social Media, BA (p. 1484)
- Strategic Communication: Social Media, BS (p. 1487)
- Theatre, BA (p. 1855)
- Zoology, BS (p. 1331)
- Zoology: Ecology and Conservation Biology, BS (p. 1334)
- Zoology: Pre-Medical Sciences, BS (p. 1337)
- Zoology: Pre-Veterinary Sciences, BS (p. 1340)
- Zoology: Secondary Teacher Certification, BS (p. 1343)

## Certificates

### Undergraduate Certificates

- Communication Sciences and Disorders, Undergraduate Certificate (p. 1081)
- Digital Studies, Undergraduate Certificate (p. 1038)
- Environmental Studies, Undergraduate Certificate (p. 1187)
- eSports, Undergraduate Certificate (p. 1039)
- Geographic Information Systems, Certificate (p. 1188)
- Pre-Health Care Administration, Undergraduate Certificate (p. 1040)
- Pre-Medical Sciences, Undergraduate Certificate (p. 1041)
- Professional Spanish, Undergraduate Certificate (p. 1390)



- Teaching English to Speakers of Other Languages, Undergraduate Certificate (p. 1161)
- Undergraduate Research, Undergraduate Certificate (p. 938)

## Minors

- Actuarial Science (ACSC), Minor (p. 1418)
- Aerospace Studies (AERO), Minor (p. 963)
- Africana Studies (AFAM), Minor (p. 1515)
- American Indian Studies (AMIS), Minor (p. 1516)
- American Sign Language (ASL), Minor (p. 1361)
- American Studies (AMST), Minor (p. 969)
- Ancient and Medieval Studies (AAMS), Minor (p. 1283)
- Anthropology (ANTH), Minor (p. 1767)
- Applied Computer Programming (APCP), Minor (p. 1094)
- Applied Music (APMU), Minor (p. 1567)
- Applied Statistics (APST), Minor (p. 1821)
- Arabic (ARB), Minor (p. 1364)
- Art History (ARTH), Minor (p. 1018)
- Arts Administration (AADM), Minor (p. 1847)
- Asian Studies (ASTD), Minor (p. 1517)
- Biology (BIO), Minor (p. 1308)
- Campaigns and Lobbying (CAML), Minor (p. 1676)
- Central Asian Studies (CAST), Minor (p. 1518)
- Chemistry (CHEM), Minor (p. 1070)
- Chinese (CHIN), Minor (p. 1365)
- Classical Studies (CLST), Minor (p. 1519)
- Cognitive Science (CSCI), Minor (p. 1722)
- Communication Sciences and Disorders (CDIS), Minor (p. 1080)
- Communication Studies (CMST), Minor (p. 1723)
- Computer Science (CS), Minor (p. 1096)
- Creative Writing (CRWR), Minor (p. 1141)
- Criminology and Criminal Justice (CRCJ), Minor (p. 1768)
- Dance (DANC), Minor (p. 1851)
- Economics (Arts and Sciences) (ECAS), Minor (p. 1111)
- English (ENGL), Minor (p. 1142)
- Ethics (ETHC), Minor (p. 1602)
- European Studies (EUST), Minor (p. 1520)
- French (FREN), Minor (p. 1366)
- Gender, Women's and Sexuality Studies (GWS), Minor (p. 1166)
- Geography (GEOG), Minor (p. 1189)
- Geology (GEOL), Minor (p. 1262)
- Geophysics (GPHY), Minor (p. 1266)
- Geospatial Information Technologies (GSIT), Minor (p. 1212)
- German (GRMN), Minor (p. 1376)
- Global Studies (GLST), Minor (p. 1213)
- Greek (GREK), Minor (p. 1386)
- Hispanic and Latin American Studies (HLAS), Minor (p. 1522)
- History (HIST), Minor (p. 1284)
- Intelligence and Security Analysis (INSA), Minor (p. 1677)
- Japanese (JPN), Minor (p. 1387)
- Jazz (JAZZ), Minor (p. 1568)
- Latin (LATN), Minor (p. 1388)
- Law and Legal Studies (LLS), Minor (p. 1678)
- Linguistics (LING), Minor (p. 1158)
- Mathematics (MATH), Minor (p. 1419)
- Microbiology (MICR), Minor (p. 1501)
- Middle East Studies (MES), Minor (p. 1523)
- Military Science (MLSC), Minor (p. 1513)
- Music (MUSI), Minor (p. 1569)
- Music Composition and Theory (MUCT), Minor (p. 1570)
- Neuroscience (NEUR), Minor (p. 1724)
- Philosophy (PHIL), Minor (p. 1603)
- Physics (PHYS), Minor (p. 1628)
- Plant Biology (PLB), Minor (p. 1644)
- Political Science (POLS), Minor (p. 1679)
- Pre-Art Therapy (PART), Minor (p. 1035)
- Professional Chinese (PRCH), Minor (p. 1389)
- Professional Writing (PRWR), Minor (p. 1159)
- Psychology (PSYC), Minor (p. 1725)
- Religious Studies (REL), Minor (p. 1754)
- Russian (RUSS), Minor (p. 1391)
- Russian and East European Studies (REES), Minor (p. 1524)
- Screen Studies (SCST), Minor (p. 1160)
- Social Justice (SOJU), Minor (p. 1769)
- Sociology (SOC), Minor (p. 1770)
- Spanish (SPAN), Minor (p. 1392)
- Speech Communication (SPCH), Minor (p. 1750)
- Statistical Data Science (SDSC), Minor (p. 1822)
- Statistics (STAT), Minor (p. 1823)
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- Truth and Reconciliation in the Americas (TRRA), Minor (p. 1000)
- Zoology (ZOO), Minor (p. 1330)

## Graduate Programs

Twenty-five master's degrees are offered in the College along with 15 doctoral degrees. For details, see the departmental entries that follow or consult the "Graduate College" section in the Catalog.

- Applied Mathematics, MS (p. 1417)
- Applied Statistics, MS (p. 1820)
- Art History, MA (p. 1016)
- Chemistry, MS/PhD (p. 1050)
- Communication Sciences and Disorders, MS (p. 1075)
- Computer Science, MS/PhD (p. 1092)
- Creative Writing, MFA (p. 1139)
- English, MA/PhD (p. 1139)
- Geography, MS/PhD (p. 1186)
- Geology, MS/PhD (p. 1241)
- Graphic Design, MFA (p. 1016)
- History, PhD (p. 1281)
- Integrative Biology, MS/PhD (p. 1307)
- Mass Communication, MS (p. 1458)
- Mathematics, MS/PhD (p. 1417)
- Medical Physics, MS (p. 1626)

- Microbiology/Cell and Molecular Biology, MS/PhD (p. 1499)
- Music: Applied Music, MM (p. 1566)
- Music: Conducting, MM (p. 1566)
- Optics and Photonics, MS (p. 1626)
- Philosophy, MA (p. 1601)
- Physics, MS/PhD (p. 1626)
- Plant Biology, MS (p. 1643)
- Political Science: Public Policy and Administration, MA (p. 1675)
- Professional Writing, MA (p. 1139)
- Psychology, MS (p. 1721)
- Psychology: Clinical, PhD (p. 1721)
- Psychology: Experimental Psychology, PhD (p. 1721)
- Public History, MA (p. 1281)
- Sociology, MS/PhD (p. 1765)
- Statistics, MS/PhD (p. 1820)
- Teaching English as a Second Language (TESL), MA (p. 1139)
- Theatre, MA (p. 1844)

## Aerospace Studies

Air Force Reserve Officer Training Corps (AFROTC) is an outstanding opportunity to commission as a United States Air Force or United States Space Force Officer. Through this program, you will hone your leadership, time-management and analytical skills, while also improving your physical fitness. If you meet military and academic requirements, at the completion of this program you will commission as a Second Lieutenant in the Air Force or, depending on your career field, the Space Force. From there you will have the opportunity to see the world and lead people in diverse career fields ranging from pilot, navigator, doctor, lawyer, program manager, space or nuclear operations, and many more. No matter your degree or life ambitions, there may be a place for you in the United States Air and Space Forces.

Students complete one credit hour of basic Aerospace Studies each semester during their freshman and sophomore years. These credits consist of one lecture hour and two hours of leadership laboratory per week, providing an understanding of United States Air Force structure, history, procedures, military customs and courtesies, and military uniform wear. Students also attend two hours of fitness training each week in order to maintain physical fitness and meet fitness test requirements. Unless receiving scholarship through AFROTC, students are under no military obligation throughout this time. Students with an AFROTC scholarship receive \$250-\$300 per month subsistence allowance during their first two years at OSU.

Students are required to meet academic and military retention standards in order to compete for the opportunity to attend Field Training following their sophomore year. Successful completion of Field Training qualifies them to enter the Professional Officer Corps (POC) as an upper classman. Upon entering the POC, students will complete 12 credit hours of Aerospace Studies during their junior and senior years. These credits consist of three lecture hours, two hours of leadership laboratory and two hours of fitness training per week, each semester. The POC provides students with increased leadership opportunities within the cadet wing, preparing them for commissioning as a second lieutenant at the end of their senior year. Additionally, all POC cadets receive \$450-\$500 per month subsistence allowance.

Furthermore, all students have the opportunity to participate in various cadet wing-sponsored extracurricular activities throughout their AFROTC career. These include visits to active Air Force installations to gain first-hand knowledge of the duties of junior Air Force officers, often including incentive flights in USAF aircraft!

Multiple scholarships are available for competitive applicants; from Air Force ROTC-funded, in#college scholarships, to a four-year, no less than \$2,000 per-year OSU Incentive Scholarship for the top students in each class year, and in-state tuition for out-of-state cadets in good standing, with intent to earn their military commission.

AFROTC is available to undergraduate and graduate students with at least three years remaining at OSU. To get started as a freshman during the Fall semester simply register for the AERO1111 class and during the summer you'll be contacted about orientation events. Orientation typically takes place the Thursday or Friday prior to the start of the Fall semester. If you're not a freshman please contact Detachment 670 for specific information on how to get started and how your path will be slightly different.

For more information or if this program interests you, please contact Detachment 670 at 405#744-7744 or afrotc@okstate.edu.

## Courses

### AERO 1111 United States Air Force Heritage and Values I

**Description:** This course provides an introduction to the Air Force, hopefully encouraging students to pursue an AF career or at least seek additional information to be better informed about the role of the USAF. The course allows students to examine general aspects of the Department of the Air Force, AF Leadership, Air Force benefits, and opportunities for AF officers. The course also lays the foundation for becoming an Airman by outlining our heritage and values. As a foundational course, AERO 1111 also provides a historical perspective such as lessons on war and US military, AF operations, principles of war, and airpower (see the complete lesson list below). As a whole, this course provides students with a knowledge-level understanding for the employment of air and space power, from an institutional, doctrinal, and historical perspective. The students will be introduced to the Air Force way of life and gain knowledge on what it means to be an Airman.

**Credit hours:** 1

**Contact hours:** Lecture: 1 Lab: 2 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lab, Lecture, Combined lecture and lab

**Department/School:** Aerospace Studies

### AERO 1211 United States Air Force Heritage and Values II

**Description:** Continuation of the knowledge-level instruction of the employment of air and space power, from an institutional, doctrinal, and historical perspective. The students will be introduced to the Air Force way of life and gain knowledge on what it means to be an Airman.

**Credit hours:** 1

**Contact hours:** Lecture: 1 Lab: 2 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lab, Lecture, Combined lecture and lab

**Department/School:** Aerospace Studies

### AERO 2111 Team and Leadership Fundamentals I

**Description:** This course is designed to provide a fundamental understanding of both leadership and team building. Topics include listening, understanding themselves, being a good follower and problem solving efficiently. The students will apply these leadership perspectives when completing team building activities and discussing things like conflict management. Cadets will apply these lessons at Field Training, which follows the AS200 year.

**Credit hours:** 1

**Contact hours:** Lecture: 1 Lab: 2 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lab, Lecture, Combined lecture and lab

**Department/School:** Aerospace Studies

### AERO 2211 Team and Leadership Fundamentals II

**Description:** This course builds on the fundamental understanding of both leadership and team building. Topics include listening, understanding themselves, being a good follower and problem solving efficiently. The students will apply these leadership perspectives when completing team building activities and discussing things like conflict management. Cadets will apply these lessons at Field Training, which follows the AS200 year.

**Credit hours:** 1

**Contact hours:** Lecture: 1 Lab: 2 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lab, Lecture, Combined lecture and lab

**Department/School:** Aerospace Studies**AERO 3103 Leading People & Effective Communication I**

**Description:** This course designed to build on the leadership fundamentals taught in AERO 2X11. The cadets will have the opportunity to utilize their skills as they begin more of a leadership role in the detachment. The goal is for cadets to have a more in-depth understanding of how to effectively lead people, and provide them with the tools to use throughout their detachment leadership roles. Secondly, students will hone their writing and briefing skills. The course continues into advanced skills and ethics training that will prepare them for becoming an officer and a supervisor in the United States Air Force.

**Credit hours:** 3

**Contact hours:** Lecture: 2 Lab: 2 Contact: 4

**Levels:** Undergraduate

**Schedule types:** Lab, Lecture, Combined lecture and lab

**Department/School:** Aerospace Studies

**AERO 3203 Leading People & Effective Communication II**

**Description:** The course continues into advanced skills and ethics training that will prepare cadets for becoming an officer and a supervisor in the United States Air Force.

**Credit hours:** 3

**Contact hours:** Lecture: 2 Lab: 2 Contact: 4

**Levels:** Undergraduate

**Schedule types:** Lab, Lecture, Combined lecture and lab

**Department/School:** Aerospace Studies

**AERO 3504 Field Training Encampment Program**

**Prerequisites:** Consent of professor of aerospace studies.

**Description:** Practical training on an Air Force base. Junior officer training, familiarization training in most functional aspects of a typical Air Force base. Includes career orientation, small arms firing, flight orientation rides, and survival training.

**Credit hours:** 4

**Contact hours:** Lecture: 4 Contact: 4

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Aerospace Studies

**AERO 4103 National Security/Leadership Responsibilities/Commissioning Preparation I**

**Description:** The formulation, organization and context of national - security; civil-military interaction and the evolution of strategy. Review of the military profession and officership. The AS400 cadet should comprehend the basic elements of national security policy and process.

The student should comprehend the air and space power operations as well as understand selected roles of the military in society and current domestic and international issues affecting the military profession.

**Credit hours:** 3

**Contact hours:** Lecture: 2 Lab: 2 Contact: 4

**Levels:** Undergraduate

**Schedule types:** Lab, Lecture, Combined lecture and lab

**Department/School:** Aerospace Studies

**AERO 4203 National Security/Leadership Responsibilities/Commissioning Preparation II**

**Description:** Students are instructed on the responsibility, authority, and functions of an Air Force commander and selected provisions of the military justice system. The final semester of the AS400 course is designed to prepare cadets for life as a second lieutenant.

**Credit hours:** 3

**Contact hours:** Lecture: 2 Lab: 2 Contact: 4

**Levels:** Undergraduate

**Schedule types:** Lab, Lecture, Combined lecture and lab

**Department/School:** Aerospace Studies

**AERO 4402 Summer Professional Development Training Program**

**Prerequisites:** Consent of professor of aerospace studies.

**Description:** Known as "Ops Air Force," students spend from two to three weeks on an Air Force base working in their intended specialty under supervision of experienced officer. Leadership and management principles applied to day-to-day experiences. DO NOT register for this course to get credit for attending Field Training. AERO 3504 is for Field Training credit.

**Credit hours:** 2

**Contact hours:** Lecture: 2 Contact: 2

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Aerospace Studies

## Minors

- Aerospace Studies (AERO), Minor (p. 963)

## Faculty

Lieutenant Colonel Frank W. Welton—Commander, Professor and Department Head

**Assistant Professors:** Major Lindsay Johnson; Major Morgan Dolan; Captain Michael Vander Sys

**Staff:** Mendi Cronister; Technical Sergeant Ephraim Davis; Staff Sergeant Payton Andersen



## Aerospace Studies (AERO), Minor

**Requirements for Students Matriculating in or before Academic Year 2022-2023.** Learn more about University Academic Regulation 3.1 (p. 943).

**Education Officer,** 315 TH, 405-744-7744.

**Total Hours:** 18

Code	Title	Hours
<b>Minor Requirements</b>		
18 hours AERO. 16 hours must be upper-division		18

Choose from AERO (p. 961) courses.

### Other Requirements

- GPA of 2.5 with no grade below "C."

### Additional OSU Requirements

#### Undergraduate Minors

- An undergraduate minor must include between fifteen and thirty hours, inclusive of undergraduate coursework.
- A minimum of six credit hours for the minor must be earned in residence at OSU.
- The courses required for a minor may be included in the course requirements for any undergraduate degree or they may be in addition to degree requirements, depending on the overlap between the minor and degree requirements. However, an undergraduate minor must be earned in an academic field other than the student's declared degree option. The minor may not duplicate the degree major or option (for example, a student who earns a BA in Art with an Art History option may earn a minor in Studio Art but not Art History).
- A student generally follows the minor requirements associated with his or her matriculation year or newer requirements that have been established since matriculation. The time limit for following requirements from a given academic year is six years.

For additional information on requirements on minors, click here (<https://adminfinance.okstate.edu/site-files/documents/policies/requirements-for-undergraduate-and-graduate-minors.pdf>).

## American Studies

American Studies examines the history, culture, and society of the United States from a multidisciplinary, multicultural, and transnational perspective. Courses investigate the diverse peoples and ideas that have shaped the nation using an eclectic array of tools—from sociology and political science to history, literature, cultural and media studies. Our curriculum combines structure with latitude in course selection, enabling students to tailor their coursework to fit their personal interests and career goals.

Students may complete a Bachelor of Arts (BA) or a Bachelor of Sciences (BS) in American Studies, either with or without a Pre-Law emphasis. Degrees in American Studies require 48 hours of coursework in the field, including two required American Studies courses (6 credit hours), plus foundational courses in American literary and cultural studies (6 credit hours), American history (6 credit hours) and related humanities and social science courses (30 credit hours).

Students also have two minor options.

**American Studies** involves 3 hours in a required American Studies class (AMST 3223 Theories and Methods of American Studies), 9 hours of additional upper-division AMST-prefix courses, and 6 hours drawn from a list of upper-division courses with a focus relevant to the field of American Studies (18 hours total).

**Truth and Reconciliation in the Americas** involves one required course (AMST 3373 Comparative Truth and Reconciliation), 3 hours of internship (AMST 4990), and 9 hours drawn from a list of upper-division courses with a focus relevant to the topic of Truth and Reconciliation (15 hours total).

American Studies provides students with a well-rounded liberal arts education and the critical thinking and communication skills desired by today's employers. Our students learn to conduct research, analyze information, speak clearly, write well, and share their knowledge in multiple media formats. Graduates have pursued successful careers in a variety of fields, including education, social work, journalism, media production, marketing, non-profit management, business, and the law. With its small class sizes and emphasis on analytical writing, American Studies is also the perfect preparation for the pursuit of advanced degrees in Literature, History, and the Law, among other areas. Students interested in applying to law school should consider the Pre-Law option in American Studies.

## Courses

### AMST 2103 Introduction to American Studies (DH)

**Description:** Introduction, via topical case studies, to some of the major themes, methods and materials used in the interdisciplinary study of American culture.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Dean of Arts & Science

**General Education and other Course Attributes:** Diversity, Humanities

### AMST 2513 Plantation to Plate: Sugar, Bananas, and Coffee in America (H)

**Description:** Considers the historical impact that three food commodities - bananas, sugar, and coffee - have had on producing and consuming societies in Latin American and the United States. Analyzes the way food influenced the formation of racial and gender identities and examines different moments when these commodities influenced foreign policy and politics. Same course as HIST 2513.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Dean of Arts & Science

**General Education and other Course Attributes:** Humanities

### AMST 3223 Theories and Methods of American Studies

**Description:** In-depth introduction to the history, theories and methods of analysis used in American Studies scholarship.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Dean of Arts & Science

### AMST 3253 Globalization and American Culture (H)

**Description:** Transmission, reception, and influence of American culture in one or more of the following: Europe, Asia, Latin America, the Middle East. The cultural history of globalization and American culture.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Dean of Arts & Science

**General Education and other Course Attributes:** Humanities

### AMST 3303 Nations on the Move: Latin American Migration and Latinx Communities in the US (DH)

**Description:** Examines Latin American migration to the United States through a case study approach. Considers US foreign policy, questions of labor and economic motivations, political violence and persecution, changes in immigration law, environmental issues, histories of the process of migration, and the formation of new identities and transnational communities and activism in the United States. Same course as HIST 3303.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** History

**General Education and other Course Attributes:** Diversity, Humanities

### AMST 3333 Crime, Law and American Culture (S)

**Description:** Study of crime, law and the legal system from a cultural perspective. Examine how race, gender, and social class play different roles in issues related to crime, law and the legal system.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Dean of Arts & Science

**General Education and other Course Attributes:** Social & Behavioral Sciences

**AMST 3373 Comparative Truth and Reconciliation in the Americas (D)**

**Description:** Comparative study of truth and reconciliation in Oklahoma and beyond. Explores theories and practices of reconciliation in multicultural contexts. Emphasis on the relationship between past injustices and contemporary social problems. Possible topics might include the Tulsa Race Massacre, Native American boarding schools, and the internment of Japanese Americans in World War II.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Dean of Arts & Science

**General Education and other Course Attributes:** Diversity

**AMST 3423 American Popular Culture (H)**

**Description:** History of American popular culture and its role in shaping social behaviors, beliefs, and relations, especially as regards issues of race, class, gender, sexuality and social power.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Dean of Arts & Science

**General Education and other Course Attributes:** Humanities

**AMST 3473 Race, Gender, and Ethnicity in American Film (D)**

**Description:** A survey of race, gender, and ethnicity as they have been represented in American films. Same course as ENGL 3473.

**Credit hours:** 3

**Contact hours:** Lecture: 2 Lab: 2 Contact: 4

**Levels:** Undergraduate

**Schedule types:** Lab, Lecture, Combined lecture and lab

**Department/School:** Dean of Arts & Science

**General Education and other Course Attributes:** Diversity

**AMST 3503 Television and American Society (DH)**

**Description:** Examination of television within the social and cultural context of the US. Looks at the aesthetic and industrial practices that shape representation on TV and the effects of those practices, particularly for socially disempowered groups. Same course as ENGL 3503.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Dean of Arts & Science

**General Education and other Course Attributes:** Diversity, Humanities

**AMST 3513 Film And American Society (H)**

**Description:** Examination of the US film in its social, political, economic, and cultural contexts. Topics may include the history of US film production, distribution and consumption; Hollywood film genres; independent cinema; the star system; and/or representations of historical events, political issues, or social groups in US film.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Dean of Arts & Science

**General Education and other Course Attributes:** Humanities

**AMST 3550 The Arts and American Society**

**Description:** Interdisciplinary study of major figures, trends, themes, periods, and modes of representation in American thought and cultural expression. Emphasis on the relationship between the arts and social, political, and historical context. Examples include Realism, American Modernism, Regionalism, American Postmodernism, the City and the Country, the Other, Nationalism, Time, and Space. Topics vary by semester. Offered for fixed credit, 3 credit hours, maximum of 6 credit hours.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Dean of Arts & Science

**AMST 3653 The Body in American Culture (DH)**

**Description:** The body and its impact on American culture examined through a survey of diverse cultural productions and social practices. Examine the intersections of ideas of embodiment with discourse of race, class, gender, sexuality, disability, and nationalism.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Dean of Arts & Science

**General Education and other Course Attributes:** Diversity, Humanities

**AMST 3673 History Of American Art (DH)**

**Description:** Visual arts in America from the Colonial period to present. Major styles, ideas and uses of material in architecture, painting, sculpture and design. Same course as ART 3663.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Dean of Arts & Science

**General Education and other Course Attributes:** Diversity, Humanities

**AMST 3683 Introduction to Digital Humanities**

**Description:** Introduction to issues and tools involved in digital knowledge production. Students will create hands-on projects using readily available digital tools. Basic familiarity with computers and word processing will be helpful, but no expertise is needed.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Dean of Arts & Science

**AMST 3723 Cultural History of American Sports (DH)**

**Description:** Examines the role of sports in American cultural history; analyzes issues of class, ethnicity, gender, nationalism and race; interprets the importance of athletic heroes, fans, performance, and rituals; evaluates amateur, collegiate, Olympic, and professional institutions.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Dean of Arts & Science

**General Education and other Course Attributes:** Diversity, Humanities

**AMST 3753 African American Arts and Culture (DH)**

**Description:** An exploration of the history, practice, and significance of African American arts and culture. Topics might include black visual, literacy, filmic, musical, and street arts, artists, and movements. Approaches may be comparative or transnational. Same course as AFAM 3753.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Dean of Arts & Science

**General Education and other Course Attributes:** Diversity, Humanities

**AMST 3803 War In American Culture (H)**

**Description:** Study of war and its impact on American culture through an examination of diverse cultural productions and social practices. Emphasis on the circulation of common (and contested) representations of war within American visual, literary, and memorial culture.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Dean of Arts & Science

**General Education and other Course Attributes:** Humanities

**AMST 3813 Readings in the American Experience (DH)**

**Description:** Life in the New World from the colonial to the postmodern era using a multiplicity of interdisciplinary texts that demonstrate the emergence and ongoing evolution of distinctive American identities. Same course as ENGL 3813.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Dean of Arts & Science

**General Education and other Course Attributes:** Diversity, Humanities

**AMST 3823 U.S. as Business Culture (DH)**

**Description:** Examines American business in relation to political, social and cultural phenomena, emphasizing the implications of business for race, class, gender and nation. Themes considered may include business literature, advertising, film, documentary, and other forms of popular and visual culture. The course examines changes in business and business culture over time, and offers students opportunities to synthesize sources that are not usually considered together.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Dean of Arts & Science

**General Education and other Course Attributes:** Diversity, Humanities

**AMST 3843 War and Memory in America (H)**

**Description:** Examines the ways in which Americans have remembered and commemorated war from the American Revolution to the Global War on Terror. Topics include the creation and perpetuation of memory from both soldiers and civilians, the portrayal of war in popular culture, and the challenges of commemorating and memorializing America's militant past. Same course as HIST 3843.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** History

**General Education and other Course Attributes:** Humanities

**AMST 3863 Disability in America (DH)**

**Description:** Examines the history of disability in American culture. Considers evolving ideas about disability and the status of disabled people in American society. Topics include disability and the law; eugenics; the disability rights movement; representations of disability in popular culture; and intersecting ideas about disability, race, gender, and class. Same course as HIST 3863.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** History

**General Education and other Course Attributes:** Diversity, Humanities

**AMST 3950 Special Topics in American Studies (DH)**

**Description:** Special topics in American culture and society with an emphasis on race, class, gender, sexuality and other forms of diversity. Topics will vary, but all courses will emphasize both historical and contemporary examples and include analytical research and writing. Offered for fixed credit, 3 credit hours, maximum of 6 credit hours. 3 credit course, maximum of 6 credit hours.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Dean of Arts & Science

**General Education and other Course Attributes:** Diversity, Humanities

**AMST 3980 Inquiry in American Studies**

**Description:** For students interested in pursuing a research or reading project. Open to honors students in American Studies and to others by permission of the program head. Offered for variable credit, 1-3 credit hours, maximum of 9 credit hours.

**Credit hours:** 1-3

**Contact hours:** Lecture: 1-3 Contact: 1-3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Dean of Arts & Science



**AMST 4103 The Death Penalty in America (S)**

**Description:** This course is designed to examine problems and issues related to the death penalty in the United States, including the history of capital punishment, important Supreme Court decisions, how the various jurisdictions (state and federal) deal with capital cases, the comparative costs of incarceration and execution, miscarriages of justice in capital cases and how the criminal justice responds to these issues. Same course as SOC 4103.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Dean of Arts & Science

**General Education and other Course Attributes:** Social & Behavioral Sciences

**AMST 4453 Black Geographies & Memorialization in the Landscape (DH)**

**Prerequisites:** Junior or senior standing or consent of instructor.

**Description:** How and why have African American people sought to memorialize their history in public places? How have Black counterpublics shaped discourse on memorials to African American history? What has this discourse done to the field of landscape and memory studies? To explore these questions, this course is organized around memory in the landscape as it relates to black geographies, including, for example, slavery, the Civil War, civil rights, and the Tulsa Race Massacre in the United States. Approaches may be comparative or transnational. Same course as AFAM 4453 and GEOG 4453. May not be used for degree credit with GEOG 5453.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Dean of Arts & Science

**General Education and other Course Attributes:** Diversity, Humanities

**AMST 4553 Gender in America (DH)**

**Description:** Cultural, societal and political reflections of American men and women from the colonial era to the present. Examination of the women's movements and their opponents. Exploration of changing notions of masculinity and femininity. Same course as HIST 4553.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Dean of Arts & Science

**General Education and other Course Attributes:** Diversity, Humanities

**AMST 4593 America in International Perspective (H)**

**Prerequisites:** HIST 1103 or lower-division survey course in U.S. History, any period.

**Description:** A transnational interpretation of American history from the colonial era to the present day. Uses a variety of interdisciplinary sources to place the history of the United States within a comparative, global framework. Same course as HIST 4593.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Dean of Arts & Science

**General Education and other Course Attributes:** Humanities

**AMST 4910 American Period Seminar**

**Description:** In-depth study of a particular period or era in American historical experience. Examples include The Ragtime Era, The Jazz Age, The Great Depression, The Postwar Era, The Civil Rights Movement, and Post Modern America. Topics vary by semester. Offered for fixed credit, 3 credit hours, maximum of 6 credit hours.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Dean of Arts & Science

**AMST 4973 Senior Seminar in American Studies**

**Prerequisites:** AMST 3223.

**Description:** Writing of senior thesis based on original research and its analysis and evaluation or completion of independent project based on practical community experience.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Dean of Arts & Science

**AMST 4990 Internship**

**Description:** An internship opportunity which combines independent study and practical fieldwork experience focusing on a particular problem or topic related to America culture and experience. (Examples: Internship in Archival Fieldwork, Material Culture Fieldwork, Museum Management, Sound Recordings and Native American Heritage Site). Offered for variable credit, 1-3 credit hours, maximum of 6 credit hours.

**Credit hours:** 1-3

**Contact hours:** Contact: 1-3 Other: 1-3

**Levels:** Undergraduate

**Schedule types:** Independent Study

**Department/School:** Dean of Arts & Science

## Undergraduate Programs

- American Studies, BA (p. 970)
- American Studies, BS (p. 974)
- American Studies: American Indian Studies, BA (p. 978)
- American Studies: American Indian Studies, BS (p. 982)
- American Studies: Business Essentials, BA (p. 986)
- American Studies: Business Essentials, BS (p. 990)
- American Studies: Pre-Law, BA (p. 994)
- American Studies: Pre-Law, BS (p. 997)

## Minors

- American Studies (AMST), Minor (p. 969)
- Truth and Reconciliation in the Americas (TRRA), Minor (p. 1000)

## Faculty

John Kinder, PhD (History)—Director and Associate Professor

### CORE FACULTY

**Professor:** Stacy Takacs, PhD (English); William Decker, PhD (English); Bin Liang, PhD (Sociology)

**Associate Professor:** John Kinder, PhD (History); Louise Siddons, PhD (Art History); Lindsey Smith, PhD (English)

**Teaching Assistant Professor:** David Gray, PhD (History/OSU Tulsa);  
Reanae McNeal, PhD (Interdisciplinary Programs)

**AFFILIATE FACULTY**

**Regents Professor:** Dennis Preston, PhD (English)

**Professor:** Richard Frohock, PhD (English); Lisa Lewis, PhD (English);  
Rebekah Herrick, PhD (Political Science); Ken Kiser, PhD (Sociology);  
Jean Van Delinder, PhD (Sociology)

**Associate Professor:** Jeff Menne, PhD (English); Rebecca Sheehan, PhD  
(Geography); Danny Adkison, PhD (Political Science)

**Assistant Professor:** Andrew Belton, PhD (English); Lisa Hollenbach,  
PhD (English); Laura Arata, PhD (History); Richard Boles, PhD (History);  
Holly Karibo, PhD (History); Sarah Foss, PhD (History); Brandy Wells, PhD  
(History); Douglas Miller, PhD (History)

**Teaching Assistant Professor:** Jen Murray, PhD (History)

## American Studies (AMST), Minor

**Requirements for Students Matriculating in or before Academic Year 2022-2023.** Learn more about University Academic Regulation 3.1 (p. 943).

**Anthony Valentine**, 213 Life Sciences East (S), 405-744-5658, anthony.valentine@okstate.edu  
In Tulsa, contact: **Angel Ray**, 918-594-8271, bangel@okstate.edu

**Total Hours:** 18

Code	Title	Hours
<b>Minor Requirements</b>		
AMST 3223	Theories and Methods of American Studies	3
Select 9 hours of additional AMST-prefix courses <sup>1</sup>		9
Select 6 hours upper-division courses with a focus relevant to the field of American Studies approved by faculty coordinator		6
<b>Total Hours</b>		<b>18</b>

1

6 hours of which must be upper-division.

### Other Requirements

- GPA of 2.5 with no grade below "C."

### Additional OSU Requirements

#### Undergraduate Minors

- An undergraduate minor must include between fifteen and thirty hours, inclusive of undergraduate coursework.
- A minimum of six credit hours for the minor must be earned in residence at OSU.
- The courses required for a minor may be included in the course requirements for any undergraduate degree or they may be in addition to degree requirements, depending on the overlap between the minor and degree requirements. However, an undergraduate minor must be earned in an academic field other than the student's declared degree option. The minor may not duplicate the degree major or option (for example, a student who earns a BA in Art with an Art History option may earn a minor in Studio Art but not Art History).
- A student generally follows the minor requirements associated with his or her matriculation year or newer requirements that have been established since matriculation. The time limit for following requirements from a given academic year is six years.

For additional information on requirements on minors, click here (<https://adminfinance.okstate.edu/site-files/documents/policies/requirements-for-undergraduate-and-graduate-minors.pdf>).

# American Studies, BA

## Degree Requirements

**Requirements for Students Matriculating in or before Academic Year 2022-2023.** Learn more about University Academic Regulation 3.1 (p. 943).

**Minimum Overall Grade Point Average:** 2.00

**Total Hours:** 120

Code	Title	Hours
<b>General Education Requirements</b>		
<i>English Composition</i>		
See Academic Regulation 3.5 (p. 944)		
ENGL 1113	Composition I	3
or ENGL 1313	Critical Analysis and Writing I	
Select one of the following:		3
ENGL 1213	Composition II	
ENGL 1413	Critical Analysis and Writing II	
ENGL 3323	Technical Writing	
<i>American History &amp; Government</i>		
HIST 1103	Survey of American History	3
or HIST 1483	American History to 1865 (H)	
or HIST 1493	American History Since 1865 (DH)	
POLS 1113	American Government	3
<i>Analytical &amp; Quantitative Thought (A)</i>		
MATH or STAT course designated (A)		3
<i>Humanities (H)</i>		
Courses designated (H)		6
<i>Natural Sciences (N)</i>		
Must include one Laboratory Science (L) course		
Courses designated (N)		6
<i>Social &amp; Behavioral Sciences (S)</i>		
Course designated (S)		3
<i>Additional General Education</i>		
Courses designated (A), (H), (N), or (S)		10
<b>Hours Subtotal</b>		<b>40</b>
<b>Diversity (D) &amp; International Dimension (I)</b>		
May be completed in any part of the degree plan		
Select at least one Diversity (D) course		
Select at least one International Dimension (I) course		
<b>College/Departmental Requirements</b>		
<i>First Year Seminar</i>		
(Transfer students with 15 hours exempt)		1
<i>Arts &amp; Humanities</i>		
See note 2.a.		9
<i>Natural &amp; Mathematical Sciences</i>		
See note 2.b.		3
<i>Foreign Language</i>		
See note 3		9
<i>Non-Western Studies</i>		
At least one course		
See note 2.d.		

### Upper-Division General Education

Select 6 hours outside major department

See note 2.c.

**Hours Subtotal** **22**

### Major Requirements

Minimum GPA 2.50. Minimum grade of "C" in all AMST upper-division courses.

No more than 9 hours in Major Requirements may be taken from 2000 level courses

AMST 3223	Theories and Methods of American Studies	3
AMST 4973	Senior Seminar in American Studies	3

### American Studies

Select 9 hours (6 hours must be upper division) of additional AMST courses other than AMST 3223 and AMST 4973 and courses listed in the following four categories.

### American History

Select 6 hours of the following (3 hours must be upper-division):

HIST 2333	American Thought and Culture: Survey (H)	
HIST 2343	Religion in America (DH)	
HIST 3133	African Diaspora History (DH)	
HIST 3613	American Colonial Period to 1750 (H)	
HIST 3623	Era of the American Revolution (H)	
HIST 3633	Early National Period, 1787-1828 (H)	
HIST 3643	Antebellum America, 1828-1850 (H)	
HIST 3653	Civil War and Reconstruction, 1850-1877	
HIST 3663	U.S History 1877-1919 (H)	
HIST 3673	United States History, 1919-45 (DH)	
HIST 3683	United States History Since 1945 (DH)	
HIST 3693	The Modern West (H)	
HIST 3703	Oklahoma History (DH)	
HIST 3713	Women in the American West (DH)	
HIST 3753	Trans-Mississippi West (DH)	
HIST 3763	American Southwest (DH)	
HIST 3773	Old South (S)	
HIST 3793	Native American History (DH)	
HIST 3803	History of Food (H)	
HIST 3853	History of the North American Borderlands (DH)	
HIST 4063	Historic Preservation	
HIST 4073	Digital Methods in History	
HIST 4153	African American History, 1619-1865 (DH)	
HIST 4163	African American History, 1865-Present (DH)	
HIST 4173	Black Intellectual History (DH)	
HIST 4253	U.S. Foreign Relations to 1945 (H)	
HIST 4273	U.S. Foreign Relations Since 1945 (H)	
HIST 4333	History of Sexuality in the United States (D)	
HIST 4353	American Military History (H)	
HIST 4363	US History through Popular and Unpopular Music (DH)	
HIST 4453	History and Film (H)	
HIST 4463	American Cultural History to 1865 (H)	
HIST 4483	American Cultural History Since 1865 (H)	



HIST 4493	Frontier in American Memory (H)
HIST 4503	American Urban History (H)
HIST 4513	Economic History of the US (S)
HIST 4523	American Environmental History (H)
HIST 4543	Vietnam War (HI)
HIST 4553	Gender in America (DH)
HIST 4563	Cold War (HI)
HIST 4593	America in International Perspective (H)

*American Literary and Cultural Studies*

Select 6 hours of the following (3 hours must be upper division): 6

ENGL 2453	Introduction to Film and Television (H)
ENGL 2773	Survey of American Literature I (H)
ENGL 2883	Survey of American Literature II (DH)
ENGL 3153	Readings in Literature by Women (DH)
ENGL 3183	Native American Literature (DH)
ENGL 3190	Readings in Postcolonial and Multiethnic Literature
ENGL 3193	African-American Literature (DH)
ENGL 3410	Popular Fiction
ENGL 3453	History of American Film (H)
ENGL 3473	Race, Gender, and Ethnicity in American Film (D)
ENGL 3503	Television and American Society (DH)
ENGL 3813	Readings in the American Experience (DH)
ENGL 4093	Language in America (DS)
ENGL 4200	Studies in Early American Literature
ENGL 4210	Studies in 19th Century American Literature
ENGL 4220	Studies in 20th Century American Literature
ENGL 4230	Literature of Diversity (DH)
ENGL 4333	Studies in Native American Literature
ENGL 4400	Studies in Regional Literature

*Humanities and Interdisciplinary Studies*

Select 6 hours of the following: 6

AFAM 1113	Introduction to Africana Studies (DH)
AMIS 2013	Introduction to American Indian Studies (D)
AMIS 4013	American Indian Sovereignty (D)
AMST 3503	Television and American Society (DH)
AMST 3513	Film And American Society (H)
AMST 3550	The Arts and American Society
AMST 3673	History Of American Art (DH)
AMST 3683	Introduction to Digital Humanities
ART 3663	History of American Art (DH)
ART 3683	History of 20th Century Art (HI)
ART 4613	Art Since 1960
ART 4763	Native American Art and Material Culture
GEOG 3093	Historical Geography of North America to 1800 (H)
GEOG 3213	Geographies of New Media (H)
GEOG 4103	Historical Geography of North America since 1800 (H)
GEOG 4223	Geography of Music (H)

GWST 2123	Introduction to Gender Studies (DH)
GWST 3513	Theorizing Sexualities (D)
GWST 3613	Race and Reproduction in the U.S. (D)
GWST 3713	Gender and Representation (D)
GWST 4113	Feminist Theories
GWST 4503	Theorizing Men and Masculinities
MUSI 3573	America's Ethnic Music (DH)
MUSI 3741	Survey of Rock and Roll I
MUSI 3751	Survey of Rock and Roll II
PHIL 2043	Philosophy of Film (H)
PHIL 2053	Philosophy in Literature (H)
PHIL 2513	Philosophy and Culture (H)
PHIL 3413	Ethical Theory (H)
PHIL 3513	Social Philosophy (H)
PHIL 3613	Philosophy of Religion (H)
PHIL 3623	Philosophy of Race (DH)
PHIL 3633	MLK, Malcolm X, & Philosophy of Race (DH)
PHIL 3773	Social Media Today (H)
PHIL 3853	Pragmatism (H)
PHIL 3813	American Philosophy (H)
PHIL 3843	Philosophy of Law (H)
PHIL 4113	Philosophy and the Arts (H)
REL 4033	American Christianity through the Colonial Period (H)

*Social Sciences*

Select 6 hours of the following: 6

AMST 3333	Crime, Law and American Culture (S)
AMST 4103	The Death Penalty in America (S)
ECON 3823	American Economy: The Past and Present (S)
ECON 4913	Urban and Regional Economics
GEOG 3123	Urban Geography (S)
GEOG 3133	Political Geography (IS)
GEOG 3163	Economic Geography (S)
GEOG 3173	Cultural Geography (S)
GEOG 3243	Legal Geography of Native America, Sovereign Tribal Nations, and Indian Country (DS)
GEOG 3703	Geography Of Oklahoma (S)
GEOG 3713	Exploring North America and Diversity (DS)
GEOG 4113	Environment and Development
GEOG 4143	Geography of Travel and Tourism
GEOG 4213	Sport, Place and Society (S)
GWST 2113	Transnational Women's Studies (S)
POLS 2023	The Individual And The Law
POLS 3353	Political Parties
POLS 3423	Voting and Elections
POLS 3443	Pol Campaigns And Candidacy
POLS 3453	U.S. Congress
POLS 3483	The American Presidency
POLS 3493	Public Policy
POLS 3513	Public Opinion and Polling
POLS 3523	Money, Media And Politics

POLS 3533	Lobbying: the Art of Influence and Manipulation
POLS 3613	State and Local Government
POLS 3663	Introduction to Political Thought
POLS 3683	Politics in Contemporary Film
POLS 3953	Minorities in the American Political System (DS)
POLS 3963	State Courts and the Bar
POLS 3973	Race, Politics and Sports (D)
POLS 3983	Courts and Judicial Process (S)
POLS 4000	Advanced Topics in American Politics
POLS 4013	American Foreign Policy
POLS 4223	Social Movements
POLS 4403	Urban Politics and Management
POLS 4553	American Political Thought
POLS 4573	Democratic Theory
POLS 4623	Oklahoma Politics (S)
POLS 4693	Gender and Politics
POLS 4963	U.S. Constitution: Civil Rights and Civil Liberties
POLS 4973	U.S. Constitution: Separation of Powers
SOC 2123	Social Problems (DS)
SOC 3133	Racial and Ethnic Relations (DS)
SOC 3323	Collective Behavior and Social Movements
SOC 3523	Juvenile Delinquency (DS)
SOC 3713	Religion, Culture and Society
SOC 3993	Sociology of Aging (DS)
SOC 4103	The Death Penalty in America (S)
SOC 4043	Gender and Work (DS)
SOC 4213	Sociology of Sexualities (S)
SOC 4333	Criminology (S)
SOC 4383	Social Stratification (S)
SOC 4433	Environmental Sociology (S)
SOC 4453	Environmental Inequality (S)
SOC 4463	Technology and Society
SOC 4473	Oklahoma Environmental Sociology
SOC 4643	Sociology of Gender (S)
SOC 4723	Sociology of Families (S)
Select 9 hours of upper-division courses	9
<b>Hours Subtotal</b>	<b>48</b>
<b>Electives</b>	
Select 10 hours	10
May need to include 6 hours upper-division general education outside major department (see note 2.c.), and 1 additional upper-division hour	
<b>Hours Subtotal</b>	<b>10</b>
<b>Total Hours</b>	<b>120</b>

## Other Requirements

- See the College of Arts and Sciences Requirements.
- **Upper-Division Credit:** Total hours must include at least 40 hours in courses numbered 3000 or above.

- **Hours in One Department:** For B.A. and B.S. degrees, no more than 54 hours in one department may be applied to degree requirements.

## College of Arts and Sciences Requirements

### 1. General Education Requirements

No more than two courses (or eight hours) from the major department (<http://catalog.okstate.edu/college-arts-sciences-major-departments/>) may be used to meet General Education and College and Departmental Requirements. The General Education required English Composition, required U.S. History, required American Government, one required MATH or STAT course, and required foreign language for B.A. degrees do not count against the two-course maximum.

### 2. A&S College/Departmental Requirements

- Arts and Humanities are defined as any course carrying an (H) designation or courses from AMST, ART, DANC, ENGL (except ENGL 3323 Technical Writing) HIST, MUSI, PHIL (except PHIL 1313 Logic and Critical Thinking (A), PHIL 3003 Symbolic Logic (A) and PHIL 4003 Mathematical Logic and Computability), REL, TH, and foreign languages.
- Natural and Mathematical Sciences are defined as any course from the following prefixes: ASTR, BIOC, BIOL, CHEM, CS (except CS 4883 Social Issues in Computing), GEOL, MATH, MICR, PBIO, PHYS, and STAT; or courses from other departments that carry an (A) or (N) general education designation.
- The required six hours of upper-division General Education may not include courses from the student's major department. This requirement may be satisfied by courses also used to satisfy any part of a student's degree program (i.e., in General Education, College Departmental Requirements, Major Requirements or Electives).
- Non-Western Studies Requirement for B.A. and B.F.A.; One 3-hour course in Non-Western Studies (N.W.). This requirement may be satisfied by courses also used to satisfy any part of a student's degree program (i.e., in General Education, College Departmental Requirements, Major Requirements or Electives).
- The College of Arts & Sciences requires a minimum 2.0 GPA in all major requirements and a minimum 2.0 GPA in all major-prefix courses applied to the degree.

### 3. Foreign Language Proficiency

- The foreign language requirement for the B.A. may be satisfied by 9 hours college credit in the same language, which must include 3 hours at the 2000-level, or equivalent proficiency (e.g., passing an advanced standing examination; TOEFL exam; presenting a high school transcript which demonstrates the high school was primarily conducted in a language other than English; etc.). Computer Science courses may not be used to satisfy this requirement. Currently Arabic and Mvskoke are not offered at the 2000-level at OSU.
- The foreign language requirement for the B.S., B.M. and B.F.A. may be satisfied by presenting a high school transcript which demonstrates two years of study of a single foreign language (passing grades at second-year level of study). It may also be satisfied by 6 hours college credit in the same language, which must include language courses 1713 and 1813, or equivalent proficiency (e.g., passing an advanced standing examination; TOEFL exam; presenting a high school transcript which demonstrates the high school was primarily conducted in

a language other than English; etc.). Computer Science courses may not be used to satisfy this requirement.

- c. In addition to a. and b., students pursuing teacher certification must meet novice-high foreign language proficiency by presenting a high school transcript which demonstrates two years of study of a single foreign language with no grade below B. Or, students may complete 3 hours college credit in a single language with no grade below C (or pass an advanced standing examination, College Level Examination Program (CLEP) exam, or Oral Proficiency Interview developed by the American Council on the Teaching of Foreign Languages, equivalent to 3 hours of college credit.) Or, students may meet the requirement by transfer of documentation of meeting the foreign language competency from one of the teacher education programs in the State of Oklahoma approved by the Oklahoma State Regents for Higher Education.

#### 4. Exclusions

- Courses used to satisfy the General Education English Composition, U.S. History, American Government, and Mathematics or Statistics requirements will not count toward the 54-hour maximum allowed from one department.
- Courses with ATHL or LEIS prefixes and leisure activity courses may not be used for degree credit.

## Additional State/OSU Requirements

- At least: 60 hours at a four-year institution; 30 hours completed at OSU; 15 of the final 30 or 50% of the upper-division hours in the major field completed at OSU.
- Limit of: one-half of major course requirements as transfer work; one-fourth of hours earned by correspondence; 8 transfer correspondence hours.
- Students will be held responsible for degree requirements in effect at the time of matriculation and any changes that are made, so long as these changes do not result in semester credit hours being added or do not delay graduation.
- Degrees that follow this plan must be completed by the end of Summer 2028.

## Example Plan of Study

### Finish in Four Plan of Study

The plan below is an **example** of how students can successfully complete degree requirements in four years. This suggested class schedule plan may be used as a guide and can be adjusted based on individual needs. Students are required to meet with an academic advisor prior to enrollment each semester to plan their class schedule, and students are ultimately responsible for completing all degree requirements.

Course	Title	Hours
<b>Freshman</b>		
<b>Fall</b>		
ENGL 1113	Composition I	3
AMST 2103	Introduction to American Studies (DH)	3
General Education courses		9
<b>Hours</b>		<b>15</b>
<b>Spring</b>		
ENGL 1213	Composition II	3
General Education courses		12
<b>Hours</b>		<b>15</b>

### Sophomore

<b>Fall</b>		
1713 First Semester Foreign Language		3
General Education courses		12
<b>Hours</b>		<b>15</b>
<b>Spring</b>		
1813 Second Semester Foreign Language		3
Major, College, and Elective courses		12
<b>Hours</b>		<b>15</b>
<b>Junior</b>		
<b>Fall</b>		
AMST 3223	Theories and Methods of American Studies	3
2000-level Foreign Language		3
Major, College, and Elective courses		9
<b>Hours</b>		<b>15</b>
<b>Spring</b>		
Major, College, and Elective courses		15
<b>Hours</b>		<b>15</b>
<b>Senior</b>		
<b>Fall</b>		
Major, College, and Elective courses		15
<b>Hours</b>		<b>15</b>
<b>Spring</b>		
AMST 4973	Senior Seminar in American Studies	3
Major, College, and Elective courses		12
<b>Hours</b>		<b>15</b>
<b>Total Hours</b>		<b>120</b>

## American Studies, BS

### Degree Requirements

**Requirements for Students Matriculating in or before Academic Year 2022-2023.** Learn more about University Academic Regulation 3.1 (p. 943).

**Minimum Overall Grade Point Average: 2.00**

**Total Hours: 120**

Code	Title	Hours
<b>General Education Requirements</b>		
<i>English Composition</i>		
See Academic Regulation 3.5 (p. 944)		
ENGL 1113 or ENGL 1313	Composition I Critical Analysis and Writing I	3
ENGL 1213 or ENGL 1413 or ENGL 3323	Composition II Critical Analysis and Writing II Technical Writing	3
<i>American History &amp; Government</i>		
HIST 1103 or HIST 1483 or HIST 1493	Survey of American History American History to 1865 (H) American History Since 1865 (DH)	3
POLS 1113	American Government	3
<i>Analytical &amp; Quantitative Thought (A)</i>		
MATH or STAT course designated (A)		3
<i>Humanities (H)</i>		
Courses designated (H)		6
<i>Natural Sciences (N)</i>		
Must include one Laboratory Science (L) course		
Courses designated (N)		6
<i>Social &amp; Behavioral Sciences (S)</i>		
Courses designated (S)		3
<i>Additional General Education</i>		
Courses designated (A), (H), (N), or (S)		10
<b>Subtotal Hours</b>		<b>40</b>
<b>Diversity (D) &amp; International Dimension (I)</b>		
May be completed in any part of the degree plan		
Select at least one Diversity (D) course		
Select at least one International Dimension (I) course		
<b>College/Departmental Requirements</b>		
<i>First Year Seminar</i>		
(Transfer students with 15 hours exempt)		1
<i>Arts &amp; Humanities</i>		
See note 2.a.		3
<i>Natural &amp; Mathematical Sciences</i>		
See note 2.b.		9
<i>Foreign Language</i>		
See note 3		
0-6 hours		
<i>Upper-division General Education</i>		
6 hours outside AMST, American History and American Literature		
See note 2.c.		

<b>Subtotal Hours</b>		<b>13</b>
<b>Major Requirements</b>		
Minimum GPA 2.50. Minimum grade of "C" in all AMST upper-division courses. No more than 9 hours in Major Requirements may be taken from 2000 level courses.		
AMST 3223	Theories and Methods of American Studies	3
AMST 4973	Senior Seminar in American Studies	3
<i>American Studies</i>		
Select 9 hours (6 hours must be upper division) of AMST courses other than AMST 3223 & AMST 4973; and courses listed in the following four categories.		9
<i>American History</i>		
Select 6 hours of the following (3 hours must be upper-division):		6
HIST 2333	American Thought and Culture: Survey (H)	
HIST 2343	Religion in America (DH)	
HIST 3133	African Diaspora History (DH)	
HIST 3613	American Colonial Period to 1750 (H)	
HIST 3623	Era of the American Revolution (H)	
HIST 3633	Early National Period, 1787-1828 (H)	
HIST 3643	Antebellum America, 1828-1850 (H)	
HIST 3653	Civil War and Reconstruction, 1850-1877	
HIST 3663	U.S History 1877-1919 (H)	
HIST 3673	United States History, 1919-45 (DH)	
HIST 3683	United States History Since 1945 (DH)	
HIST 3693	The Modern West (H)	
HIST 3703	Oklahoma History (DH)	
HIST 3713	Women in the American West (DH)	
HIST 3753	Trans-Mississippi West (DH)	
HIST 3763	American Southwest (DH)	
HIST 3773	Old South (S)	
HIST 3793	Native American History (DH)	
HIST 3803	History of Food (H)	
HIST 3853	History of the North American Borderlands (DH)	
HIST 4063	Historic Preservation	
HIST 4073	Digital Methods in History	
HIST 4153	African American History, 1619-1865 (DH)	
HIST 4163	African American History, 1865-Present (DH)	
HIST 4173	Black Intellectual History (DH)	
HIST 4253	U.S. Foreign Relations to 1945 (H)	
HIST 4273	U.S. Foreign Relations Since 1945 (H)	
HIST 4333	History of Sexuality in the United States (D)	
HIST 4353	American Military History (H)	
HIST 4363	US History through Popular and Unpopular Music (DH)	
HIST 4453	History and Film (H)	
HIST 4463	American Cultural History to 1865 (H)	
HIST 4483	American Cultural History Since 1865 (H)	
HIST 4493	Frontier in American Memory (H)	
HIST 4503	American Urban History (H)	
HIST 4513	Economic History of the US (S)	
HIST 4523	American Environmental History (H)	



HIST 4543	Vietnam War (HI)
HIST 4553	Gender in America (DH)
HIST 4563	Cold War (HI)
HIST 4593	America in International Perspective (H)

#### *American Literary and Cultural Studies*

Select 6 hours of the following (3 hours must be upper-division): 6

ENGL 2453	Introduction to Film and Television (H)
ENGL 2773	Survey of American Literature I (H)
ENGL 2883	Survey of American Literature II (DH)
ENGL 3153	Readings in Literature by Women (DH)
ENGL 3183	Native American Literature (DH)
ENGL 3190	Readings in Postcolonial and Multiethnic Literature
ENGL 3193	African-American Literature (DH)
ENGL 3410	Popular Fiction
ENGL 3453	History of American Film (H)
ENGL 3473	Race, Gender, and Ethnicity in American Film (D)
ENGL 3503	Television and American Society (DH)
ENGL 3813	Readings in the American Experience (DH)
ENGL 4093	Language in America (DS)
ENGL 4200	Studies in Early American Literature
ENGL 4210	Studies in 19th Century American Literature
ENGL 4220	Studies in 20th Century American Literature
ENGL 4230	Literature of Diversity (DH)
ENGL 4333	Studies in Native American Literature
ENGL 4400	Studies in Regional Literature

#### *Humanities and Interdisciplinary Studies*

Select 6 hours of the following: 6

AFAM 1113	Introduction to Africana Studies (DH)
AMIS 2013	Introduction to American Indian Studies (D)
AMIS 4013	American Indian Sovereignty (D)
AMST 3503	Television and American Society (DH)
AMST 3513	Film And American Society (H)
AMST 3550	The Arts and American Society
AMST 3673	History Of American Art (DH)
AMST 3683	Introduction to Digital Humanities
ART 3663	History of American Art (DH)
ART 3683	History of 20th Century Art (HI)
ART 4613	Art Since 1960
ART 4763	Native American Art and Material Culture
GEOG 3093	Historical Geography of North America to 1800 (H)
GEOG 3213	Geographies of New Media (H)
GEOG 4103	Historical Geography of North America since 1800 (H)
GEOG 4223	Geography of Music (H)
GWST 2123	Introduction to Gender Studies (DH)
GWST 3513	Theorizing Sexualities (D)
GWST 3613	Race and Reproduction in the U.S. (D)
GWST 3713	Gender and Representation (D)

GWST 4113	Feminist Theories
GWST 4503	Theorizing Men and Masculinities
MUSI 3573	America's Ethnic Music (DH)
MUSI 3741	Survey of Rock and Roll I
MUSI 3751	Survey of Rock and Roll II
PHIL 2043	Philosophy of Film (H)
PHIL 2053	Philosophy in Literature (H)
PHIL 2513	Philosophy and Culture (H)
PHIL 3413	Ethical Theory (H)
PHIL 3513	Social Philosophy (H)
PHIL 3613	Philosophy of Religion (H)
PHIL 3623	Philosophy of Race (DH)
PHIL 3633	MLK, Malcolm X, & Philosophy of Race (DH)
PHIL 3773	Social Media Today (H)
PHIL 3813	American Philosophy (H)
PHIL 3843	Philosophy of Law (H)
PHIL 3853	Pragmatism (H)
PHIL 4113	Philosophy and the Arts (H)
REL 4033	American Christianity through the Colonial Period (H)

#### *Social Sciences*

Select 6 hours of the following: 6

AMST 3333	Crime, Law and American Culture (S)
AMST 4103	The Death Penalty in America (S)
ECON 3823	American Economy: The Past and Present (S)
ECON 4913	Urban and Regional Economics
GEOG 3123	Urban Geography (S)
GEOG 3133	Political Geography (IS)
GEOG 3163	Economic Geography (S)
GEOG 3173	Cultural Geography (S)
GEOG 3243	Legal Geography of Native America, Sovereign Tribal Nations, and Indian Country (DS)
GEOG 3703	Geography Of Oklahoma (S)
GEOG 3713	Exploring North America and Diversity (DS)
GEOG 4113	Environment and Development
GEOG 4143	Geography of Travel and Tourism
GEOG 4213	Sport, Place and Society (S)
GWST 2113	Transnational Women's Studies (S)
POLS 2023	The Individual And The Law
POLS 3353	Political Parties
POLS 3423	Voting and Elections
POLS 3443	Pol Campaigns And Candidacy
POLS 3453	U.S. Congress
POLS 3483	The American Presidency
POLS 3493	Public Policy
POLS 3513	Public Opinion and Polling
POLS 3523	Money, Media And Politics
POLS 3533	Lobbying: the Art of Influence and Manipulation
POLS 3613	State and Local Government
POLS 3663	Introduction to Political Thought

POLS 3683	Politics in Contemporary Film	
POLS 3953	Minorities in the American Political System (DS)	
POLS 3963	State Courts and the Bar	
POLS 3973	Race, Politics and Sports (D)	
POLS 3983	Courts and Judicial Process (S)	
POLS 4000	Advanced Topics in American Politics	
POLS 4013	American Foreign Policy	
POLS 4223	Social Movements	
POLS 4403	Urban Politics and Management	
POLS 4553	American Political Thought	
POLS 4573	Democratic Theory	
POLS 4623	Oklahoma Politics (S)	
POLS 4693	Gender and Politics	
POLS 4963	U.S. Constitution: Civil Rights and Civil Liberties	
POLS 4973	U.S. Constitution: Separation of Powers	
SOC 2123	Social Problems (DS)	
SOC 3133	Racial and Ethnic Relations (DS)	
SOC 3323	Collective Behavior and Social Movements	
SOC 3523	Juvenile Delinquency (DS)	
SOC 3713	Religion, Culture and Society	
SOC 3993	Sociology of Aging (DS)	
SOC 4043	Gender and Work (DS)	
SOC 4103	The Death Penalty in America (S)	
SOC 4213	Sociology of Sexualities (S)	
SOC 4333	Criminology (S)	
SOC 4383	Social Stratification (S)	
SOC 4433	Environmental Sociology (S)	
SOC 4453	Environmental Inequality (S)	
SOC 4463	Technology and Society	
SOC 4473	Oklahoma Environmental Sociology	
SOC 4643	Sociology of Gender (S)	
SOC 4723	Sociology of Families (S)	
9 hours upper-division courses		9
<b>Subtotal Hours</b>		<b>48</b>
<b>Electives</b>		<b>19</b>
May need to include 6 hours of a foreign language. See note 3.		
May need to include 6 hours upper-division general education outside AMST, American History and American Literature (see note 2.c.) and 1 additional upper-division hour.		
<b>Subtotal Hours</b>		<b>19</b>
<b>Total Hours</b>		<b>120</b>

## Other Requirements

- See the College of Arts and Sciences Requirements.
- **Upper-Division Credit:** Total hours must include at least 40 hours in courses numbered 3000 or above.
- **Hours in One Department:** For B.A. and B.S. degrees, no more than 54 hours in one department may be applied to degree requirements.

## College of Arts and Sciences Requirements

### 1. General Education Requirements

No more than two courses (or eight hours) from the major department (<http://catalog.okstate.edu/college-arts-sciences-major-departments/>) may be used to meet General Education and College and Departmental Requirements. The General Education required English Composition, required U.S. History, required American Government, one required MATH or STAT course, and required foreign language for B.A. degrees do not count against the two-course maximum.

### 2. A&S College/Departmental Requirements

- Arts and Humanities are defined as any course carrying an (H) designation or courses from AMST, ART, DANC, ENGL (except ENGL 3323 Technical Writing) HIST, MUSI, PHIL (except PHIL 1313 Logic and Critical Thinking (A), PHIL 3003 Symbolic Logic (A) and PHIL 4003 Mathematical Logic and Computability), REL, TH, and foreign languages.
- Natural and Mathematical Sciences are defined as any course from the following prefixes: ASTR, BIOC, BIOL, CHEM, CS (except CS 4883 Social Issues in Computing), GEOL, MATH, MICR, PBIO, PHYS, and STAT; or courses from other departments that carry an (A) or (N) general education designation.
- The required six hours of upper-division General Education may not include courses from the student's major department. This requirement may be satisfied by courses also used to satisfy any part of a student's degree program (i.e., in General Education, College Departmental Requirements, Major Requirements or Electives).
- Non-Western Studies Requirement for B.A. and B.F.A.; One 3-hour course in Non-Western Studies (N.W.). This requirement may be satisfied by courses also used to satisfy any part of a student's degree program (i.e., in General Education, College Departmental Requirements, Major Requirements or Electives).
- The College of Arts & Sciences requires a minimum 2.0 GPA in all major requirements and a minimum 2.0 GPA in all major-prefix courses applied to the degree.

### 3. Foreign Language Proficiency

- The foreign language requirement for the B.A. may be satisfied by 9 hours college credit in the same language, which must include 3 hours at the 2000-level, or equivalent proficiency (e.g., passing an advanced standing examination; TOEFL exam; presenting a high school transcript which demonstrates the high school was primarily conducted in a language other than English; etc.). Computer Science courses may not be used to satisfy this requirement. Currently Arabic and Mvskoke are not offered at the 2000-level at OSU.
- The foreign language requirement for the B.S., B.M. and B.F.A. may be satisfied by presenting a high school transcript which demonstrates two years of study of a single foreign language (passing grades at second-year level of study). It may also be satisfied by 6 hours college credit in the same language, which must include language courses 1713 and 1813, or equivalent proficiency (e.g., passing an advanced standing examination; TOEFL exam; presenting a high school transcript which demonstrates the high school was primarily conducted in a language other than English; etc.). Computer Science courses may not be used to satisfy this requirement.

- c. In addition to a. and b., students pursuing teacher certification must meet novice-high foreign language proficiency by presenting a high school transcript which demonstrates two years of study of a single foreign language with no grade below B. Or, students may complete 3 hours college credit in a single language with no grade below C (or pass an advanced standing examination, College Level Examination Program (CLEP) exam, or Oral Proficiency Interview developed by the American Council on the Teaching of Foreign Languages, equivalent to 3 hours of college credit.) Or, students may meet the requirement by transfer of documentation of meeting the foreign language competency from one of the teacher education programs in the State of Oklahoma approved by the Oklahoma State Regents for Higher Education.

#### 4. Exclusions

- Courses used to satisfy the General Education English Composition, U.S. History, American Government, and Mathematics or Statistics requirements will not count toward the 54-hour maximum allowed from one department.
- Courses with ATHL or LEIS prefixes and leisure activity courses may not be used for degree credit.

## Additional State/OSU Requirements

- At least: 60 hours at a four-year institution; 30 hours completed at OSU; 15 of the final 30 or 50% of the upper-division hours in the major field completed at OSU.
- Limit of: one-half of major course requirements as transfer work; one-fourth of hours earned by correspondence; 8 transfer correspondence hours.
- Students will be held responsible for degree requirements in effect at the time of matriculation and any changes that are made, so long as these changes do not result in semester credit hours being added or do not delay graduation.
- Degrees that follow this plan must be completed by the end of Summer 2028.

## Example Plan of Study Finish in Four Plan of Study

The plan below is an example of how students can successfully complete degree requirements in four years. This suggested class schedule plan may be used as a guide and can be adjusted based on individual needs. Students are required to meet with an academic advisor prior to enrollment each semester to plan their class schedule, and students are ultimately responsible for completing all degree requirements.

Course	Title	Hours
<b>Freshman</b>		
<b>Fall</b>		
ENGL 1113	Composition I	3
AMST 2103	Introduction to American Studies (DH)	3
General Education courses		9
<b>Hours</b>		<b>15</b>
<b>Spring</b>		
ENGL 1213	Composition II	3
General Education courses		12
<b>Hours</b>		<b>15</b>

<b>Sophomore</b>		
<b>Fall</b>		
General Education courses		15
<b>Hours</b>		<b>15</b>
<b>Spring</b>		
Major, College, and Elective courses		15
<b>Hours</b>		<b>15</b>
<b>Junior</b>		
<b>Fall</b>		
AMST 3223	Theories and Methods of American Studies	3
Major, College, and Elective courses		12
<b>Hours</b>		<b>15</b>
<b>Spring</b>		
Major, College, and Elective courses		15
<b>Hours</b>		<b>15</b>
<b>Senior</b>		
<b>Fall</b>		
Major, College, and Elective courses		15
<b>Hours</b>		<b>15</b>
<b>Spring</b>		
AMST 4973	Senior Seminar in American Studies	3
Major, College, and Elective courses		12
<b>Hours</b>		<b>15</b>
<b>Total Hours</b>		<b>120</b>

# American Studies: American Indian Studies, BA

## Degree Requirements

**Requirements for Students Matriculating in or before Academic Year 2022-2023.** Learn more about University Academic Regulation 3.1 (p. 943).

**Minimum Overall Grade Point Average: 2.00**

**Total Hours: 120**

Code	Title	Hours
<b>General Education Requirements</b>		
<i>English Composition</i>		
See Academic Regulation 3.5 (p. 944)		
ENGL 1113 or ENGL 1313	Composition I Critical Analysis and Writing I	3
Select one course from:		3
ENGL 1213	Composition II	
ENGL 1413	Critical Analysis and Writing II	
ENGL 3323	Technical Writing	
<i>American History &amp; Government</i>		
HIST 1103 or HIST 1483 or HIST 1493	Survey of American History American History to 1865 (H) American History Since 1865 (DH)	3
POLS 1113	American Government	3
<i>Analytical &amp; Quantitative Thought (A)</i>		
MATH or STAT	course designated (A)	3
<i>Humanities (H)</i>		
Courses designated (H)		6
<i>Natural Sciences (N)</i>		
Must include one Laboratory Science (L) course.		
Courses designated (N)		6
<i>Social &amp; Behavioral Sciences (S)</i>		
Course designated (S)		3
<i>Additional General Education</i>		
Courses designated (A), (H), (N) or (S)		10
<b>Hours Subtotal</b>		<b>40</b>
<b>Diversity (D) &amp; International Dimension (I)</b>		
May be completed in any part of the degree plan.		
At least one Diversity (D) course.		
At least one International Dimension (I) course.		
<b>College/Departmental Requirements</b>		
<i>First Year Seminar</i>		
(Transfer students with 15 hours exempt.)		1
<i>Arts &amp; Humanities</i>		
AMIS 2013	Introduction to American Indian Studies (D)	3
6 additional hours. (See note 2.a.)		6
<i>Natural &amp; Mathematical Sciences</i>		
(See note 2.b.)		3
<i>Foreign Languages</i>		
(See note 3.)		9
<i>Upper-Division General Education</i>		

6 hours outside major department

(See note 2.c.)		
<b>Hours Subtotal</b>		<b>22</b>
<b>Major Requirements</b>		
Minimum GPA 2.50. Minimum grade of "C" in all AMST upper-division courses. No more than 9 hours in Major Requirements may be taken from 2000-level courses.		
AMST 3223	Theories and Methods of American Studies	3
AMST 4973	Senior Seminar in American Studies	3
<i>American Studies</i>		
AMST courses (6 hours must be upper-division) other than AMST 3223 and AMST 4973.		9
<i>American History (upper-division)</i>		3
HIST 3133	African Diaspora History (DH)	
HIST 3613	American Colonial Period to 1750 (H)	
HIST 3623	Era of the American Revolution (H)	
HIST 3633	Early National Period, 1787-1828 (H)	
HIST 3643	Antebellum America, 1828-1850 (H)	
HIST 3653	Civil War and Reconstruction, 1850-1877	
HIST 3663	U.S History 1877-1919 (H)	
HIST 3673	United States History, 1919-45 (DH)	
HIST 3683	United States History Since 1945 (DH)	
HIST 3693	The Modern West (H)	
HIST 3703	Oklahoma History (DH)	
HIST 3713	Women in the American West (DH)	
HIST 3753	Trans-Mississippi West (DH)	
HIST 3763	American Southwest (DH)	
HIST 3773	Old South (S)	
HIST 3803	History of Food (H)	
HIST 3853	History of the North American Borderlands (DH)	
HIST 4063	Historic Preservation	
HIST 4073	Digital Methods in History	
HIST 4153	African American History, 1619-1865 (DH)	
HIST 4163	African American History, 1865-Present (DH)	
HIST 4173	Black Intellectual History (DH)	
HIST 4253	U.S. Foreign Relations to 1945 (H)	
HIST 4273	U.S. Foreign Relations Since 1945 (H)	
HIST 4353	American Military History (H)	
HIST 4453	History and Film (H)	
HIST 4463	American Cultural History to 1865 (H)	
HIST 4483	American Cultural History Since 1865 (H)	
HIST 4493	Frontier in American Memory (H)	
HIST 4503	American Urban History (H)	
HIST 4513	Economic History of the US (S)	
HIST 4523	American Environmental History (H)	
HIST 4543	Vietnam War (HI)	
HIST 4553	Gender in America (DH)	
HIST 4563	Cold War (HI)	
HIST 4593	America in International Perspective (H)	
<i>American Literary and Cultural Studies (upper-division)</i>		3
ENGL 3153	Readings in Literature by Women (DH)	

ENGL 3183	Native American Literature (DH)
ENGL 3190	Readings in Postcolonial and Multiethnic Literature
ENGL 3193	African-American Literature (DH)
ENGL 3410	Popular Fiction
ENGL 3433	Introduction to Television Studies (H)
ENGL 3453	History of American Film (H)
ENGL 3473	Race, Gender, and Ethnicity in American Film (D)
ENGL 3503	Television and American Society (DH)
ENGL 3813	Readings in the American Experience (DH)
ENGL 4093	Language in America (DS)
ENGL 4200	Studies in Early American Literature
ENGL 4210	Studies in 19th Century American Literature
ENGL 4220	Studies in 20th Century American Literature
ENGL 4230	Literature of Diversity (DH)
ENGL 4333	Studies in Native American Literature
ENGL 4400	Studies in Regional Literature
<i>Humanities and Interdisciplinary Studies</i> 3	
AMST 3503	Television and American Society (DH)
AMST 3513	Film And American Society (H)
AMST 3550	The Arts and American Society
AMST 3673	History Of American Art (DH)
AMST 3683	Introduction to Digital Humanities
ART 3663	History of American Art (DH)
ART 3683	History of 20th Century Art (HI)
ART 4613	Art Since 1960
ART 4763	Native American Art and Material Culture
GEOG 3093	Historical Geography of North America to 1800 (H)
GEOG 3213	Geographies of New Media (H)
GEOG 4103	Historical Geography of North America since 1800 (H)
GEOG 4223	Geography of Music (H)
GWST 2123	Introduction to Gender Studies (DH)
GWST 3513	Theorizing Sexualities (D)
GWST 3613	Race and Reproduction in the U.S. (D)
GWST 3713	Gender and Representation (D)
GWST 4113	Feminist Theories
GWST 4503	Theorizing Men and Masculinities
MUSI 3573	America's Ethnic Music (DH)
MUSI 3741	Survey of Rock and Roll I
MUSI 3751	Survey of Rock and Roll II
PHIL 2043	Philosophy of Film (H)
PHIL 2053	Philosophy in Literature (H)
PHIL 2513	Philosophy and Culture (H)
PHIL 3413	Ethical Theory (H)
PHIL 3513	Social Philosophy (H)
PHIL 3613	Philosophy of Religion (H)
PHIL 3623	Philosophy of Race (DH)
PHIL 3633	MLK, Malcolm X, & Philosophy of Race (DH)

PHIL 3773	Social Media Today (H)
PHIL 3813	American Philosophy (H)
PHIL 3843	Philosophy of Law (H)
PHIL 3853	Pragmatism (H)
PHIL 4113	Philosophy and the Arts (H)
REL 3573	The Religions of Native Americans (DH)
REL 4033	American Christianity through the Colonial Period (H)
<i>Social Sciences</i> 3	
AMST 3333	Crime, Law and American Culture (S)
AMST 4103	The Death Penalty in America (S)
ECON 3823	American Economy: The Past and Present (S)
ECON 4913	Urban and Regional Economics
GEOG 3123	Urban Geography (S)
GEOG 3133	Political Geography (IS)
GEOG 3163	Economic Geography (S)
GEOG 3173	Cultural Geography (S)
GEOG 3243	Legal Geography of Native America, Sovereign Tribal Nations, and Indian Country (DS)
GEOG 3703	Geography Of Oklahoma (S)
GEOG 3713	Exploring North America and Diversity (DS)
GEOG 4113	Environment and Development
GEOG 4143	Geography of Travel and Tourism
GEOG 4213	Sport, Place and Society (S)
GWST 2113	Transnational Women's Studies (S)
POLS 2023	The Individual And The Law
POLS 3353	Political Parties
POLS 3423	Voting and Elections
POLS 3443	Pol Campaigns And Candidacy
POLS 3453	U.S. Congress
POLS 3483	The American Presidency
POLS 3493	Public Policy
POLS 3513	Public Opinion and Polling
POLS 3523	Money, Media And Politics
POLS 3533	Lobbying: the Art of Influence and Manipulation
POLS 3613	State and Local Government
POLS 3663	Introduction to Political Thought
POLS 3683	Politics in Contemporary Film
POLS 3953	Minorities in the American Political System (DS)
POLS 3963	State Courts and the Bar
POLS 3973	Race, Politics and Sports (D)
POLS 3983	Courts and Judicial Process (S)
POLS 4000	Advanced Topics in American Politics
POLS 4013	American Foreign Policy
POLS 4223	Social Movements
POLS 4403	Urban Politics and Management
POLS 4553	American Political Thought
POLS 4573	Democratic Theory
POLS 4623	Oklahoma Politics (S)



POLS 4693	Gender and Politics
POLS 4963	U.S. Constitution: Civil Rights and Civil Liberties
POLS 4973	U.S. Constitution: Separation of Powers
SOC 2123	Social Problems (DS)
SOC 3133	Racial and Ethnic Relations (DS)
SOC 3323	Collective Behavior and Social Movements
SOC 3523	Juvenile Delinquency (DS)
SOC 3713	Religion, Culture and Society
SOC 3993	Sociology of Aging (DS)
SOC 4043	Gender and Work (DS)
SOC 4103	The Death Penalty in America (S)
SOC 4213	Sociology of Sexualities (S)
SOC 4333	Criminology (S)
SOC 4383	Social Stratification (S)
SOC 4433	Environmental Sociology (S)
SOC 4453	Environmental Inequality (S)
SOC 4463	Technology and Society
SOC 4473	Oklahoma Environmental Sociology
SOC 4643	Sociology of Gender (S)
SOC 4723	Sociology of Families (S)

*American Indian Studies*

AMIS 4013	American Indian Sovereignty (D)	3
ENGL 3183	Native American Literature (DH)	3
GEOG 3243	Legal Geography of Native America, Sovereign Tribal Nations, and Indian Country (DS)	3
HIST 3793	Native American History (DH)	3
9 hours from the following AMIS-related courses		9
AMIS 3713	Native American Entrepreneurship (D)	
AMIS 4000	Independent Study in American Indian Studies	
ENGL 4333	Studies in Native American Literature	
HIST 3753	Trans-Mississippi West (DH)	
HIST 3763	American Southwest (DH)	
HIST 3853	History of the North American Borderlands (DH)	
HIST 4493	Frontier in American Memory (H)	
HIST 4523	American Environmental History (H)	
GEOG 3093	Historical Geography of North America to 1800 (H)	
GEOG 3703	Geography Of Oklahoma (S)	
GEOG 4103	Historical Geography of North America since 1800 (H)	
SOC 3133	Racial and Ethnic Relations (DS)	

<b>Hours Subtotal</b>	<b>48</b>
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<b>Electives</b>	<b>10</b>
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May need to include 6 hours of a foreign language. See note 3.

May need to include 6 hours upper-division general education outside AMST, American History and American Literature (see note 2.c.) and 1 additional upper-division hour.

<b>Hours Subtotal</b>	<b>10</b>
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<b>Total Hours</b>	<b>120</b>
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## Other Requirements

- See the College of Arts and Sciences Requirements.
- **Upper-Division Credit:** Total hours must include at least 40 hours in courses numbered 3000 or above.
- **Hours in One Department:** For B.A. and B.S. degrees, no more than 54 hours in one department may be applied to degree requirements.

## College of Arts and Sciences Requirements

### 1. General Education Requirements

No more than two courses (or eight hours) from the major department (<http://catalog.okstate.edu/college-arts-sciences-major-departments/>) may be used to meet General Education and College and Departmental Requirements. The General Education required English Composition, required U.S. History, required American Government, one required MATH or STAT course, and required foreign language for B.A. degrees do not count against the two-course maximum.

### 2. A&S College/Departmental Requirements

- Arts and Humanities are defined as any course carrying an (H) designation or courses from AMST, ART, DANC, ENGL (except ENGL 3323 Technical Writing) HIST, MUSI, PHIL (except PHIL 1313 Logic and Critical Thinking (A), PHIL 3003 Symbolic Logic (A) and PHIL 4003 Mathematical Logic and Computability), REL, TH, and foreign languages.
- Natural and Mathematical Sciences are defined as any course from the following prefixes: ASTR, BIOC, BIOL, CHEM, CS (except CS 4883 Social Issues in Computing), GEOL, MATH, MICR, PBIO, PHYS, and STAT; or courses from other departments that carry an (A) or (N) general education designation.
- The required six hours of upper-division General Education may not include courses from the student's major department. This requirement may be satisfied by courses also used to satisfy any part of a student's degree program (i.e., in General Education, College Departmental Requirements, Major Requirements or Electives).
- Non-Western Studies Requirement for B.A. and B.F.A.; One 3-hour course in Non-Western Studies (N.W.). This requirement may be satisfied by courses also used to satisfy any part of a student's degree program (i.e., in General Education, College Departmental Requirements, Major Requirements or Electives).
- The College of Arts & Sciences requires a minimum 2.0 GPA in all major requirements and a minimum 2.0 GPA in all major-prefix courses applied to the degree.

### 3. Foreign Language Proficiency

- The foreign language requirement for the B.A. may be satisfied by 9 hours college credit in the same language, which must include 3 hours at the 2000-level, or equivalent proficiency (e.g., passing an advanced standing examination; TOEFL exam; presenting a high school transcript which demonstrates the high school was primarily conducted in a language other than English; etc.). Computer Science courses may not be used to satisfy this requirement. Currently Arabic and Mvskoke are not offered at the 2000-level at OSU.
- The foreign language requirement for the B.S., B.M. and B.F.A. may be satisfied by presenting a high school transcript which demonstrates two years of study of a single foreign language (passing grades at second-year level of study). It may also



be satisfied by 6 hours college credit in the same language, which must include language courses 1713 and 1813, or equivalent proficiency (e.g., passing an advanced standing examination; TOEFL exam; presenting a high school transcript which demonstrates the high school was primarily conducted in a language other than English; etc.). Computer Science courses may not be used to satisfy this requirement.

- c. In addition to a. and b., students pursuing teacher certification must meet novice-high foreign language proficiency by presenting a high school transcript which demonstrates two years of study of a single foreign language with no grade below B. Or, students may complete 3 hours college credit in a single language with no grade below C (or pass an advanced standing examination, College Level Examination Program (CLEP) exam, or Oral Proficiency Interview developed by the American Council on the Teaching of Foreign Languages, equivalent to 3 hours of college credit.) Or, students may meet the requirement by transfer of documentation of meeting the foreign language competency from one of the teacher education programs in the State of Oklahoma approved by the Oklahoma State Regents for Higher Education.

#### 4. Exclusions

- Courses used to satisfy the General Education English Composition, U.S. History, American Government, and Mathematics or Statistics requirements will not count toward the 54-hour maximum allowed from one department.
- Courses with ATHL or LEIS prefixes and leisure activity courses may not be used for degree credit.

## Additional State/OSU Requirements

- At least: 60 hours at a four-year institution; 30 hours completed at OSU; 15 of the final 30 or 50% of the upper-division hours in the major field completed at OSU.
- Limit of: one-half of major course requirements as transfer work; one-fourth of hours earned by correspondence; 8 transfer correspondence hours.
- Students will be held responsible for degree requirements in effect at the time of matriculation and any changes that are made, so long as these changes do not result in semester credit hours being added or do not delay graduation.
- Degrees that follow this plan must be completed by the end of Summer 2028.

## Example Plan of Study

### Finish in Four Plan of Study

The plan below is an **example** of how students can successfully complete degree requirements in four years. This suggested class schedule plan may be used as a guide and can be adjusted based on individual needs. Students are required to meet with an academic advisor prior to enrollment each semester to plan their class schedule, and students are ultimately responsible for completing all degree requirements.

Course	Title	Hours
<b>Freshman</b>		
<b>Fall</b>		
ENGL 1113	Composition I	3
AMST 2103	Introduction to American Studies (DH)	3
General Educations courses		9
<b>Hours</b>		<b>15</b>

<b>Spring</b>		
ENGL 1213	Composition II	3
General Education Courses		12
<b>Hours</b>		<b>15</b>
<b>Sophomore</b>		
<b>Fall</b>		
1713 First Semester Foreign Language		3
Major, College, and Elective courses		12
<b>Hours</b>		<b>15</b>
<b>Spring</b>		
1813 Second Semester Foreign Language		3
Major, College, and Elective courses		12
<b>Hours</b>		<b>15</b>
<b>Junior</b>		
<b>Fall</b>		
AMST 3223	Theories and Methods of American Studies	3
2000-level Foreign Language		3
American Indian Studies courses		6
College and Electives courses		3
<b>Hours</b>		<b>15</b>
<b>Spring</b>		
American Indian Studies courses		6
College and Electives courses		9
<b>Hours</b>		<b>15</b>
<b>Senior</b>		
<b>Fall</b>		
American Indian Studies courses		6
Major, College, and Elective courses		9
<b>Hours</b>		<b>15</b>
<b>Spring</b>		
AMST 4973	Senior Seminar in American Studies	3
American Indian Studies course		3
Major, College, and Elective courses		9
<b>Hours</b>		<b>15</b>
<b>Total Hours</b>		<b>120</b>

# American Studies: American Indian Studies, BS

## Degree Requirements

**Requirements for Students Matriculating in or before Academic Year 2022-2023.** Learn more about University Academic Regulation 3.1 (p. 943).

**Minimum Overall Grade Point Average: 2.00**

**Total Hours: 120**

Code	Title	Hours
<b>General Education Requirements</b>		
<i>English Composition</i>		
See Academic Regulation 3.5 (p. 944)		
ENGL 1113 or ENGL 1313	Composition I Critical Analysis and Writing I	3
Select one course from:		3
ENGL 1213	Composition II	
ENGL 1413	Critical Analysis and Writing II	
ENGL 3323	Technical Writing	
<i>American History &amp; Government</i>		
HIST 1103 or HIST 1483 or HIST 1493	Survey of American History American History to 1865 (H) American History Since 1865 (DH)	3
POLS 1113	American Government	3
<i>Analytical &amp; Quantitative Thought (A)</i>		
MATH or STAT	course designated (A)	3
<i>Humanities (H)</i>		
Courses designated (H)		6
<i>Natural Sciences (N)</i>		
Must include one Laboratory Science (L) course.		
Courses designated (N)		6
<i>Social &amp; Behavioral Sciences (S)</i>		
Course designated (S)		3
<i>Additional General Education</i>		
Courses designated (A), (H), (N), or (S)		10
<b>Hours Subtotal</b>		<b>40</b>
<b>Diversity (D) &amp; International Dimension (I)</b>		
May be completed in any part of the degree plan.		
At least one Diversity (D) course.		
At least one International Dimension (I) course.		
<b>College/Departmental Requirements</b>		
First Year Seminar		
(Transfer students with 15 hours exempt.)		1
<i>Arts &amp; Humanities</i>		
(See note 2.a.)		3
<i>Natural &amp; Mathematical Sciences</i>		
(See note 2.b.)		9
<i>Foreign Languages</i>		
0-6 hours		
(See note 3.)		
<i>Upper-Division General Education</i>		

6 hours outside AMST, American History and American Literature

(See note 2.c.)

**Hours Subtotal 13**

### Major Requirements

Minimum GPA 2.50. Minimum grade of "C" in all AMST upper-division courses. No more than 9 hours in Major Requirements may be taken from 2000-level courses.

AMST 3223 Theories and Methods of American Studies 3

AMST 4973 Senior Seminar in American Studies 3

*American Studies* 9

Select 9 hours (6 hours must be upper-division) AMST courses other than AMST 3223 and AMST 4973.

*American History (upper-division):* 3

HIST 3133 African Diaspora History (DH)

HIST 3613 American Colonial Period to 1750 (H)

HIST 3623 Era of the American Revolution (H)

HIST 3633 Early National Period, 1787-1828 (H)

HIST 3643 Antebellum America, 1828-1850 (H)

HIST 3653 Civil War and Reconstruction, 1850-1877

HIST 3663 U.S History 1877-1919 (H)

HIST 3673 United States History, 1919-45 (DH)

HIST 3683 United States History Since 1945 (DH)

HIST 3693 The Modern West (H)

HIST 3703 Oklahoma History (DH)

HIST 3713 Women in the American West (DH)

HIST 3753 Trans-Mississippi West (DH)

HIST 3763 American Southwest (DH)

HIST 3773 Old South (S)

HIST 3803 History of Food (H)

HIST 3853 History of the North American Borderlands (DH)

HIST 4063 Historic Preservation

HIST 4073 Digital Methods in History

HIST 4153 African American History, 1619-1865 (DH)

HIST 4163 African American History, 1865-Present (DH)

HIST 4173 Black Intellectual History (DH)

HIST 4253 U.S. Foreign Relations to 1945 (H)

HIST 4273 U.S. Foreign Relations Since 1945 (H)

HIST 4353 American Military History (H)

HIST 4453 History and Film (H)

HIST 4463 American Cultural History to 1865 (H)

HIST 4483 American Cultural History Since 1865 (H)

HIST 4493 Frontier in American Memory (H)

HIST 4503 American Urban History (H)

HIST 4513 Economic History of the US (S)

HIST 4523 American Environmental History (H)

HIST 4543 Vietnam War (HI)

HIST 4553 Gender in America (DH)

HIST 4563 Cold War (HI)

HIST 4593 America in International Perspective (H)

*American Literary and Cultural Studies (upper-division):* 3

ENGL 3153 Readings in Literature by Women (DH)

ENGL 3183	Native American Literature (DH)
ENGL 3190	Readings in Postcolonial and Multiethnic Literature
ENGL 3193	African-American Literature (DH)
ENGL 3410	Popular Fiction
ENGL 3433	Introduction to Television Studies (H)
ENGL 3453	History of American Film (H)
ENGL 3473	Race, Gender, and Ethnicity in American Film (D)
ENGL 3503	Television and American Society (DH)
ENGL 3813	Readings in the American Experience (DH)
ENGL 4093	Language in America (DS)
ENGL 4200	Studies in Early American Literature
ENGL 4210	Studies in 19th Century American Literature
ENGL 4220	Studies in 20th Century American Literature
ENGL 4230	Literature of Diversity (DH)
ENGL 4333	Studies in Native American Literature
ENGL 4400	Studies in Regional Literature
<i>Humanities and Interdisciplinary Studies:</i> 3	
AMST 3503	Television and American Society (DH)
AMST 3513	Film And American Society (H)
AMST 3550	The Arts and American Society
AMST 3673	History Of American Art (DH)
AMST 3683	Introduction to Digital Humanities
ART 3663	History of American Art (DH)
ART 3683	History of 20th Century Art (HI)
ART 4613	Art Since 1960
ART 4763	Native American Art and Material Culture
GEOG 3093	Historical Geography of North America to 1800 (H)
GEOG 3213	Geographies of New Media (H)
GEOG 4103	Historical Geography of North America since 1800 (H)
GEOG 4223	Geography of Music (H)
GWST 2123	Introduction to Gender Studies (DH)
GWST 3513	Theorizing Sexualities (D)
GWST 3613	Race and Reproduction in the U.S. (D)
GWST 3713	Gender and Representation (D)
GWST 4113	Feminist Theories
GWST 4503	Theorizing Men and Masculinities
MUSI 3573	America's Ethnic Music (DH)
MUSI 3741	Survey of Rock and Roll I
MUSI 3751	Survey of Rock and Roll II
PHIL 2043	Philosophy of Film (H)
PHIL 2053	Philosophy in Literature (H)
PHIL 2513	Philosophy and Culture (H)
PHIL 3413	Ethical Theory (H)
PHIL 3513	Social Philosophy (H)
PHIL 3613	Philosophy of Religion (H)
PHIL 3623	Philosophy of Race (DH)
PHIL 3633	MLK, Malcolm X, & Philosophy of Race (DH)

PHIL 3773	Social Media Today (H)
PHIL 3813	American Philosophy (H)
PHIL 3843	Philosophy of Law (H)
PHIL 3853	Pragmatism (H)
PHIL 4113	Philosophy and the Arts (H)
REL 3573	The Religions of Native Americans (DH)
REL 4033	American Christianity through the Colonial Period (H)
<i>Social Sciences:</i> 3	
AMST 3333	Crime, Law and American Culture (S)
AMST 4103	The Death Penalty in America (S)
ECON 3823	American Economy: The Past and Present (S)
ECON 4913	Urban and Regional Economics
GEOG 3123	Urban Geography (S)
GEOG 3133	Political Geography (IS)
GEOG 3163	Economic Geography (S)
GEOG 3173	Cultural Geography (S)
GEOG 3243	Legal Geography of Native America, Sovereign Tribal Nations, and Indian Country (DS)
GEOG 3703	Geography Of Oklahoma (S)
GEOG 3713	Exploring North America and Diversity (DS)
GEOG 4113	Environment and Development
GEOG 4143	Geography of Travel and Tourism
GEOG 4213	Sport, Place and Society (S)
GWST 2113	Transnational Women's Studies (S)
POLS 2023	The Individual And The Law
POLS 3353	Political Parties
POLS 3423	Voting and Elections
POLS 3443	Pol Campaigns And Candidacy
POLS 3453	U.S. Congress
POLS 3483	The American Presidency
POLS 3493	Public Policy
POLS 3513	Public Opinion and Polling
POLS 3523	Money, Media And Politics
POLS 3533	Lobbying: the Art of Influence and Manipulation
POLS 3613	State and Local Government
POLS 3663	Introduction to Political Thought
POLS 3683	Politics in Contemporary Film
POLS 3953	Minorities in the American Political System (DS)
POLS 3963	State Courts and the Bar
POLS 3973	Race, Politics and Sports (D)
POLS 3983	Courts and Judicial Process (S)
POLS 4000	Advanced Topics in American Politics
POLS 4013	American Foreign Policy
POLS 4223	Social Movements
POLS 4403	Urban Politics and Management
POLS 4553	American Political Thought
POLS 4573	Democratic Theory
POLS 4623	Oklahoma Politics (S)

POLS 4693	Gender and Politics	
POLS 4963	U.S. Constitution: Civil Rights and Civil Liberties	
POLS 4973	U.S. Constitution: Separation of Powers	
SOC 2123	Social Problems (DS)	
SOC 3133	Racial and Ethnic Relations (DS)	
SOC 3323	Collective Behavior and Social Movements	
SOC 3523	Juvenile Delinquency (DS)	
SOC 3713	Religion, Culture and Society	
SOC 3993	Sociology of Aging (DS)	
SOC 4043	Gender and Work (DS)	
SOC 4103	The Death Penalty in America (S)	
SOC 4213	Sociology of Sexualities (S)	
SOC 4333	Criminology (S)	
SOC 4383	Social Stratification (S)	
SOC 4433	Environmental Sociology (S)	
SOC 4453	Environmental Inequality (S)	
SOC 4463	Technology and Society	
SOC 4473	Oklahoma Environmental Sociology	
SOC 4643	Sociology of Gender (S)	
SOC 4723	Sociology of Families (S)	

*American Indian Studies:*

AMIS 4013	American Indian Sovereignty (D)	3
ENGL 3183	Native American Literature (DH)	3
GEOG 3243	Legal Geography of Native America, Sovereign Tribal Nations, and Indian Country (DS)	3
HIST 3793	Native American History (DH)	3
9 hours from the following AMIS-related courses:		9
AMIS 3713	Native American Entrepreneurship (D)	
AMIS 4000	Independent Study in American Indian Studies	
ENGL 4333	Studies in Native American Literature	
HIST 3753	Trans-Mississippi West (DH)	
HIST 3763	American Southwest (DH)	
HIST 3853	History of the North American Borderlands (DH)	
HIST 4493	Frontier in American Memory (H)	
HIST 4523	American Environmental History (H)	
GEOG 3093	Historical Geography of North America to 1800 (H)	
GEOG 3703	Geography Of Oklahoma (S)	
GEOG 4103	Historical Geography of North America since 1800 (H)	
SOC 3133	Racial and Ethnic Relations (DS)	

<b>Hours Subtotal</b>	<b>48</b>
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**Electives**

19 hours of Electives	19
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May need to include 6 hours of a foreign language. See note 3.

May need to include 6 hours upper-division general education outside AMST, American History and American Literature (see note 2.c.) and 1 additional upper-division hour.

<b>Hours Subtotal</b>	<b>19</b>
<b>Total Hours</b>	<b>120</b>

## Other Requirements

- See the College of Arts and Sciences Requirements.
- **Upper-Division Credit:** Total hours must include at least 40 hours in courses numbered 3000 or above.
- **Hours in One Department:** For B.A. and B.S. degrees, no more than 54 hours in one department may be applied to degree requirements.

## College of Arts and Sciences Requirements

### 1. General Education Requirements

No more than two courses (or eight hours) from the major department (<http://catalog.okstate.edu/college-arts-sciences-major-departments/>) may be used to meet General Education and College and Departmental Requirements. The General Education required English Composition, required U.S. History, required American Government, one required MATH or STAT course, and required foreign language for B.A. degrees do not count against the two-course maximum.

### 2. A&S College/Departmental Requirements

- Arts and Humanities are defined as any course carrying an (H) designation or courses from AMST, ART, DANC, ENGL (except ENGL 3323 Technical Writing) HIST, MUSI, PHIL (except PHIL 1313 Logic and Critical Thinking (A), PHIL 3003 Symbolic Logic (A) and PHIL 4003 Mathematical Logic and Computability), REL, TH, and foreign languages.
- Natural and Mathematical Sciences are defined as any course from the following prefixes: ASTR, BIOC, BIOL, CHEM, CS (except CS 4883 Social Issues in Computing), GEOL, MATH, MICR, PBIO, PHYS, and STAT; or courses from other departments that carry an (A) or (N) general education designation.
- The required six hours of upper-division General Education may not include courses from the student's major department. This requirement may be satisfied by courses also used to satisfy any part of a student's degree program (i.e., in General Education, College Departmental Requirements, Major Requirements or Electives).
- Non-Western Studies Requirement for B.A. and B.F.A.; One 3-hour course in Non-Western Studies (N.W.). This requirement may be satisfied by courses also used to satisfy any part of a student's degree program (i.e., in General Education, College Departmental Requirements, Major Requirements or Electives).
- The College of Arts & Sciences requires a minimum 2.0 GPA in all major requirements and a minimum 2.0 GPA in all major-prefix courses applied to the degree.

### 3. Foreign Language Proficiency

- The foreign language requirement for the B.A. may be satisfied by 9 hours college credit in the same language, which must include 3 hours at the 2000-level, or equivalent proficiency (e.g., passing an advanced standing examination; TOEFL exam; presenting a high school transcript which demonstrates the high school was primarily conducted in a language other than English; etc.). Computer Science courses may not be used to satisfy this requirement. Currently Arabic and Mvskoke are not offered at the 2000-level at OSU.

- b. The foreign language requirement for the B.S., B.M. and B.F.A. may be satisfied by presenting a high school transcript which demonstrates two years of study of a single foreign language (passing grades at second-year level of study). It may also be satisfied by 6 hours college credit in the same language, which must include language courses 1713 and 1813, or equivalent proficiency (e.g., passing an advanced standing examination; TOEFL exam; presenting a high school transcript which demonstrates the high school was primarily conducted in a language other than English; etc.). Computer Science courses may not be used to satisfy this requirement.
- c. In addition to a. and b., students pursuing teacher certification must meet novice-high foreign language proficiency by presenting a high school transcript which demonstrates two years of study of a single foreign language with no grade below B. Or, students may complete 3 hours college credit in a single language with no grade below C (or pass an advanced standing examination, College Level Examination Program (CLEP) exam, or Oral Proficiency Interview developed by the American Council on the Teaching of Foreign Languages, equivalent to 3 hours of college credit.) Or, students may meet the requirement by transfer of documentation of meeting the foreign language competency from one of the teacher education programs in the State of Oklahoma approved by the Oklahoma State Regents for Higher Education.

#### 4. Exclusions

- a. Courses used to satisfy the General Education English Composition, U.S. History, American Government, and Mathematics or Statistics requirements will not count toward the 54-hour maximum allowed from one department.
- b. Courses with ATHL or LEIS prefixes and leisure activity courses may not be used for degree credit.

## Additional State/OSU Requirements

- At least: 60 hours at a four-year institution; 30 hours completed at OSU; 15 of the final 30 or 50% of the upper-division hours in the major field completed at OSU.
- Limit of: one-half of major course requirements as transfer work; one-fourth of hours earned by correspondence; 8 transfer correspondence hours.
- Students will be held responsible for degree requirements in effect at the time of matriculation and any changes that are made, so long as these changes do not result in semester credit hours being added or do not delay graduation.
- Degrees that follow this plan must be completed by the end of Summer 2028.

## Example Plan of Study

### Finish in Four Plan of Study

The plan below is an **example** of how students can successfully complete degree requirements in four years. This suggested class schedule plan may be used as a guide and can be adjusted based on individual needs. Students are required to meet with an academic advisor prior to enrollment each semester to plan their class schedule, and students are ultimately responsible for completing all degree requirements.

Course	Title	Hours
<b>Freshman</b>		
<b>Fall</b>		
ENGL 1113	Composition I	3
AMST 2103	Introduction to American Studies (DH)	3
General Educations courses		9
<b>Hours</b>		<b>15</b>
<b>Spring</b>		
ENGL 1213	Composition II	3
General Education Courses		12
<b>Hours</b>		<b>15</b>
<b>Sophomore</b>		
<b>Fall</b>		
Major, College, and Elective courses		15
<b>Hours</b>		<b>15</b>
<b>Spring</b>		
Major, College, and Elective courses		15
<b>Hours</b>		<b>15</b>
<b>Junior</b>		
<b>Fall</b>		
AMST 3223	Theories and Methods of American Studies	3
American Indian Studies courses		6
College and Electives courses		6
<b>Hours</b>		<b>15</b>
<b>Spring</b>		
American Indian Studies courses		6
College and Electives courses		9
<b>Hours</b>		<b>15</b>
<b>Senior</b>		
<b>Fall</b>		
American Indian Studies courses		6
Major, College, and Elective courses		9
<b>Hours</b>		<b>15</b>
<b>Spring</b>		
AMST 4973	Senior Seminar in American Studies	3
American Indian Studies course		3
Major, College, and Elective courses		9
<b>Hours</b>		<b>15</b>
<b>Total Hours</b>		<b>120</b>



# American Studies: Business Essentials, BA

## Degree Requirements

**Requirements for Students Matriculating in or before Academic Year 2022-2023.** Learn more about University Academic Regulation 3.1 (p. 943).

**Minimum Overall Grade Point Average: 2.00**

**Total Hours: 120**

Code	Title	Hours
<b>General Education Requirements</b>		
<i>English Composition</i>		
See Academic Regulation 3.5 (p. 944)		
ENGL 1113 or ENGL 1313	Composition I Critical Analysis and Writing I	3
Select one of the following:		3
ENGL 1213	Composition II	
ENGL 1413	Critical Analysis and Writing II	
ENGL 3323	Technical Writing	
<i>American History &amp; Government</i>		
HIST 1103 or HIST 1483 or HIST 1493	Survey of American History American History to 1865 (H) American History Since 1865 (DH)	3
POLS 1113	American Government	3
<i>Analytical &amp; Quantitative Thought (A)</i>		
MATH 1483	Mathematical Functions and Their Uses (A) (or higher, excluding MATH 1493)	3
<i>Humanities (H)</i>		
Courses designated (H)		6
<i>Natural Sciences (N)</i>		
Must include one Laboratory Science (L) course.		
Courses designated (N) with one (L)		6
<i>Social &amp; Behavioral Sciences (S)</i>		
Course designated (S)		3
<i>Additional General Education</i>		
Courses designated A, H, N or S		10
<b>Hours Subtotal</b>		<b>40</b>
<b>Diversity (D) &amp; International Dimension (I)</b>		
May be completed in any part of the degree plan.		
At least one Diversity (D) course.		
At least one International Dimension (I) course.		
<b>College/Departmental Requirements</b>		
<i>First Year Seminar</i>		
(Transfer students with 15 hours exempt.)		1
<i>Arts &amp; Humanities</i>		
(See note 2.a.)		9
<i>Natural &amp; Mathematical Sciences</i>		
(See note 2.b.)		3
<i>Foreign Languages</i>		
(See note 3.)		9
<i>Non-Western Studies</i>		

(See note 2.d.)

*Upper-Division General Education*

6 hours outside major department

(See note 2.c.)

**Hours Subtotal** **22**

### Major Requirements

Minimum GPA 2.50. Minimum grade of "C" in all AMST upper-division courses.

No more than 9 hours in Major Requirements may be taken from 2000-level courses.

AMST 3223	Theories and Methods of American Studies	3
AMST 4973	Senior Seminar in American Studies	3
9 hours (6 hours must be upper-division):		9

AMST courses other than AMST 3223 and AMST 4973 and courses listed in the following four categories:

*American History (3 hours must be upper-division)* **6**

HIST 2333	American Thought and Culture: Survey (H)	
HIST 2343	Religion in America (DH)	
HIST 3133	African Diaspora History (DH)	
HIST 3613	American Colonial Period to 1750 (H)	
HIST 3623	Era of the American Revolution (H)	
HIST 3633	Early National Period, 1787-1828 (H)	
HIST 3643	Antebellum America, 1828-1850 (H)	
HIST 3653	Civil War and Reconstruction, 1850-1877	
HIST 3663	U.S History 1877-1919 (H)	
HIST 3673	United States History, 1919-45 (DH)	
HIST 3683	United States History Since 1945 (DH)	
HIST 3693	The Modern West (H)	
HIST 3703	Oklahoma History (DH)	
HIST 3713	Women in the American West (DH)	
HIST 3753	Trans-Mississippi West (DH)	
HIST 3763	American Southwest (DH)	
HIST 3773	Old South (S)	
HIST 3793	Native American History (DH)	
HIST 3803	History of Food (H)	
HIST 3853	History of the North American Borderlands (DH)	
HIST 4063	Historic Preservation	
HIST 4073	Digital Methods in History	
HIST 4153	African American History, 1619-1865 (DH)	
HIST 4163	African American History, 1865-Present (DH)	
HIST 4173	Black Intellectual History (DH)	
HIST 4253	U.S. Foreign Relations to 1945 (H)	
HIST 4273	U.S. Foreign Relations Since 1945 (H)	
HIST 4333	History of Sexuality in the United States (D)	
HIST 4353	American Military History (H)	
HIST 4453	History and Film (H)	
HIST 4463	American Cultural History to 1865 (H)	
HIST 4483	American Cultural History Since 1865 (H)	
HIST 4493	Frontier in American Memory (H)	
HIST 4503	American Urban History (H)	
HIST 4513	Economic History of the US (S)	



HIST 4523	American Environmental History (H)	
HIST 4543	Vietnam War (HI)	
HIST 4553	Gender in America (DH)	
HIST 4563	Cold War (HI)	
HIST 4593	America in International Perspective (H)	
<i>American Literary and Cultural Studies (3 hours must be upper-division)</i>		6
ENGL 2453	Introduction to Film and Television (H)	
ENGL 2773	Survey of American Literature I (H)	
ENGL 2883	Survey of American Literature II (DH)	
ENGL 3153	Readings in Literature by Women (DH)	
ENGL 3183	Native American Literature (DH)	
ENGL 3190	Readings in Postcolonial and Multiethnic Literature	
ENGL 3193	African-American Literature (DH)	
ENGL 3410	Popular Fiction	
ENGL 3433	Introduction to Television Studies (H)	
ENGL 3453	History of American Film (H)	
ENGL 3473	Race, Gender, and Ethnicity in American Film (D)	
ENGL 3503	Television and American Society (DH)	
ENGL 3813	Readings in the American Experience (DH)	
ENGL 4093	Language in America (DS)	
ENGL 4200	Studies in Early American Literature	
ENGL 4210	Studies in 19th Century American Literature	
ENGL 4220	Studies in 20th Century American Literature	
ENGL 4230	Literature of Diversity (DH)	
ENGL 4400	Studies in Regional Literature	
<i>Humanities and Interdisciplinary Studies</i>		6
AFAM 1113	Introduction to Africana Studies (DH)	
AMIS 2013	Introduction to American Indian Studies (D)	
AMIS 4013	American Indian Sovereignty (D)	
AMST 3503	Television and American Society (DH)	
AMST 3513	Film And American Society (H)	
AMST 3550	The Arts and American Society	
AMST 3673	History Of American Art (DH)	
AMST 3683	Introduction to Digital Humanities	
ART 3663	History of American Art (DH)	
ART 3683	History of 20th Century Art (HI)	
ART 4613	Art Since 1960	
ART 4763	Native American Art and Material Culture	
GEOG 3093	Historical Geography of North America to 1800 (H)	
GEOG 3213	Geographies of New Media (H)	
GEOG 4103	Historical Geography of North America since 1800 (H)	
GEOG 4223	Geography of Music (H)	
GWST 2123	Introduction to Gender Studies (DH)	
GWST 3513	Theorizing Sexualities (D)	
GWST 3613	Race and Reproduction in the U.S. (D)	
GWST 3713	Gender and Representation (D)	
GWST 4113	Feminist Theories	
GWST 4503	Theorizing Men and Masculinities	
MUSI 3573	America's Ethnic Music (DH)	
MUSI 3741	Survey of Rock and Roll I	
MUSI 3751	Survey of Rock and Roll II	
PHIL 2043	Philosophy of Film (H)	
PHIL 2053	Philosophy in Literature (H)	
PHIL 2513	Philosophy and Culture (H)	
PHIL 3413	Ethical Theory (H)	
PHIL 3513	Social Philosophy (H)	
PHIL 3613	Philosophy of Religion (H)	
PHIL 3623	Philosophy of Race (DH)	
PHIL 3633	MLK, Malcolm X, & Philosophy of Race (DH)	
PHIL 3773	Social Media Today (H)	
PHIL 3813	American Philosophy (H)	
PHIL 4113	Philosophy and the Arts (H)	
REL 4033	American Christianity through the Colonial Period (H)	
<i>Social Sciences</i>		6
AMST 3333	Crime, Law and American Culture (S)	
AMST 4103	The Death Penalty in America (S)	
ECON 3823	American Economy: The Past and Present (S)	
ECON 4913	Urban and Regional Economics	
GEOG 3123	Urban Geography (S)	
GEOG 3133	Political Geography (IS)	
GEOG 3163	Economic Geography (S)	
GEOG 3173	Cultural Geography (S)	
GEOG 3243	Legal Geography of Native America, Sovereign Tribal Nations, and Indian Country (DS)	
GEOG 3703	Geography Of Oklahoma (S)	
GEOG 3713	Exploring North America and Diversity (DS)	
GEOG 4113	Environment and Development	
GEOG 4143	Geography of Travel and Tourism	
GEOG 4213	Sport, Place and Society (S)	
GWST 2113	Transnational Women's Studies (S)	
POLS 2023	The Individual And The Law	
POLS 3353	Political Parties	
POLS 3423	Voting and Elections	
POLS 3443	Pol Campaigns And Candidacy	
POLS 3453	U.S. Congress	
POLS 3483	The American Presidency	
POLS 3493	Public Policy	
POLS 3513	Public Opinion and Polling	
POLS 3523	Money, Media And Politics	
POLS 3533	Lobbying: the Art of Influence and Manipulation	
POLS 3613	State and Local Government	
POLS 3683	Politics in Contemporary Film	
POLS 3953	Minorities in the American Political System (DS)	
POLS 3963	State Courts and the Bar	

POLS 3973	Race, Politics and Sports (D)	
POLS 3983	Courts and Judicial Process (S)	
POLS 4000	Advanced Topics in American Politics	
POLS 4013	American Foreign Policy	
POLS 4223	Social Movements	
POLS 4403	Urban Politics and Management	
POLS 4553	American Political Thought	
POLS 4573	Democratic Theory	
POLS 4623	Oklahoma Politics (S)	
POLS 4693	Gender and Politics	
POLS 4963	U.S. Constitution: Civil Rights and Civil Liberties	
POLS 4973	U.S. Constitution: Separation of Powers	
SOC 2123	Social Problems (DS)	
SOC 3133	Racial and Ethnic Relations (DS)	
SOC 3323	Collective Behavior and Social Movements	
SOC 3523	Juvenile Delinquency (DS)	
SOC 3713	Religion, Culture and Society	
SOC 3993	Sociology of Aging (DS)	
SOC 4043	Gender and Work (DS)	
SOC 4103	The Death Penalty in America (S)	
SOC 4213	Sociology of Sexualities (S)	
SOC 4333	Criminology (S)	
SOC 4383	Social Stratification (S)	
SOC 4433	Environmental Sociology (S)	
SOC 4453	Environmental Inequality (S)	
SOC 4463	Technology and Society	
SOC 4473	Oklahoma Environmental Sociology	
SOC 4643	Sociology of Gender (S)	
SOC 4723	Sociology of Families (S)	
<b>Business Essentials</b>		
ACCT 2003	Survey of Accounting	3
MGMT 3013	Fundamentals of Management (S)	3
MKTG 3213	Marketing (S)	3
3 hours from:		3
ECON 2003	Microeconomic Principles for Business	
EEE 2023	Introduction to Entrepreneurship	
LSB 3213	Legal and Regulatory Environment of Business	
MSIS 2103	Business Data Science Technologies	
<b>Hours Subtotal</b>		<b>51</b>
<b>Electives</b>		
May need to include 6 hours upper-division general education outside AMST, American History and American Literature. See note 2.c.		
7 hours of Electives		7
<b>Hours Subtotal</b>		<b>7</b>
<b>Total Hours</b>		<b>120</b>

## Other Requirements

- See the College of Arts and Sciences Requirements.
- **Upper-Division Credit:** Total hours must include at least 40 hours in courses numbered 3000 or above.

- **Hours in One Department:** For B.A. and B.S. degrees, no more than 54 hours in one department may be applied to degree requirements.

## College of Arts and Sciences Requirements

### 1. General Education Requirements

No more than two courses (or eight hours) from the major department (<http://catalog.okstate.edu/college-arts-sciences-major-departments/>) may be used to meet General Education and College and Departmental Requirements. The General Education required English Composition, required U.S. History, required American Government, one required MATH or STAT course, and required foreign language for B.A. degrees do not count against the two-course maximum.

### 2. A&S College/Departmental Requirements

- Arts and Humanities are defined as any course carrying an (H) designation or courses from AMST, ART, DANC, ENGL (except ENGL 3323 Technical Writing) HIST, MUSI, PHIL (except PHIL 1313 Logic and Critical Thinking (A), PHIL 3003 Symbolic Logic (A) and PHIL 4003 Mathematical Logic and Computability), REL, TH, and foreign languages.
- Natural and Mathematical Sciences are defined as any course from the following prefixes: ASTR, BIOC, BIOL, CHEM, CS (except CS 4883 Social Issues in Computing), GEOL, MATH, MICR, PBIO, PHYS, and STAT; or courses from other departments that carry an (A) or (N) general education designation.
- The required six hours of upper-division General Education may not include courses from the student's major department. This requirement may be satisfied by courses also used to satisfy any part of a student's degree program (i.e., in General Education, College Departmental Requirements, Major Requirements or Electives).
- Non-Western Studies Requirement for B.A. and B.F.A.; One 3-hour course in Non-Western Studies (N.W.). This requirement may be satisfied by courses also used to satisfy any part of a student's degree program (i.e., in General Education, College Departmental Requirements, Major Requirements or Electives).
- The College of Arts & Sciences requires a minimum 2.0 GPA in all major requirements and a minimum 2.0 GPA in all major-prefix courses applied to the degree.

### 3. Foreign Language Proficiency

- The foreign language requirement for the B.A. may be satisfied by 9 hours college credit in the same language, which must include 3 hours at the 2000-level, or equivalent proficiency (e.g., passing an advanced standing examination; TOEFL exam; presenting a high school transcript which demonstrates the high school was primarily conducted in a language other than English; etc.). Computer Science courses may not be used to satisfy this requirement. Currently Arabic and Mvskoke are not offered at the 2000-level at OSU.
- The foreign language requirement for the B.S., B.M. and B.F.A. may be satisfied by presenting a high school transcript which demonstrates two years of study of a single foreign language (passing grades at second-year level of study). It may also be satisfied by 6 hours college credit in the same language, which must include language courses 1713 and 1813, or equivalent proficiency (e.g., passing an advanced standing examination; TOEFL exam; presenting a high school transcript which demonstrates the high school was primarily conducted in

a language other than English; etc.). Computer Science courses may not be used to satisfy this requirement.

- c. In addition to a. and b., students pursuing teacher certification must meet novice-high foreign language proficiency by presenting a high school transcript which demonstrates two years of study of a single foreign language with no grade below B. Or, students may complete 3 hours college credit in a single language with no grade below C (or pass an advanced standing examination, College Level Examination Program (CLEP) exam, or Oral Proficiency Interview developed by the American Council on the Teaching of Foreign Languages, equivalent to 3 hours of college credit.) Or, students may meet the requirement by transfer of documentation of meeting the foreign language competency from one of the teacher education programs in the State of Oklahoma approved by the Oklahoma State Regents for Higher Education.

#### 4. Exclusions

- Courses used to satisfy the General Education English Composition, U.S. History, American Government, and Mathematics or Statistics requirements will not count toward the 54-hour maximum allowed from one department.
- Courses with ATHL or LEIS prefixes and leisure activity courses may not be used for degree credit.

## Additional State/OSU Requirements

- At least: 60 hours at a four-year institution; 30 hours completed at OSU; 15 of the final 30 or 50% of the upper-division hours in the major field completed at OSU.
- Limit of: one-half of major course requirements as transfer work; one-fourth of hours earned by correspondence; 8 transfer correspondence hours.
- Students will be held responsible for degree requirements in effect at the time of matriculation and any changes that are made, so long as these changes do not result in semester credit hours being added or do not delay graduation.
- Degrees that follow this plan must be completed by the end of Summer 2028.

## Example Plan of Study

### Finish in Four Plan of Study

The plan below is an **example** of how students can successfully complete degree requirements in four years. This suggested class schedule plan may be used as a guide and can be adjusted based on individual needs. Students are required to meet with an academic advisor prior to enrollment each semester to plan their class schedule, and students are ultimately responsible for completing all degree requirements.

Course	Title	Hours
<b>Freshman</b>		
<b>Fall</b>		
ENGL 1113	Composition I	3
AMST 2103	Introduction to American Studies (DH)	3
General Educations courses		9
<b>Hours</b>		<b>15</b>
<b>Spring</b>		
ENGL 1213	Composition II	3
General Education Courses		12
<b>Hours</b>		<b>15</b>

### Sophomore

<b>Fall</b>		
1713 First Semester Foreign Language		3
Major, College, and Elective courses		12
<b>Hours</b>		<b>15</b>
<b>Spring</b>		
1813 Second Semester Foreign Language		3
Major, College, and Elective courses		12
<b>Hours</b>		<b>15</b>
<b>Junior</b>		
<b>Fall</b>		
AMST 3223	Theories and Methods of American Studies	3
2000-level Foreign Language		3
College and Electives courses		9
<b>Hours</b>		<b>15</b>
<b>Spring</b>		
Major, College, and Elective courses		15
<b>Hours</b>		<b>15</b>
<b>Senior</b>		
<b>Fall</b>		
Major, College, and Elective courses		15
<b>Hours</b>		<b>15</b>
<b>Spring</b>		
AMST 4973	Senior Seminar in American Studies	3
Major, College, and Elective courses		12
<b>Hours</b>		<b>15</b>
<b>Total Hours</b>		<b>120</b>

# American Studies: Business Essentials, BS

## Degree Requirements

**Requirements for Students Matriculating in or before Academic Year 2022-2023.** Learn more about University Academic Regulation 3.1 (p. 943).

**Minimum Overall Grade Point Average: 2.00**

**Total Hours: 120**

Code	Title	Hours
<b>General Education Requirements</b>		
<i>English Composition</i>		
See Academic Regulation 3.5 (p. 944)		
ENGL 1113 or ENGL 1313	Composition I Critical Analysis and Writing I	3
Select one course from:		3
ENGL 1213	Composition II	
ENGL 1413	Critical Analysis and Writing II	
ENGL 3323	Technical Writing	
<i>American History &amp; Government</i>		
HIST 1103 or HIST 1483 or HIST 1493	Survey of American History American History to 1865 (H) American History Since 1865 (DH)	3
POLS 1113	American Government	3
<i>Analytical &amp; Quantitative Thought (A)</i>		
MATH 1483	Mathematical Functions and Their Uses (A) (or higher, excluding MATH 1493)	3
<i>Humanities (H)</i>		
Courses designated (H)		6
<i>Natural Sciences (N)</i>		
Must include one Laboratory Science (L) course.		
Courses designated (N)		6
<i>Social &amp; Behavioral Sciences (S)</i>		
Course designated (S)		3
Additional General Education		
Courses designated (A), (H), (N) or (S)		10
<b>Hours Subtotal</b>		<b>40</b>
<b>Diversity (D) &amp; International Dimension (I)</b>		
May be completed in any part of the degree plan.		
At least one Diversity (D) course.		
At least one International Dimension (I) course.		
<b>College/Departmental Requirements</b>		
First Year Seminar (Transfer students with 15 hours exempt.)		
		1
<i>Arts &amp; Humanities</i>		
(See note 2.a.)		3
<i>Natural &amp; Mathematical Sciences</i>		
(See note 2.b.)		9
<i>Foreign Languages</i>		
0-6 hours (See note 3.)		

### Upper-Division General Education

6 hours outside AMST, American History and American Literature

(See note 2.c.)

**Hours Subtotal** **13**

### Major Requirements

Minimum GPA 2.50. Minimum grade of "C" in all AMST upper-division courses.

No more than 9 hours in Major Requirements may be taken from 2000-level courses.

AMST 3223	Theories and Methods of American Studies	3
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AMST 4973	Senior Seminar in American Studies	3
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9 hours (6 hours must be upper-division): 9

AMST courses other than AMST 3223 and AMST 4973 and courses listed in the following four categories:

*American History (3 hours must be upper-division):* 6

HIST 2333	American Thought and Culture: Survey (H)	
HIST 2343	Religion in America (DH)	
HIST 3133	African Diaspora History (DH)	
HIST 3613	American Colonial Period to 1750 (H)	
HIST 3623	Era of the American Revolution (H)	
HIST 3633	Early National Period, 1787-1828 (H)	
HIST 3643	Antebellum America, 1828-1850 (H)	
HIST 3653	Civil War and Reconstruction, 1850-1877	
HIST 3663	U.S History 1877-1919 (H)	
HIST 3673	United States History, 1919-45 (DH)	
HIST 3683	United States History Since 1945 (DH)	
HIST 3693	The Modern West (H)	
HIST 3703	Oklahoma History (DH)	
HIST 3713	Women in the American West (DH)	
HIST 3753	Trans-Mississippi West (DH)	
HIST 3763	American Southwest (DH)	
HIST 3773	Old South (S)	
HIST 3793	Native American History (DH)	
HIST 3803	History of Food (H)	
HIST 3853	History of the North American Borderlands (DH)	
HIST 4063	Historic Preservation	
HIST 4073	Digital Methods in History	
HIST 4153	African American History, 1619-1865 (DH)	
HIST 4163	African American History, 1865-Present (DH)	
HIST 4173	Black Intellectual History (DH)	
HIST 4253	U.S. Foreign Relations to 1945 (H)	
HIST 4273	U.S. Foreign Relations Since 1945 (H)	
HIST 4333	History of Sexuality in the United States (D)	
HIST 4353	American Military History (H)	
HIST 4453	History and Film (H)	
HIST 4463	American Cultural History to 1865 (H)	
HIST 4483	American Cultural History Since 1865 (H)	
HIST 4493	Frontier in American Memory (H)	
HIST 4503	American Urban History (H)	
HIST 4513	Economic History of the US (S)	
HIST 4523	American Environmental History (H)	

HIST 4543	Vietnam War (HI)	GWST 4503	Theorizing Men and Masculinities
HIST 4553	Gender in America (DH)	MUSI 3573	America's Ethnic Music (DH)
HIST 4563	Cold War (HI)	MUSI 3741	Survey of Rock and Roll I
HIST 4593	America in International Perspective (H)	MUSI 3751	Survey of Rock and Roll II
<i>American Literary and Cultural Studies (3 hours must be upper-division):</i>		PHIL 2043	Philosophy of Film (H)
ENGL 2453	Introduction to Film and Television (H)	PHIL 2053	Philosophy in Literature (H)
ENGL 2773	Survey of American Literature I (H)	PHIL 2513	Philosophy and Culture (H)
ENGL 2883	Survey of American Literature II (DH)	PHIL 3413	Ethical Theory (H)
ENGL 3153	Readings in Literature by Women (DH)	PHIL 3513	Social Philosophy (H)
ENGL 3183	Native American Literature (DH)	PHIL 3613	Philosophy of Religion (H)
ENGL 3190	Readings in Postcolonial and Multiethnic Literature	PHIL 3623	Philosophy of Race (DH)
ENGL 3193	African-American Literature (DH)	PHIL 3633	MLK, Malcolm X, & Philosophy of Race (DH)
ENGL 3410	Popular Fiction	PHIL 3773	Social Media Today (H)
ENGL 3433	Introduction to Television Studies (H)	PHIL 3813	American Philosophy (H)
ENGL 3453	History of American Film (H)	PHIL 3843	Philosophy of Law (H)
ENGL 3473	Race, Gender, and Ethnicity in American Film (D)	PHIL 3853	Pragmatism (H)
ENGL 3503	Television and American Society (DH)	PHIL 4113	Philosophy and the Arts (H)
ENGL 3813	Readings in the American Experience (DH)	REL 4033	American Christianity through the Colonial Period (H)
ENGL 4093	Language in America (DS)	<i>Social Sciences:</i>	
ENGL 4200	Studies in Early American Literature	AMST 3333	Crime, Law and American Culture (S)
ENGL 4210	Studies in 19th Century American Literature	AMST 4103	The Death Penalty in America (S)
ENGL 4220	Studies in 20th Century American Literature	ECON 3823	American Economy: The Past and Present (S)
ENGL 4230	Literature of Diversity (DH)	ECON 4913	Urban and Regional Economics
ENGL 4400	Studies in Regional Literature	GEOG 3123	Urban Geography (S)
<i>Humanities and Interdisciplinary Studies:</i>		GEOG 3133	Political Geography (IS)
AFAM 1113	Introduction to Africana Studies (DH)	GEOG 3163	Economic Geography (S)
AMIS 2013	Introduction to American Indian Studies (D)	GEOG 3173	Cultural Geography (S)
AMIS 4013	American Indian Sovereignty (D)	GEOG 3243	Legal Geography of Native America, Sovereign Tribal Nations, and Indian Country (DS)
AMST 3503	Television and American Society (DH)	GEOG 3703	Geography Of Oklahoma (S)
AMST 3513	Film And American Society (H)	GEOG 3713	Exploring North America and Diversity (DS)
AMST 3550	The Arts and American Society	GEOG 4113	Environment and Development
AMST 3673	History Of American Art (DH)	GEOG 4143	Geography of Travel and Tourism
AMST 3683	Introduction to Digital Humanities	GEOG 4213	Sport, Place and Society (S)
ART 3663	History of American Art (DH)	GWST 2113	Transnational Women's Studies (S)
ART 3683	History of 20th Century Art (HI)	POLS 2023	The Individual And The Law
ART 4613	Art Since 1960	POLS 3353	Political Parties
ART 4763	Native American Art and Material Culture	POLS 3423	Voting and Elections
GEOG 3093	Historical Geography of North America to 1800 (H)	POLS 3443	Pol Campaigns And Candidacy
GEOG 3213	Geographies of New Media (H)	POLS 3453	U.S. Congress
GEOG 4103	Historical Geography of North America since 1800 (H)	POLS 3483	The American Presidency
GEOG 4223	Geography of Music (H)	POLS 3493	Public Policy
GWST 2123	Introduction to Gender Studies (DH)	POLS 3513	Public Opinion and Polling
GWST 3513	Theorizing Sexualities (D)	POLS 3523	Money, Media And Politics
GWST 3613	Race and Reproduction in the U.S. (D)	POLS 3533	Lobbying: the Art of Influence and Manipulation
GWST 3713	Gender and Representation (D)	POLS 3613	State and Local Government
GWST 4113	Feminist Theories	POLS 3663	Introduction to Political Thought
		POLS 3683	Politics in Contemporary Film



POLS 3953	Minorities in the American Political System (DS)	
POLS 3963	State Courts and the Bar	
POLS 3973	Race, Politics and Sports (D)	
POLS 3983	Courts and Judicial Process (S)	
POLS 4000	Advanced Topics in American Politics	
POLS 4013	American Foreign Policy	
POLS 4223	Social Movements	
POLS 4403	Urban Politics and Management	
POLS 4553	American Political Thought	
POLS 4573	Democratic Theory	
POLS 4623	Oklahoma Politics (S)	
POLS 4693	Gender and Politics	
POLS 4963	U.S. Constitution: Civil Rights and Civil Liberties	
POLS 4973	U.S. Constitution: Separation of Powers	
SOC 2123	Social Problems (DS)	
SOC 3133	Racial and Ethnic Relations (DS)	
SOC 3323	Collective Behavior and Social Movements	
SOC 3523	Juvenile Delinquency (DS)	
SOC 3713	Religion, Culture and Society	
SOC 3993	Sociology of Aging (DS)	
SOC 4103	The Death Penalty in America (S)	
SOC 4043	Gender and Work (DS)	
SOC 4213	Sociology of Sexualities (S)	
SOC 4333	Criminology (S)	
SOC 4383	Social Stratification (S)	
SOC 4433	Environmental Sociology (S)	
SOC 4453	Environmental Inequality (S)	
SOC 4463	Technology and Society	
SOC 4473	Oklahoma Environmental Sociology	
SOC 4643	Sociology of Gender (S)	
SOC 4723	Sociology of Families (S)	
<b>Business Essentials:</b>		
ACCT 2003	Survey of Accounting	3
MGMT 3013	Fundamentals of Management (S)	3
MKTG 3213	Marketing (S)	3
3 hours from:		3
ECON 2003	Microeconomic Principles for Business	
EEE 2023	Introduction to Entrepreneurship	
LSB 3213	Legal and Regulatory Environment of Business	
MSIS 2103	Business Data Science Technologies	
<b>Hours Subtotal</b>		<b>51</b>
<b>Electives</b>		
16 hours of Electives		16
May need to include 6 hours of a foreign language. See note 3.		
May need to include 6 hours upper-division general education outside AMST, American History and American Literature (see note 2.c.) and 1 additional upper-division hour		
<b>Hours Subtotal</b>		<b>16</b>
<b>Total Hours</b>		<b>120</b>

## Other Requirements

- See the College of Arts and Sciences Requirements.
- **Upper-Division Credit:** Total hours must include at least 40 hours in courses numbered 3000 or above.
- **Hours in One Department:** For B.A. and B.S. degrees, no more than 54 hours in one department may be applied to degree requirements.

## College of Arts and Sciences Requirements

### 1. General Education Requirements

No more than two courses (or eight hours) from the major department (<http://catalog.okstate.edu/college-arts-sciences-major-departments/>) may be used to meet General Education and College and Departmental Requirements. The General Education required English Composition, required U.S. History, required American Government, one required MATH or STAT course, and required foreign language for B.A. degrees do not count against the two-course maximum.

### 2. A&S College/Departmental Requirements

- Arts and Humanities are defined as any course carrying an (H) designation or courses from AMST, ART, DANC, ENGL (except ENGL 3323 Technical Writing) HIST, MUSI, PHIL (except PHIL 1313 Logic and Critical Thinking (A), PHIL 3003 Symbolic Logic (A) and PHIL 4003 Mathematical Logic and Computability), REL, TH, and foreign languages.
- Natural and Mathematical Sciences are defined as any course from the following prefixes: ASTR, BIOC, BIOL, CHEM, CS (except CS 4883 Social Issues in Computing), GEOL, MATH, MICR, PBIO, PHYS, and STAT; or courses from other departments that carry an (A) or (N) general education designation.
- The required six hours of upper-division General Education may not include courses from the student's major department. This requirement may be satisfied by courses also used to satisfy any part of a student's degree program (i.e., in General Education, College Departmental Requirements, Major Requirements or Electives).
- Non-Western Studies Requirement for B.A. and B.F.A.; One 3-hour course in Non-Western Studies (N.W.). This requirement may be satisfied by courses also used to satisfy any part of a student's degree program (i.e., in General Education, College Departmental Requirements, Major Requirements or Electives).
- The College of Arts & Sciences requires a minimum 2.0 GPA in all major requirements and a minimum 2.0 GPA in all major-prefix courses applied to the degree.

### 3. Foreign Language Proficiency

- The foreign language requirement for the B.A. may be satisfied by 9 hours college credit in the same language, which must include 3 hours at the 2000-level, or equivalent proficiency (e.g., passing an advanced standing examination; TOEFL exam; presenting a high school transcript which demonstrates the high school was primarily conducted in a language other than English; etc.). Computer Science courses may not be used to satisfy this requirement. Currently Arabic and Mvskoke are not offered at the 2000-level at OSU.
- The foreign language requirement for the B.S., B.M. and B.F.A. may be satisfied by presenting a high school transcript which demonstrates two years of study of a single foreign language (passing grades at second-year level of study). It may also

be satisfied by 6 hours college credit in the same language, which must include language courses 1713 and 1813, or equivalent proficiency (e.g., passing an advanced standing examination; TOEFL exam; presenting a high school transcript which demonstrates the high school was primarily conducted in a language other than English; etc.). Computer Science courses may not be used to satisfy this requirement.

- c. In addition to a. and b., students pursuing teacher certification must meet novice-high foreign language proficiency by presenting a high school transcript which demonstrates two years of study of a single foreign language with no grade below B. Or, students may complete 3 hours college credit in a single language with no grade below C (or pass an advanced standing examination, College Level Examination Program (CLEP) exam, or Oral Proficiency Interview developed by the American Council on the Teaching of Foreign Languages, equivalent to 3 hours of college credit.) Or, students may meet the requirement by transfer of documentation of meeting the foreign language competency from one of the teacher education programs in the State of Oklahoma approved by the Oklahoma State Regents for Higher Education.

#### 4. Exclusions

- Courses used to satisfy the General Education English Composition, U.S. History, American Government, and Mathematics or Statistics requirements will not count toward the 54-hour maximum allowed from one department.
- Courses with ATHL or LEIS prefixes and leisure activity courses may not be used for degree credit.

<b>Spring</b>		
ENGL 1213	Composition II	3
General Education Courses		12
<b>Hours</b>		<b>15</b>
<b>Sophomore</b>		
<b>Fall</b>		
Major, College, and Elective courses		15
<b>Hours</b>		<b>15</b>
<b>Spring</b>		
Major, College, and Elective courses		15
<b>Hours</b>		<b>15</b>
<b>Junior</b>		
<b>Fall</b>		
AMST 3223	Theories and Methods of American Studies	3
Major, College, and Elective courses		12
<b>Hours</b>		<b>15</b>
<b>Spring</b>		
Major, College, and Elective courses		15
<b>Hours</b>		<b>15</b>
<b>Senior</b>		
<b>Fall</b>		
Major, College, and Elective courses		15
<b>Hours</b>		<b>15</b>
<b>Spring</b>		
AMST 4973	Senior Seminar in American Studies	3
Major, College, and Elective courses		12
<b>Hours</b>		<b>15</b>
<b>Total Hours</b>		<b>120</b>

## Additional State/OSU Requirements

- At least: 60 hours at a four-year institution; 30 hours completed at OSU; 15 of the final 30 or 50% of the upper-division hours in the major field completed at OSU.
- Limit of: one-half of major course requirements as transfer work; one-fourth of hours earned by correspondence; 8 transfer correspondence hours.
- Students will be held responsible for degree requirements in effect at the time of matriculation and any changes that are made, so long as these changes do not result in semester credit hours being added or do not delay graduation.
- Degrees that follow this plan must be completed by the end of Summer 2028.

## Example Plan of Study

### Finish in Four Plan of Study

The plan below is an **example** of how students can successfully complete degree requirements in four years. This suggested class schedule plan may be used as a guide and can be adjusted based on individual needs. Students are required to meet with an academic advisor prior to enrollment each semester to plan their class schedule, and students are ultimately responsible for completing all degree requirements.

Course	Title	Hours
<b>Freshman</b>		
<b>Fall</b>		
ENGL 1113	Composition I	3
AMST 2103	Introduction to American Studies (DH)	3
General Educations courses		9
<b>Hours</b>		<b>15</b>

# American Studies: Pre-Law, BA

## Degree Requirements

**Requirements for Students Matriculating in or before Academic Year 2022-2023.** Learn more about University Academic Regulation 3.1 (p. 943).

**Minimum Overall Grade Point Average:** 2.00

**Total Hours:** 120

Code	Title	Hours
<b>General Education Requirements</b>		
<i>English Composition</i>		
See Academic Regulation 3.5 (p. 944)		
ENGL 1113	Composition I	3
or ENGL 1313	Critical Analysis and Writing I	
Select one of the following:		3
ENGL 1213	Composition II	
ENGL 1413	Critical Analysis and Writing II	
ENGL 3323	Technical Writing	
<i>American History &amp; Government</i>		
HIST 1103	Survey of American History	3
or HIST 1483	American History to 1865 (H)	
or HIST 1493	American History Since 1865 (DH)	
POLS 1113	American Government	3
<i>Analytical &amp; Quantitative Thought (A)</i>		
MATH or STAT course designated (A)		3
<i>Humanities (H)</i>		
Courses designated (H)		6
<i>Natural Sciences (N)</i>		
Must include one Laboratory Science (L) course		
Courses designated (N)		6
<i>Social &amp; Behavioral Sciences (S)</i>		
SPCH 2713	Introduction to Speech Communication (S)	3
<i>Additional General Education</i>		
Courses designated (A), (H), (N), or (S)		10
<b>Hours Subtotal</b>		<b>40</b>
<b>Diversity (D) &amp; International Dimension (I)</b>		
May be completed in any part of the degree plan		
Select at least one Diversity (D) course		
Select at least one International Dimension (I) course		
<b>College/Departmental Requirements</b>		
<i>First Year Seminar</i>		
(Transfer students with 15 hours exempt)		1
<i>Arts &amp; Humanities</i>		
See note 2.a.		9
<i>Natural &amp; Mathematical Sciences</i>		
PHIL 1313	Logic and Critical Thinking (A)	3
<i>Foreign Language</i>		
See note 3		9
<i>Non-Western Studies</i>		
Select at least one course		
See note 2.d.		

### Upper-Division General Education

Select 6 hours outside major department

See note 2.c.

**Hours Subtotal** **22**

### Major Requirements

Minimum GPA 2.50. Minimum grade of "C" in all AMST upper-division courses

No more than 9 hours in Major Requirements may be taken from 2000 level courses

AMST 3223	Theories and Methods of American Studies	3
AMST 4973	Senior Seminar in American Studies	3

### American Studies

Select 9 hours (6 hours must be upper division) of additional AMST courses other than AMST 3223 and AMST 4973; and courses listed in the following three categories.

### American History

Select 6 hours (3 hours must be upper division) of the following: 6

HIST 2333	American Thought and Culture: Survey (H)	
HIST 2343	Religion in America (DH)	
HIST 3133	African Diaspora History (DH)	
HIST 3613	American Colonial Period to 1750 (H)	
HIST 3623	Era of the American Revolution (H)	
HIST 3633	Early National Period, 1787-1828 (H)	
HIST 3643	Antebellum America, 1828-1850 (H)	
HIST 3653	Civil War and Reconstruction, 1850-1877	
HIST 3663	U.S History 1877-1919 (H)	
HIST 3673	United States History, 1919-45 (DH)	
HIST 3683	United States History Since 1945 (DH)	
HIST 3693	The Modern West (H)	
HIST 3703	Oklahoma History (DH)	
HIST 3713	Women in the American West (DH)	
HIST 3753	Trans-Mississippi West (DH)	
HIST 3763	American Southwest (DH)	
HIST 3773	Old South (S)	
HIST 3793	Native American History (DH)	
HIST 3803	History of Food (H)	
HIST 3853	History of the North American Borderlands (DH)	
HIST 4063	Historic Preservation	
HIST 4073	Digital Methods in History	
HIST 4153	African American History, 1619-1865 (DH)	
HIST 4163	African American History, 1865-Present (DH)	
HIST 4173	Black Intellectual History (DH)	
HIST 4253	U.S. Foreign Relations to 1945 (H)	
HIST 4273	U.S. Foreign Relations Since 1945 (H)	
HIST 4333	History of Sexuality in the United States (D)	
HIST 4353	American Military History (H)	
HIST 4363	US History through Popular and Unpopular Music (DH)	
HIST 4453	History and Film (H)	
HIST 4463	American Cultural History to 1865 (H)	
HIST 4483	American Cultural History Since 1865 (H)	

HIST 4493	Frontier in American Memory (H)
HIST 4503	American Urban History (H)
HIST 4513	Economic History of the US (S)
HIST 4523	American Environmental History (H)
HIST 4543	Vietnam War (HI)
HIST 4553	Gender in America (DH)
HIST 4563	Cold War (HI)
HIST 4593	America in International Perspective (H)

*American Literary and Cultural Studies*

Select 6 hours (3 hours must be upper-division) of the following: 6

ENGL 2453	Introduction to Film and Television (H)
ENGL 2773	Survey of American Literature I (H)
ENGL 2883	Survey of American Literature II (DH)
ENGL 3153	Readings in Literature by Women (DH)
ENGL 3183	Native American Literature (DH)
ENGL 3190	Readings in Postcolonial and Multiethnic Literature
ENGL 3193	African-American Literature (DH)
ENGL 3410	Popular Fiction
ENGL 3453	History of American Film (H)
ENGL 3473	Race, Gender, and Ethnicity in American Film (D)
ENGL 3503	Television and American Society (DH)
ENGL 3813	Readings in the American Experience (DH)
ENGL 4093	Language in America (DS)
ENGL 4200	Studies in Early American Literature
ENGL 4210	Studies in 19th Century American Literature
ENGL 4220	Studies in 20th Century American Literature
ENGL 4230	Literature of Diversity (DH)
ENGL 4333	Studies in Native American Literature
ENGL 4400	Studies in Regional Literature

*Legal Emphasis*

Select 12 hours upper division of the following: 12

AMIS 4013	American Indian Sovereignty (D)
AMST 3333	Crime, Law and American Culture (S)
AMST 4103	The Death Penalty in America (S)
GEOG 3133	Political Geography (IS)
PHIL 3513	Social Philosophy (H)
PHIL 3843	Philosophy of Law (H)
POLS 3983	Courts and Judicial Process (S)
POLS 3993	Legal Research And Analysis
POLS 3523	Money, Media And Politics
POLS 3963	State Courts and the Bar
POLS 4353	Administrative Law
POLS 4363	Environmental Law And Policy
POLS 4593	Natural Resources and Environmental Policy
POLS 4963	U.S. Constitution: Civil Rights and Civil Liberties
POLS 4973	U.S. Constitution: Separation of Powers
POLS 4980	Advanced Topics in Public Law

PSYC 4293	Forensic Psychology
SOC 3523	Juvenile Delinquency (DS)
SOC 4103	The Death Penalty in America (S)
SOC 4313	Sociology of Law
SOC 4333	Criminology (S)
SOC 4743	Criminalistics: Introduction to Forensic Sciences
SPCH 3733	Elements of Persuasion (S)
SPCH 4793	Nonverbal Communication (S)

Select 9 hours of upper-division courses 9

**Hours Subtotal** 48

**Electives** 10

May need to include 6 hours upper-division general education outside major department (see note 2.c.) and 1 additional upper-division hour.

Recommend ECON 2103 and POLS 2023

**Hours Subtotal** 10

**Total Hours** 120

## Other Requirements

- See the College of Arts and Sciences Requirements
- **Upper-Division Credit:** Total hours must include at least 40 hours in courses numbered 3000 or above.
- **Hours in One Department:** For B.A. and B.S. degrees, no more than 54 hours in one department may be applied to degree requirements.

## College of Arts and Sciences Requirements

### 1. General Education Requirements

No more than two courses (or eight hours) from the major department (<http://catalog.okstate.edu/college-arts-sciences-major-departments/>) may be used to meet General Education and College and Departmental Requirements. The General Education required English Composition, required U.S. History, required American Government, one required MATH or STAT course, and required foreign language for B.A. degrees do not count against the two-course maximum.

### 2. A&S College/Departmental Requirements

- Arts and Humanities are defined as any course carrying an (H) designation or courses from AMST, ART, DANC, ENGL (except ENGL 3323 Technical Writing) HIST, MUSI, PHIL (except PHIL 1313 Logic and Critical Thinking (A), PHIL 3003 Symbolic Logic (A) and PHIL 4003 Mathematical Logic and Computability), REL, TH, and foreign languages.
- Natural and Mathematical Sciences are defined as any course from the following prefixes: ASTR, BIOC, BIOL, CHEM, CS (except CS 4883 Social Issues in Computing), GEOL, MATH, MICR, PBIO, PHYS, and STAT; or courses from other departments that carry an (A) or (N) general education designation.
- The required six hours of upper-division General Education may not include courses from the student's major department. This requirement may be satisfied by courses also used to satisfy any part of a student's degree program (i.e., in General Education, College Departmental Requirements, Major Requirements or Electives).

- d. Non-Western Studies Requirement for B.A. and B.F.A.; One 3-hour course in Non-Western Studies (N.W.). This requirement may be satisfied by courses also used to satisfy any part of a student's degree program (i.e., in General Education, College Departmental Requirements, Major Requirements or Electives).
- e. The College of Arts & Sciences requires a minimum 2.0 GPA in all major requirements and a minimum 2.0 GPA in all major-prefix courses applied to the degree.

**3. Foreign Language Proficiency**

- a. The foreign language requirement for the B.A. may be satisfied by 9 hours college credit in the same language, which must include 3 hours at the 2000-level, or equivalent proficiency (e.g., passing an advanced standing examination; TOEFL exam; presenting a high school transcript which demonstrates the high school was primarily conducted in a language other than English; etc.). Computer Science courses may not be used to satisfy this requirement. Currently Arabic and Mvskoke are not offered at the 2000-level at OSU.
- b. The foreign language requirement for the B.S., B.M. and B.F.A. may be satisfied by presenting a high school transcript which demonstrates two years of study of a single foreign language (passing grades at second-year level of study). It may also be satisfied by 6 hours college credit in the same language, which must include language courses 1713 and 1813, or equivalent proficiency (e.g., passing an advanced standing examination; TOEFL exam; presenting a high school transcript which demonstrates the high school was primarily conducted in a language other than English; etc.). Computer Science courses may not be used to satisfy this requirement.
- c. In addition to a. and b., students pursuing teacher certification must meet novice-high foreign language proficiency by presenting a high school transcript which demonstrates two years of study of a single foreign language with no grade below B. Or, students may complete 3 hours college credit in a single language with no grade below C (or pass an advanced standing examination, College Level Examination Program (CLEP) exam, or Oral Proficiency Interview developed by the American Council on the Teaching of Foreign Languages, equivalent to 3 hours of college credit.) Or, students may meet the requirement by transfer of documentation of meeting the foreign language competency from one of the teacher education programs in the State of Oklahoma approved by the Oklahoma State Regents for Higher Education.

**4. Exclusions**

- a. Courses used to satisfy the General Education English Composition, U.S. History, American Government, and Mathematics or Statistics requirements will not count toward the 54-hour maximum allowed from one department.
- b. Courses with ATHL or LEIS prefixes and leisure activity courses may not be used for degree credit.

these changes do not result in semester credit hours being added or do not delay graduation.

- Degrees that follow this plan must be completed by the end of Summer 2028.

## Example Plan of Study

### Finish in Four Plan of Study

The plan below is an **example** of how students can successfully complete degree requirements in four years. This suggested class schedule plan may be used as a guide and can be adjusted based on individual needs. Students are required to meet with an academic advisor prior to enrollment each semester to plan their class schedule, and students are ultimately responsible for completing all degree requirements.

Course	Title	Hours
<b>Freshman</b>		
<b>Fall</b>		
ENGL 1113	Composition I	3
AMST 2103	Introduction to American Studies (DH)	3
General Educations courses		9
<b>Hours</b>		<b>15</b>
<b>Spring</b>		
ENGL 1213	Composition II	3
General Education Courses		12
<b>Hours</b>		<b>15</b>
<b>Sophomore</b>		
<b>Fall</b>		
PHIL 1313	Logic and Critical Thinking (A)	3
1713 First Semester Foreign Language		3
Major, College, and Elective courses		9
<b>Hours</b>		<b>15</b>
<b>Spring</b>		
1813 Second Semester Foreign Language		3
Major, College, and Elective courses		12
<b>Hours</b>		<b>15</b>
<b>Junior</b>		
<b>Fall</b>		
AMST 3223	Theories and Methods of American Studies	3
2000-level Foreign Language		3
Major, College, and Elective courses		9
<b>Hours</b>		<b>15</b>
<b>Spring</b>		
American Indian Studies courses		6
College and Electives courses		9
<b>Hours</b>		<b>15</b>
<b>Senior</b>		
<b>Fall</b>		
Major, College, and Elective courses		15
<b>Hours</b>		<b>15</b>
<b>Spring</b>		
AMST 4973	Senior Seminar in American Studies	3
Major, College, and Elective courses		12
<b>Hours</b>		<b>15</b>
<b>Total Hours</b>		<b>120</b>

## Additional State/OSU Requirements

- At least: 60 hours at a four-year institution; 30 hours completed at OSU; 15 of the final 30 or 50% of the upper-division hours in the major field completed at OSU.
- Limit of: one-half of major course requirements as transfer work; one-fourth of hours earned by correspondence; 8 transfer correspondence hours.
- Students will be held responsible for degree requirements in effect at the time of matriculation and any changes that are made, so long as



# American Studies: Pre-Law, BS

## Degree Requirements

**Requirements for Students Matriculating in or before Academic Year 2022-2023.** Learn more about University Academic Regulation 3.1 (p. 943).

**Minimum Overall Grade Point Average:** 2.00

**Total Hours:** 120

Code	Title	Hours
<b>General Education Requirements</b>		
<i>English Composition</i>		
See Academic Regulation 3.5 (p. 944)		
ENGL 1113	Composition I	3
or ENGL 1313	Critical Analysis and Writing I	
Select one of the following:		3
ENGL 1213	Composition II	
ENGL 1413	Critical Analysis and Writing II	
ENGL 3323	Technical Writing	
<i>American History &amp; Government</i>		
HIST 1103	Survey of American History	3
or HIST 1483	American History to 1865 (H)	
or HIST 1493	American History Since 1865 (DH)	
POLS 1113	American Government	3
<i>Analytical &amp; Quantitative Thought (A)</i>		
MATH or STAT course designated (A)		3
<i>Humanities (H)</i>		
Courses designated (H)		6
<i>Natural Sciences (N)</i>		
Must include one Laboratory Science (L) course		
Courses designated (N)		6
<i>Social &amp; Behavioral Sciences (S)</i>		
SPCH 2713	Introduction to Speech Communication (S)	3
<i>Additional General Education</i>		
Courses designated (A), (H), (N), or (S)		10
<b>Hours Subtotal</b>		<b>40</b>
<b>Diversity (D) &amp; International Dimension (I)</b>		
May be completed in any part of the degree plan.		
At least one Diversity (D) course.		
At least one International Dimension (I) course.		
<b>College/Departmental Requirements</b>		
<i>First Year Seminar</i>		
(Transfer students with 15 hours exempt)		1
<i>Arts &amp; Humanities</i>		
See note 2.a.		3
<i>Natural &amp; Mathematical Sciences</i>		
PHIL 1313	Logic and Critical Thinking (A)	3
See note 2.b.		6
<i>Foreign Languages</i>		
See note 3.		
0-6 hours		
<i>Upper-Division General Education</i>		

Select 6 hours outside AMST, American History and American Literature

See note 2.c.

**Hours Subtotal** **13**

### Major Requirements

Minimum GPA 2.50. Minimum grade of "C" in all AMST upper-division courses. No more than 9 hours in Major Requirements may be taken from 2000 level courses.

AMST 3223	Theories and Methods of American Studies	3
AMST 4973	Senior Seminar in American Studies	3

#### *American Studies*

Select 9 hours (6 hours must be upper division) of additional AMST courses other than AMST 3223 and AMST 4973 and courses listed in the following four categories.

#### *American History*

Select 6 hours from the following (3 hours must be upper-division):

HIST 2333	American Thought and Culture: Survey (H)	
HIST 2343	Religion in America (DH)	
HIST 3133	African Diaspora History (DH)	
HIST 3613	American Colonial Period to 1750 (H)	
HIST 3623	Era of the American Revolution (H)	
HIST 3633	Early National Period, 1787-1828 (H)	
HIST 3643	Antebellum America, 1828-1850 (H)	
HIST 3653	Civil War and Reconstruction, 1850-1877	
HIST 3663	U.S History 1877-1919 (H)	
HIST 3673	United States History, 1919-45 (DH)	
HIST 3683	United States History Since 1945 (DH)	
HIST 3693	The Modern West (H)	
HIST 3703	Oklahoma History (DH)	
HIST 3713	Women in the American West (DH)	
HIST 3753	Trans-Mississippi West (DH)	
HIST 3763	American Southwest (DH)	
HIST 3773	Old South (S)	
HIST 3793	Native American History (DH)	
HIST 3803	History of Food (H)	
HIST 3853	History of the North American Borderlands (DH)	
HIST 4063	Historic Preservation	
HIST 4073	Digital Methods in History	
HIST 4153	African American History, 1619-1865 (DH)	
HIST 4163	African American History, 1865-Present (DH)	
HIST 4173	Black Intellectual History (DH)	
HIST 4253	U.S. Foreign Relations to 1945 (H)	
HIST 4273	U.S. Foreign Relations Since 1945 (H)	
HIST 4333	History of Sexuality in the United States (D)	
HIST 4353	American Military History (H)	
HIST 4363	US History through Popular and Unpopular Music (DH)	
HIST 4453	History and Film (H)	
HIST 4463	American Cultural History to 1865 (H)	
HIST 4483	American Cultural History Since 1865 (H)	

HIST 4493	Frontier in American Memory (H)
HIST 4503	American Urban History (H)
HIST 4513	Economic History of the US (S)
HIST 4523	American Environmental History (H)
HIST 4543	Vietnam War (HI)
HIST 4553	Gender in America (DH)
HIST 4563	Cold War (HI)
HIST 4593	America in International Perspective (H)
<i>American Literary and Cultural Studies</i>	
Select 6 hours from the following (3 hours must be upper-division):	6
ENGL 2453	Introduction to Film and Television (H)
ENGL 2773	Survey of American Literature I (H)
ENGL 2883	Survey of American Literature II (DH)
ENGL 3153	Readings in Literature by Women (DH)
ENGL 3183	Native American Literature (DH)
ENGL 3190	Readings in Postcolonial and Multiethnic Literature
ENGL 3193	African-American Literature (DH)
ENGL 3410	Popular Fiction
ENGL 3453	History of American Film (H)
ENGL 3473	Race, Gender, and Ethnicity in American Film (D)
ENGL 3503	Television and American Society (DH)
ENGL 3813	Readings in the American Experience (DH)
ENGL 4093	Language in America (DS)
ENGL 4200	Studies in Early American Literature
ENGL 4210	Studies in 19th Century American Literature
ENGL 4220	Studies in 20th Century American Literature
ENGL 4230	Literature of Diversity (DH)
ENGL 4333	Studies in Native American Literature
ENGL 4400	Studies in Regional Literature
<i>Legal Emphasis</i>	
Select 12 hours (upper-division) from the following:	12
AMIS 4013	American Indian Sovereignty (D)
AMST 3333	Crime, Law and American Culture (S)
AMST 4103	The Death Penalty in America (S)
GEOG 3133	Political Geography (IS)
PHIL 3513	Social Philosophy (H)
PHIL 3843	Philosophy of Law (H)
POLS 3523	Money, Media And Politics
POLS 3963	State Courts and the Bar
POLS 3983	Courts and Judicial Process (S)
POLS 3993	Legal Research And Analysis
POLS 4353	Administrative Law
POLS 4363	Environmental Law And Policy
POLS 4593	Natural Resources and Environmental Policy
POLS 4963	U.S. Constitution: Civil Rights and Civil Liberties
POLS 4973	U.S. Constitution: Separation of Powers

POLS 4980	Advanced Topics in Public Law
PSYC 4293	Forensic Psychology
SOC 3523	Juvenile Delinquency (DS)
SOC 4313	Sociology of Law
SOC 4333	Criminology (S)
SOC 4743	Criminalistics: Introduction to Forensic Sciences
SOC 4103	The Death Penalty in America (S)
SPCH 3733	Elements of Persuasion (S)
SPCH 4793	Nonverbal Communication (S)
9 hours of upper-division courses	9
<b>Subtotal Hours</b>	<b>48</b>
<b>Electives</b>	<b>19</b>
May need to include 6 hours of a foreign language. See note 3.	
May need to include 6 hours upper-division general education outside AMST, American History and American Literature (see note 2.c.) and 1 additional upper-division hour.	
<b>Hours Subtotal</b>	<b>19</b>
Recommend ECON 2103 and POLS 2023	
<b>Total Hours</b>	<b>120</b>

## Other Requirements:

- See College of Arts and Sciences Requirements.
- Upper-Division Credit: Total hours must include at least 40 hours in courses numbered 3000 or above.
- Hours in One Department: For B.A. and B.S. degrees, no more than 54 hours in one department may be applied to degree requirements.

## College of Arts and Sciences Requirements

### 1. General Education Requirements

No more than two courses (or eight hours) from the major department (<http://catalog.okstate.edu/college-arts-sciences-major-departments/>) may be used to meet General Education and College and Departmental Requirements. The General Education required English Composition, required U.S. History, required American Government, one required MATH or STAT course, and required foreign language for B.A. degrees do not count against the two-course maximum.

### 2. A&S College/Departmental Requirements

- Arts and Humanities are defined as any course carrying an (H) designation or courses from AMST, ART, DANC, ENGL (except ENGL 3323 Technical Writing) HIST, MUSI, PHIL (except PHIL 1313 Logic and Critical Thinking (A), PHIL 3003 Symbolic Logic (A) and PHIL 4003 Mathematical Logic and Computability), REL, TH, and foreign languages.
- Natural and Mathematical Sciences are defined as any course from the following prefixes: ASTR, BIOC, BIOL, CHEM, CS (except CS 4883 Social Issues in Computing), GEOL, MATH, MICR, PBIO, PHYS, and STAT; or courses from other departments that carry an (A) or (N) general education designation.
- The required six hours of upper-division General Education may not include courses from the student's major department. This requirement may be satisfied by courses also used to satisfy any part of a student's degree program (i.e., in General Education,

College Departmental Requirements, Major Requirements or Electives).

- d. Non-Western Studies Requirement for B.A. and B.F.A.; One 3-hour course in Non-Western Studies (N.W.). This requirement may be satisfied by courses also used to satisfy any part of a student's degree program (i.e., in General Education, College Departmental Requirements, Major Requirements or Electives).
  - e. The College of Arts & Sciences requires a minimum 2.0 GPA in all major requirements and a minimum 2.0 GPA in all major-prefix courses applied to the degree.
3. **Foreign Language Proficiency**
- a. The foreign language requirement for the B.A. may be satisfied by 9 hours college credit in the same language, which must include 3 hours at the 2000-level, or equivalent proficiency (e.g., passing an advanced standing examination; TOEFL exam; presenting a high school transcript which demonstrates the high school was primarily conducted in a language other than English; etc.). Computer Science courses may not be used to satisfy this requirement. Currently Arabic and Mvskoke are not offered at the 2000-level at OSU.
  - b. The foreign language requirement for the B.S., B.M. and B.F.A. may be satisfied by presenting a high school transcript which demonstrates two years of study of a single foreign language (passing grades at second-year level of study). It may also be satisfied by 6 hours college credit in the same language, which must include language courses 1713 and 1813, or equivalent proficiency (e.g., passing an advanced standing examination; TOEFL exam; presenting a high school transcript which demonstrates the high school was primarily conducted in a language other than English; etc.). Computer Science courses may not be used to satisfy this requirement.
  - c. In addition to a. and b., students pursuing teacher certification must meet novice-high foreign language proficiency by presenting a high school transcript which demonstrates two years of study of a single foreign language with no grade below B. Or, students may complete 3 hours college credit in a single language with no grade below C (or pass an advanced standing examination, College Level Examination Program (CLEP) exam, or Oral Proficiency Interview developed by the American Council on the Teaching of Foreign Languages, equivalent to 3 hours of college credit.) Or, students may meet the requirement by transfer of documentation of meeting the foreign language competency from one of the teacher education programs in the State of Oklahoma approved by the Oklahoma State Regents for Higher Education.

#### 4. Exclusions

- a. Courses used to satisfy the General Education English Composition, U.S. History, American Government, and Mathematics or Statistics requirements will not count toward the 54-hour maximum allowed from one department.
- b. Courses with ATHL or LEIS prefixes and leisure activity courses may not be used for degree credit.

- Students will be held responsible for degree requirements in effect at the time of matriculation and any changes that are made, so long as these changes do not result in semester credit hours being added or do not delay graduation.
- Degrees that follow this plan must be completed by the end of Summer 2028.

## Example Plan of Study

### Finish in Four Plan of Study

The plan below is an **example** of how students can successfully complete degree requirements in four years. This suggested class schedule plan may be used as a guide and can be adjusted based on individual needs. Students are required to meet with an academic advisor prior to enrollment each semester to plan their class schedule, and students are ultimately responsible for completing all degree requirements.

Course	Title	Hours
<b>Freshman</b>		
<b>Fall</b>		
ENGL 1113	Composition I	3
AMST 2103	Introduction to American Studies (DH)	3
General Education Courses		9
<b>Hours</b>		<b>15</b>
<b>Spring</b>		
ENGL 1213	Composition II	3
General Education Courses		12
<b>Hours</b>		<b>15</b>
<b>Sophomore</b>		
<b>Fall</b>		
PHIL 1313	Logic and Critical Thinking (A)	3
Major, College, and Elective courses		12
<b>Hours</b>		<b>15</b>
<b>Spring</b>		
Major, College, and Elective courses		15
<b>Hours</b>		<b>15</b>
<b>Junior</b>		
<b>Fall</b>		
AMST 3223	Theories and Methods of American Studies	3
Major, College, and Elective courses		12
<b>Hours</b>		<b>15</b>
<b>Spring</b>		
Major, College, and Elective courses		15
<b>Hours</b>		<b>15</b>
<b>Senior</b>		
<b>Fall</b>		
Major, College, and Elective courses		15
<b>Hours</b>		<b>15</b>
<b>Spring</b>		
AMST 4973	Senior Seminar in American Studies	3
Major, College, and Elective courses		12
<b>Hours</b>		<b>15</b>
<b>Total Hours</b>		<b>120</b>

## Additional State/OSU Requirements

- At least: 60 hours at a four-year institution; 30 hours completed at OSU; 15 of the final 30 or 50% of the upper-division hours in the major field completed at OSU.
- Limit of: one-half of major course requirements as transfer work; one-fourth of hours earned by correspondence; 8 transfer correspondence hours.

## Truth and Reconciliation in the Americas (TRRA), Minor

**Requirements for Students Matriculating in or before Academic Year 2022-2023.** Learn more about University Academic Regulation 3.1 (p. 943).

**Anthony Valentine**, 213 Life Sciences East (S), 405-744-5658, anthony.valentine@okstate.edu  
In Tulsa, contact: **Angel Ray**, 918-594-8271, bangel@okstate.edu

**Minimum Grade Point Average in Minor Coursework:** 2.50 with no grade below "C."

**Total Hours:** 15

Code	Title	Hours
<b>Required Courses</b>		
AMST 3373	Comparative Truth and Reconciliation in the Americas (D)	3
AMST 4990	Internship	3
Select 9 hours from:		
AFAM 2423	Black Popular Culture (DH)	
AFAM 3950	Special Topics in Africana Studies	
AFAM 4543	Race Theory	
AMST 2103	Introduction to American Studies (DH)	
AMST 2513	Plantation to Plate: Sugar, Bananas, and Coffee in America (H)	
or HIST 2513	Plantation to Plate: Sugar, Bananas, and Coffee in America (H)	
AMST 3303	Nations on the Move: Latin American Migration and Latinx Communities in the US (DH)	
or HIST 3303	Nations on the Move: Latin American Migration and Latinx Communities in the US (DH)	
AMST 3333	Crime, Law and American Culture (S)	
AMST 3473	Race, Gender, and Ethnicity in American Film (D)	
AMST 3950	Special Topics in American Studies (DH)	
AMST 4103	The Death Penalty in America (S)	
or SOC 4103	The Death Penalty in America (S)	
AMST 4593	America in International Perspective (H)	
ENGL 3183	Native American Literature (DH)	
ENGL 3193	African-American Literature (DH)	
GEOG 3243	Legal Geography of Native America, Sovereign Tribal Nations, and Indian Country (DS)	
GEOG 4453	Black Geographies & Memorialization in the Landscape (DH)	
or AFAM 4453	Black Geographies & Memorialization in the Landscape (DH)	
or AMST 4453	Black Geographies & Memorialization in the Landscape (DH)	
GWST 3553	LGBTQ Lives in the United States (D)	
GWST 3613	Race and Reproduction in the U.S. (D)	
HIST 3793	Native American History (DH)	
HIST 4153	African American History, 1619-1865 (DH)	

HIST 4163	African American History, 1865-Present (DH)
PHIL 3623	Philosophy of Race (DH)
POLS 2313	Social Justice Politics (D)
POLS 4223	Social Movements
SOC 3133	Racial and Ethnic Relations (DS)

Other courses may be approved by the Program Director.

**Total Hours**

**15**

## Additional OSU Requirements Undergraduate Minors

- An undergraduate minor must include between fifteen and thirty hours, inclusive of undergraduate coursework.
- A minimum of six credit hours for the minor must be earned in residence at OSU.
- The courses required for a minor may be included in the course requirements for any undergraduate degree or they may be in addition to degree requirements, depending on the overlap between the minor and degree requirements. However, an undergraduate minor must be earned in an academic field other than the student's declared degree option. The minor may not duplicate the degree major or option (for example, a student who earns a BA in Art with an Art History option may earn a minor in Studio Art but not Art History).
- A student generally follows the minor requirements associated with his or her matriculation year or newer requirements that have been established since matriculation. The time limit for following requirements from a given academic year is six years.

For additional information on requirements on minors, click here (<https://adminfinance.okstate.edu/site-files/documents/policies/requirements-for-undergraduate-and-graduate-minors.pdf>).

## Art, Graphic Design and Art History

The Department of Art, Graphic Design and Art History offers courses for students who are interested in the visual arts or wish to major in studio art, graphic design or art history. Minors are also available in studio art and art history. Fields of concentration include drawing, oil painting, printmaking, graphic design, electronic media, photography and digital media, ceramics, jewelry/metalsmithing, sculpture and art history.

The Bachelor of Art (BA) includes options in art history and studio art that can be combined with teacher certification; the Bachelor of Fine Arts (BFA) is a professional degree with options in studio art or graphic design.

In order to qualify for graduation, art majors must have grade-point averages in Art Department courses of 2.50 for a BA in Studio Art, 3.0 for a BA in Art History, and 2.75 for a BFA in Studio Art or Graphic Design.

Students who wish to major in graphic design must have a minimum overall GPA of 2.75 to enroll in 2000-level graphic design courses. As of Fall 2019, Students must have taken or be enrolled in two 2000-level graphic design courses (ART 2413 and ART 2423) and completed their foundations level studio art classes (ART 1103, ART 1203, and ART 1303) before their sophomore portfolio review, which is scheduled each spring semester. Students who wish to transfer into the graphic design program with earned credit in these courses are subject to the same review and must submit portfolio materials with application for admission into the program no later than April 1. This portfolio review determines which students are qualified to proceed to 3000-level graphic design courses. Students who pass the graphic design portfolio review are furthermore required to purchase a MacBook Pro laptop computer for use in the classroom and at home. Specifications are available on the Department's website, <http://art.okstate.edu>.

The Department of Art, Graphic Design and Art History is able to offer substantial scholarships at all levels, freshman through senior, on a competitive basis.

The Gardiner Gallery of Art in the Bartlett Center for the Visual Arts, the Department's main building, hosts up to ten exhibitions per year. Exhibitions include the work of faculty, students, and national and international artists. Students and faculty also curate special exhibitions in the Gardiner Gallery.

## Courses

### ART 1103 Drawing I

**Description:** A freehand drawing experience designed to build basic skills and awareness of visual relationships. A sequence of problems dealing with composition, shape, volume, value, line, gesture, texture and perspective. A variety of media explored.

**Credit hours:** 3

**Contact hours:** Lab: 6 Contact: 6

**Levels:** Undergraduate

**Schedule types:** Lab

**Department/School:** Art

### ART 1113 Drawing II

**Prerequisites:** ART 1103.

**Description:** Objective and subjective approaches to visual problem solving in a variety of black and white and color media. The analysis and manipulation of form, light, space, volume, and the formal aspects of perspective.

**Credit hours:** 3

**Contact hours:** Lab: 6 Contact: 6

**Levels:** Undergraduate

**Schedule types:** Lab

**Department/School:** Art

### ART 1203 Visual Thinking: Image and Surface

**Description:** Investigation of fundamental design principles and visual elements through the process of image making. Students explore the dynamics of composition through developing approaches to aesthetics, visual analysis, perception and narrative. Provides experience with a variety of two-dimensional media and develops core skills in observation, craft and technique. Emphasis is placed on interdisciplinary learning through lectures, discussions, critiques, and the process of making images.

**Credit hours:** 3

**Contact hours:** Lab: 6 Contact: 6

**Levels:** Undergraduate

**Schedule types:** Lab

**Department/School:** Art

### ART 1303 Visual Thinking: Form and Space

**Description:** Investigation of fundamental design principles of form through the process of object making. Students explore concepts of interaction between form, space and movement through developing approaches to the construction and manipulation of materials. Provides experience with a variety of three-dimensional media and develops skills in observation, craft and technique. Emphasis is placed on interdisciplinary learning through lectures, discussions, critiques, and the process of making objects. Course previously offered as ART 2203.

**Credit hours:** 3

**Contact hours:** Lab: 6 Contact: 6

**Levels:** Undergraduate

**Schedule types:** Lab

**Department/School:** Art

### ART 1503 Art History Survey I (H)

**Description:** The arts, artists, and their cultures from prehistoric times through the Early Renaissance. May not be used for degree credit with ART 1603. Previously offered as ART 2603.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Art

**General Education and other Course Attributes:** Humanities

### ART 1513 Art History Survey II (H)

**Description:** The arts, artists, and their cultures from the Early Renaissance to the present. May not be used for degree credit with ART 1603. Previously offered as ART 2613.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Art

**General Education and other Course Attributes:** Humanities



**ART 1603 Introduction to Global Art (H)**

**Description:** Introductory survey of global art history, with emphasis on modern and contemporary art. Intended for non-art majors. May not be used for degree credit with ART 1503 or ART 1513. Course previously offered as ART 1803.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Art

**General Education and other Course Attributes:** Humanities

**ART 2003 Studio Methods and Preparation**

**Description:** Portfolio concept development including idea generation, sketchbook, analyzing and evaluating art criticism and select contemporary artists. Professional portfolio presentation, including matting, artwork documentation and resume as a precursor to the Sophomore review. Course previously offered as ART 2002.

**Credit hours:** 3

**Contact hours:** Lab: 6 Contact: 6

**Levels:** Undergraduate

**Schedule types:** Lab

**Department/School:** Art

**ART 2013 Non-Major Ceramics I**

**Description:** Introduction to basic building techniques including wheel throwing, coiling, and slab construction, as well as slip and glaze application and a variety of firing processes. Exposure to historical and contemporary references. Emphasis on personal growth through technique and concept. Same course as ART 2253.

**Credit hours:** 3

**Contact hours:** Lab: 6 Contact: 6

**Levels:** Undergraduate

**Schedule types:** Lab

**Department/School:** Art

**ART 2023 Non-Major Oil Painting I**

**Description:** The development of skills in oil painting stressing form and content, visual perception, and individual expression. Technical instruction applicable to individual problems and needs. Same course as ART 2223.

**Credit hours:** 3

**Contact hours:** Lab: 6 Contact: 6

**Levels:** Undergraduate

**Schedule types:** Lab

**Department/School:** Art

**ART 2033 Non-Major Watercolor I**

**Description:** The development of technical skills stressing color, form, and content. Assignments cover paper preparation and support, brush handling, pigment characteristics and mixing, and all basic dry surface and wet surface painting techniques. Same course as ART 2233.

**Credit hours:** 3

**Contact hours:** Lab: 6 Contact: 6

**Levels:** Undergraduate

**Schedule types:** Lab

**Department/School:** Art

**ART 2043 Non-Major Jewelry and Metals I**

**Description:** Fabrication and forming techniques for non-ferrous metals. Cold joinery, silver soldering, surface treatment and elementary stone setting. Applications toward either wearable or small scale sculptural format. Same course as ART 2243.

**Credit hours:** 3

**Contact hours:** Lab: 6 Contact: 6

**Levels:** Undergraduate

**Schedule types:** Lab

**Department/School:** Art

**ART 2063 Non-Major Sculpture I**

**Description:** Explore creative expression while learning a variety of sculptural processes and techniques. Begin developing spatial sensitivity, conceptual thinking, and critical thinking through engaging with broad contemporary art themes. Same course as ART 2263.

**Credit hours:** 3

**Contact hours:** Lab: 6 Contact: 6

**Levels:** Undergraduate

**Schedule types:** Lab

**Department/School:** Art

**ART 2073 Non-Major Printmaking I**

**Description:** Varied print processes, including monotypes, relief printmaking, and intaglio. Fundamental techniques of each medium that include inking, printing, editioning multiples, and both additive and subtractive approaches. Same course as ART 2273.

**Credit hours:** 3

**Contact hours:** Lab: 6 Contact: 6

**Levels:** Undergraduate

**Schedule types:** Lab

**Department/School:** Art

**ART 2093 Non-Major Photography I**

**Description:** An introduction to the use of photography as an art form. Exploration of traditional and current photographic methods with an emphasis on creating a foundational understanding of the medium's core concepts and techniques. Students will shoot, process, and print their own images, which will be discussed in critique with reference to basic photographic theory. Previously offered as ART 2803. Same course as ART 2293.

**Credit hours:** 3

**Contact hours:** Lab: 6 Contact: 6

**Levels:** Undergraduate

**Schedule types:** Lab

**Department/School:** Art

**ART 2113 Life Drawing**

**Prerequisites:** ART 1113.

**Description:** Introduction to life drawing with emphasis on preliminary linear construction and structural aspects of the figure, including the study of general body proportions, rapid visualization, and figure-ground relationships.

**Credit hours:** 3

**Contact hours:** Lab: 6 Contact: 6

**Levels:** Undergraduate

**Schedule types:** Lab

**Department/School:** Art

**ART 2223 Oil Painting I**

**Prerequisites:** ART 1113 and ART 1203 and ART 1303, or consent of instructor.

**Description:** The development of skills in oil painting stressing form and content, visual perception, and individual expression. Technical instruction applicable to individual problems and needs. Previously offered as ART 3123. Same course as ART 2023.

**Credit hours:** 3

**Contact hours:** Lab: 6 Contact: 6

**Levels:** Undergraduate

**Schedule types:** Lab

**Department/School:** Art

**ART 2233 Watercolor I**

**Prerequisites:** ART 1113 , ART 1203 , ART 1303 , or consent of instructor.

**Description:** The development of technical skills stressing color, form, and content. Assignments cover paper preparation and support, brush handling, pigment characteristics and mixing, and all basic dry surface and wet surface painting techniques. Previously offered as ART 3133. Same course as ART 2033.

**Credit hours:** 3

**Contact hours:** Lab: 6 Contact: 6

**Levels:** Undergraduate

**Schedule types:** Lab

**Department/School:** Art

**ART 2243 Jewelry and Metals I**

**Prerequisites:** ART 1113, ART 1303; consent of instructor.

**Description:** Fabrication and forming techniques for non-ferrous metals. Cold joinery, silver soldering, surface treatment and elementary stone setting. Applications toward either wearable or small scale sculptural format. Previously offered as ART 3343. Same course as ART 2043.

**Credit hours:** 3

**Contact hours:** Lab: 6 Contact: 6

**Levels:** Undergraduate

**Schedule types:** Lab

**Department/School:** Art

**ART 2253 Ceramics I**

**Prerequisites:** ART 1113, ART 1303, or consent of instructor.

**Description:** Introduction to basic building techniques including wheel throwing, coiling, and slab construction, as well as slip and glaze application and a variety of firing processes. Exposure to historical and contemporary references. Emphasis on personal growth through technique and concept. Previously offered as ART 3503. Same course as ART 2013.

**Credit hours:** 3

**Contact hours:** Lab: 6 Contact: 6

**Levels:** Undergraduate

**Schedule types:** Lab

**Department/School:** Art

**ART 2263 Sculpture I**

**Prerequisites:** ART 1113, ART 1303.

**Description:** Explore creative expression while learning a variety of sculptural processes and techniques. Begin developing spatial sensitivity, conceptual thinking, and critical thinking through engaging with broad contemporary art themes. Previously offered as ART 3323. Same course as ART 2063.

**Credit hours:** 3

**Contact hours:** Lab: 6 Contact: 6

**Levels:** Undergraduate

**Schedule types:** Lab

**Department/School:** Art

**ART 2273 Printmaking I**

**Prerequisites:** ART 1113, ART 1203, ART 1303, or consent of instructor.

**Description:** Varied print processes, including monotypes, relief printmaking, and intaglio. Fundamental techniques of each medium that include inking, printing, editioning multiples, and both additive and subtractive approaches. Same course as ART 2073.

**Credit hours:** 3

**Contact hours:** Lab: 6 Contact: 6

**Levels:** Undergraduate

**Schedule types:** Lab

**Department/School:** Art

**ART 2283 Studio Art Digital Survey**

**Prerequisites:** ART 1103 and ART 1303 and ART 1203 or ART 2423 and ART 2413 or by consent of instructor.

**Description:** This studio art course is an introduction to concepts, tools and techniques related to digital technology. Students will work specifically with digital video, sound editing, digital photography, digital imaging and printing. Projects in the course will focus on fostering an introductory to intermediate level understanding of digital technologies and formats, while allowing more advanced students to incorporate media of personal interest, such as performance, assemblage, projection, and installation, as well as other hybrid and emerging art forms.

**Credit hours:** 3

**Contact hours:** Lab: 6 Contact: 6

**Levels:** Undergraduate

**Schedule types:** Lab

**Department/School:** Art

**ART 2293 Photography I**

**Prerequisites:** ART 1103, ART 1203 and ART 1303, or consent of instructor.

**Description:** An introduction to the use of photography as an art form. Exploration of traditional and current photographic methods with an emphasis on creating a foundational understanding of the medium's core concepts and techniques. Students will shoot, process, and print their own images, which will be discussed in critique with reference to basic photographic theory.

**Credit hours:** 3

**Contact hours:** Lab: 6 Contact: 6

**Levels:** Undergraduate

**Schedule types:** Lab

**Department/School:** Art

**ART 2403 Illustration I**

**Prerequisites:** ART 1113 and 2.75 graduation/retention GPA.

**Description:** Introduction to historic and contemporary illustration and consideration of a wide range of illustrative styles. Required experiments with media and consideration of alternate ways of illustrating a message through conceptual and compositional variations.

**Credit hours:** 3

**Contact hours:** Lab: 6 Contact: 6

**Levels:** Undergraduate

**Schedule types:** Lab

**Department/School:** Art

**ART 2413 Typography I**

**Prerequisites:** ART 1103 and 2.75 graduation/retention GPA.

**Description:** An investigation of letter forms and their characteristics and a study of spacing, leading, type selection, layout alternatives, type specification, and copy fitting. Preliminary introduction to typography as a communication medium. An understanding of typographic terminology and measuring systems while developing hand skills and introducing computer technology.

**Credit hours:** 3

**Contact hours:** Lab: 6 Contact: 6

**Levels:** Undergraduate

**Schedule types:** Lab

**Department/School:** Art

**ART 2423 Graphic Design I**

**Prerequisites:** ART 1103 and 2.75 graduation/retention GPA.

**Description:** Exploration of basic design principles—line, form, and color, as visual communication. Problem solving, generation of ideas, development of concepts, and the integration of word and image. Technical and presentation skills.

**Credit hours:** 3

**Contact hours:** Lab: 6 Contact: 6

**Levels:** Undergraduate

**Schedule types:** Lab

**Department/School:** Art

**ART 2563 American Social Dance and Visual Culture**

**Description:** This introductory course offers a beginning-level survey of the cultural history of social dance in North America from the eighteenth century to the present. It combines study of the history, theory, and visual/material culture of social dance with physical practice of specific dance forms. Because few comprehensive written sources exist for social dance, visual art, including film, animation, paintings, sculpture, photography, and illustration, is a vital tool for understanding historic dance and its role in American society. Over the course of the semester, we will examine the visual culture of social dance in order to gain insight into its historical functions as a tool for social cohesion, intercultural exchange, protest/activism, and identity formation, among other things. Through the practice of these dance forms, we will add an experiential component to our analysis of the roles that social dance has played in American culture over time. Same course as DANC 2563.

**Credit hours:** 3

**Contact hours:** Contact: 3 Other: 3

**Levels:** Undergraduate

**Schedule types:** Discussion

**Department/School:** Art

**ART 2890 Art History Honors Add-on**

**Prerequisites:** Consent from the art department.

**Description:** A guided reading and research program ending with an honors credit under the direction of a faculty member. Offered for fixed credit, 1 credit hour, maximum of 6 credit hours.

**Credit hours:** 1

**Contact hours:** Lecture: 1 Contact: 1

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Art

**General Education and other Course Attributes:** Honors Credit

**ART 3110 Life Drawing Studio**

**Prerequisites:** ART 2113 or consent of instructor.

**Description:** The development of formal and expressive aspects of drawing by direct observation of the figure and its environment. Emphasis on media experimentation, aesthetic considerations, personal concepts, and anatomy. Offered for fixed credit, 3 credit hours, maximum repeat 9.

**Credit hours:** 3

**Contact hours:** Lab: 6 Contact: 6

**Levels:** Undergraduate

**Schedule types:** Lab

**Department/School:** Art

**ART 3213 Public and Installation Art**

**Prerequisites:** ART 1303 or permission of instructor.

**Description:** Intermediate level course that offers students the opportunity to explore mixed media and multi-media art production through site-sensitive and site specific projects. Lectures will include contemporary and historical examples. Students will have access to a tool shop with instruction and assistance provided. Projects are designed and created for sites outside of the classroom, allowing for individual exploration based upon interests.

**Credit hours:** 3

**Contact hours:** Lecture: 2 Lab: 2 Contact: 4

**Levels:** Undergraduate

**Schedule types:** Lab, Lecture, Combined lecture and lab

**Department/School:** Art

**ART 3223 Oil Painting II**

**Prerequisites:** "C" or better in ART 2223 or ART 2023 or consent of instructor.

**Description:** Oil Painting with emphasis on personal development of visual ideas and techniques.

**Credit hours:** 3

**Contact hours:** Lab: 6 Contact: 6

**Levels:** Undergraduate

**Schedule types:** Lab

**Department/School:** Art

**ART 3233 Watercolor II**

**Prerequisites:** "C" or better in ART 2233 or ART 2033 or consent of instructor.

**Description:** Stresses continued growth of technical skills with an emphasis on the individual development of ideas and imagery.

**Credit hours:** 3

**Contact hours:** Lab: 6 Contact: 6

**Levels:** Undergraduate

**Schedule types:** Lab

**Department/School:** Art

**ART 3243 Jewelry And Metals II**

**Prerequisites:** ART 2243 or ART 2043 or consent of instructor.

**Description:** Development of technical skills and ideas through assigned projects. Metalworking processes include casting, advanced stone setting, hinge making, and forming of metal.

**Credit hours:** 3

**Contact hours:** Lab: 6 Contact: 6

**Levels:** Undergraduate

**Schedule types:** Lab

**Department/School:** Art

**ART 3253 Ceramics II**

**Prerequisites:** "C" or better in ART 2253 or ART 2013 or consent of instructor.

**Description:** Focus on either hand building or throwing techniques. Development of personal expression and technical proficiency with the material and advanced firing and glazing processes. Emphasizing contemporary ceramic issues as well as broader art concepts.

**Credit hours:** 3

**Contact hours:** Lab: 6 Contact: 6

**Levels:** Undergraduate

**Schedule types:** Lab

**Department/School:** Art

**ART 3263 Sculpture II**

**Prerequisites:** "C" or better in ART 2263 or ART 2063 or consent of instructor.

**Description:** Builds on the themes, processes, and materials explored in Sculpture I. Coursework fosters experimentation to allow discovering artistic values through course projects while advancing spatial sensitivity, conceptual thinking, and critical thinking. Emphasizes historical context and contemporary art practices, allowing students to engage in critical dialogue. Previously offered as ART 3333.

**Credit hours:** 3

**Contact hours:** Lab: 6 Contact: 6

**Levels:** Undergraduate

**Schedule types:** Lab

**Department/School:** Art

**ART 3273 Printmaking II**

**Prerequisites:** "C" or better in ART 2273 or ART 2073 or consent of instructor.

**Description:** Development of technical skills and ideas through assigned projects. Intaglio processes include aquatint, softground, and multiple color work. Relief processes include reduction with stencils and multiblock. Litho techniques with permission of instructor.

**Credit hours:** 3

**Contact hours:** Lab: 6 Contact: 6

**Levels:** Undergraduate

**Schedule types:** Lab

**Department/School:** Art

**ART 3293 New Genres in Studio Art**

**Prerequisites:** ART 2283.

**Description:** This course is a continuation of the Studio Art Digital Survey course. New Genres is a continued, more advanced exploration of the concepts, techniques, and history of non-traditional art forms. Students will work in experimental and interdisciplinary ways with non-traditional media such as video, sound, photography, performance, writing, assemblage, and installation. Course previously offered as ART 3283.

**Credit hours:** 3

**Contact hours:** Lab: 6 Contact: 6

**Levels:** Undergraduate

**Schedule types:** Lab

**Department/School:** Art

**ART 3383 Digital Imaging**

**Prerequisites:** ART 2283 or ART 2423 and ART 2433 or by consent of instructor.

**Description:** This studio art course is a continuation of the concepts, tools, and techniques related to digital technology. Students will work specifically with digital photography, digital imaging and printing. Projects in the course will focus on fostering an intermediate level understanding of digital technologies and alternate process printing formats, while allowing more advanced students to incorporate media of personal interest.

**Credit hours:** 3

**Contact hours:** Lab: 6 Contact: 6

**Levels:** Undergraduate

**Schedule types:** Lab

**Department/School:** Art

**ART 3393 Photography II**

**Prerequisites:** "C" or better in ART 2293 or ART 2803 or ART 2093 or consent of instructor.

**Description:** A further exploration of the creative opportunities in photography. Students will build on the basic understanding of the medium acquired in the introductory course, and respond to assigned aesthetic and conceptual problems. In this intermediate course, students will begin to articulate ideas visually and refine their technical skills in camera operation, digital imaging software, and large format printing.

**Credit hours:** 3

**Contact hours:** Lab: 6 Contact: 6

**Levels:** Undergraduate

**Schedule types:** Lab

**Department/School:** Art

**ART 3403 Illustration II**

**Prerequisites:** ART 2403, ART 2413, ART 2423 and portfolio review.

**Description:** Exploration of illustrative solutions to maximize visual interest via varied viewpoints, concepts and altered reality. Projects involving different career areas within the field of illustration. Requirements and advantages of each area.

**Credit hours:** 3

**Contact hours:** Lab: 6 Contact: 6

**Levels:** Undergraduate

**Schedule types:** Lab

**Department/School:** Art

**ART 3413 Typography II**

**Prerequisites:** ART 2403, ART 2413, ART 2423 and portfolio review.

**Description:** Exploration of typographic communication through a variety of problems. Type as the visual solution with emphasis on its functional, decorative, and creative applications. Solution of more complex typographic problems, dealing with a large body of information via the development of grid systems.

**Credit hours:** 3

**Contact hours:** Lab: 6 Contact: 6

**Levels:** Undergraduate

**Schedule types:** Lab

**Department/School:** Art

**ART 3423 Graphic Design II**

**Prerequisites:** ART 2403, ART 2413, ART 2423, and portfolio review.

**Description:** Use of computer and traditional methods to enhance production skills and solution of design projects from concept to the comprehensive. Evaluation and design of symbols and logos and their various applications, leading to an understanding of system design. Introduction to graphic design production and the preparation of art for reproduction.

**Credit hours:** 3

**Contact hours:** Lab: 6 Contact: 6

**Levels:** Undergraduate

**Schedule types:** Lab

**Department/School:** Art

**ART 3453 Motion Design I**

**Prerequisites:** ART 2403, ART 2413, ART 2423 and portfolio review.

**Description:** Introduction to the basic concepts and techniques of motion design as visual communication. Students are introduced to the technical skills and critical thinking necessary for executing creative motion graphics intended to be experienced via electronic media, with an emphasis on typography, composition and design principles.

**Credit hours:** 3

**Contact hours:** Lab: 6 Contact: 6

**Levels:** Undergraduate

**Schedule types:** Lab

**Department/School:** Art

**ART 3463 Interaction Design I**

**Prerequisites:** ART 2403, ART 2413, ART 2423 and portfolio review.

**Description:** Introduction to the basic concepts and techniques of interaction design as visual communication. Use of computer software to execute interactive design work intended to be experienced via electronic media, with an emphasis on typography, functionality and design principles.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Art

**ART 3543 Leonardo, Art, And Science (H)**

**Description:** Explores the deeply entwined fields of Renaissance art and science through the lens of Leonardo's extraordinarily diverse body of work. This course will consider the broader context of anatomical study, alchemy, early modern medicine, technological innovation, and psychology.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Art

**General Education and other Course Attributes:** Humanities

**ART 3553 Fashioning and Self Fashioning: The Renaissance Portrait (H)**

**Description:** Exploration of portraits created in Europe during the Renaissance. Addresses self-fashioning and artifice and the portrait as the collaborative product of artist, patron and subject.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Art

**General Education and other Course Attributes:** Humanities

**ART 3563 History of Prints and Printmaking**

**Description:** A survey of graphic art primarily focused on Europe and the United States, from the 15th - 20th centuries. Relief, intaglio, lithography, photography, and other graphic media. Previously offered as ART 4623.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Art

**ART 3573 History of Photography**

**Prerequisites:** ART 1513 or ART 1503.

**Description:** This course surveys the history of photography from proto-photographic technologies of the 18th and early 19th centuries through contemporary digital practices.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Art

**ART 3583 Introduction to Museum and Curatorial Studies (H)**

**Description:** Historical and theoretical introduction to museum and curatorial studies. Topics include museum ethics, the function of the curator, and the changing role of the museum. Same course as HIST 3593. Previously offered as ART 2643.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Art

**General Education and other Course Attributes:** Humanities

**ART 3600 Writing Methods In Art History**

**Prerequisites:** Consent of instructor.

**Description:** A supervised research and writing project, typically concurrent with enrollment in an upper division art history course. Offered for fixed credit, 1 credit hour, maximum of 2 credit hours.

**Credit hours:** 1

**Contact hours:** Contact: 1 Other: 1

**Levels:** Undergraduate

**Schedule types:** Independent Study

**Department/School:** Art

**ART 3603 History of Classical Art (H)**

**Description:** Stylistic, philosophical, and formal qualities of art in the Classical world. The creation of the Greek ideal and its dissemination in the Roman world through architecture, sculpture, and painting.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Art

**General Education and other Course Attributes:** Humanities

**ART 3623 History of Italian Renaissance Art (H)**

**Description:** Architecture, sculpture, and painting in Italy, c.1300-1580. Major artists in their local contexts (e.g. Leonardo in Milan, Michelangelo in Florence, and Titian in Venice).

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Art

**General Education and other Course Attributes:** Humanities



**ART 3633 History of Baroque Art (H)**

**Description:** Art in 17th century Europe. Architecture, sculpture and painting of the Catholic Reformation (e.g. Caravaggio and Bernini in Italy, Velasquez in Spain, Rubens in Flanders), concluding with painting in non-sectarian, Protestant Netherlands (Rembrandt and Vermeer).

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Art

**General Education and other Course Attributes:** Humanities

**ART 3643 History of Graphic Design**

**Description:** Evolution of graphic communication from prehistoric times to the present. Investigation of the origins of printing and typography in Europe leading to the design of the printed page, the impact of industrial technology upon visual communication and the study of the growth and development of modern graphic design.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Art

**ART 3653 History of 19th Century Art (H)**

**Description:** Art of 19th century Europe—ideals, conflicts, escapes, and triumphs, beginning with the French Revolution and ending in 1900.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Art

**General Education and other Course Attributes:** Humanities

**ART 3663 History of American Art (DH)**

**Description:** Visual arts in America from the Colonial period to the present. Major styles, ideas and uses of material in architecture, painting, sculpture, and design. Same course as AMST 3673.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Art

**General Education and other Course Attributes:** Diversity, Humanities

**ART 3673 History of Northern Renaissance Art**

**Description:** Art in Northern Europe, c. 1200-1550. Emphasis on panel painting in the Netherlands (e.g. Van Eyck, Bosch), and book illustration in Germany (Durer).

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Art

**ART 3683 History of 20th Century Art (HI)**

**Description:** Beginning with the birth of "modernism" in the late 19th century, exploration of the fast-changing artistic styles of the 20th century: abstraction, expressionism, fantasy, realism, surrealism, and social protest. Emphasis on the relationship of art and 20th century society.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Art

**General Education and other Course Attributes:** Humanities, International Dimension

**ART 3693 Survey of Asian Art (H)**

**Description:** Arts of India, China, Japan and related countries in their historical and cultural settings. Traditions of painting, sculpture and architecture from their beginnings to the modern period. Same course as ART 2693.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Art

**General Education and other Course Attributes:** Humanities

**ART 3713 Early Medieval Art: Saints, Martyrs, Pagans (H)**

**Description:** Examination of the visual culture (sculpture, manuscripts, architecture, etc.) of the multicultural early Middle Ages in Europe and the wider Mediterranean world, from roughly 400 to 1050; includes Early Christian, Islamic, Byzantine, Germanic, Carolingian, Ottonian, and Anglo-Saxon artistic production.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Art

**General Education and other Course Attributes:** Humanities

**ART 3723 Court and Cloister: Medieval Art 1050-1400 (H)**

**Description:** Examination of the visual culture (sculpture, manuscripts, architecture, etc.) of the later Middle Ages in Europe and the wider Mediterranean world, from roughly 1050 through 1400; includes Islamic, Byzantine, Romanesque, and Gothic artistic production. Course previously offered as ART 3613.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Art

**General Education and other Course Attributes:** Humanities

**ART 3733 History of Latin American Art I**

**Description:** An overview of Latin American visual culture from the Precolumbian period to the present. We consider Maya, Aztec, and Inca cultures, the colonial arts of Spanish America, the South American avant-garde, Mexican muralism and surrealism, and contemporary video, performance and installation.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Art

**ART 3743 History of Latin American Art II (HI)**

**Description:** Exploration of modern Latin American Art, beginning with academic painting and emerging nationalisms in the nineteenth century and continuing through Mexican Muralism, modern art movements in South America, and contemporary painting, film, video, performance, and installation.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Art

**General Education and other Course Attributes:** Humanities, International Dimension

**ART 3753 The Arts of Spain and the Spanish World (H)**

**Description:** The art and culture of Spain and the Spanish world, including Paleolithic art, Renaissance and Baroque works from the Iberian Peninsula and American viceroyalties, and ending with Picasso and Miro.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Art

**General Education and other Course Attributes:** Humanities

**ART 3763 Art Travel Course**

**Description:** Art courses involved with the participation of a formal or informal travel experience outside the state.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Art

**ART 3773 History of African American Art**

**Description:** The history of African American visual arts and material culture. Topics might include black visual artists and movements, black art criticism, global contexts, and museum practices in relation to African American artists and/or artists of the African diaspora.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Art

**ART 3800 Special Topics in Art History**

**Description:** Art history course on special subjects and various issues. Offered on campus. Offered for fixed credit, 3 credit hours, maximum of 6 credit hours.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Art

**ART 3890 Art History Honors Course**

**Prerequisites:** Consent from the Art Department.

**Description:** Departmental invitation, Honors Program participation. A guided reading and research program ending with an honors under the direction of a faculty member. Offered for fixed credit, 3 credit hours, maximum of 6 credit hours.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Art

**General Education and other Course Attributes:** Honors Credit

**ART 4053 Alternative Photography**

**Prerequisites:** ART 3393, Photography II.

**Description:** This photography course provides an introduction to traditional photographic processes such as silver gelatin, salt prints, cyanotype, Van Dyke, and gum bichromate. Students will learn a variety of analog photographic processes as avenues to explore current questions in the medium. Through a series of assigned readings and regular critiques, students will consider their projects from a contemporary art perspective.

**Credit hours:** 3

**Contact hours:** Lab: 6 Contact: 6

**Levels:** Undergraduate

**Schedule types:** Lab

**Department/School:** Art

**ART 4100 Advanced Drawing**

**Prerequisites:** ART 1113 and ART 1203 and ART 2113.

**Description:** An open medium investigation of drawing concepts, stressing personal thematic development, experimentation, and individually designed imagery. Offered for fixed credit, 3 credit hours, maximum repeat 9.

**Credit hours:** 3

**Contact hours:** Lab: 6 Contact: 6

**Levels:** Undergraduate

**Schedule types:** Lab

**Department/School:** Art

**ART 4211 BFA Studio Capstone Exhibition**

**Prerequisites:** Must have passed the BFA Studio Capstone Exhibition Review, must have consent of instructor.

**Description:** Provides individual guidance and instruction necessary for mounting the BFA Studio Capstone Exhibition. This exhibition is the culminating event of the studio major's studies and a final preparation for a career in the studio arts. Enrollment must occur during the semester in which the BFA Studio Capstone Exhibition is to be mounted.

**Credit hours:** 1

**Contact hours:** Contact: 1 Other: 1

**Levels:** Undergraduate

**Schedule types:** Independent Study

**Department/School:** Art

**ART 4213 BFA Studio Capstone**

**Prerequisites:** ART 2003, and concurrent enrollment in upper-division studio art course, or consent of instructor.

**Description:** The purpose of this course is to provide students with the knowledge they need to make a career in art. Using the art they are preparing for the BFA Studio Capstone Exhibition, students will develop presentation and marketing materials in line with the professional standards of the field. They will be taught how to find, recognize and pursue artistic opportunities. Previously offered as ART 4210.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Art

**ART 4220 Oil Painting Studio**

**Prerequisites:** ART 3223.

**Description:** Oil painting with emphasis on continuing personal development of visual ideas and techniques. Course previously offered as ART 4120. Offered for fixed credit, 3 credit hours, maximum repeat 9.

**Credit hours:** 3

**Contact hours:** Lab: 6 Contact: 6

**Levels:** Undergraduate

**Schedule types:** Lab

**Department/School:** Art

**ART 4223 BA Studio Capstone**

**Prerequisites:** ART 2003 and senior standing or consent of instructor.

**Description:** The course provides guided assistance to BA Studio Art students in developing a professional portfolio as it relates to their career interests in the arts. Previously offered as ART 4110.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Art

**ART 4230 Watercolor Studio**

**Prerequisites:** ART 3233.

**Description:** Stresses continued growth of personal imagery with an emphasis on the development of a consistent body of work and professional portfolio. Course previously offered as ART 4130. Offered for fixed credit, 3 credit hours, maximum repeat 12.

**Credit hours:** 3

**Contact hours:** Lab: 6 Contact: 6

**Levels:** Undergraduate

**Schedule types:** Lab

**Department/School:** Art

**ART 4240 Jewelry and Metals Studio**

**Prerequisites:** ART 3243.

**Description:** Emphasis on further development of personal concepts and technical skills through assigned and individual oriented projects. Broad-based exploration of advanced metalworking processes with emphasis on individual students' direction and technical needs. Course previously offered as ART 4340. Offered for fixed credit, 3 credit hours, maximum repeat 12.

**Credit hours:** 3

**Contact hours:** Lab: 6 Contact: 6

**Levels:** Undergraduate

**Schedule types:** Lab

**Department/School:** Art

**ART 4250 Ceramics Studio**

**Prerequisites:** ART 3253.

**Description:** Intended for students who want to specialize in the ceramic field of art. Will include sophisticated techniques of clay, glaze and firing methods. Emphasis on creation of a unique, well researched, aesthetically concise, and technically successful body of work. Course previously offered as ART 4500. Offered for fixed credit, 3 credit hours, maximum repeat 12.

**Credit hours:** 3

**Contact hours:** Lab: 6 Contact: 6

**Levels:** Undergraduate

**Schedule types:** Lab

**Department/School:** Art

**ART 4260 Sculpture Studio**

**Prerequisites:** ART 3263.

**Description:** A broad-based course which allows students to pursue individual interests using a variety of materials and processes. Emphasis on further development of concepts, skills, and techniques. Course previously offered as ART 4330. Offered for fixed credit, 3 credit hours, maximum repeat 12.

**Credit hours:** 3

**Contact hours:** Lab: 6 Contact: 6

**Levels:** Undergraduate

**Schedule types:** Lab

**Department/School:** Art

**ART 4270 Printmaking Studio**

**Prerequisites:** ART 3273 and proficiency review or consent of instructor.

**Description:** A broad-based course which allows students to pursue individual interests using a variety of printmaking materials and processes. Emphasis on further development of concepts, skills and techniques. Offered for fixed credit, 3 credit hours, maximum repeat 12.

**Credit hours:** 3

**Contact hours:** Lab: 6 Contact: 6

**Levels:** Undergraduate

**Schedule types:** Lab

**Department/School:** Art

**ART 4280 Photography Studio**

**Prerequisites:** ART 3393 or consent of instructor.

**Description:** The development of a personal artistic expression using photography. Through a combination of assigned and self-directed projects, this advanced course focuses on the continued development of conceptual aptitude and technical skills. The emphasis is on developing a creative body of work and engaging current and theoretical trends in the medium. Offered for fixed credit, 3 credit hours, maximum of 12 credit hours.

**Credit hours:** 3

**Contact hours:** Lab: 6 Contact: 6

**Levels:** Undergraduate

**Schedule types:** Lab

**Department/School:** Art

**ART 4420 Graphic Design Studio**

**Prerequisites:** ART 3423, ART 3443 or consent of instructor.

**Description:** Design and production of projects suited to the professional portfolio. Discussion of practical issues including career options, resume and portfolio preparation, and interview techniques. Offered for fixed credit, 3 credit hours, maximum repeat 9.

**Credit hours:** 3

**Contact hours:** Lab: 6 Contact: 6

**Levels:** Undergraduate

**Schedule types:** Lab

**Department/School:** Art

**ART 4430 Illustration Studio**

**Prerequisites:** ART 3403, ART 3443 or consent of instructor.

**Description:** Conceptual development and production of illustrations in series. Development of individual style and assembly of a professional and consistent portfolio. Offered for fixed credit, 3 credit hours, maximum repeat 9.

**Credit hours:** 3

**Contact hours:** Lab: 6 Contact: 6

**Levels:** Undergraduate

**Schedule types:** Lab

**Department/School:** Art

**ART 4450 Motion Design Studio**

**Prerequisites:** ART 3443 or consent of instructor.

**Description:** Exploration of motion design as visual communication. Development of technical skills and critical thinking necessary for executing creative motion graphics portfolio work intended to be experienced via electronic media, with an emphasis on conceptual development and application of design principles. Course previously offered as ART 4453. Offered for fixed credit, 3 credit hours, maximum repeat 9.

**Credit hours:** 3

**Contact hours:** Lab: 6 Contact: 6

**Levels:** Undergraduate

**Schedule types:** Lab

**Department/School:** Art

**ART 4460 Interaction Design Studio**

**Prerequisites:** ART 3453 or consent of instructor.

**Description:** Exploration of the visual and technical aspects of interaction with various electronic platforms to design effective graphical user interfaces. Emphasis on quantitative and qualitative research, process, and traditional graphic design methods for creating user-centered digital environments. Offered for fixed credit, 3 credit hours, maximum repeat 9.

**Credit hours:** 3

**Contact hours:** Lab: 6 Contact: 6

**Levels:** Undergraduate

**Schedule types:** Lab

**Department/School:** Art

**ART 4493 Portfolio Capstone**

**Prerequisites:** Senior standing and consent of instructor.

**Description:** Final preparation of a professional portfolio, culminating in an extensive design project and the design, organization and production of an exhibition of work. Professional study on setting fees, writing contracts, working with an agent and other business practices.

**Credit hours:** 3

**Contact hours:** Lab: 6 Contact: 6

**Levels:** Undergraduate

**Schedule types:** Lab

**Department/School:** Art

**ART 4583 Rome: The Eternal City in Art and Film (H)**

**Description:** The idea of Rome as seen through ancient and modern visual culture. Course begins with the Augustan propaganda machine and subsequently considers the most significant imperial image-makers to follow. A major portion of the course will be devoted to more recent and modern projections of the city, from Mussolini's New Rome to Fellini's Roma. No credit for students with credit in ART 5583.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Art

**General Education and other Course Attributes:** Humanities

**ART 4593 Art of Conversion: 16th Century Art in Mexico (H)**

**Description:** Art and architecture of the sixteenth century, including mission architecture, early altar-screens, the effect of European imports on native art production, and the role of confraternities and public ceremonies on contact-period culture. No credit for students with credit in ART 5593.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Art

**General Education and other Course Attributes:** Humanities

**ART 4603 History of Ancient Egyptian Art**

**Description:** Broad survey of ancient Egyptian art and architecture from Pre-dynastic to the beginning of the Christian Era under Roman rule (4000 B.C.-320 A.D.). Discussion within the context of religious meaning and overall cultural development of ancient Egypt.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Art

**ART 4613 Art Since 1960**

**Prerequisites:** ART 1513.

**Description:** Art and art theory from 1960 to the present. Major trends of Minimalism, Pop Art, Photo Realism, Performance, and Conceptual Art. Theories and intellectual bases of each movement as well as major critical responses. No credit for students with credit in ART 5613.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Art

**ART 4653 History of Indian Art**

**Description:** The history and culture of South Asia (India and Pakistan) are explored through its arts —architecture, sculpture, painting, and design.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Art

**ART 4663 History of Chinese Art (H)**

**Description:** The arts of China in their historical, cultural, religious, and social context. Painting, sculpture, architecture, porcelain, furniture, and decorative arts. No credit for students with credit in ART 5663.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Art

**General Education and other Course Attributes:** Humanities

**ART 4673 History of Japanese Art**

**Description:** Critical social, religious, and historical issues in the arts of Japan. Painting, sculpture, architecture, landscape architecture, prints, and decorative arts. No credit for students with credit in ART 5673.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Art

**ART 4683 Modern and Contemporary Art in Asia**

**Description:** Modern and contemporary art in Asia. Special attention to the role of race, gender, and social class on artistic production. May not be used for degree credit with ART 5683.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Art

**ART 4693 Gender And Visual Culture**

**Description:** Explores themes and issues surrounding gender in relation to art history and visual culture more broadly. Topics may include artists and creators, sexuality, the body, eroticism, historicizing gender, feminism and feminist theory, etc. No credit for students with credit in ART 5693.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Art

**ART 4703 Art East and West: Biases and Borrowings**

**Description:** Explores the complicated interaction, cultural borrowings and responses on many levels of two major world systems, the "West" (Europe and America) and the "East" (South and East Asia). Beginning with the development of the sea trade in the 16th century, the course will study, through works of art, the effect of history, politics, religious struggles, economics, trade and ethnic biases on the cultures of East and West. No credit for students with credit in ART 5703.

**Credit hours:** 3

**Contact hours:** Lecture: 2 Contact: 3 Other: 1

**Levels:** Undergraduate

**Schedule types:** Discussion, Combined lecture & discussion, Lecture

**Department/School:** Art

**ART 4713 The Visual Culture of the Islamic World (HI)**

**Description:** Examines the visual culture, including art and architecture, of the Islamic world, dating from the inception of Islam in seventh-century Arabia through today. No credit for students with credit in ART 5713.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Art

**General Education and other Course Attributes:** Humanities, International Dimension

**ART 4723 History of Museums and Collecting**

**Description:** Investigation of the history of museums and collecting practices in Western Europe and the United States from the sixteenth century to the mid-20th century. Same course as ART 5723.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Art

**ART 4733 Museum Education**

**Prerequisites:** ART 1513 or ART 2643 or by permission of instructor.

**Description:** Introduction to the major topics in museum education, including how object based learning is used with individuals and groups. Addresses the major pedagogical issues surrounding the use of art and other objects in museums. May not be used for degree credit with ART 5733.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Art

**ART 4763 Native American Art and Material Culture**

**Description:** Survey of the history and material production of the Native American tribes living within the boundaries of the continental United States and Canada. Focus on basic concepts and primary issues related to tribes of the major geographical areas: the woodland areas, which includes the Northeast and Great Lakes area, the Southeast, the Great Plains, the Southwest, the Plateau and West Coast, and the Northwest Coast. No credit for students with credit in ART 5763.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Art

**ART 4783 Rembrandt Van Rijn**

**Prerequisites:** ART 1503 or ART 1515 or ART 1603 or by permission of instructor.

**Description:** The Dutch artist Rembrandt van Rijn (1606-1669) was one of the most important and innovative painters and printmakers of the seventeenth century. This course will acquaint students with both his extensive body of work and the central critical issues that interest scholars today. Same course as ART 5783.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Art



**ART 4793 Architecture and Space in East Asia**

**Description:** History of Architecture in East Asia from the traditional Chinese timber frame to the 20th century. Will address how architecture delivers political ideologies and structures social relationships, both symbolically and in practice. May not be used for degree credit with ART 5793.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Art

**ART 4800 Special Studies in Art**

**Prerequisites:** Junior standing and consent of instructor.

**Description:** Courses in media exploration, special subjects and current issues. Offered on campus or through extension workshops. Offered for variable credit, 1-3 credits, max 9.

**Credit hours:** 1-3

**Contact hours:** Contact: 1-3 Other: 1-3

**Levels:** Undergraduate

**Schedule types:** Independent Study

**Department/School:** Art

**ART 4810 Museum Internship**

**Description:** An on-site museum experience, including exhibition selection and preparation, collection cataloging and research, and museum administration. Offered for variable credit, 1-3 credits, max 9.

**Credit hours:** 1-3

**Contact hours:** Contact: 1-3 Other: 1-3

**Levels:** Undergraduate

**Schedule types:** Independent Study

**Department/School:** Art

**ART 4813 Museum Exhibition**

**Description:** Designing an exhibition that draws on the Oklahoma State University art collection. Includes museum history, theory, and curatorial practice. Same course as ART 5813.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Art

**ART 4820 Graphic Design Internship**

**Prerequisites:** ART 3403 or ART 3423 and consent of instructor.

**Description:** An on-site graphic design work experience that provides professional practice under the supervision of a design professional. Offered for variable credit, 1-6 credits, maximum of 6 credit hours.

**Credit hours:** 1-6

**Contact hours:** Contact: 1-6 Other: 1-6

**Levels:** Undergraduate

**Schedule types:** Independent Study

**Department/School:** Art

**ART 4830 Apprenticeship**

**Description:** Professional opportunity to work with artists of national and international reputation. Offered for variable credit, 1-6 credit hours, maximum of 6 credit hours.

**Credit hours:** 1-6

**Contact hours:** Contact: 1-6 Other: 1-6

**Levels:** Undergraduate

**Schedule types:** Independent Study

**Department/School:** Art

**ART 4840 Studio Art Internship**

**Prerequisites:** Formal written approval of Studio Art faculty sponsor and on-site supervisor.

**Description:** The studio art internship provides direct occupational experience in a professional arts related work environment under the direct supervision of a professional or someone of significant stature in an arts related field. A final associated paper/project is required. Offered for variable credit, 1-3 credit hours, maximum of 6 credit hours.

**Credit hours:** 1-3

**Contact hours:** Contact: 1-3 Other: 1-3

**Levels:** Undergraduate

**Schedule types:** Independent Study

**Department/School:** Art

**ART 4850 Special Topics in Graphic Design**

**Prerequisites:** ART 3423 and ART 4420 or ART 4450 or ART 4460.

**Description:** Course in graphic design and design media exploration, current practices, and contemporary issues. Includes specific topics such as: advanced typography, (lettering, typeface design), exhibition design, way-finding and navigational graphics, design writing workshop, magazine design, new media tools, and creative coding. Offered on campus or through extension workshops. May not be used for degree credit with ART 5850.

**Credit hours:** 3

**Contact hours:** Lab: 6 Contact: 6

**Levels:** Undergraduate

**Schedule types:** Lab

**Department/School:** Art

**ART 4860 Art History Seminar**

**Description:** Art history seminar courses on special subjects and various issues. Open to major and non-major students. May not be used for degree credit with ART 5860. Offered for fixed credit, 3 credit hours, maximum of 12 credit hours.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Art

**ART 4900 Directed Study In Art**

**Prerequisites:** Junior standing and written permission of department head.

**Description:** Self-designed special topics in studio art or graphic design. By contract only. May not be used for degree credit with ART 5900.

Offered for variable credit, 1-3 credit hours, maximum of 9 credit hours.

**Credit hours:** 1-3

**Contact hours:** Contact: 1-3 Other: 1-3

**Levels:** Undergraduate

**Schedule types:** Independent Study

**Department/School:** Art

**ART 4910 Directed Study in Art History**

**Prerequisites:** Junior standing and written consent of department head.

**Description:** Self-designed special topics in art history. By contract only. May not be used for degree credit with ART 5910. Offered for variable credit, 1-3 credit hours, maximum of 9 credit hours.

**Credit hours:** 1-3

**Contact hours:** Contact: 1-3 Other: 1-3

**Levels:** Undergraduate

**Schedule types:** Independent Study

**Department/School:** Art

**ART 4920 Art History Symposium**

**Prerequisites:** One hour of ART 3600 and ART 4933.

**Description:** Specifically for art history majors, and typically taken during the student's final year. Students prepare for, and participate in, a public presentation of a research paper (ART 3600). Special attention is given to a speaker's argument, methodology, visual, and overall presentation. Offered for fixed credit, 2 credit hours.

**Credit hours:** 2

**Contact hours:** Contact: 2 Other: 2

**Levels:** Undergraduate

**Schedule types:** Independent Study

**Department/School:** Art

**ART 4933 Art in Context**

**Prerequisites:** One hour of ART 3600.

**Description:** Designed specifically for art history majors, and typically taken during the junior year, this course examines select critical theories and their methodological application.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Art

**ART 4973 20th Century Chinese Art**

**Description:** This course will explore the ways in which Chinese artists of the 20th century have defined China's history and culture.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Art

**ART 4993 Senior Honors Project**

**Prerequisites:** Departmental invitation, Senior standing, Honors Program participation.

**Description:** A guided reading and research program ending with an honors thesis or project under the direction of a faculty member. Required for graduation with departmental honors in art.

**Credit hours:** 3

**Contact hours:** Lab: 6 Contact: 6

**Levels:** Undergraduate

**Schedule types:** Lab

**Department/School:** Art

**General Education and other Course Attributes:** Honors Credit

**ART 5000 Art History Master's Thesis**

**Description:** Independent study course intended to provide guidance for research and writing of MA Thesis in art history. Offered for variable credit, 1-3 credit hours, maximum of 6 credit hours.

**Credit hours:** 1-3

**Contact hours:** Contact: 1-3 Other: 1-3

**Levels:** Graduate

**Schedule types:** Independent Study

**Department/School:** Art

**ART 5013 Theory and Methods in Art History**

**Description:** This course examines the field of art history in terms of its historiography, research methods, critical frameworks and theoretical underpinnings. Students are expected to develop and articulate their own theoretical and methodological position in the context of and with explicit reference to contemporary praxis and theory.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Graduate

**Schedule types:** Lecture

**Department/School:** Art

**ART 5400 Graduate Study: Graphic Design Thesis**

**Description:** Independent inquiry based on an original idea associated with a student's chosen area of concentration under the direction and supervision of a major professor and graduate thesis committee. Thesis requires the definition of a graphic design problem, research of case studies and visual works relevant to the thesis topic, and the creation of an outline for the thesis. Offered for variable credit, 1-3 credit hours, maximum of 9 credit hours.

**Credit hours:** 1-3

**Contact hours:** Contact: 1-3 Other: 1-3

**Levels:** Graduate

**Schedule types:** Independent Study

**Department/School:** Art

**ART 5410 Graduate Graphic Design Internship**

**Description:** On-site, graphic design work experience that provides graduate level students with professional practice under the supervision of a design professional. Offered for fixed credit, 3 credit hours, maximum of 6 credit hours.

**Credit hours:** 3

**Contact hours:** Contact: 3 Other: 3

**Levels:** Graduate

**Schedule types:** Independent Study

**Department/School:** Art

**ART 5413 Graduate Teaching Practicum in Graphic Design**

**Description:** This course is intended to provide graduate graphic design students seeking a career in higher education with university-level teaching methods and professional practices of curriculum development, syllabus writing, clarity of thinking, and various components of professional papers and presentations.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Graduate

**Schedule types:** Lecture

**Department/School:** Art

**ART 5420 Graduate Graphic Design Studio**

**Description:** Introduction to the advanced concepts and techniques of graphic design as visual communication. Graduate students are introduced to the critical thinking necessary and technical skills for executing creative graphics work intended to be experienced via print media, with an emphasis on typography, composition and design principles. Offered for variable credit, 3-6 credit hours, maximum of 6 credit hours.

**Credit hours:** 3-6

**Contact hours:** Lab: 6-12 Contact: 6-12

**Levels:** Graduate

**Schedule types:** Lab

**Department/School:** Art

**ART 5423 Graduate Study in Graphic Design History**

**Description:** This course builds on foundational knowledge of graphic design history. Emphasis is placed on in-depth review and analysis of ground breaking design movements and perspectives, from modernism to contemporary era. Lectures, readings, research and other course activities will bring forth critical understanding of the relationship of history, design and culture as interconnected thread throughout time.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Graduate

**Schedule types:** Lecture

**Department/School:** Art

**ART 5440 Graduate Special Topics in Graphic Design**

**Description:** Application of graphic design processes utilizing hybrid media and forms to address research topics. Emphasis on creative approaches to concept-driven design projects and development of a theoretical framework appropriate for graduate level work. Offered for variable credit, 3-6 credit hours, maximum of 6 credit hours.

**Credit hours:** 3-6

**Contact hours:** Lecture: 3-6 Contact: 3-6

**Levels:** Graduate

**Schedule types:** Lecture

**Department/School:** Art

**ART 5450 Graduate Motion Design Studio**

**Description:** Exploration of motion design as visual communication. Development of technical skills and critical thinking necessary for executing creative motion graphics portfolio work intended to be experienced via electronic media, with an emphasis on conceptual development and application of design principles. Offered for variable credit, 3-9 credit hours, maximum of 9 credit hours.

**Credit hours:** 3-9

**Contact hours:** Lab: 6-18 Contact: 6-18

**Levels:** Graduate

**Schedule types:** Lab

**Department/School:** Art

**ART 5460 Graduate Interaction Design Studio**

**Description:** Exploration of the visual and technical aspects of interaction with various electronic platforms to design effective graphical user interfaces. Emphasis on quantitative and qualitative research, process and traditional graphic design methods for creating user-centered digital environments. Offered for variable credit, 3-9 credit hours, maximum of 9 credit hours.

**Credit hours:** 3-9

**Contact hours:** Lab: 6-18 Contact: 6-18

**Levels:** Graduate

**Schedule types:** Lab

**Department/School:** Art

**ART 5470 Graduate Study in Graphic Design**

**Description:** Intensive graduate course of study in the fundamentals of graphic design. The course emphasizes research and analysis and the design processes that lead to creative conceptualization and final design solutions. Students are expected to demonstrate sophisticated design decisions and appropriate design solutions that demonstrate a high level of expertise and achievement to be experienced via print media. Offered for variable credit, 3-9 credit hours, maximum of 9 credit hours.

**Credit hours:** 3-9

**Contact hours:** Lab: 6-18 Contact: 6-18

**Levels:** Graduate

**Schedule types:** Lab

**Department/School:** Art

**ART 5480 Graduate Study in Motion Design**

**Description:** Graduate level course in motion design (also referred to as motion graphics). This course provides students with the opportunity to conduct research, develop advanced technical skills and apply critical thinking to graphic design using time based media. Students will explore the role motion design plays in shaping meaning and contributing to visual culture. Offered for variable credit, 3-9 credit hours, maximum of 9 credit hours.

**Credit hours:** 3-9

**Contact hours:** Lab: 6-18 Contact: 6-18

**Levels:** Graduate

**Schedule types:** Lab

**Department/School:** Art

**ART 5490 Graduate Study in Interaction Design**

**Description:** Interaction Design, as it relates to the field of Graphic Design, is the creation of a dialogue between a person and a product, system, or interplay between form, function, and technology as experienced over time. Students will explore the role of graphic design while conducting sound research in a variety of disciplines such as psychology, communication theory, and sensory integration. Offered for variable credit, 3-9 credit hours, maximum of 9 credit hours.

**Credit hours:** 3-9

**Contact hours:** Lab: 6-18 Contact: 6-18

**Levels:** Graduate

**Schedule types:** Lab

**Department/School:** Art

**ART 5583 Rome Eternal City**

**Description:** The idea of Rome as seen through ancient and modern visual culture. Course begins with the Augustan propaganda machine and subsequently considers the most significant imperial image-makers to follow. A major portion of the course will be devoted to more recent and modern projections of the city, from Mussolini's New Rome to Fellini's Roma. No credit for students with credit in ART 4583.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Graduate

**Schedule types:** Lecture

**Department/School:** Art

**ART 5593 Art of Conversion: 16th Century Art in Mexico**

**Description:** Art and architecture of the sixteenth century, including mission architecture, early altar-screens, the effect of European imports on native art production, and the role of confraternities and public ceremonies on contact-period culture. No credit for students with credit in ART 4593.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Graduate

**Schedule types:** Lecture

**Department/School:** Art

**ART 5613 Art Since 1960**

**Prerequisites:** Permission of instructor.

**Description:** Art and art theory from 1960 to present. Major trends of Minimalism, Pop Art, Photorealism, Performance, and Conceptual Art. Theories and intellectual bases of each movement as well as major critical responses. No credit for students with credit in ART 4613.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Graduate

**Schedule types:** Lecture

**Department/School:** Art

**ART 5663 History Of Chinese Art**

**Description:** Critical social, religious, and historical issues in the arts of China. Painting, sculpture, architecture, porcelain, furniture, and decorative arts. No credit for students with credit in ART 4663.

**Credit hours:** 3

**Contact hours:** Lecture: 2 Contact: 3 Other: 1

**Levels:** Graduate

**Schedule types:** Discussion, Combined lecture & discussion, Lecture

**Department/School:** Art

**ART 5673 History of Japanese Art**

**Description:** Critical social, religious, and historical issues in the arts of Japan. Painting, sculpture, architecture, landscape architecture, prints, and decorative arts. No credit for students with credit in ART 4673.

**Credit hours:** 3

**Contact hours:** Lecture: 2 Contact: 3 Other: 1

**Levels:** Graduate

**Schedule types:** Discussion, Combined lecture & discussion, Lecture

**Department/School:** Art

**ART 5683 Modern and Contemporary Art in Asia**

**Description:** Modern and contemporary art in Asia. Special attention to the role of race, gender, and social class on artistic production. May not be used for degree credit with ART 4683.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Graduate

**Schedule types:** Lecture

**Department/School:** Art

**ART 5693 Gender and Visual Culture**

**Description:** Explores themes and issues surrounding gender in relation to art history and visual culture more broadly. Topics may include artists and creators, sexuality, the body, eroticism, historicizing gender, feminism and feminist theory, etc. No credit for students with credit in ART 4693.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Graduate

**Schedule types:** Lecture

**Department/School:** Art

**ART 5703 Art East and West: Biases and Borrowings**

**Prerequisites:** Instructor permission.

**Description:** Explores the complicated interaction, cultural borrowings and responses on many levels of two major world systems, the "West" (Europe and America) and the "East" (South and East Asia). Beginning with the development of the sea trade in the 16th century, the course will study, through works of art, the effect of history, politics, religious struggles, economics, trade and ethnic biases on the cultures of East and West. No credit for students with credit in ART 4703.

**Credit hours:** 3

**Contact hours:** Lecture: 2 Contact: 3 Other: 1

**Levels:** Graduate

**Schedule types:** Discussion, Combined lecture & discussion, Lecture

**Department/School:** Art

**ART 5713 Islamic Visual Culture**

**Description:** Examines the visual culture, including art and architecture, of the Islamic world, dating from the inception of Islam in seventh-century Arabia through today. No credit for students with credit in ART 4713.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Graduate

**Schedule types:** Lecture

**Department/School:** Art

**ART 5723 History of Museums and Collecting**

**Prerequisites:** Graduate standing.

**Description:** Investigation of the history of museums and collecting practices in Western Europe and the United States from the sixteenth century to the mid-20th century. Same course as ART 4723.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Graduate

**Schedule types:** Lecture

**Department/School:** Art

**ART 5730 Practicum in Curatorial Practice**

**Prerequisites:** Graduate standing.

**Description:** Curatorial experience under the supervision of a museum and curatorial studies certificate program faculty member. Students will assist in the conceptualization, research and organization of an existing curatorial project or create one of their own. Offered for variable credit, 1-3 credit hours, maximum of 3 credit hours.

**Credit hours:** 1-3

**Contact hours:** Lecture: 1-3 Contact: 1-3

**Levels:** Graduate

**Schedule types:** Lecture

**Department/School:** Art

**ART 5733 Museum Education**

**Prerequisites:** Graduate standing.

**Description:** Introduction to the major topics in museum education, including how object-based learning is used with individuals and groups. Addresses the major pedagogical issues surrounding the use of art and other objects in museums. Same course as ART 4733.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Graduate

**Schedule types:** Lecture

**Department/School:** Art

**ART 5763 Native American Art and Material Culture**

**Prerequisites:** Permission of instructor.

**Description:** Survey of the history and material production of the Native American tribes living within the boundaries of the continental United States and Canada. Focus on basic concepts and primary issues related to tribes of the major geographical areas: the woodland areas, which includes the Northeast and Great Lakes area, the Southwest, the Great Plains, the Southwest, the Plateau and West Coast, and the Northwest Coast. No credit for students with credit in ART 4763.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Graduate

**Schedule types:** Lecture

**Department/School:** Art

**ART 5783 Rembrandt Van Rijn**

**Prerequisites:** Graduate student standing.

**Description:** On-site museum experience, including exhibition selection and preparation, collection cataloging and research, museum education, and museum administration.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Graduate

**Schedule types:** Lecture

**Department/School:** Art

**ART 5793 Architecture and Space in East Asia**

**Description:** History of Architecture in East Asia from the traditional Chinese timber frame to the 20th century. Will address how architecture delivers political ideologies and structures social relationships, both symbolically and in practice. May not be used for degree credit with ART 4793.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Graduate

**Schedule types:** Lecture

**Department/School:** Art

**ART 5810 Museum Studies Internship**

**Prerequisites:** Graduate student standing.

**Description:** On-site museum experience, including exhibition selection and preparation, collection cataloging and research, museum education, and museum administration. Offered for variable credit, 1-3 credit hours, maximum of 6 credit hours.

**Credit hours:** 1-3

**Contact hours:** Contact: 1-3 Other: 1-3

**Levels:** Graduate

**Schedule types:** Independent Study

**Department/School:** Art

**ART 5813 Museum Exhibition**

**Prerequisites:** Graduate standing or permission of instructor.

**Description:** Designing an exhibition that draws on the Oklahoma State University art collection. Includes museum history, theory, and curatorial practice. Same course as ART 4813.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Graduate

**Schedule types:** Lecture

**Department/School:** Art

**ART 5850 Special Topics in Graphic Design**

**Description:** Course in graphic design and design media exploration, current practices, and contemporary issues. Includes specific topics such as: advanced typography, (lettering, typeface design), exhibition design, way-finding and navigational graphics, design writing workshop, magazine design, new media tools, and creative coding. Offered on campus or through extension workshops. May not be used for degree credit with ART 4850. Offered for fixed credit, 3 credit hours, maximum of 6 credit hours.

**Credit hours:** 3

**Contact hours:** Lab: 6 Contact: 6

**Levels:** Graduate

**Schedule types:** Lab

**Department/School:** Art

**ART 5860 Art History Seminar**

**Description:** Art history seminar courses on special subjects and various issues. Open to major and non-major students. May not be used for degree credit with ART 4860. Offered for fixed credit, 3 credit hours, maximum of 12 credit hours.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Graduate

**Schedule types:** Lecture

**Department/School:** Art

**ART 5900 Graduate Studies in Art**

**Prerequisites:** BA, BFA or 15 upper-division hours in a discipline; consent of instructor.

**Description:** Projects in art with emphasis on portfolio preparation. Offered for variable credit, 1-6 credit hours, maximum of 12 credit hours.

**Credit hours:** 1-6

**Contact hours:** Contact: 1-6 Other: 1-6

**Levels:** Graduate

**Schedule types:** Independent Study

**Department/School:** Art

**ART 5910 Graduate Studies in Art History**

**Prerequisites:** BA, BFA or 15 upper-division hours in art history; consent of instructor.

**Description:** Advanced research in art history. Offered for variable credit, 1-6 credit hours, maximum of 12 credit hours.

**Credit hours:** 1-6

**Contact hours:** Contact: 1-6 Other: 1-6

**Levels:** Graduate

**Schedule types:** Independent Study

**Department/School:** Art

**ART 5920 Art History Graduate Seminar**

**Description:** Special topics graduate seminar in art history. Offered for variable credit, 3-12 credit hours, maximum of 12 credit hours.

**Credit hours:** 3-12

**Contact hours:** Contact: 3-24 Other: 3-24

**Levels:** Graduate

**Schedule types:** Independent Study

**Department/School:** Art

**ART 5973 20th Century Chinese Art**

**Description:** This course will explore the ways in which Chinese artists of of the 20th century have defined China's history and culture. May not be used for degree credit with ART 4973.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Graduate

**Schedule types:** Lecture

**Department/School:** Art

## Undergraduate Programs

- Art: Art History, BA (p. 1019)
- Art: Graphic Design, BFA (p. 1023)
- Art: Studio Art, BA (p. 1027)
- Art: Studio, BFA (p. 1031)

## Graduate Programs

The Department of Art, Graphic Design and Art History offers an MA Program in Art History.

## The Master of Arts Degree in Arts History

This program differs from most traditional art history programs through its emphasis on intercultural connections, globalism and transnationalism. The program includes a broad geo-cultural spectrum with six full-time faculty members who specialize in the art of the Americas, Europe and Asia. In partnership with the OSU Museum of Art, Postal Plaza Gallery and the Gardiner Gallery of Art in the Bartlett Center, students may also take coursework and gain hands-on training in museum and curatorial studies. The MA degree requires a minimum of 30 hours of graduate coursework, a thesis and a defense. Students



will select two geographic areas of concentration within the five currently offered in the Department of Art, one to be the major area and the other the minor (the current areas are Europe, United States, Latin America, East Asia, and the Islamic World). A selection of courses, both lecture and seminar, will be taken in these areas. At least one course outside the department will be in the major area. Generally, the master's thesis will relate to the cultural connections between the major and minor areas. There is also a 36-credit non-thesis option. An additional museum and curatorial studies graduate certificate is also available as an option to students.

## Art History Admission Requirements

All applicants must complete the online application (including the submission of transcripts, fee, and for international students, TOEFL scores), to be found at [grad.okstate.edu](http://grad.okstate.edu) (<http://gradcollege.okstate.edu>). In addition, applicants should also submit three letters of recommendation, a statement of purpose and a writing sample (5-10 pages; an excerpt from a longer work is acceptable). Prerequisites include five undergraduate courses in art history; foreign language experience is also recommended. While many applicants will have majored in art history, the MA program welcomes applications from graduates with bachelor's degrees in other fields. MA students may take prerequisites during the program; however, they will not count toward the 30 hours required for graduation.

## The Master of Fine Arts in Graphic Design

This program specializes in a unique combination of Interaction Design, Motion Design and Visual Communication. Interaction Design and Motion Design in particular are among the most rapidly expanding areas in the field of graphic design. This is a three-year, sixty credit hour, terminal degree that will develop students' expertise as graphic designers in Interaction Design and Motion Design, while developing their research, presentation and writing skills. MFA graduates will be able to respond to both the creative demands of the graphic design profession and the research and teaching requirements of academia.

## Graphic Design Admission Requirements

All applicants must complete the online application (including the submission of transcripts, fee, and for international students, TOEFL scores), to be found at [grad.okstate.edu](https://grad.okstate.edu) (<https://gradcollege.okstate.edu>). In addition, applicants should also submit three letters of recommendation, a statement of purpose and a portfolio of 15 to 20 examples of work.

## Minors

- Art History (ARTH), Minor (p. 1018)
- Pre-Art Therapy (PART), Minor (p. 1035)
- Studio Art (STDA), Minor (p. 1036)

## Faculty

Chris Ramsay, MFA—Interim Department Head

**Professors:** Rebecca Brienen, PhD; Chris Ramsay, MFA; Brandon Reese, MFA; Elizabeth Roth, MFA; Mark D. Sisson, MFA; Jack Titus, MFA

**Associate Professors:** Jennifer Borland, PhD; Cristina Cruz Gonzalez, PhD; Justen Renyer, MFA; Louise Siddons, PhD; Shaoqian Zhang, PhD

**Assistant Professors:** Irene Backus, PhD; James Ewald, MFA; Pouya Jahanshahi, MFA; Andy Mattern, MFA; Nick Mendoza, MFA; Ting Wang-Hedges, MFA

## Art History (ARTH), Minor

**Requirements for Students Matriculating in or before Academic Year 2022-2023.** Learn more about University Academic Regulation 3.1 (p. 943).

**Ulrike Schoenknecht**, 408 BC, 405-744-4064

**Total Hours:** 15

Code	Title	Hours
<b>Minor Requirements</b>		
Choose 5 courses of Art History, of which at least 12 hours must be upper-division.		15
ART 1503	Art History Survey I (H)	
ART 1513	Art History Survey II (H)	
ART 1603	Introduction to Global Art (H)	
ART 3543	Leonardo, Art, And Science (H)	
ART 3553	Fashioning and Self Fashioning: The Renaissance Portrait (H)	
ART 3563	History of Prints and Printmaking	
ART 3583	Introduction to Museum and Curatorial Studies (H)	
ART 3600	Writing Methods In Art History	
ART 3603	History of Classical Art (H)	
ART 3623	History of Italian Renaissance Art (H)	
ART 3633	History of Baroque Art (H)	
ART 3643	History of Graphic Design	
ART 3653	History of 19th Century Art (H)	
ART 3663	History of American Art (DH)	
ART 3673	History of Northern Renaissance Art	
ART 3683	History of 20th Century Art (HI)	
ART 3693	Survey of Asian Art (H)	
ART 3713	Early Medieval Art: Saints, Martyrs, Pagans (H)	
ART 3723	Court and Cloister: Medieval Art 1050-1400 (H)	
ART 3733	History of Latin American Art I	
ART 3743	History of Latin American Art II (HI)	
ART 3753	The Arts of Spain and the Spanish World (H)	
ART 4583	Rome: The Eternal City in Art and Film (H)	
ART 4593	Art of Conversion: 16th Century Art in Mexico (H)	
ART 4603	History of Ancient Egyptian Art	
ART 4613	Art Since 1960	
ART 4653	History of Indian Art	
ART 4663	History of Chinese Art (H)	
ART 4673	History of Japanese Art	
ART 4683	Modern and Contemporary Art in Asia	
ART 4693	Gender And Visual Culture	
ART 4703	Art East and West: Biases and Borrowings	
ART 4713	The Visual Culture of the Islamic World (HI)	
ART 4723	History of Museums and Collecting	
ART 4733	Museum Education	

ART 4763	Native American Art and Material Culture
ART 4793	Architecture and Space in East Asia
ART 4800	Special Studies in Art
ART 4810	Museum Internship
ART 4813	Museum Exhibition
ART 4830	Apprenticeship
ART 4910	Directed Study in Art History
ART 4920	Art History Symposium
ART 4933	Art in Context
ART 4973	20th Century Chinese Art
ART 4993	Senior Honors Project

**Total Hours** **15**

### Other Requirements

- GPA of 2.5 with no grade below "C."

### Additional OSU Requirements

#### Undergraduate Minors

- An undergraduate minor must include between fifteen and thirty hours, inclusive of undergraduate coursework.
- A minimum of six credit hours for the minor must be earned in residence at OSU.
- The courses required for a minor may be included in the course requirements for any undergraduate degree or they may be in addition to degree requirements, depending on the overlap between the minor and degree requirements. However, an undergraduate minor must be earned in an academic field other than the student's declared degree option. The minor may not duplicate the degree major or option (for example, a student who earns a BA in Art with an Art History option may earn a minor in Studio Art but not Art History).
- A student generally follows the minor requirements associated with his or her matriculation year or newer requirements that have been established since matriculation. The time limit for following requirements from a given academic year is six years.

For additional information on requirements on minors, click here (<https://adminfinance.okstate.edu/site-files/documents/policies/requirements-for-undergraduate-and-graduate-minors.pdf>).

## Art: Art History, BA

### Degree Requirements

**Requirements for Students Matriculating in or before Academic Year 2022-2023.** Learn more about University Academic Regulation 3.1 (p. 943).

**Minimum Overall Grade Point Average:** 2.00

**Total Hours:** 120

Code	Title	Hours
<b>General Education Requirements</b>		
<i>English Composition</i>		
See Academic Regulation 3.5 (p. 944)		
ENGL 1113	Composition I	3
or ENGL 1313	Critical Analysis and Writing I	
Select one of the following:		3
ENGL 1213	Composition II	
ENGL 1413	Critical Analysis and Writing II	
ENGL 3323	Technical Writing	
<i>American History &amp; Government</i>		
HIST 1103	Survey of American History	3
or HIST 1483	American History to 1865 (H)	
or HIST 1493	American History Since 1865 (DH)	
POLS 1113	American Government	3
<i>Analytical &amp; Quantitative Thought (A)</i>		
MATH or STAT course designated (A)		3
<i>Humanities (H)</i>		
Courses designated (H)		6
<i>Natural Sciences (N)</i>		
Must include one Laboratory Science (L) course		
Courses designated (N)		6
<i>Social &amp; Behavioral Sciences (S)</i>		
Course designated (S)		3
<i>Additional General Education</i>		
Courses designated (A), (H), (N), or (S)		10
<b>Hours Subtotal</b>		<b>40</b>
<b>Diversity (D) &amp; International Dimension (I)</b>		
May be completed in any part of the degree plan		
Select at least one Diversity (D) course		
Select at least one International Dimension (I) course		
<b>College/Departmental Requirements</b>		
<i>First Year Seminar</i>		
(Transfer students with 15 hours exempt)		1
<i>Arts &amp; Humanities</i>		
See note 2.a.		9
<i>Natural &amp; Mathematical Sciences</i>		
See note 2.b.		3
<i>Foreign Language</i>		
See note 3		9
<i>Non-Western Studies</i>		
Select at least one course		
See note 2.d.		

#### Upper-Division General Education

Select 6 hours outside major department

See note 2.c.

**Hours Subtotal** **22**

#### Major Requirements

Minimum 3.00 GPA in all Art History courses <sup>1</sup>

Minimum grade of "C" in all ART courses

#### Art History Core

ART 1503	Art History Survey I (H)	3
ART 1513	Art History Survey II (H)	3
ART 3600	Writing Methods In Art History (1 hour taken concurrently with upper-division Art History course)	1
ART 4933	Art in Context	3
ART 4920	Art History Symposium (2 hours)	2

#### Art History Electives

Select 24 hours (18 hours must be upper-division) from: **24**

ART 3543	Leonardo, Art, And Science (H)	
ART 3553	Fashioning and Self Fashioning: The Renaissance Portrait (H)	
ART 3563	History of Prints and Printmaking	
ART 3583	Introduction to Museum and Curatorial Studies (H)	
ART 3600	Writing Methods In Art History	
ART 3603	History of Classical Art (H)	
ART 3623	History of Italian Renaissance Art (H)	
ART 3633	History of Baroque Art (H)	
ART 3643	History of Graphic Design	
ART 3653	History of 19th Century Art (H)	
ART 3663	History of American Art (DH)	
ART 3673	History of Northern Renaissance Art	
ART 3683	History of 20th Century Art (HI)	
ART 3693	Survey of Asian Art (H)	
ART 3713	Early Medieval Art: Saints, Martyrs, Pagans (H)	
ART 3723	Court and Cloister: Medieval Art 1050-1400 (H)	
ART 3733	History of Latin American Art I	
ART 3743	History of Latin American Art II (HI)	
ART 3753	The Arts of Spain and the Spanish World (H)	
ART 4583	Rome: The Eternal City in Art and Film (H)	
ART 4593	Art of Conversion: 16th Century Art in Mexico (H)	
ART 4603	History of Ancient Egyptian Art	
ART 4613	Art Since 1960	
ART 4653	History of Indian Art	
ART 4663	History of Chinese Art (H)	
ART 4673	History of Japanese Art	
ART 4683	Modern and Contemporary Art in Asia	
ART 4693	Gender And Visual Culture	
ART 4703	Art East and West: Biases and Borrowings	
ART 4713	The Visual Culture of the Islamic World (HI)	

ART 4723	History of Museums and Collecting
ART 4733	Museum Education
ART 4763	Native American Art and Material Culture
ART 4793	Architecture and Space in East Asia
ART 4800	Special Studies in Art
ART 4810	Museum Internship
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ART 4920	Art History Symposium
ART 4933	Art in Context
ART 4973	20th Century Chinese Art
ART 4993	Senior Honors Project

*Upper-Division Related Courses*

Select 6 hours of ARCH, AMST, ANTH, HIST, PHIL, or other courses with approval of departmental advisor 6

**Hours Subtotal** 42

**Electives**

Select 16 hours. May need to include 6 hours upper-division general education outside major department (see note 2.c.) and 10 additional upper-division hours 16

**Hours Subtotal** 16

**Total Hours** 120

1

Courses include those listed below:

Code	Title	Hours
<b>Art History course list</b>		
HIST 3593	Introduction to Museum and Cultural Studies (H)	3
ART 1513	Art History Survey II (H)	3
ART 1603	Introduction to Global Art (H)	3
ART 3543	Leonardo, Art, And Science (H)	3
ART 3553	Fashioning and Self Fashioning: The Renaissance Portrait (H)	3
ART 3563	History of Prints and Printmaking	3
ART 3573	History of Photography	3
ART 3583	Introduction to Museum and Curatorial Studies (H)	3
ART 3600	Writing Methods In Art History	1
ART 3603	History of Classical Art (H)	3
ART 3623	History of Italian Renaissance Art (H)	3
ART 3633	History of Baroque Art (H)	3
ART 3643	History of Graphic Design	3
ART 3653	History of 19th Century Art (H)	3
ART 3663	History of American Art (DH)	3
ART 3673	History of Northern Renaissance Art	3
ART 3683	History of 20th Century Art (HI)	3
ART 3693	Survey of Asian Art (H)	3
ART 3713	Early Medieval Art: Saints, Martyrs, Pagans (H)	3
ART 3723	Court and Cloister: Medieval Art 1050-1400 (H)	3

ART 3733	History of Latin American Art I	3
ART 3743	History of Latin American Art II (HI)	3
ART 3753	The Arts of Spain and the Spanish World (H)	3
ART 3763	Art Travel Course	3
ART 3773	History of African American Art	3
ART 3800	Special Topics in Art History	3
ART 3890	Art History Honors Course	3
ART 4583	Rome: The Eternal City in Art and Film (H)	3
ART 4593	Art of Conversion: 16th Century Art in Mexico (H)	3
ART 4603	History of Ancient Egyptian Art	3
ART 4613	Art Since 1960	3
ART 4653	History of Indian Art	3
ART 4663	History of Chinese Art (H)	3
ART 4673	History of Japanese Art	3
ART 4683	Modern and Contemporary Art in Asia	3
ART 4693	Gender And Visual Culture	3
ART 4703	Art East and West: Biases and Borrowings	3
ART 4713	The Visual Culture of the Islamic World (HI)	3
ART 4723	History of Museums and Collecting	3
ART 4733	Museum Education	3
ART 4763	Native American Art and Material Culture	3
ART 4783	Rembrandt Van Rijn	3
ART 4800	Special Studies in Art	1-3
ART 4810	Museum Internship	1-3
ART 4813	Museum Exhibition	3
ART 4830	Apprenticeship	1-6
ART 4910	Directed Study in Art History	1-3
ART 4920	Art History Symposium	1
ART 4933	Art in Context	3
ART 4973	20th Century Chinese Art	3
ART 4993	Senior Honors Project	3

## Other Requirements

- See the College of Arts and Sciences Requirements.
- **Upper-Division Credit:** Total hours must include at least 40 hours in courses numbered 3000 or above.
- **Hours in One Department:** For B.A. and B.S. degrees, no more than 54 hours in one department may be applied to degree requirements.

## College of Arts and Sciences Requirements

### 1. General Education Requirements

No more than two courses (or eight hours) from the major department (<http://catalog.okstate.edu/college-arts-sciences-major-departments/>) may be used to meet General Education and College and Departmental Requirements. The General Education required English Composition, required U.S. History, required American Government, one required MATH or STAT course, and required foreign language for B.A. degrees do not count against the two-course maximum.

### 2. A&S College/Departmental Requirements

- a. Arts and Humanities are defined as any course carrying an (H) designation or courses from AMST, ART, DANC, ENGL (except ENGL 3323 Technical Writing) HIST, MUSI, PHIL (except PHIL 1313 Logic and Critical Thinking (A), PHIL 3003 Symbolic Logic (A) and PHIL 4003 Mathematical Logic and Computability), REL, TH, and foreign languages.
- b. Natural and Mathematical Sciences are defined as any course from the following prefixes: ASTR, BIOC, BIOL, CHEM, CS (except CS 4883 Social Issues in Computing), GEOL, MATH, MICR, PBIO, PHYS, and STAT; or courses from other departments that carry an (A) or (N) general education designation.
- c. The required six hours of upper-division General Education may not include courses from the student's major department. This requirement may be satisfied by courses also used to satisfy any part of a student's degree program (i.e., in General Education, College Departmental Requirements, Major Requirements or Electives).
- d. Non-Western Studies Requirement for B.A. and B.F.A.; One 3-hour course in Non-Western Studies (N.W.). This requirement may be satisfied by courses also used to satisfy any part of a student's degree program (i.e., in General Education, College Departmental Requirements, Major Requirements or Electives).
- e. The College of Arts & Sciences requires a minimum 2.0 GPA in all major requirements and a minimum 2.0 GPA in all major-prefix courses applied to the degree.

### 3. Foreign Language Proficiency

- a. The foreign language requirement for the B.A. may be satisfied by 9 hours college credit in the same language, which must include 3 hours at the 2000-level, or equivalent proficiency (e.g., passing an advanced standing examination; TOEFL exam; presenting a high school transcript which demonstrates the high school was primarily conducted in a language other than English; etc.). Computer Science courses may not be used to satisfy this requirement. Currently Arabic and Mvskoke are not offered at the 2000-level at OSU.
- b. The foreign language requirement for the B.S., B.M. and B.F.A. may be satisfied by presenting a high school transcript which demonstrates two years of study of a single foreign language (passing grades at second-year level of study). It may also be satisfied by 6 hours college credit in the same language, which must include language courses 1713 and 1813, or equivalent proficiency (e.g., passing an advanced standing examination; TOEFL exam; presenting a high school transcript which demonstrates the high school was primarily conducted in a language other than English; etc.). Computer Science courses may not be used to satisfy this requirement.
- c. In addition to a. and b., students pursuing teacher certification must meet novice-high foreign language proficiency by presenting a high school transcript which demonstrates two years of study of a single foreign language with no grade below B. Or, students may complete 3 hours college credit in a single language with no grade below C (or pass an advanced standing examination, College Level Examination Program (CLEP) exam, or Oral Proficiency Interview developed by the American Council on the Teaching of Foreign Languages, equivalent to 3 hours of college credit.) Or, students may meet the requirement by transfer of documentation of meeting the foreign language competency from one of the teacher education programs in the State of Oklahoma approved by the Oklahoma State Regents for Higher Education.

### 4. Exclusions

- a. Courses used to satisfy the General Education English Composition, U.S. History, American Government, and Mathematics or Statistics requirements will not count toward the 54-hour maximum allowed from one department.
- b. Courses with ATHL or LEIS prefixes and leisure activity courses may not be used for degree credit.

## Additional State/OSU Requirements

- At least: 60 hours at a four-year institution; 30 hours completed at OSU; 15 of the final 30 or 50% of the upper-division hours in the major field completed at OSU.
- Limit of: one-half of major course requirements as transfer work; one-fourth of hours earned by correspondence; 8 transfer correspondence hours.
- Students will be held responsible for degree requirements in effect at the time of matriculation and any changes that are made, so long as these changes do not result in semester credit hours being added or do not delay graduation.
- Degrees that follow this plan must be completed by the end of Summer 2028.

## Example Plan of Study

### Finish in Four Plan of Study

The plan below is an **example** of how students can successfully complete degree requirements in four years. This suggested class schedule plan may be used as a guide and can be adjusted based on individual needs. Students are required to meet with an academic advisor prior to enrollment each semester to plan their class schedule, and students are ultimately responsible for completing all degree requirements.

Course	Title	Hours
<b>Freshman</b>		
<b>Fall</b>		
ENGL 1113	Composition I	3
ART 1503	Art History Survey I (H)	3
General Educations courses		9
<b>Hours</b>		<b>15</b>
<b>Spring</b>		
ENGL 1213	Composition II	3
ART 1513	Art History Survey II (H)	3
General Education Courses		9
<b>Hours</b>		<b>15</b>
<b>Sophomore</b>		
<b>Fall</b>		
1713	First Semester Foreign Language	3
3 hours Upper-Division Art History		3
Major, College, and Elective courses		9
<b>Hours</b>		<b>15</b>
<b>Spring</b>		
ART 3600	Writing Methods In Art History	1
1813	Second Semester Foreign Language	3
3 hours Upper-Division Art History		3
Major, College, and Elective courses		8
<b>Hours</b>		<b>15</b>
<b>Junior</b>		
<b>Fall</b>		
2000-level	Foreign Language	3
6 hours Upper-Division Art History		6



Major, College, and Elective courses	6
<b>Hours</b>	<b>15</b>
<b>Spring</b>	
ART 4933 Art in Context	3
3 hours Upper-Division Art History	3
Major, College, and Elective courses	9
<b>Hours</b>	<b>15</b>
<b>Senior</b>	
<b>Fall</b>	
6 hours Upper-Division Art History	6
Major, College, and Elective courses	9
<b>Hours</b>	<b>15</b>
<b>Spring</b>	
ART 4920 Art History Symposium	2
3 hours Upper-Division Art History	3
Major, College, and Elective courses	10
<b>Hours</b>	<b>15</b>
<b>Total Hours</b>	<b>120</b>

# Art: Graphic Design, BFA

## Degree Requirements

**Requirements for Students Matriculating in or before Academic Year 2022-2023.** Learn more about University Academic Regulation 3.1 (p. 943).

**Minimum Overall Grade Point Average:** 2.00

**Total Hours:** 120

Code	Title	Hours
<b>General Education Requirements</b>		
<i>English Composition</i>		
See Academic Regulation 3.5 (p. 944)		
ENGL 1113	Composition I	3
or ENGL 1313	Critical Analysis and Writing I	
Select one of the following:		3
ENGL 1213	Composition II	
ENGL 1413	Critical Analysis and Writing II	
ENGL 3323	Technical Writing	
<i>American History &amp; Government</i>		
HIST 1103	Survey of American History	3
or HIST 1483	American History to 1865 (H)	
or HIST 1493	American History Since 1865 (DH)	
POLS 1113	American Government	3
<i>Analytical &amp; Quantitative Thought (A)</i>		
MATH or STAT course designated (A)		3
<i>Humanities (H)</i>		
Courses designated (H)		6
<i>Natural Sciences (N)</i>		
Must include one Laboratory Science (L) course		
Courses designated (N)		6
<i>Social &amp; Behavioral Sciences (S)</i>		
Course designated (S)		3
<i>Additional General Education</i>		
Courses designated (A), (H), (N), or (S)		10
<b>Hours Subtotal</b>		<b>40</b>
<b>Diversity (D) &amp; International Dimension (I)</b>		
May be completed in any part of the degree plan		
Select at least one Diversity (D) course		
Select at least one International Dimension (I) course		
<b>College/Departmental Requirements</b>		
<i>First Year Seminar</i>		
(Transfer students with 15 hours exempt)		1
<i>Arts &amp; Humanities</i>		
ART 3683	History of 20th Century Art (HI)	3
Select 3 hours upper-division Art History from:		3
ART 3543	Leonardo, Art, And Science (H)	
ART 3553	Fashioning and Self Fashioning: The Renaissance Portrait (H)	
ART 3563	History of Prints and Printmaking	
ART 3573	History of Photography	

ART 3583	Introduction to Museum and Curatorial Studies (H)	
ART 3600	Writing Methods In Art History	
ART 3603	History of Classical Art (H)	
ART 3623	History of Italian Renaissance Art (H)	
ART 3633	History of Baroque Art (H)	
ART 3643	History of Graphic Design	
ART 3653	History of 19th Century Art (H)	
ART 3663	History of American Art (DH)	
ART 3673	History of Northern Renaissance Art	
ART 3683	History of 20th Century Art (HI)	
ART 3693	Survey of Asian Art (H)	
ART 3713	Early Medieval Art: Saints, Martyrs, Pagans (H)	
ART 3723	Court and Cloister: Medieval Art 1050-1400 (H)	
ART 3733	History of Latin American Art I	
ART 3743	History of Latin American Art II (HI)	
ART 3753	The Arts of Spain and the Spanish World (H)	
ART 4583	Rome: The Eternal City in Art and Film (H)	
ART 4593	Art of Conversion: 16th Century Art in Mexico (H)	
ART 4603	History of Ancient Egyptian Art	
ART 4613	Art Since 1960	
ART 4653	History of Indian Art	
ART 4663	History of Chinese Art (H)	
ART 4673	History of Japanese Art	
ART 4683	Modern and Contemporary Art in Asia	
ART 4693	Gender And Visual Culture	
ART 4703	Art East and West: Biases and Borrowings	
ART 4713	The Visual Culture of the Islamic World (HI)	
ART 4723	History of Museums and Collecting	
ART 4733	Museum Education	
ART 4763	Native American Art and Material Culture	
ART 4793	Architecture and Space in East Asia	
ART 4800	Special Studies in Art	
ART 4810	Museum Internship	
ART 4813	Museum Exhibition	
ART 4830	Apprenticeship	
ART 4910	Directed Study in Art History	
ART 4920	Art History Symposium	
ART 4933	Art in Context	
ART 4973	20th Century Chinese Art	
ART 4993	Senior Honors Project	
Select 3 additional hours		3
See note 2.a.		
<i>Foreign Language</i>		
See note 3		0
0-6 hours		
<i>Non-Western Studies</i>		
Select at least one course		
See note 2.d.		

*Upper-Division General Education*

Select 6 hours outside major department

See note 2.c.

**Hours Subtotal 10****Major Requirements**

Minimum GPA in all ART courses 2.75 with a minimum grade of "C" in all ART courses

*Core Curriculum*

ART 1103 Drawing I 3

ART 1203 Visual Thinking: Image and Surface 3

ART 1303 Visual Thinking: Form and Space 3

ART 1503 Art History Survey I (H) 3

ART 1513 Art History Survey II (H) 3

*Lower-division Professional Sequence*

2.75 GPA required to take courses:

ART 2413 Typography I 3

ART 2423 Graphic Design I 3

Select 3 hours Studio Art from: 3

ART 1113 Drawing II

ART 2113 Life Drawing

ART 2223 Oil Painting I

ART 2233 Watercolor I

ART 2243 Jewelry and Metals I

ART 2253 Ceramics I

ART 2263 Sculpture I

ART 2273 Printmaking I

ART 2283 Studio Art Digital Survey

ART 2293 Photography I

ART 2093 Non-Major Photography I

Select 12 hours upper-division Studio Art or career-related areas from: 12

ART 3110 Life Drawing Studio

ART 3213 Public and Installation Art

ART 3223 Oil Painting II

ART 3233 Watercolor II

ART 3243 Jewelry And Metals II

ART 3253 Ceramics II

ART 3263 Sculpture II

ART 3273 Printmaking II

ART 3293 New Genres in Studio Art

ART 3383 Digital Imaging

ART 3393 Photography II

ART 3403 Illustration II

ART 3413 Typography II

ART 3423 Graphic Design II

ART 3453 Motion Design I

ART 3463 Interaction Design I

ART 4053 Alternative Photography

ART 4100 Advanced Drawing

ART 4211 BFA Studio Capstone Exhibition

ART 4213 BFA Studio Capstone

ART 4220 Oil Painting Studio

ART 4223 BA Studio Capstone

ART 4230 Watercolor Studio

ART 4240 Jewelry and Metals Studio

ART 4250 Ceramics Studio

ART 4260 Sculpture Studio

ART 4270 Printmaking Studio

ART 4280 Photography Studio

ART 4420 Graphic Design Studio

ART 4430 Illustration Studio

ART 4450 Motion Design Studio

ART 4460 Interaction Design Studio

ART 4493 Portfolio Capstone

ART 4800 Special Studies in Art

ART 4820 Graphic Design Internship

ART 4830 Apprenticeship

ART 4900 Directed Study In Art

MC 2003 Mass Media Style and Structure

MC 2023 Electronic Communication

MC 3173 History of Mass Communication (H)

MC 4143 Ethics and Issues in Mass Communications

MC 4153 International Mass Communication

MC 4163 Mass Communication Law

MC 4733 Responsibility in Mass Communication

MMJ 3153 Fundamentals of Video and Studio Production

MMJ 3263 Multimedia Reporting

MMJ 3293 Information Graphics

MMJ 3623 Internet Communication

MMJ 3823 Photography I

MMJ 3913 Field Production

MMJ 4393 Data Journalism

MMJ 4423 Graphic Design in Multimedia

MMJ 4540 Specialized Multimedia Journalism Applications

SC 2183 Introduction to Strategic Communications

SC 3753 Graphic Design for Strategic Communication

SC 4013 Advertising Media and Markets

SC 4653 Electronic Media Advertising

MKTG 3213 Marketing (S)

MKTG 3313 Personal Marketing and Professional Development

MKTG 3323 Consumer and Market Behavior

MKTG 3433 Promotional Strategy

MKTG 3473 Professional Selling

MKTG 3613 Retailing Management

MKTG 3993 International Business (I)

MKTG 4333 Marketing Research

MKTG 4343 Brand Marketing

MKTG 4443 Social Issues in the Marketing Environment

MKTG 4513 Sales Management

MKTG 4550 Problems In Marketing

MKTG 4553	International Marketing	
MKTG 4623	Marketing Design Essentials	
MKTG 4993	Digital Marketing	
MSIS 2103	Business Data Science Technologies	
<i>Upper-division Professional Sequence</i>		
Proficiency review required to take courses:		
ART 3413	Typography II	3
ART 3423	Graphic Design II	3
ART 3453	Motion Design I	3
ART 3463	Interaction Design I	3
ART 3643	History of Graphic Design	3
ART 4493	Portfolio Capstone	3
Select 9 hours of the following:		9
ART 4420	Graphic Design Studio (3-6 hours)	
ART 4450	Motion Design Studio (3-6 hours)	
ART 4460	Interaction Design Studio (3-6 hours)	
<b>Hours Subtotal</b>		<b>63</b>
<b>Electives</b>		
Select 7 hours		7
May need to include 6 hours of a foreign language (see note 3)		
May need to include 6 hours upper-division general education outside major department (see note 2.c.)		
<b>Hours Subtotal</b>		
<b>Total Hours</b>		<b>120</b>

## Other Requirements

- See the College of Arts and Sciences Requirements.
- **Upper-Division Credit:** Total hours must include at least 40 hours in courses numbered 3000 or above.
- **Hours in One Department:** For B.A. and B.S. degrees, no more than 54 hours in one department may be applied to degree requirements.

## College of Arts and Sciences Requirements

### 1. General Education Requirements

No more than two courses (or eight hours) from the major department (<http://catalog.okstate.edu/college-arts-sciences-major-departments/>) may be used to meet General Education and College and Departmental Requirements. The General Education required English Composition, required U.S. History, required American Government, one required MATH or STAT course, and required foreign language for B.A. degrees do not count against the two-course maximum.

### 2. A&S College/Departmental Requirements

- Arts and Humanities are defined as any course carrying an (H) designation or courses from AMST, ART, DANC, ENGL (except ENGL 3323 Technical Writing) HIST, MUSI, PHIL (except PHIL 1313 Logic and Critical Thinking (A), PHIL 3003 Symbolic Logic (A) and PHIL 4003 Mathematical Logic and Computability), REL, TH, and foreign languages.
- Natural and Mathematical Sciences are defined as any course from the following prefixes: ASTR, BIOC, BIOL, CHEM, CS (except CS 4883 Social Issues in Computing), GEOL, MATH, MICR, PBIO, PHYS, and STAT; or courses from other departments that carry an (A) or (N) general education designation.

- The required six hours of upper-division General Education may not include courses from the student's major department. This requirement may be satisfied by courses also used to satisfy any part of a student's degree program (i.e., in General Education, College Departmental Requirements, Major Requirements or Electives).
- Non-Western Studies Requirement for B.A. and B.F.A.; One 3-hour course in Non-Western Studies (N.W.). This requirement may be satisfied by courses also used to satisfy any part of a student's degree program (i.e., in General Education, College Departmental Requirements, Major Requirements or Electives).
- The College of Arts & Sciences requires a minimum 2.0 GPA in all major requirements and a minimum 2.0 GPA in all major-prefix courses applied to the degree.

### 3. Foreign Language Proficiency

- The foreign language requirement for the B.A. may be satisfied by 9 hours college credit in the same language, which must include 3 hours at the 2000-level, or equivalent proficiency (e.g., passing an advanced standing examination; TOEFL exam; presenting a high school transcript which demonstrates the high school was primarily conducted in a language other than English; etc.). Computer Science courses may not be used to satisfy this requirement. Currently Arabic and Mvskoke are not offered at the 2000-level at OSU.
- The foreign language requirement for the B.S., B.M. and B.F.A. may be satisfied by presenting a high school transcript which demonstrates two years of study of a single foreign language (passing grades at second-year level of study). It may also be satisfied by 6 hours college credit in the same language, which must include language courses 1713 and 1813, or equivalent proficiency (e.g., passing an advanced standing examination; TOEFL exam; presenting a high school transcript which demonstrates the high school was primarily conducted in a language other than English; etc.). Computer Science courses may not be used to satisfy this requirement.
- In addition to a. and b., students pursuing teacher certification must meet novice-high foreign language proficiency by presenting a high school transcript which demonstrates two years of study of a single foreign language with no grade below B. Or, students may complete 3 hours college credit in a single language with no grade below C (or pass an advanced standing examination, College Level Examination Program (CLEP) exam, or Oral Proficiency Interview developed by the American Council on the Teaching of Foreign Languages, equivalent to 3 hours of college credit.) Or, students may meet the requirement by transfer of documentation of meeting the foreign language competency from one of the teacher education programs in the State of Oklahoma approved by the Oklahoma State Regents for Higher Education.

### 4. Exclusions

- Courses used to satisfy the General Education English Composition, U.S. History, American Government, and Mathematics or Statistics requirements will not count toward the 54-hour maximum allowed from one department.
- Courses with ATHL or LEIS prefixes and leisure activity courses may not be used for degree credit.

## Additional State/OSU Requirements

- At least: 60 hours at a four-year institution; 30 hours completed at OSU; 15 of the final 30 or 50% of the upper-division hours in the major field completed at OSU.
- Limit of: one-half of major course requirements as transfer work; one-fourth of hours earned by correspondence; 8 transfer correspondence hours.
- Students will be held responsible for degree requirements in effect at the time of matriculation and any changes that are made, so long as these changes do not result in semester credit hours being added or do not delay graduation.
- Degrees that follow this plan must be completed by the end of Summer 2028.

## Example Plan of Study Finish in Four Plan of Study

The plan below is an example of how students can successfully complete degree requirements in four years. This suggested class schedule plan may be used as a guide and can be adjusted based on individual needs. Students are required to meet with an academic advisor prior to enrollment each semester to plan their class schedule, and students are ultimately responsible for completing all degree requirements.

Course	Title	Hours
<b>Freshman</b>		
<b>Fall</b>		
ART 1103	Drawing I	3
ART 1203	Visual Thinking: Image and Surface	3
ART 1503	Art History Survey I (H)	3
General Education courses		5
<b>Hours</b>		<b>14</b>
<b>Spring</b>		
ART 1513	Art History Survey II (H)	3
ART 1303	Visual Thinking: Form and Space	3
General Education courses		10
<b>Hours</b>		<b>16</b>
<b>Sophomore</b>		
<b>Fall</b>		
ART 2413 or ART 2423	Typography I or Graphic Design I	3
ART 3643	History of Graphic Design	3
General Education courses		9
<b>Hours</b>		<b>15</b>
<b>Spring</b>		
ART 2423 or ART 2413	Graphic Design I or Typography I	3
Major, College, and Elective courses		12
<b>Hours</b>		<b>15</b>
<b>Junior</b>		
<b>Fall</b>		
ART 3413	Typography II (F)	3
ART 3453 or ART 3463	Motion Design I or Interaction Design I	3
Major, College, and Elective courses		9
<b>Hours</b>		<b>15</b>
<b>Spring</b>		
ART 3423	Graphic Design II (Sp)	3
ART 3463 or ART 3453	Interaction Design I or Motion Design I	3

College and Elective courses		9
<b>Hours</b>		<b>15</b>
<b>Senior</b>		
<b>Fall</b>		
ART 3683	History of 20th Century Art (HI)	3
ART 4420	Graphic Design Studio	3
ART 4450 or ART 4460	Motion Design Studio or Interaction Design Studio	3
College and Elective courses		6
<b>Hours</b>		<b>15</b>
<b>Spring</b>		
ART 4493	Portfolio Capstone	3
ART 4460 or ART 4420 or ART 4450	Interaction Design Studio or Graphic Design Studio or Motion Design Studio	3
College and Elective courses		9
<b>Hours</b>		<b>15</b>
<b>Total Hours</b>		<b>120</b>

1

Speak with academic advisor about saving General Education electives and Humanities (H) for Upper-division courses with International (I) and Diversity (D) dimensions.



## Art: Studio Art, BA

### Degree Requirements

**Requirements for Students Matriculating in or before Academic Year 2022-2023.** Learn more about University Academic Regulation 3.1 (p. 943).

**Minimum Overall Grade Point Average: 2.00**

**Total Hours: 120**

Code	Title	Hours
<b>General Education Requirements</b>		
<i>English Composition</i>		
See Academic Regulation 3.5 (p. 944)		
ENGL 1113	Composition I	3
or ENGL 1313	Critical Analysis and Writing I	
Select one of the following:		3
ENGL 1213	Composition II	
ENGL 1413	Critical Analysis and Writing II	
ENGL 3323	Technical Writing	
<i>American History &amp; Government</i>		
HIST 1103	Survey of American History	3
or HIST 1483	American History to 1865 (H)	
or HIST 1493	American History Since 1865 (DH)	
POLS 1113	American Government	3
<i>Analytical &amp; Quantitative Thought (A)</i>		
MATH or STAT course designated (A)		3
<i>Humanities (H)</i>		
Courses designated (H)		6
<i>Natural Sciences (N)</i>		
Must include one Laboratory Science (L) course		
Courses designated (N)		6
<i>Social &amp; Behavioral Sciences (S)</i>		
Course designated (S)		3
<i>Additional General Education</i>		
Courses designated (A), (H), (N), or (S)		10
<b>Hours Subtotal</b>		<b>40</b>
<b>Diversity (D) &amp; International Dimension (I)</b>		
May be completed in any part of the degree plan		
Select at least one Diversity (D) course		
Select at least one International Dimension (I) course		
<b>College/Departmental Requirements</b>		
<i>First Year Seminar</i>		
(Transfer students with 15 hours exempt)		1
<i>Arts &amp; Humanities</i>		
See note 2.a.		9
<i>Natural &amp; Mathematical Sciences</i>		
See note 2.b.		3
<i>Foreign Language</i>		
See note 3		9
<i>Non-Western Studies</i>		
Select at least one course		
See note 2.d.		

#### Upper-Division General Education

Select 6 hours outside major department

See note 2.c.

**Hours Subtotal** **22**

#### Major Requirements

Minimum GPA in all ART courses 2.50 with a minimum grade of "C" in all ART courses

#### Core

ART 1103	Drawing I	3
ART 1113	Drawing II	3
ART 1203	Visual Thinking: Image and Surface	3
ART 1303	Visual Thinking: Form and Space	3
ART 1503	Art History Survey I (H)	3
ART 1513	Art History Survey II (H)	3
ART 2003	Studio Methods and Preparation	3

#### 2-D and 3-D Studios

Select 9 hours of the following: **9**

Select 3-6 hours of the following:

ART 2113 Life Drawing

ART 2223 Oil Painting I

ART 2233 Watercolor I

ART 2273 Printmaking I

ART 2283 Studio Art Digital Survey

ART 2293 Photography I

Select 3-6 hours of the following:

ART 2243 Jewelry and Metals I

ART 2253 Ceramics I

ART 2263 Sculpture I

#### Upper-division Art History

Select 6 hours from: **6**

ART 3543 Leonardo, Art, And Science (H)

ART 3553 Fashioning and Self Fashioning: The Renaissance Portrait (H)

ART 3563 History of Prints and Printmaking

ART 3573 History of Photography

ART 3583 Introduction to Museum and Curatorial Studies (H)

ART 3600 Writing Methods In Art History

ART 3603 History of Classical Art (H)

ART 3623 History of Italian Renaissance Art (H)

ART 3633 History of Baroque Art (H)

ART 3643 History of Graphic Design

ART 3653 History of 19th Century Art (H)

ART 3663 History of American Art (DH)

ART 3673 History of Northern Renaissance Art

ART 3683 History of 20th Century Art (HI)

ART 3693 Survey of Asian Art (H)

ART 3713 Early Medieval Art: Saints, Martyrs, Pagans (H)

ART 3723 Court and Cloister: Medieval Art 1050-1400 (H)

ART 3733 History of Latin American Art I

ART 3743 History of Latin American Art II (HI)

ART 3753	The Arts of Spain and the Spanish World (H)
ART 4583	Rome: The Eternal City in Art and Film (H)
ART 4593	Art of Conversion: 16th Century Art in Mexico (H)
ART 4603	History of Ancient Egyptian Art
ART 4613	Art Since 1960
ART 4653	History of Indian Art
ART 4663	History of Chinese Art (H)
ART 4673	History of Japanese Art
ART 4683	Modern and Contemporary Art in Asia
ART 4693	Gender And Visual Culture
ART 4703	Art East and West: Biases and Borrowings
ART 4713	The Visual Culture of the Islamic World (HI)
ART 4723	History of Museums and Collecting
ART 4733	Museum Education
ART 4763	Native American Art and Material Culture
ART 4793	Architecture and Space in East Asia
ART 4800	Special Studies in Art
ART 4810	Museum Internship
ART 4813	Museum Exhibition
ART 4830	Apprenticeship
ART 4910	Directed Study in Art History
ART 4920	Art History Symposium
ART 4933	Art in Context
ART 4973	20th Century Chinese Art
ART 4993	Senior Honors Project
<i>Upper-division Studio Art</i>	
Select 10 hours from:	10
ART 3110	Life Drawing Studio
ART 3213	Public and Installation Art
ART 3223	Oil Painting II
ART 3233	Watercolor II
ART 3243	Jewelry And Metals II
ART 3253	Ceramics II
ART 3263	Sculpture II
ART 3273	Printmaking II
ART 3293	New Genres in Studio Art
ART 3383	Digital Imaging
ART 3393	Photography II
ART 3403	Illustration II
ART 3413	Typography II
ART 3423	Graphic Design II
ART 3453	Motion Design I
ART 3463	Interaction Design I
ART 4053	Alternative Photography
ART 4100	Advanced Drawing
ART 4211	BFA Studio Capstone Exhibition
ART 4213	BFA Studio Capstone
ART 4220	Oil Painting Studio
ART 4223	BA Studio Capstone
ART 4230	Watercolor Studio

ART 4240	Jewelry and Metals Studio	
ART 4250	Ceramics Studio	
ART 4260	Sculpture Studio	
ART 4270	Printmaking Studio	
ART 4280	Photography Studio	
ART 4420	Graphic Design Studio	
ART 4430	Illustration Studio	
ART 4450	Motion Design Studio	
ART 4460	Interaction Design Studio	
ART 4493	Portfolio Capstone	
ART 4820	Graphic Design Internship	
ART 4830	Apprenticeship	
ART 4900	Directed Study In Art	
<i>Capstone</i>		
ART 4223	BA Studio Capstone	3
<b>Hours Subtotal</b>		<b>49</b>
<b>Electives</b>		
Select 9 hours		9
All electives plus 13 hours general education or college/departmental requirements may need to be upper-division and must include 6 hours upper-division general education outside major department (see note 2.c.)		
<b>Hours Subtotal</b>		<b>9</b>
<b>Total Hours</b>		<b>120</b>

## Other Requirements

- See the College of Arts and Sciences Requirements.
- **Upper-Division Credit:** Total hours must include at least 40 hours in courses numbered 3000 or above.
- **Hours in One Department:** For B.A. and B.S. degrees, no more than 54 hours in one department may be applied to degree requirements.

## College of Arts and Sciences Requirements

### 1. General Education Requirements

No more than two courses (or eight hours) from the major department (<http://catalog.okstate.edu/college-arts-sciences-major-departments/>) may be used to meet General Education and College and Departmental Requirements. The General Education required English Composition, required U.S. History, required American Government, one required MATH or STAT course, and required foreign language for B.A. degrees do not count against the two-course maximum.

### 2. A&S College/Departmental Requirements

- Arts and Humanities are defined as any course carrying an (H) designation or courses from AMST, ART, DANC, ENGL (except ENGL 3323 Technical Writing) HIST, MUSI, PHIL (except PHIL 1313 Logic and Critical Thinking (A), PHIL 3003 Symbolic Logic (A) and PHIL 4003 Mathematical Logic and Computability), REL, TH, and foreign languages.
- Natural and Mathematical Sciences are defined as any course from the following prefixes: ASTR, BIOC, BIOL, CHEM, CS (except CS 4883 Social Issues in Computing), GEOL, MATH, MICR, PBIO, PHYS, and STAT; or courses from other departments that carry an (A) or (N) general education designation.

- c. The required six hours of upper-division General Education may not include courses from the student's major department. This requirement may be satisfied by courses also used to satisfy any part of a student's degree program (i.e., in General Education, College Departmental Requirements, Major Requirements or Electives).
- d. Non-Western Studies Requirement for B.A. and B.F.A.; One 3-hour course in Non-Western Studies (N.W.). This requirement may be satisfied by courses also used to satisfy any part of a student's degree program (i.e., in General Education, College Departmental Requirements, Major Requirements or Electives).
- e. The College of Arts & Sciences requires a minimum 2.0 GPA in all major requirements and a minimum 2.0 GPA in all major-prefix courses applied to the degree.

### 3. Foreign Language Proficiency

- a. The foreign language requirement for the B.A. may be satisfied by 9 hours college credit in the same language, which must include 3 hours at the 2000-level, or equivalent proficiency (e.g., passing an advanced standing examination; TOEFL exam; presenting a high school transcript which demonstrates the high school was primarily conducted in a language other than English; etc.). Computer Science courses may not be used to satisfy this requirement. Currently Arabic and Mvskoke are not offered at the 2000-level at OSU.
- b. The foreign language requirement for the B.S., B.M. and B.F.A. may be satisfied by presenting a high school transcript which demonstrates two years of study of a single foreign language (passing grades at second-year level of study). It may also be satisfied by 6 hours college credit in the same language, which must include language courses 1713 and 1813, or equivalent proficiency (e.g., passing an advanced standing examination; TOEFL exam; presenting a high school transcript which demonstrates the high school was primarily conducted in a language other than English; etc.). Computer Science courses may not be used to satisfy this requirement.
- c. In addition to a. and b., students pursuing teacher certification must meet novice-high foreign language proficiency by presenting a high school transcript which demonstrates two years of study of a single foreign language with no grade below B. Or, students may complete 3 hours college credit in a single language with no grade below C (or pass an advanced standing examination, College Level Examination Program (CLEP) exam, or Oral Proficiency Interview developed by the American Council on the Teaching of Foreign Languages, equivalent to 3 hours of college credit.) Or, students may meet the requirement by transfer of documentation of meeting the foreign language competency from one of the teacher education programs in the State of Oklahoma approved by the Oklahoma State Regents for Higher Education.

### 4. Exclusions

- a. Courses used to satisfy the General Education English Composition, U.S. History, American Government, and Mathematics or Statistics requirements will not count toward the 54-hour maximum allowed from one department.
- b. Courses with ATHL or LEIS prefixes and leisure activity courses may not be used for degree credit.

## Additional State/OSU Requirements

- At least: 60 hours at a four-year institution; 30 hours completed at OSU; 15 of the final 30 or 50% of the upper-division hours in the major field completed at OSU.
- Limit of: one-half of major course requirements as transfer work; one-fourth of hours earned by correspondence; 8 transfer correspondence hours.
- Students will be held responsible for degree requirements in effect at the time of matriculation and any changes that are made, so long as these changes do not result in semester credit hours being added or do not delay graduation.
- Degrees that follow this plan must be completed by the end of Summer 2028.

## Example Plan of Study

### Finish in Four Plan of Study

The plan below is an **example** of how students can successfully complete degree requirements in four years. This suggested class schedule plan may be used as a guide and can be adjusted based on individual needs. Students are required to meet with an academic advisor prior to enrollment each semester to plan their class schedule, and students are ultimately responsible for completing all degree requirements.

Course	Title	Hours
<b>Freshman</b>		
<b>Fall</b>		
Courses start here.		
ART 1103	Drawing I	3
ART 1203	Visual Thinking: Image and Surface	3
ART 1503	Art History Survey I (H)	3
College and General Education courses		5
<b>Hours</b>		<b>14</b>
<b>Spring</b>		
ART 1113	Drawing II	3
ART 1303	Visual Thinking: Form and Space	3
ART 1513	Art History Survey II (H)	3
General Education Courses		7
<b>Hours</b>		<b>16</b>
<b>Sophomore</b>		
<b>Fall</b>		
1713 First Semester Foreign Language		3
ART 2223	Oil Painting I	3
or ART 2233	or Watercolor I	
or ART 2273	or Printmaking I	
or ART 2283	or Studio Art Digital Survey	
or ART 2293	or Photography I	
ART 2243	Jewelry and Metals I	3
or ART 2253	or Ceramics I	
or ART 2263	or Sculpture I	
Major, College, and Elective courses		6
<b>Hours</b>		<b>15</b>
<b>Spring</b>		
1813 Second Semester Foreign Language		3
ART 2003	Studio Methods and Preparation	3
ART 2233	Watercolor I	3
or ART 2233	or Watercolor I	
or ART 2273	or Printmaking I	
or ART 2283	or Studio Art Digital Survey	
or ART 2293	or Photography I	
or ART 2243	or Jewelry and Metals I	
or ART 2253	or Ceramics I	
or ART 2263	or Sculpture I	

1030 Art: Studio Art, BA

Major, College, and Elective courses	6
<b>Hours</b>	<b>15</b>
<b>Junior</b>	
<b>Fall</b>	
2000-level Foreign Language	3
3 hours Upper-division Studio course	3
3 hours Upper-Division Art History	3
College and Elective courses	6
<b>Hours</b>	<b>15</b>
<b>Spring</b>	
3 hours Upper-Division Studio course	3
3 hours Upper-Division Art History	3
College and Elective courses	9
<b>Hours</b>	<b>15</b>
<b>Senior</b>	
<b>Fall</b>	
3 hours Upper-Division Studio course	3
College and Elective courses	12
<b>Hours</b>	<b>15</b>
<b>Spring</b>	
ART 4223 BA Studio Capstone	3
3 hours Upper-Division Studio course	3
College and Elective courses	9
<b>Hours</b>	<b>15</b>
<b>Total Hours</b>	<b>120</b>

## Art: Studio, BFA

### Degree Requirements

**Requirements for Students Matriculating in or before Academic Year 2022-2023.** Learn more about University Academic Regulation 3.1 (p. 943).

**Minimum Overall Grade Point Average:** 2.00

**Total Hours:** 120

Code	Title	Hours
<b>General Education Requirements</b>		
<i>English Composition</i>		
See Academic Regulation 3.5 (p. 944)		
ENGL 1113	Composition I	3
or ENGL 1313	Critical Analysis and Writing I	
Select one of the following:		3
ENGL 1213	Composition II	
ENGL 1413	Critical Analysis and Writing II	
ENGL 3323	Technical Writing	
<i>American History &amp; Government</i>		
HIST 1103	Survey of American History	3
or HIST 1483	American History to 1865 (H)	
or HIST 1493	American History Since 1865 (DH)	
POLS 1113	American Government	3
<i>Analytical &amp; Quantitative Thought (A)</i>		
MATH or STAT course designated (A)		3
<i>Humanities (H)</i>		
Courses designated (H)		6
<i>Natural Sciences (N)</i>		
Must include one Laboratory Science (L) course		
Courses designated (N)		6
<i>Social &amp; Behavioral Sciences (S)</i>		
Course designated (S)		3
<i>Additional General Education</i>		
Courses designated (A), (H), (N), or (S)		10
<b>Hours Subtotal</b>		<b>40</b>
<b>Diversity (D) &amp; International Dimension (I)</b>		
May be completed in any part of the degree plan		
Select at least one Diversity (D) course		
Select at least one International Dimension (I) course		
<b>College/Departmental Requirements</b>		
<i>First Year Seminar</i>		
(Transfer students with 15 hours exempt)		1
<i>Arts &amp; Humanities</i>		
See note 2.a.		
ART 3683	History of 20th Century Art (HI)	3
Select 3 hours upper-division Art History from:		3
ART 3543	Leonardo, Art, And Science (H)	
ART 3553	Fashioning and Self Fashioning: The Renaissance Portrait (H)	
ART 3563	History of Prints and Printmaking	
ART 3573	History of Photography	

ART 3583	Introduction to Museum and Curatorial Studies (H)	
ART 3600	Writing Methods In Art History	
ART 3603	History of Classical Art (H)	
ART 3623	History of Italian Renaissance Art (H)	
ART 3633	History of Baroque Art (H)	
ART 3643	History of Graphic Design	
ART 3653	History of 19th Century Art (H)	
ART 3663	History of American Art (DH)	
ART 3673	History of Northern Renaissance Art	
ART 3683	History of 20th Century Art (HI)	
ART 3693	Survey of Asian Art (H)	
ART 3713	Early Medieval Art: Saints, Martyrs, Pagans (H)	
ART 3723	Court and Cloister: Medieval Art 1050-1400 (H)	
ART 3733	History of Latin American Art I	
ART 3743	History of Latin American Art II (HI)	
ART 3753	The Arts of Spain and the Spanish World (H)	
ART 4583	Rome: The Eternal City in Art and Film (H)	
ART 4593	Art of Conversion: 16th Century Art in Mexico (H)	
ART 4603	History of Ancient Egyptian Art	
ART 4613	Art Since 1960	
ART 4653	History of Indian Art	
ART 4663	History of Chinese Art (H)	
ART 4673	History of Japanese Art	
ART 4683	Modern and Contemporary Art in Asia	
ART 4693	Gender And Visual Culture	
ART 4703	Art East and West: Biases and Borrowings	
ART 4713	The Visual Culture of the Islamic World (HI)	
ART 4723	History of Museums and Collecting	
ART 4733	Museum Education	
ART 4763	Native American Art and Material Culture	
ART 4793	Architecture and Space in East Asia	
ART 4800	Special Studies in Art	
ART 4810	Museum Internship	
ART 4813	Museum Exhibition	
ART 4830	Apprenticeship	
ART 4910	Directed Study in Art History	
ART 4920	Art History Symposium	
ART 4933	Art in Context	
ART 4973	20th Century Chinese Art	
ART 4993	Senior Honors Project	
Select 3 additional non-ART hours		3
<i>Foreign Language</i>		
See note 3		
0-6 hours		
<i>Non-Western Studies</i>		
See note 2.d.		
<i>Upper-Division General Education</i>		
Select 6 hours outside major department		



See note 2.c.

<b>Hours Subtotal</b>	<b>10</b>
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**Major Requirements**

Minimum GPA in all ART courses 2.75 with a minimum grade of "C" in all ART courses

*Core Curriculum*

ART 1103	Drawing I	3
ART 1113	Drawing II	3
ART 1203	Visual Thinking: Image and Surface	3
ART 1303	Visual Thinking: Form and Space	3
ART 1503	Art History Survey I (H)	3
ART 1513	Art History Survey II (H)	3
ART 2003	Studio Methods and Preparation	3
ART 2113	Life Drawing	3

*Lower-division Professional Sequence*

2-D studio media:

Select two of the following:

ART 2223	Oil Painting I	6
ART 2233	Watercolor I	
ART 2273	Printmaking I	
ART 2283	Studio Art Digital Survey	
ART 2293	Photography I	

3-D studio media:

Select two of the following:

ART 2243	Jewelry and Metals I	6
ART 2253	Ceramics I	
ART 2263	Sculpture I	

*Upper-division Professional Sequence*

Proficiency review required to take courses:

Studio primary media focus:

Select 12 hours of the following:

ART 3223	Oil Painting II	12
& ART 4220	and Oil Painting Studio (9 hours)	
ART 3233	Watercolor II	
& ART 4230	and Watercolor Studio (9 hours)	
ART 3243	Jewelry And Metals II	
& ART 4240	and Jewelry and Metals Studio (9 hours)	
ART 3253	Ceramics II	
& ART 4250	and Ceramics Studio (9 hours)	
ART 3263	Sculpture II	
& ART 4260	and Sculpture Studio (9 hours)	
ART 3273	Printmaking II	
& ART 4270	and Printmaking Studio (9 hours)	
ART 3393	Photography II	
& ART 4280	and Photography Studio (9 hours)	
ART 3110	Life Drawing Studio	
& ART 4100	and Advanced Drawing (3-9 hours)	

Studio secondary media focus:

Select 9 hours of the following:

ART 3223	Oil Painting II	9
& ART 4220	and Oil Painting Studio (6 hours)	
ART 3233	Watercolor II	
& ART 4230	and Watercolor Studio (6 hours)	

ART 3243	Jewelry And Metals II	
& ART 4240	and Jewelry and Metals Studio (6 hours)	
ART 3253	Ceramics II	
& ART 4250	and Ceramics Studio (6 hours)	
ART 3263	Sculpture II	
& ART 4260	and Sculpture Studio (6 hours)	
ART 3273	Printmaking II	
& ART 4270	and Printmaking Studio (6 hours)	
ART 3393	Photography II	
& ART 4280	and Photography Studio (6 hours)	
ART 3110	Life Drawing Studio	
& ART 4100	and Advanced Drawing (3-9 hours)	
Select 3 hours upper-division Studio media electives from:		3
ART 3110	Life Drawing Studio	
ART 3213	Public and Installation Art	
ART 3223	Oil Painting II	
ART 3233	Watercolor II	
ART 3243	Jewelry And Metals II	
ART 3253	Ceramics II	
ART 3263	Sculpture II	
ART 3273	Printmaking II	
ART 3293	New Genres in Studio Art	
ART 3383	Digital Imaging	
ART 3393	Photography II	
ART 3403	Illustration II	
ART 3413	Typography II	
ART 3423	Graphic Design II	
ART 3453	Motion Design I	
ART 3463	Interaction Design I	
ART 4053	Alternative Photography	
ART 4100	Advanced Drawing	
ART 4211	BFA Studio Capstone Exhibition	
ART 4213	BFA Studio Capstone	
ART 4220	Oil Painting Studio	
ART 4223	BA Studio Capstone	
ART 4230	Watercolor Studio	
ART 4240	Jewelry and Metals Studio	
ART 4250	Ceramics Studio	
ART 4260	Sculpture Studio	
ART 4270	Printmaking Studio	
ART 4280	Photography Studio	
ART 4420	Graphic Design Studio	
ART 4430	Illustration Studio	
ART 4450	Motion Design Studio	
ART 4460	Interaction Design Studio	
ART 4493	Portfolio Capstone	
ART 4800	Special Studies in Art	
ART 4820	Graphic Design Internship	
ART 4830	Apprenticeship	
ART 4900	Directed Study In Art	
<i>Studio Capstone/Upper-division Art History</i>		
ART 4211	BFA Studio Capstone Exhibition	1
ART 4213	BFA Studio Capstone	3

ART 4613	Art Since 1960	3
<b>Hours Subtotal</b>		<b>67</b>
<b>Electives</b>		
Select 3 hours		3
May need to include 6 hours of a foreign language (see note 3)		
May need to include 6 hours upper-division general education outside major department (see note 2.c.) and 3 additional upper-division hours		
<b>Hours Subtotal</b>		<b>3</b>
<b>Total Hours</b>		<b>120</b>

## Other Requirements

- See the College of Arts and Sciences Requirements.
- **Upper-Division Credit:** Total hours must include at least 40 hours in courses numbered 3000 or above.
- **Hours in One Department:** For B.A. and B.S. degrees, no more than 54 hours in one department may be applied to degree requirements.

## College of Arts and Sciences Requirements

### 1. General Education Requirements

No more than two courses (or eight hours) from the major department (<http://catalog.okstate.edu/college-arts-sciences-major-departments/>) may be used to meet General Education and College and Departmental Requirements. The General Education required English Composition, required U.S. History, required American Government, one required MATH or STAT course, and required foreign language for B.A. degrees do not count against the two-course maximum.

### 2. A&S College/Departmental Requirements

- Arts and Humanities are defined as any course carrying an (H) designation or courses from AMST, ART, DANC, ENGL (except ENGL 3323 Technical Writing) HIST, MUSI, PHIL (except PHIL 1313 Logic and Critical Thinking (A), PHIL 3003 Symbolic Logic (A) and PHIL 4003 Mathematical Logic and Computability), REL, TH, and foreign languages.
- Natural and Mathematical Sciences are defined as any course from the following prefixes: ASTR, BIOC, BIOL, CHEM, CS (except CS 4883 Social Issues in Computing), GEOL, MATH, MICR, PBIO, PHYS, and STAT; or courses from other departments that carry an (A) or (N) general education designation.
- The required six hours of upper-division General Education may not include courses from the student's major department. This requirement may be satisfied by courses also used to satisfy any part of a student's degree program (i.e., in General Education, College Departmental Requirements, Major Requirements or Electives).
- Non-Western Studies Requirement for B.A. and B.F.A.; One 3-hour course in Non-Western Studies (N.W.). This requirement may be satisfied by courses also used to satisfy any part of a student's degree program (i.e., in General Education, College Departmental Requirements, Major Requirements or Electives).
- The College of Arts & Sciences requires a minimum 2.0 GPA in all major requirements and a minimum 2.0 GPA in all major-prefix courses applied to the degree.

### 3. Foreign Language Proficiency

- The foreign language requirement for the B.A. may be satisfied by 9 hours college credit in the same language, which must include 3 hours at the 2000-level, or equivalent proficiency (e.g., passing an advanced standing examination; TOEFL exam; presenting a high school transcript which demonstrates the high school was primarily conducted in a language other than English; etc.). Computer Science courses may not be used to satisfy this requirement. Currently Arabic and Mvskoke are not offered at the 2000-level at OSU.
  - The foreign language requirement for the B.S., B.M. and B.F.A. may be satisfied by presenting a high school transcript which demonstrates two years of study of a single foreign language (passing grades at second-year level of study). It may also be satisfied by 6 hours college credit in the same language, which must include language courses 1713 and 1813, or equivalent proficiency (e.g., passing an advanced standing examination; TOEFL exam; presenting a high school transcript which demonstrates the high school was primarily conducted in a language other than English; etc.). Computer Science courses may not be used to satisfy this requirement.
  - In addition to a. and b., students pursuing teacher certification must meet novice-high foreign language proficiency by presenting a high school transcript which demonstrates two years of study of a single foreign language with no grade below B. Or, students may complete 3 hours college credit in a single language with no grade below C (or pass an advanced standing examination, College Level Examination Program (CLEP) exam, or Oral Proficiency Interview developed by the American Council on the Teaching of Foreign Languages, equivalent to 3 hours of college credit.) Or, students may meet the requirement by transfer of documentation of meeting the foreign language competency from one of the teacher education programs in the State of Oklahoma approved by the Oklahoma State Regents for Higher Education.
- ### 4. Exclusions
- Courses used to satisfy the General Education English Composition, U.S. History, American Government, and Mathematics or Statistics requirements will not count toward the 54-hour maximum allowed from one department.
  - Courses with ATHL or LEIS prefixes and leisure activity courses may not be used for degree credit.

## Additional State/OSU Requirements

- At least: 60 hours at a four-year institution; 30 hours completed at OSU; 15 of the final 30 or 50% of the upper-division hours in the major field completed at OSU.
- Limit of: one-half of major course requirements as transfer work; one-fourth of hours earned by correspondence; 8 transfer correspondence hours.
- Students will be held responsible for degree requirements in effect at the time of matriculation and any changes that are made, so long as these changes do not result in semester credit hours being added or do not delay graduation.
- Degrees that follow this plan must be completed by the end of Summer 2028.

## Example Plan of Study Finish in Four Plan of Study

The plan below is an example of how students can successfully complete degree requirements in four years. This suggested class schedule plan may be used as a guide and can be adjusted based on individual needs. Students are required to meet with an academic advisor prior to enrollment each semester to plan their class schedule, and students are ultimately responsible for completing all degree requirements.

Course	Title	Hours
<b>Freshman</b>		
<b>Fall</b>		
ART 1103	Drawing I	3
ART 1203	Visual Thinking: Image and Surface	3
ART 1503	Art History Survey I (H)	3
College and General Education courses		6
<b>Hours</b>		<b>15</b>
<b>Spring</b>		
ART 1113	Drawing II	3
ART 1513	Art History Survey II (H)	3
ART 1303	Visual Thinking: Form and Space	3
General Education courses		6
<b>Hours</b>		<b>15</b>
<b>Sophomore</b>		
<b>Fall</b>		
ART 2113	Life Drawing	3
ART 2223	Oil Painting I	3
or ART 2233	or Watercolor I	
or ART 2273	or Printmaking I	
or ART 2283	or Studio Art Digital Survey	
or ART 2293	or Photography I	
ART 2243	Jewelry and Metals I	3
or ART 2253	or Ceramics I	
or ART 2263	or Sculpture I	
Major, College, and Elective courses		6
<b>Hours</b>		<b>15</b>
<b>Spring</b>		
ART 2003	Studio Methods and Preparation	3
ART 2233	Watercolor I	3
or ART 2233	or Watercolor I	
or ART 2273	or Printmaking I	
or ART 2283	or Studio Art Digital Survey	
or ART 2293	or Photography I	
ART 2253	Ceramics I	3
or ART 2253	or Ceramics I	
or ART 2263	or Sculpture I	
Major, College, and Elective courses		6
<b>Hours</b>		<b>15</b>
<b>Junior</b>		
<b>Fall</b>		
3 hours Upper-division course in Primary Media Focus		3
College and Elective courses		12
<b>Hours</b>		<b>15</b>
<b>Spring</b>		
3 hours Upper-division course in Primary Media Focus		3
3 hours Upper-division course in Secondary Media Focus		3
College and Elective courses		9
<b>Hours</b>		<b>15</b>
<b>Senior</b>		
<b>Fall</b>		
ART 3683	History of 20th Century Art (HI)	3
3 hours Upper-division course in Primary Media Focus		3

3 hours Upper-division course in Secondary Media Focus		3
ART 4213	BFA Studio Capstone	3
College and Elective courses		3
<b>Hours</b>		<b>15</b>
<b>Spring</b>		
3 hours Upper-division course in Primary Media Focus		3
3 hours Upper-division course in Secondary Media Focus		3
ART 4211	BFA Studio Capstone Exhibition	1
ART 4613	Art Since 1960	3
College and Elective courses		5
<b>Hours</b>		<b>15</b>
<b>Total Hours</b>		<b>120</b>

1

Speak with academic advisor about saving General Education electives and Humanities (H) for Upper-division courses with International (I) and Diversity (D) dimensions.

## Pre-Art Therapy (PART), Minor

**Requirements for Students Matriculating in or before Academic Year 2022-2023.** Learn more about University Academic Regulation 3.1 (p. 943).

**Minimum grade and/or GPA:** 2.75 with no grade below "C."

**Total Hours:** 30

Code	Title	Hours
<b>Course Requirements</b>		
<i>Psychology</i>		
PSYC 1113	Introductory Psychology (S)	3
PSYC 2583	Developmental Psychology (S)	3
PSYC 3443	Abnormal Psychology (S)	3
Select three additional credit hours from the following:		3
PSYC 2443	Clinical Child Psychology	
PSYC 3053	Psychology of Art (S)	
PSYC 3073	Neurobiological Psychology (N)	
PSYC 4013	Introduction to Pediatric Psychology	
PSYC 4243	Psychology of Aging	
PSYC 4283	Health Psychology	
<b>Hours Subtotal</b>		<b>12</b>
<i>Art</i>		
ART 1103	Drawing I	3
ART 1113	Drawing II	3
ART 1203	Visual Thinking: Image and Surface	3
ART 1303	Visual Thinking: Form and Space	3
ART 2223	Oil Painting I	3
ART 2253	Ceramics I	3
<b>Hours Subtotal</b>		<b>18</b>
<b>Total Hours</b>		<b>30</b>

## Additional OSU Requirements

### Undergraduate Minors

- An undergraduate minor must include between fifteen and thirty hours, inclusive of undergraduate coursework.
- A minimum of six credit hours for the minor must be earned in residence at OSU.
- The courses required for a minor may be included in the course requirements for any undergraduate degree or they may be in addition to degree requirements, depending on the overlap between the minor and degree requirements. However, an undergraduate minor must be earned in an academic field other than the student's declared degree option. The minor may not duplicate the degree major or option (for example, a student who earns a BA in Art with an Art History option may earn a minor in Studio Art but not Art History).
- A student generally follows the minor requirements associated with his or her matriculation year or newer requirements that have been established since matriculation. The time limit for following requirements from a given academic year is six years.

For additional information on requirements on minors, click here (<https://adminfinance.okstate.edu/site-files/documents/policies/requirements-for-undergraduate-and-graduate-minors.pdf>).

## Studio Art (STDA), Minor

**Requirements for Students Matriculating in or before Academic Year 2022-2023.** Learn more about University Academic Regulation 3.1 (p. 943).

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**Minimum Grade Point Average in Minor Coursework:** 2.5 with no grade below "C."

**Total Hours:** 21

Code	Title	Hours
<b>Minor Requirements</b>		
ART 1103	Drawing I	3
ART 1113	Drawing II	3
ART 1203	Visual Thinking: Image and Surface	3
ART 1303	Visual Thinking: Form and Space	3
9 hours chosen from any one area of concentration (General, Oil Painting, Watercolor, Jewelry/Metals, Ceramics, Sculpture, Printmaking or Photography).		9
General:		
ART 2113	Life Drawing	
ART 2223	Oil Painting I	
ART 2233	Watercolor I	
ART 2243	Jewelry and Metals I	
ART 2253	Ceramics I	
ART 2263	Sculpture I	
ART 2273	Printmaking I	
ART 2283	Studio Art Digital Survey	
ART 2293	Photography I	
Oil Painting:		
ART 2223 & ART 3223 & ART 4220	Oil Painting I and Oil Painting II and Oil Painting Studio	
Watercolor:		
ART 2233 & ART 3233 & ART 4230	Watercolor I and Watercolor II and Watercolor Studio	
Jewelry/Metals		
ART 2243 & ART 3243 & ART 4240	Jewelry and Metals I and Jewelry And Metals II and Jewelry and Metals Studio	
Ceramics:		
ART 2253 & ART 3253 & ART 4250	Ceramics I and Ceramics II and Ceramics Studio	
Sculpture:		
ART 2263 & ART 3263 & ART 4260	Sculpture I and Sculpture II and Sculpture Studio	
Printmaking:		
ART 2273 & ART 3273 & ART 4270	Printmaking I and Printmaking II and Printmaking Studio	
Photography:		

ART 2293 & ART 3393 & ART 4280	Photography I and Photography II and Photography Studio
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Beyond the 21 hours required to minor, it is highly recommended that Studio Minors take an Art History course to fulfill 3 hours credit of their Humanities (H) requirements.

**Total Hours**

**21**

## Additional OSU Requirements Undergraduate Minors

- An undergraduate minor must include between fifteen and thirty hours, inclusive of undergraduate coursework.
- A minimum of six credit hours for the minor must be earned in residence at OSU.
- The courses required for a minor may be included in the course requirements for any undergraduate degree or they may be in addition to degree requirements, depending on the overlap between the minor and degree requirements. However, an undergraduate minor must be earned in an academic field other than the student's declared degree option. The minor may not duplicate the degree major or option (for example, a student who earns a BA in Art with an Art History option may earn a minor in Studio Art but not Art History).
- A student generally follows the minor requirements associated with his or her matriculation year or newer requirements that have been established since matriculation. The time limit for following requirements from a given academic year is six years.

For additional information on requirements on minors, click here (<https://adminfinance.okstate.edu/site-files/documents/policies/requirements-for-undergraduate-and-graduate-minors.pdf>).



# Certificates

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## Undergraduate Certificates

- Digital Studies, Undergraduate Certificate (p. 1038)
- eSports, Undergraduate Certificate (p. 1039)
- Pre-Health Care Administration, Undergraduate Certificate (p. 1040)
- Pre-Medical Sciences, Undergraduate Certificate (p. 1041)

## Digital Studies, Undergraduate Certificate

**Requirements for Students Matriculating in or before Academic Year 2022-2023.** Learn more about University Academic Regulation 3.1 (p. 943).

**Total Hours:** 15

Code	Title	Hours
<b>Digital Culture Core</b>		
ENGL 2253	Theory and Practice of Digital Studies	3
or AMST 3683	Introduction to Digital Humanities	
<b>Capstone Experience</b>		
A&S 4113	Research in Digital Studies	3
or A&S 4710	Internship in Digital Studies	
<b>Electives</b>		
Select 9 hours from the following: <sup>1</sup>		9
<i>Digital Application Core</i>		
ART 2093	Non-Major Photography I	
ART 2283	Studio Art Digital Survey	
ART 4420	Graphic Design Studio	
EDTC 3123	Applications of Educational Technologies	
EDTC 4113	Applications of Media and Technology	
ENGL 4143	Language and Technology	
ENGL 4553	Visual Rhetoric and Design	
ENGL 4573	Games and Writing	
GEOG 2344	Digital Tools for Environmental Problem-Solving (LN)	
GEOG 4203	Fundamentals of Geographic Information Systems	
HIST 4073	Digital Methods in History	
MC 2023	Electronic Communication	
MMJ 3153	Fundamentals of Video and Studio Production	
MMJ 3873	Audio Production	
MMJ 4573	Broadcast Documentary	
<i>Computing &amp; Info Sciences Core</i>		
Any CS or MSIS courses		
<b>Total Hours</b>		<b>15</b>

1

Students must take at least 3 hours in each area, 6 hours must be at the upper-division level, and courses must be from at least 2 departments. Courses not on this list may be approved by the Curriculum Committee on a case-by-case basis.

## eSports, Undergraduate Certificate

**Requirements for Students Matriculating in or before Academic Year 2022-2023.** Learn more about University Academic Regulation 3.1 (p. 943).

**Total Hours:** 15

Code	Title	Hours
<b>Certificate Requirements</b>		
SPM 1883	Introduction to eSports	3
Select one course from:		3
MC 1143	Media in a Diverse Society (DS)	
MC 2023	Electronic Communication	
SPM 2843	Sports and the Media	
SC 2183	Introduction to Strategic Communications	
SC 3043	Entertainment in the Media	
Select three courses (9 hours) from:		9
MC 3113	Introduction to Media Effects	
MC 4043	Media Study Abroad (I) (only when specific to eSports)	
SPM 3880	Topics in eSports (Up to 9 hours)	
<b>Total Hours</b>		<b>15</b>

### Other Requirements

- The student must have a Bachelor's degree or is expected to complete a Bachelor's degree by the completion of certificate requirements.
- The student maintains a 2.50 GPA in the certificate courses, with no grade below "C".
- Residency Requirement: The student must complete half of the total hours at Oklahoma State University in order to receive a certificate from OSU.

# Pre-Health Care Administration, Undergraduate Certificate

**Requirements for Students Matriculating in or before Academic Year 2022-2023.** Learn more about University Academic Regulation 3.1 (p. 943).

**Total Hours:** 20

Minimum GPA 2.50 with no grade below C. Minimum 15 hours in residence at OSU.

A bachelor's degree from Oklahoma State University or another accredited college or university is required to be eligible to earn the certificate.

Code	Title	Hours
<b>General Education</b>		
PHIL 1213	Philosophies of Life (H)	3
or PHIL 3803	Business Ethics (H)	
or PHIL 3833	Biomedical Ethics (H)	
PSYC 1113	Introductory Psychology (S)	3
<b>Hours Subtotal</b>		<b>6</b>
<b>Core Requirements</b>		
HHP 2802	Medical Terminology for the Health Professions	2
POLS 2020	Topics in Public Law (S)	3
or POLS 2030	Topics in Public Policy & Administration	
or LSB 3213	Legal and Regulatory Environment of Business	
SOC 1113	Introductory Sociology (S)	3
or SOC 4153	Sociology of Health and Illness	
STAT 2013	Elementary Statistics (A)	3
or STAT 2023	Elementary Statistics for Business and Economics (A)	
or CS 1013	Computer Science Principles	
or MSIS 2103	Business Data Science Technologies	
Select 3 hours from the following:		3
ECON 1113	The Economics of Social Issues (S)	
ECON 2003	Microeconomic Principles for Business	
ECON 2103 & ECON 2203	Introduction to Microeconomics (S) and Introduction to Macroeconomics <sup>1</sup>	
<b>Hours Subtotal</b>		<b>14</b>
<b>Total Hours</b>		<b>20</b>

1

If ECON 2103/ECON 2203 option is selected under Core Requirements, then 23 total hours are required for this certificate.

## Pre-Medical Sciences, Undergraduate Certificate

BIOL 4283	Endocrinology	
<b>Total Hours</b>		<b>64</b>

1

Choosing BIOL 3204, BIOL 3214, BIOL 4024, BIOL 4104 or BIOL 4134 increases overall hours.

**Requirements for Students Matriculating in or before Academic Year 2022-2023.** Learn more about University Academic Regulation 3.1 (p. 943).

**Total Hours:** 64

Minimum GPA 3.00 with no grade below "C." Minimum 15 hours in residence at OSU.

A bachelor's degree from Oklahoma State University or another accredited college or university is required.

Code	Title	Hours
ENGL 1113	Composition I	3
or ENGL 1313	Critical Analysis and Writing I	
ENGL 1213	Composition II	3
or ENGL 1413	Critical Analysis and Writing II	
MATH 1483	Mathematical Functions and Their Uses (A)	3
	(or higher, not MATH 1493)	
or STAT 2013	Elementary Statistics (A)	
or STAT 2023	Elementary Statistics for Business and Economics (A)	
or STAT 2053	Elementary Statistics for the Social Sciences (A)	
or STAT 4013	Statistical Methods I (A)	
BIOL 1113 & BIOL 1111	Introductory Biology (N) and Introductory Biology Laboratory (LN)	4
or BIOL 1114	Introductory Biology (LN)	
BIOL 1604	Animal Biology	4
CHEM 1314	Chemistry I (LN)	4
CHEM 1515	Chemistry II (LN)	5
CHEM 3053	Organic Chemistry I	3
CHEM 3153	Organic Chemistry II	3
CHEM 3112	Organic Chemistry Laboratory	2
PHYS 1114	College Physics I (LN)	4
or PHYS 2014	University Physics I (LN)	
PHYS 1214	College Physics II (LN)	4
or PHYS 2114	University Physics II (LN)	
PSYC 1113	Introductory Psychology (S)	3
SOC 1113	Introductory Sociology (S)	3
3 additional hours from: ENGL, PHIL, PSYC, SOC, or any Humanities (H)		3
BIOL 3023	General Genetics	3
or MICR 3033	Cell and Molecular Biology	
BIOL 3204	Physiology	4
or BIOL 3214	Human Anatomy	
Select one course from: <sup>1</sup>		3
BIOL 3653	Survey of Biochemistry	
BIOL 4104	General Parasitology <sup>1</sup>	
Select one course from: <sup>1</sup>		3
BIOL 3233	Human Reproduction	
BIOL 4134	Embryology <sup>1</sup>	



## Chemistry

Chemistry is a science devoted to the manufacturing and evaluation of compounds and materials. Chemists have created new types of materials such as Teflon and have synthesized molecules for treating cancer such as derivatives of Taxol. Chemists are also involved in making measurements crucial toward determining the presence of hazardous pollutants in our environment and the safety of our food and water supplies. Chemistry is at the forefront in developing and advancing new technologies to solve problems in agriculture, medicine, electronics, energy and forensics.

A student considering a career in chemistry should have a strong curiosity about the nature of how things work, good problem solving skills and most important of all—a desire to learn. Some background in mathematics and physics is beneficial as these subjects facilitate an understanding of chemistry, which is often called the Central Science because of its importance in understanding both the physical and biological sciences. For this reason alone, chemists are employed in all phases of our economy—industry, government and education (both high school and college).

The Department of Chemistry offers BS degrees in:

1. Biochemistry
2. Medicinal and Biophysical Chemistry
3. Chemistry, with options in:
  - a. American Chemical Society (ACS) Approved
  - b. Pre-Health/Pre-Law
  - c. Secondary Teacher Certification

## Courses

### CHEM 1014 Chemistry In Civilization (LN)

**Description:** A survey course presenting the concepts and principles of chemistry for students outside the health, science and engineering fields. This course covers the basics of chemistry and chemical contributions to society such as polymers, consumer chemicals, drugs, and radioactivity. May not be used for degree credit with CHEM 1215 or CHEM 1314.

**Credit hours:** 4

**Contact hours:** Lecture: 2 Lab: 2 Contact: 5 Other: 1

**Levels:** Undergraduate

**Schedule types:** Discussion, Lab, Lecture, Combined lecture lab & disc

**Department/School:** Chemistry

**General Education and other Course Attributes:** Scientific Investigation, Natural Sciences

### CHEM 1215 Chemical Principles I (LN)

**Prerequisites:** MATH 1483 or MATH 1513 or a higher level math course with a “C” or better or an acceptable math placement score (see placement.okstate.edu) or acceptable AP credit.

**Description:** The beginning chemistry course recommended for students in the applied biological sciences. This course covers chemical principles and their applications to their properties and transformations of matter, including periodic classification of the elements, laws of chemical combination, atomic and molecular structure, and chemical bonding. Course previously offered as CHEM 1015.

**Credit hours:** 5

**Contact hours:** Lecture: 3 Lab: 2 Contact: 6 Other: 1

**Levels:** Undergraduate

**Schedule types:** Discussion, Lab, Lecture, Combined lecture lab & disc

**Department/School:** Chemistry

**General Education and other Course Attributes:** Scientific Investigation, Natural Sciences

### CHEM 1225 Chemical Principles II (LN)

**Prerequisites:** CHEM 1215 or CHEM 1314 or CHEM 1414 with a grade of “C” or better; and MATH 1483 or MATH 1513 or higher with a “C” or better or an acceptable math placement score (see placement.okstate.edu); or acceptable AP credit.

**Description:** A continuation of Chemical Principles I for students in the applied biological sciences. Topics include gas laws, chemical equilibria, acid/base chemistry, oxidation/reduction, elementary chemical thermodynamics, and introduction to organic molecules.

**Credit hours:** 5

**Contact hours:** Lecture: 3 Lab: 2 Contact: 6 Other: 1

**Levels:** Undergraduate

**Schedule types:** Discussion, Lab, Lecture, Combined lecture lab & disc

**Department/School:** Chemistry

**General Education and other Course Attributes:** Scientific Investigation, Natural Sciences

### CHEM 1314 Chemistry I (LN)

**Prerequisites:** MATH 1483 or MATH 1513 or higher with a “C” or better or an acceptable math placement score (see placement.okstate.edu) or acceptable AP credit.

**Description:** The beginning chemistry course recommended for students in basic biological sciences (including pre-medical science and pre-veterinary sciences), physical sciences and engineering. This course covers chemical principles and their applications to the properties and transformations of matter, including periodic classification of the elements, laws of chemical combination, gas laws, atomic and molecular structure, and chemical bonding.

**Credit hours:** 4

**Contact hours:** Lecture: 3 Lab: 2 Contact: 5

**Levels:** Undergraduate

**Schedule types:** Lab, Lecture, Combined lecture and lab

**Department/School:** Chemistry

**General Education and other Course Attributes:** Scientific Investigation, Natural Sciences

**CHEM 1414 General Chemistry for Engineers (LN)**

**Prerequisites:** MATH 1483 or MATH 1513 or higher with a "C" or better or an acceptable math placement score (see placement.okstate.edu) or acceptable AP credit.

**Description:** One seminar survey of general chemistry for engineering students. Topics include physical properties of states of matter, stoichiometry, atomic theory, periodic properties, bonding, thermodynamics, equilibrium, acid-base and redox reactions, electrochemistry. Topics will be discussed with respect to applications to materials, energy and environmental topics relevant to engineering students.

**Credit hours:** 4

**Contact hours:** Lecture: 3 Lab: 2 Contact: 5

**Levels:** Undergraduate

**Schedule types:** Lab, Lecture, Combined lecture and lab

**Department/School:** Chemistry

**General Education and other Course Attributes:** Scientific Investigation, Natural Sciences

**CHEM 1515 Chemistry II (LN)**

**Prerequisites:** CHEM 1314 with a grade of "C" or better or acceptable AP credit.

**Description:** A continuation of Chemistry 1 for students in the basic biological sciences (including premedical science and pre-veterinary science), physical sciences, and engineering. Topics include, but not limited to, intermolecular forces, liquids and solids, chemical equilibria, acid/base chemistry, oxidation/reduction, electrochemistry, chemical kinetics, and elementary chemical thermodynamics.

**Credit hours:** 5

**Contact hours:** Lecture: 3 Lab: 2 Contact: 6 Other: 1

**Levels:** Undergraduate

**Schedule types:** Discussion, Lab, Lecture, Combined lecture lab & disc

**Department/School:** Chemistry

**General Education and other Course Attributes:** Scientific Investigation, Natural Sciences

**CHEM 2113 Principles of Analytical Chemistry**

**Prerequisites:** A grade of "C" or better in CHEM 1515.

**Description:** Statistical analysis of analytical data, acid-base equilibria, acid-base titrations, electrochemistry, analytical separations, as well as atomic and molecular optical spectroscopy.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Chemistry

**CHEM 2122 Quantitative Analysis Laboratory**

**Prerequisites:** CHEM 2113 or concurrent enrollment.

**Description:** Laboratory exercises related to theoretical principles in CHEM 2113.

**Credit hours:** 2

**Contact hours:** Lab: 4 Contact: 4

**Levels:** Undergraduate

**Schedule types:** Lab

**Department/School:** Chemistry

**CHEM 2890 Honors Experience in Chemistry**

**Prerequisites:** Honors Program participation and concurrent enrollment in designated course(s).

**Description:** A supplemental Honors experience in Chemistry to partner concurrently with designated lower-division CHEM course(s). This course adds a different intellectual dimension to designated course(s). Offered for fixed credit, 1 credit hour, maximum of 6 credit hours.

**Credit hours:** 1

**Contact hours:** Lecture: 1 Contact: 1

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Chemistry

**General Education and other Course Attributes:** Honors Credit

**CHEM 2980 Current Topics for Chemical Professionals**

**Prerequisites:** Current enrollment in CHEM 1314 or higher chemistry course.

**Description:** Current topics for pre-chemical professionals which may include, but are not limited to; Chemistry of Life; Energy; Environmental; Materials; Energy, What's that Stuff?, and Teaching/Learning. The course is intended to provide interested undergraduates with a broader introduction to topics relevant to future trends in chemistry and chemically-related fields. Discussion will be directed by faculty members with expertise in the identified area. Offered for variable credit, 1-6 credit hours, maximum of 6 credit hours.

**Credit hours:** 1-6

**Contact hours:** Lecture: 1-6 Contact: 1-6

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Chemistry

**CHEM 2990 Special Problems in Chemistry**

**Prerequisites:** CHEM 1314 or concurrent enrollment.

**Description:** Training in independent work, study of relevant literature and experimental investigation of an assigned problem at the lower-division level. Offered for variable credit, 1-3 credit hours, maximum of 3 credit hours.

**Credit hours:** 1-3

**Contact hours:** Lab: 2-6 Contact: 2-6

**Levels:** Undergraduate

**Schedule types:** Lab

**Department/School:** Chemistry

**CHEM 3012 Survey of Organic Chemistry Laboratory**

**Prerequisites:** CHEM 3013 or concurrent enrollment.

**Description:** Laboratory exercises related to theoretical principles covered in CHEM 3013.

**Credit hours:** 2

**Contact hours:** Lab: 3 Contact: 4 Other: 1

**Levels:** Undergraduate

**Schedule types:** Discussion, Lab, Combined Lab & Discussion

**Department/School:** Chemistry

**CHEM 3013 Survey of Organic Chemistry**

**Prerequisites:** A minimum grade of "C" in CHEM 1225 or CHEM 1515.

**Description:** Terminal, one-semester organic chemistry lecture course covering the general principles of nomenclature, structure, bonding, methods of preparation, reactions and use of acyclic, cyclic, and aromatic compounds.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Chemistry

**CHEM 3053 Organic Chemistry I**

**Prerequisites:** A grade of "C" or better in CHEM 1515.

**Description:** This course is the first of the in-depth sequence of organic chemistry. Topics include nomenclature, structure, stereochemistry, reactivity, properties, and synthesis of organic molecules with an emphasis on reaction mechanisms. This course is required for many life and physical science majors and pre-health students. Consult your degree requirements and professional school admission requirements.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Chemistry

**CHEM 3112 Organic Chemistry Laboratory**

**Prerequisites:** Completion of CHEM 3153 or concurrent enrollment.

**Description:** Laboratory exercises related to theoretical principles covered in CHEM 3053 and 3153.

**Credit hours:** 2

**Contact hours:** Lab: 3 Contact: 4 Other: 1

**Levels:** Undergraduate

**Schedule types:** Discussion, Lab, Combined Lab & Discussion

**Department/School:** Chemistry

**CHEM 3153 Organic Chemistry II**

**Prerequisites:** A grade of "C" or higher in CHEM 3053.

**Description:** This course is the second of the in-depth sequence of organic chemistry starting with CHEM 3053.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Chemistry

**CHEM 3353 Descriptive Inorganic Chemistry**

**Prerequisites:** A grade of "C" or higher in CHEM 1515, CHEM 1225.

**Description:** Structures and properties of the elements and their many compounds in the broadest sense which includes the modern technologically important materials, organometallics, and inorganic substances of biological significance.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Chemistry

**CHEM 3363 Bioinorganic Chemistry**

**Prerequisites:** Grade of "C" or higher in CHEM 1225 or CHEM 1515 or acceptable AP credit.

**Description:** Discusses the structural and functional roles of main group and transition metals within biological systems. Topics may include: the transport, distribution and properties of metals in biological systems, the coordination chemistry of biologically active metals, physical methods for determining metalloprotein structure and reactivity, chemical processes including redox processes and long-range electron transfer reactions and metallocofactors and metal clusters.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Chemistry

**CHEM 3413 Physical Chemistry Applications**

**Prerequisites:** Minimum grade of "C" or higher in both CHEM 1515 and MATH 2144.

**Description:** A practical and applied approach to key topics in physical chemistry, including thermodynamics, chemical equilibria, and chemical kinetics, and how they relate to general chemical and biological processes on a molecular and macroscopic level.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Chemistry

**CHEM 3433 Physical Chemistry I**

**Prerequisites:** Minimum grade of "C" or higher in: CHEM 1515 and MATH 2153 and PHYS 2114.

**Description:** Introductory theoretical analysis of molecular structure, chemical bonding and macroscopic chemical systems using quantum theory, classical and statistical thermodynamics, and kinetics. Previously offered as CHEM 3434.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Chemistry

**CHEM 3532 Physical Chemistry Laboratory**

**Prerequisites:** A grade of "C" or better in CHEM 2122 and CHEM 3433.

**Description:** Modern laboratory instrumentation, experimental techniques, and computational methods in physical chemistry.

**Credit hours:** 2

**Contact hours:** Lab: 3 Contact: 4 Other: 1

**Levels:** Undergraduate

**Schedule types:** Discussion, Lab, Combined Lab & Discussion

**Department/School:** Chemistry

**CHEM 3553 Physical Chemistry II**

**Prerequisites:** A grade of "C" or higher in CHEM 3433.

**Description:** A continuation of CHEM 3433.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Chemistry

**CHEM 3890 Advanced Honors Experience in Chemistry**

**Prerequisites:** Honors Program participation and concurrent enrollment in designated course(s).

**Description:** A supplemental Honors experience in Chemistry to partner concurrently with designated upper-division CHEM course(s). This course adds a different intellectual dimension to designated course(s). Offered for fixed credit, 1 credit hour, maximum of 6 credit hours.

**Credit hours:** 1

**Contact hours:** Lecture: 1 Contact: 1

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Chemistry

**General Education and other Course Attributes:** Honors Credit

**CHEM 4022 Modern Methods of Chemical Analysis Laboratory****Prerequisites:** CHEM 4023 or concurrent enrollment.**Description:** Laboratory exercises related to theoretical principles covered in CHEM 4023. May not be used for degree credit with CHEM 4020.**Credit hours:** 2**Contact hours:** Lab: 4 Contact: 4**Levels:** Undergraduate**Schedule types:** Lab**Department/School:** Chemistry**CHEM 4023 Modern Methods of Chemical Analysis****Prerequisites:** A grade of "C" or better in CHEM 2122; and CHEM 3413 or CHEM 3433.**Description:** The design, operational principles and practical application of modern instrumental methods used in chemical analysis of natural and artificial materials. Covers the reagents and instruments used in the separation, identification and quantification of the chemical components. May not be used for degree credit with CHEM 4020.**Credit hours:** 3**Contact hours:** Lecture: 3 Contact: 3**Levels:** Undergraduate**Schedule types:** Lecture**Department/School:** Chemistry**CHEM 4123 Biomolecular Chemistry and Function****Prerequisites:** Minimum grade of "C" in CHEM 3153 and CHEM 3112.**Description:** The class is designed to use examples from classic and current literature to expand the student's knowledge of the chemical techniques required to understand the structure and function of macromolecules in solution. These topics include chemical forces that stabilize macromolecular and supramolecular structure, thermodynamics and statistical mechanics of macromolecular and polymer folding, diffusional processes, kinetics, and the relationship of these principles to practical application in experimental design and interpretation. May not be used for degree credit with CHEM 6650.**Credit hours:** 3**Contact hours:** Lecture: 3 Contact: 3**Levels:** Undergraduate**Schedule types:** Lecture**Department/School:** Chemistry**CHEM 4312 Inorganic Chemistry Laboratory****Prerequisites:** Minimum grade of "C" or better in CHEM 3112.**Description:** Course will provide students with practical knowledge and experimental techniques commonly used in inorganic and organometallic chemistry.**Credit hours:** 2**Contact hours:** Lab: 2 Contact: 3 Other: 1**Levels:** Undergraduate**Schedule types:** Discussion, Lab, Combined Lab & Discussion**Department/School:** Chemistry**CHEM 4313 Medicinal Organic Chemistry****Prerequisites:** Minimum grade of "C" in CHEM 3153 and CHEM 3112.**Description:** This course looks at the development of new organic molecules for use in the pharmaceutical industry and investigates their pathway from the design stage to eventual introduction to the market. This course explores a range of important techniques necessary for the synthesis of complex organic architectures, an introduction to asymmetric synthesis, and polymer-supported synthesis of biomolecules including peptides and nucleic acids. This course also introduces various classes of drugs, mechanisms of action, drug metabolism and structure activity relationships.**Credit hours:** 3**Contact hours:** Lecture: 3 Contact: 3**Levels:** Undergraduate**Schedule types:** Lecture**Department/School:** Chemistry**CHEM 4320 Chemical and Spectrometric Identification of Organic Compounds****Prerequisites:** A grade of "C" or higher in CHEM 3112 and CHEM 3153.**Description:** Theory and practice in separating mixtures of organic compounds and some theory and practice in identifying organic compounds by spectroscopic methods. Offered for variable credit, 1-3 credit hours, maximum of 3 credit hours.**Credit hours:** 1-3**Contact hours:** Lab: 2-6 Contact: 2-6**Levels:** Undergraduate**Schedule types:** Lab**Department/School:** Chemistry**CHEM 4322 Advanced Organic Chemistry Laboratory****Prerequisites:** Minimum grade of "C" in both CHEM 3153 and CHEM 3112.**Description:** Training in the art of chemical synthesis, phenomena surrounding molecular interactions, separation strategies, and spectroscopic analysis of organic molecules. Same course as CHEM 4320.**Credit hours:** 2**Contact hours:** Lab: 4 Contact: 4**Levels:** Undergraduate**Schedule types:** Lab**Department/School:** Chemistry**CHEM 4333 Inorganic Chemistry I****Prerequisites:** CHEM 1515 with minimum grade of "C."**Description:** Bonding theory, molecular symmetry and its applications to structure, bonding and spectroscopy, structures of simple solids, inorganic acids and bases, oxidation and reduction, and industrial production of elements, coordination chemistry, crystal field theory, ligand field theory, introduction to organometallic chemistry. May not be used for degree credit with CHEM 5260.**Credit hours:** 3**Contact hours:** Lecture: 3 Contact: 3**Levels:** Undergraduate**Schedule types:** Lecture**Department/School:** Chemistry

**CHEM 4433 Computational Chemistry and Molecular Modeling****Prerequisites:** Grade of "C" or better in either CHEM 3413 or CHEM 3433.**Description:** This course introduces the concepts, tools, and possibilities for computational modeling of molecular systems. Primary topics of study include classical molecular mechanics simulations, quantum mechanical calculations, and molecular graphics & visualization. One key effort will be introduction into the usage of high performance computing systems. Such instruction on the use of the computational resources available at OSU will be provided in hands-on computer exercises that involve constructing, performing, and analyzing molecular simulations and calculations. May not be used for degree credit with CHEM 5433.**Credit hours:** 3**Contact hours:** Lecture: 3 Contact: 3**Levels:** Undergraduate**Schedule types:** Lecture**Department/School:** Chemistry**CHEM 4650 Selected Topics in Chemistry****Description:** Supervised study of selected topics and fields not otherwise covered. Offered for variable credit, 1-6 credit hours, maximum of 12 credit hours.**Credit hours:** 1-6**Contact hours:** Contact: 1-6 Other: 1-6**Levels:** Undergraduate**Schedule types:** Independent Study**Department/School:** Chemistry**CHEM 4990 Special Problems in Chemistry****Prerequisites:** Instructor permission required.**Description:** Training in independent work, study of relevant literature and experimental investigation of an assigned problem culminating in a written and oral report. Offered for variable credit, 1-6 credit hours, maximum of 6 credit hours.**Credit hours:** 1-6**Contact hours:** Contact: 1-6 Other: 1-6**Levels:** Undergraduate**Schedule types:** Independent Study**Department/School:** Chemistry**CHEM 5000 Thesis****Description:** Familiarizes the student with methods used in research in chemistry. Offered for variable credit, 1-6 credit hours, maximum of 6 credit hours.**Credit hours:** 1-6**Contact hours:** Contact: 1-6 Other: 1-6**Levels:** Graduate**Schedule types:** Independent Study**Department/School:** Chemistry**CHEM 5001 Introduction to Chemistry Research****Prerequisites:** Graduate standing.**Description:** Introduction to chemical research topics of interest to the department. Special emphasis placed on ethics, plagiarism, codes of conduct, research notebooks, publishing, and presentations.**Credit hours:** 1**Contact hours:** Lecture: 1 Contact: 1**Levels:** Graduate**Schedule types:** Lecture**Department/School:** Chemistry**CHEM 5011 Graduate Seminar****Description:** Preparation and presentation of seminars usually on subjects of current interest taken from the literature. Completion of 1 credit hour required for MS degree.**Credit hours:** 1**Contact hours:** Contact: 1 Other: 1**Levels:** Graduate**Schedule types:** Discussion**Department/School:** Chemistry**CHEM 5053 Foundations of Physical Chemistry****Prerequisites:** CHEM 3433 and CHEM 3153, or equivalent.**Description:** This course provides the foundations of physical chemistry required for all disciplines of chemistry to understand the underlying principles necessary to advance at the graduate level. This core treatment will address thermodynamics and equilibria, chemical kinetics, quantum mechanics, spectroscopy, and statistical thermodynamics. These topics will provide the conceptual learning critical for interdisciplinary applications of physical chemistry.**Credit hours:** 3**Contact hours:** Lecture: 3 Contact: 3**Levels:** Graduate**Schedule types:** Lecture**Department/School:** Chemistry**CHEM 5063 Foundations of Organic Chemistry****Prerequisites:** BS/BA in chemistry, CHEM 3153, or equivalent.**Description:** This course provides the basic principles of organic chemistry necessary to advance at the graduate level in all disciplines of chemistry. This treatment will address bonding and its consequences, stereochemistry and conformational analysis, functional groups and their interconversions, reaction mechanisms, reactive intermediates and catalysis, synthesis and retrosynthetic analysis, and modern characterization. These topics will provide the conceptual background for interdisciplinary applications of organic chemistry.**Credit hours:** 3**Contact hours:** Lecture: 3 Contact: 3**Levels:** Graduate**Schedule types:** Lecture**Department/School:** Chemistry**CHEM 5073 Foundations of Analytical Chemistry****Prerequisites:** CHEM 4023 and CHEM 4022, or equivalent.**Description:** This course provides the basic principles of analytical chemistry necessary to advance at the graduate level in all disciplines of chemistry. Subject matter includes the underlying principles of chemical analyses with emphasis on chemical and biological reactions (equilibrium, reaction rate, chemical labeling), instrumentation and instrumental design, sampling, sample preparation and method validation. These topics will provide the conceptual foundation critical for interdisciplinary applications of analytical chemistry.**Credit hours:** 3**Contact hours:** Lecture: 3 Contact: 3**Levels:** Graduate**Schedule types:** Lecture**Department/School:** Chemistry



**CHEM 5103 Physical and Chemical Separations****Prerequisites:** One year of physical chemistry.**Description:** Principles of bulk and multi-stage separation methods: chromatography, liquid-liquid extraction, and zone melting.**Credit hours:** 3**Contact hours:** Lecture: 3 Contact: 3**Levels:** Graduate**Schedule types:** Lecture**Department/School:** Chemistry**CHEM 5113 Equilibrium and Kinetics in Analytical Chemistry****Prerequisites:** One year of physical chemistry.**Description:** Physical and chemical principles of equilibrium and kinetics as applied to analytical problems.**Credit hours:** 3**Contact hours:** Lecture: 3 Contact: 3**Levels:** Graduate**Schedule types:** Lecture**Department/School:** Chemistry**CHEM 5213 Innovations in Chemistry and STEM Education****Description:** This course will train students on evidence-based instructional classroom practices relevant for improving student persistence and performance in chemistry and other STEM courses and conducting discipline-based education research in STEM.**Credit hours:** 3**Contact hours:** Lecture: 3 Contact: 3**Levels:** Graduate**Schedule types:** Lecture**Department/School:** Chemistry**CHEM 5220 Topics For Teachers****Prerequisites:** Teaching experience.**Description:** Designed to help elementary and secondary science teachers improve their subject matter competence in chemistry. Content varies depending on the needs of specific groups of teachers. Offered for variable credit, 1-9 credit hours, maximum of 9 credit hours.**Credit hours:** 1-9**Contact hours:** Contact: 1-9 Other: 1-9**Levels:** Graduate**Schedule types:** Independent Study**Department/School:** Chemistry**CHEM 5223 Polymer Chemistry****Prerequisites:** CHEM 3153 and CHEM 3433 or equivalent.**Description:** Preparation and polymerization of organic monomers; properties and uses of resulting high polymers; theories of polymerization; inorganic and natural organic polymers.**Credit hours:** 3**Contact hours:** Lecture: 3 Contact: 3**Levels:** Graduate**Schedule types:** Lecture**Department/School:** Chemistry**CHEM 5263 Foundations of Inorganic Chemistry****Prerequisites:** CHEM 1515 with minimum grade of "C."**Description:** Bonding theory, molecular symmetry and its applications to structure, bonding and spectroscopy, structures of simple solids, inorganic acids and bases, oxidation and reduction, and industrial production of elements, coordination chemistry, crystal field theory, ligand field theory, introduction to organometallic chemistry. May not be used for degree credit with CHEM 4333. Previously offered as CHEM 5260.**Credit hours:** 3**Contact hours:** Lecture: 3 Contact: 3**Levels:** Graduate**Schedule types:** Lecture**Department/School:** Chemistry**CHEM 5283 Solid State Chemistry****Prerequisites:** CHEM 5263.**Description:** Structure, bonding, and properties of crystalline and amorphous inorganic solids. Emphasis on the characterization of inorganic solids and phase transitions in inorganic solids.**Credit hours:** 3**Contact hours:** Lecture: 3 Contact: 3**Levels:** Graduate**Schedule types:** Lecture**Department/School:** Chemistry**CHEM 5323 Reactions of Organic Compounds****Prerequisites:** CHEM 3153.**Description:** Products and mechanisms of reactions of importance in organic synthesis.**Credit hours:** 3**Contact hours:** Lecture: 3 Contact: 3**Levels:** Graduate**Schedule types:** Lecture**Department/School:** Chemistry**CHEM 5373 Spectrometric Identification of Organic Compounds****Prerequisites:** CHEM 4320.**Description:** Lectures on ultraviolet, circular dichroism, infrared, nuclear magnetic resonance (NMR) and mass spectrometry (MS). More advanced techniques in NMR and MS stressed. Hands-on training and use of modern spectroscopic instrumentation in laboratory.**Credit hours:** 3**Contact hours:** Lecture: 3 Contact: 3**Levels:** Graduate**Schedule types:** Lecture**Department/School:** Chemistry**CHEM 5433 Computational Chemistry and Molecular Modeling****Prerequisites:** CHEM 3433 or equivalent.**Description:** This course introduces the concepts, tools, and possibilities for computational modeling of molecular systems. Primary topics of study include classical molecular mechanics simulations, quantum mechanical calculations, and molecular graphics & visualization. One key effort will be introduction into the usage of high performance computing systems. Such instruction on the use of the computational resources available at OSU will be provided in hands-on computer exercises that involve constructing, performing, and analyzing molecular simulations and calculations. May not be used for degree credit with CHEM 4433.**Credit hours:** 3**Contact hours:** Lecture: 3 Contact: 3**Levels:** Graduate**Schedule types:** Lecture**Department/School:** Chemistry

**CHEM 5443 Mechanism and Structure in Organic Chemistry****Prerequisites:** CHEM 3153 and CHEM 3553.**Description:** Relationship of properties of organic compounds to their structure; mechanisms of organic reactions.**Credit hours:** 3**Contact hours:** Lecture: 3 Contact: 3**Levels:** Graduate**Schedule types:** Lecture**Department/School:** Chemistry**CHEM 5563 Chemical Thermodynamics I****Prerequisites:** CHEM 3553.**Description:** Statistical and classical thermodynamics applied to chemical systems.**Credit hours:** 3**Contact hours:** Lecture: 3 Contact: 3**Levels:** Graduate**Schedule types:** Lecture**Department/School:** Chemistry**CHEM 5623 Quantum Chemistry I****Prerequisites:** CHEM 3553.**Description:** Fundamentals of quantum mechanics, including classical mechanics, wave representation of matter, the Schrodinger equation, and atomic structure.**Credit hours:** 3**Contact hours:** Lecture: 3 Contact: 3**Levels:** Graduate**Schedule types:** Lecture**Department/School:** Chemistry**CHEM 5650 Selected Topics in Chemistry****Description:** Supervised study of selected topics and fields not otherwise covered. Offered for variable credit, 1-6 credit hours, maximum of 12 credit hours.**Credit hours:** 1-6**Contact hours:** Contact: 1-6 Other: 1-6**Levels:** Graduate**Schedule types:** Independent Study**Department/School:** Chemistry**CHEM 5963 Advanced Inorganic Chemistry****Prerequisites:** CHEM 5263.**Description:** Inorganic reaction mechanisms, catalysis, electronic spectra of complexes, luminescence of inorganic compounds, lanthanide and actinide chemistry, introduction to biological inorganic chemistry. Previously offered as CHEM 5960.**Credit hours:** 3**Contact hours:** Lecture: 3 Contact: 3**Levels:** Graduate**Schedule types:** Lecture**Department/School:** Chemistry**CHEM 6000 Doctoral Dissertation Research****Prerequisites:** MS degree in chemistry or consent of instructor.**Description:** Independent investigation under the direction and supervision of a major professor. Offered for variable credit, 1-15 credit hours, maximum of 60 credit hours.**Credit hours:** 1-15**Contact hours:** Contact: 1-15 Other: 1-15**Levels:** Graduate**Schedule types:** Independent Study**Department/School:** Chemistry**CHEM 6010 Research Seminar****Prerequisites:** Consent of instructor.**Description:** Participation in departmental seminars on current topics in chemistry. One credit hour each fall and spring required for MS and PhD candidates with the exception of the first semester. Offered for variable credit, 1-20 credit hours, maximum of 20 credit hours.**Credit hours:** 1-20**Contact hours:** Contact: 1-20 Other: 1-20**Levels:** Graduate**Schedule types:** Independent Study**Department/School:** Chemistry**CHEM 6011 Advanced Seminar****Prerequisites:** CHEM 5011 or MS degree.**Description:** Preparation and oral presentation of critical reviews on chemical subjects. Usually related to the student's research area. Completion of one credit hour required for the PhD degree.**Credit hours:** 1**Contact hours:** Contact: 1 Other: 1**Levels:** Graduate**Schedule types:** Discussion**Department/School:** Chemistry**CHEM 6050 Special Topics in Analytical Chemistry****Description:** Supervised study of topics and fields not otherwise covered. Offered for variable credit, 1-6 credit hours, maximum of 6 credit hours.**Credit hours:** 1-6**Contact hours:** Contact: 1-6 Other: 1-6**Levels:** Graduate**Schedule types:** Independent Study**Department/School:** Chemistry**CHEM 6103 Electroanalytical Chemistry****Prerequisites:** CHEM 4024.**Description:** The theory, practice and instrumentation in various areas of modern electroanalytical chemistry.**Credit hours:** 3**Contact hours:** Lecture: 3 Contact: 3**Levels:** Graduate**Schedule types:** Lecture**Department/School:** Chemistry**CHEM 6113 Analytical Spectroscopy****Prerequisites:** CHEM 4024.**Description:** Survey of selected topics in analytical applications of spectroscopic techniques. Fundamental concepts as well as current trends in research, including instrumentation.**Credit hours:** 3**Contact hours:** Lecture: 3 Contact: 3**Levels:** Graduate**Schedule types:** Lecture**Department/School:** Chemistry**CHEM 6223 Physical Polymer Science****Prerequisites:** CHEM 5223 or equivalent.**Description:** A study of the physical properties of macromolecular systems including polymer solutions, gels, bulk polymers and rubbers. The characterization of polymers based on their thermal, spectroscopic, microstructure and molecular masses is also discussed.**Credit hours:** 3**Contact hours:** Lecture: 3 Contact: 3**Levels:** Graduate**Schedule types:** Lecture**Department/School:** Chemistry

**CHEM 6303 Physical Organic Chemistry****Prerequisites:** BS/BA in chemistry, CHEM 3153, or equivalent.**Description:** This course is an examination of the methods used in organic chemistry to probe mechanisms and reactive intermediates. Topics will include isotope effects, kinetics, linear free energy relationships, an introduction of orbital symmetry, rearrangements, stereo electronic effects, the generation and chemistry of carbenium ions, carbanions, carbenes, radicals, excited states, and strained molecules.**Credit hours:** 3**Contact hours:** Lecture: 3 Contact: 3**Levels:** Graduate**Schedule types:** Lecture**Department/School:** Chemistry**CHEM 6420 Special Topics in Organic Chemistry****Prerequisites:** CHEM 3153.**Description:** Deals with topics not covered in other courses. Offered for variable credit, 1-9 credit hours, maximum of 9 credit hours.**Credit hours:** 1-9**Contact hours:** Contact: 1-9 Other: 1-9**Levels:** Graduate**Schedule types:** Independent Study**Department/School:** Chemistry**CHEM 6453 Chemical Kinetics****Prerequisites:** CHEM 3553.**Description:** The kinetics of chemical reactions and their theoretical interpretation.**Credit hours:** 3**Contact hours:** Lecture: 3 Contact: 3**Levels:** Graduate**Schedule types:** Lecture**Department/School:** Chemistry**CHEM 6553 Molecular Spectroscopy****Prerequisites:** CHEM 5623.**Description:** Spectra and structure of molecules.**Credit hours:** 3**Contact hours:** Lecture: 3 Contact: 3**Levels:** Graduate**Schedule types:** Lecture**Department/School:** Chemistry**CHEM 6650 Selected Topics in Chemistry****Prerequisites:** Consent of instructor.**Description:** Supervised study of selected topics and fields not otherwise covered. Offered for variable credit, 1-6 credit hours, maximum of 12 credit hours.**Credit hours:** 1-6**Contact hours:** Contact: 1-6 Other: 1-6**Levels:** Graduate**Schedule types:** Independent Study**Department/School:** Chemistry**CHEM 6803 Photonics I: Advanced Optics****Prerequisites:** ECEN 3813 or PHYS 3213, or consent of instructor.**Description:** Advanced optics, including spectral and time characteristics of detectors, characteristics of lasers, time, spectral and spatial parameters of laser emission, interferometric techniques, and nonlinear effects such as two-photon absorption and second and third harmonic generations. Ultra short laser pulses. Same course as ECEN 6803 & PHYS 6803. Offered for fixed credit, maximum of 9 credit hours.**Credit hours:** 3**Contact hours:** Lab: 6 Contact: 6**Levels:** Graduate**Schedule types:** Lab**Department/School:** Chemistry**CHEM 6810 Photonics II: THz photonics and THz time-domain spectroscopy****Prerequisites:** CHEM 6803.**Description:** THz photonics and THz time-domain spectroscopy (THz-TDS). Concepts and techniques of driving electronic circuitry with ultra short laser pulses to generate and detect freely propagating pulses of THz electromagnetic radiation using several operational research systems. Same course as ECEN 6810 & PHYS 6810. Offered for fixed credit, maximum of 4 credit hours.**Credit hours:** 1**Contact hours:** Lab: 2 Contact: 2**Levels:** Graduate**Schedule types:** Lab**Department/School:** Chemistry**CHEM 6811 Photonics II: THz Photonics and THz - TDS****Prerequisites:** CHEM 6803.**Description:** THz photonics and THz time-domain spectroscopy (THz-TDS). Concepts and techniques of driving electronic circuitry with ultrashort laser pulses to generate and detect freely propagating pulses of THz electromagnetic radiation using several operational research systems. Same course as ECEN 6811 and PHYS 6811.**Credit hours:** 1**Contact hours:** Lecture: 1 Contact: 3**Levels:** Graduate**Schedule types:** Lecture**Department/School:** Chemistry**CHEM 6820 Photonics II: Spectroscopy II****Prerequisites:** CHEM 6803.**Description:** Operating principles and applications of laser spectroscopy of atoms, molecules, solids and complex fluids. Absorption, emission, photon correlation, coherence, time resolved Fourier transform. Raman spectroscopy and non-linear optical. Same course as ECEN 6820 & PHYS 6820. Offered for fixed credit, 1 credit hour(s), maximum of 4 credit hours.**Credit hours:** 1**Contact hours:** Lab: 2 Contact: 2**Levels:** Graduate**Schedule types:** Lab**Department/School:** Chemistry

**CHEM 6830 Photonics II: Spectroscopy III****Prerequisites:** CHEM 6803.

**Description:** Advanced spectroscopic instruments and methods used for investigation of semi-conductors and solid state material. Stimulated emission characterized both in wavelength and in time. Time-resolved fluorescence measurements. Multiphotonic excitations. Fast measuring techniques, including subnanosecond detectors, picosecond streak cameras, and ultra fast four-wave mixing and correlation techniques. Time-dependent photoconductivity measurements. Same course as ECEN 6830 & PHYS 6830. Offered for fixed credit, 1 credit hour(s), maximum of 4 credit hours.

**Credit hours:** 1**Contact hours:** Lab: 2 Contact: 2**Levels:** Graduate**Schedule types:** Lab**Department/School:** Chemistry**CHEM 6840 Photonics III: Microscopy II****Prerequisites:** CHEM 3553 or consent of instructor.

**Description:** The structure and imaging of solid surfaces. Basics of scanning probe microscopy (SPM). Contact and noncontact atomic force microscopy (AFM). Scanning tunneling microscopy (STM) in air. Same course as ECEN 6840 & PHYS 6840. Offered for fixed credit, 1 credit hour(s), maximum of 4 credit hours.

**Credit hours:** 1**Contact hours:** Lab: 2 Contact: 2**Levels:** Graduate**Schedule types:** Lab**Department/School:** Chemistry**CHEM 6850 Photonics III: Microscopy II****Prerequisites:** CHEM 3553 or consent of instructor.

**Description:** Advanced techniques of scanning probe microscopy (SPM). Magnetic force microscopy, Kelvin force microscopy, scanning tunneling microscopy (STM) in vacuum. Characterization of materials with SPM. Nanolithography with SPM. Device manufacturing and analysis. Same course as ECEN 6850 & PHYS 6850. Offered for fixed credit, 1 credit hour(s), maximum of 4 credit hours.

**Credit hours:** 1**Contact hours:** Lab: 2 Contact: 2**Levels:** Graduate**Schedule types:** Lab**Department/School:** Chemistry**CHEM 6860 Photonics III: Microscopy III and Image Processing****Prerequisites:** ECEN 5793.

**Description:** Digital image processing, including projects. Image acquisition and display, image enhancement, geometric operations, linear and nonlinear filtering, image restoration, edge detection, image analysis, morphology, segmentation, recognition, and coding/compression. Same course as ECEN 6860 & PHYS 6860. Offered for fixed credit, 1 credit hour(s), maximum of 4 credit hours.

**Credit hours:** 1**Contact hours:** Lab: 2 Contact: 2**Levels:** Graduate**Schedule types:** Lab**Department/School:** Chemistry**CHEM 6870 Photonics IV: Synthesis and Devices I****Prerequisites:** CHEM 6803 and CHEM 6840.

**Description:** Preparation of functional nanostructures and related optical and electronic devices. Physical and chemical methods of thin film deposition. Engineering of prototypes of light emitting diodes, sensors, optical limiting coatings, lithographic patterns. Same course as ECEN 6870 & PHYS 6870. Offered for variable credit, 1 credit hour(s), maximum of 4 credit hours.

**Credit hours:** 1**Contact hours:** Lab: 2 Contact: 2**Levels:** Graduate**Schedule types:** Lab**Department/School:** Chemistry**CHEM 6880 Photonics IV: Semiconductor Devices, Testing and Characterization****Prerequisites:** CHEM 6803.

**Description:** Test and characterization of semiconductor and optoelectronic devices. Hall Effect, four point probe, CV and IV measurements, optical pump-probe, photoluminescence and electro-optics sampling. Same course as ECEN 6880 & PHYS 6880. Offered for fixed credit, 1 credit hour(s), maximum of 4 credit hours.

**Credit hours:** 1**Contact hours:** Lab: 2 Contact: 2**Levels:** Graduate**Schedule types:** Lab**Department/School:** Chemistry**CHEM 6890 Photonics IV: Semiconductor Synthesis and Devices III****Prerequisites:** CHEM 6803.

**Description:** Processing, fabrication and characterization of semiconductor optoelectronic devices in class 100/10000 clean rooms. Clean room operation, including general procedure for material processing and device fabrication. Device processing using a variety of processing such as mask aligner, vacuum evaporators and rapid thermal annealer. Testing using optical and electrical testing apparatus such as I-V, C-V, Hall and optical spectral measurement systems. Same course as ECEN 6890 & PHYS 6890. Offered for variable credit, 1 credit hour(s), maximum of 4 credit hours.

**Credit hours:** 1**Contact hours:** Lab: 2 Contact: 2**Levels:** Graduate**Schedule types:** Lab**Department/School:** Chemistry

## Undergraduate Programs

- Biochemistry, BS (p. 1052)
- Chemistry (Approved by the American Chemical Society), BS (p. 1055)
- Chemistry: Departmental Degree, BS (p. 1058)
- Chemistry: Pre-Health/Pre-Law, BS (p. 1061)
- Chemistry: Secondary Teacher Certification, BS (p. 1064)
- Medicinal and Biophysical Chemistry, BS (p. 1067)

## Graduate Programs

### Prerequisites

Students entering this program should have at least eight semester credit hours (or the equivalent) in general, analytical, organic and

physical chemistry. The physical chemistry should have been based on mathematics through calculus.

**Teaching Assistant Professors:** Tracy Kerr, PhD; Reza Latifi, PhD

## Admission Requirements

For admission, a grade-point average of 3.00 or better is generally required. Deserving applicants with grade-point averages less than 3.00 are occasionally admitted under probationary conditions. Additional support of the application is sought in the form of three letters of recommendation. Graduate Record Examination scores are not required. Recommendations on admission to the Graduate College are made on behalf of the applicant by the departmental admission officer. Acceptance by a permanent advisor is not a prerequisite for admission to the program.

## Degree Requirements

A more detailed description of the graduate study program in chemistry is available in a brochure supplied by the department upon request, or on the Internet at <http://chemistry.okstate.edu>. The requirements set forth below complement the general requirements stated in the "Graduate College (p. 2766)" section of the OSU Catalog. Attendance and participation in the departmental colloquia are required.

## The Master of Science Degree

Students must complete at least 30 credit hours of graduate coursework in chemistry or related fields. Each student must present an acceptable thesis dealing with a research problem and pass a final oral examination covering it and related material. Research on the thesis problem should be started as early as possible in the graduate program.

## The Doctor of Philosophy Degree

Work is offered which leads to the degree with a focus in analytical, biological, environmental, inorganic, materials, medicinal, nanotechnology, organic physical, polymer or theoretical chemistry or chemical education. The student must pass a qualifying examination in his or her field of specialization. An acceptable dissertation must be presented which contains a substantial original contribution to the field of chemistry. The student must pass a final oral examination covering the dissertation and related material. The Doctor of Philosophy degree requires the completion of at least 90 semester credit hours of work beyond the bachelor's degree. The course requirements are determined by the student and his/her advisory committee consistent with departmental requirements.

## Minors

- Chemistry (CHEM), Minor (p. 1070)

## Faculty

Nicholas Materer, PhD—Professor and Chair

**Regents Professors:** K. Darrell Berlin, PhD; Frank D. Blum, PhD (Harrison I. Bartlett Chair); Richard A. Bunce, PhD; Warren T. Ford, PhD (emeritus); Lionel M. Raff, PhD (emeritus); Ziad El Rassi, PhD

**Professors:** Allen W. Apblett, PhD; J. Paul Devlin, PhD (emeritus); John I. Gelder, PhD (emeritus); Barry Lavine, PhD; Smita Mohanty, PhD; Mark G. Rockley, PhD (emeritus); Sheryl Tucker, PhD; Charles S. Weinert, PhD

**Associate Professors:** Christopher Fennell, PhD; Sadagopan Krishnan, PhD; Toby Nelson, PhD; Yolanda Vasquez, PhD; Jimmie Weaver, PhD

**Assistant Professors:** Jeannie Bolliger, PhD; Gabriel Cook, PhD; Martin McCullagh, PhD; Jacinta Mutambuki, PhD; Laleh Tahsini, PhD



# Biochemistry, BS

## Degree Requirements

**Requirements for Students Matriculating in or before Academic Year 2022-2023.** Learn more about University Academic Regulation 3.1 (p. 943).

**Minimum Overall Grade Point Average: 2.00**

**Total Hours: 120**

Code	Title	Hours
<b>General Education Requirements</b>		
<i>English Composition</i>		
See Academic Regulation 3.5 (p. 944)		
ENGL 1113	Composition I	3
or ENGL 1313	Critical Analysis and Writing I	
Select one of the following:		3
ENGL 1213	Composition II	
ENGL 1413	Critical Analysis and Writing II	
ENGL 3323	Technical Writing	
<i>American History &amp; Government</i>		
HIST 1103	Survey of American History	3
or HIST 1483	American History to 1865 (H)	
or HIST 1493	American History Since 1865 (DH)	
POLS 1113	American Government	3
<i>Analytical &amp; Quantitative Thought (A)</i>		
MATH 2144	Calculus I (A) <sup>1</sup>	4
<i>Humanities (H)</i>		
Courses designated (H)		6
<i>Natural Sciences (N)</i>		
Must include one Laboratory Science (L) course		
CHEM 1314	Chemistry I (LN) <sup>1</sup>	4
PHYS 1114	College Physics I (LN) <sup>1</sup>	4
or PHYS 2014	University Physics I (LN)	
<i>Social &amp; Behavioral Sciences (S)</i>		
Course designated (S)		3
<i>Additional General Education</i>		
Courses designated (A), (H), (N), or (S)		7
<b>Hours Subtotal</b>		<b>40</b>
<b>Diversity (D) &amp; International Dimension (I)</b>		
May be completed in any part of the degree plan		
Select at least one Diversity (D) course		
Select at least one International Dimension (I) course		
<b>College/Departmental Requirements</b>		
<i>First Year Seminar</i>		
(Transfer students with 15 hours exempt)		1
<i>Arts &amp; Humanities</i>		
See note 2.a.		3
<i>Natural &amp; Mathematical Sciences</i>		
BIOL 1113	Introductory Biology (N)	4
& BIOL 1111	and Introductory Biology Laboratory (LN)	
or BIOL 1114	Introductory Biology (LN)	
CHEM 1515	Chemistry II (LN)	5

### Foreign Language

See note 3	0
0-6 hours	

### Upper-Division General Education

Select 6 hours outside major department

See note 2.c.

**Hours Subtotal** **13**

### Major Requirements

Minimum GPA 2.00.

BIOC 3713	Biochemistry I	3
BIOC 3723	Biochemistry and Molecular Biology Laboratory	3
BIOC 3813	Biochemistry II	3
BIOC 3223	Physical Chemistry for Biologists	3
or CHEM 3413	Physical Chemistry Applications	
or CHEM 3433	Physical Chemistry I	
BIOC 4883	Senior Seminar in Biochemistry	3
or CHEM 4313	Medicinal Organic Chemistry	
BIOC 4990	Undergraduate Research	2
or CHEM 4990	Special Problems in Chemistry	
or MICR 4990	Special Problems	
BIOL 1604	Animal Biology	4
or PBIOL 1404	Plant Biology (LN)	
BIOL 3023	General Genetics	3
or ANSI 3423	Animal Genetics	
or PLNT 3554	Plant Genetics and Biotechnology	
CHEM 2113	Principles of Analytical Chemistry	3
CHEM 3053	Organic Chemistry I	3
CHEM 3112	Organic Chemistry Laboratory	2
CHEM 3153	Organic Chemistry II	3
MATH 2153	Calculus II (A)	3
or STAT 2013	Elementary Statistics (A)	
or STAT 4013	Statistical Methods I (A)	
MICR 2123	Introduction to Microbiology	3
MICR 2132	Introduction to Microbiology Laboratory	2
PHYS 1214	College Physics II (LN)	4
or PHYS 2114	University Physics II (LN)	
Select at least one of the following:		3
BIOL 3204	Physiology	
BIOL 3214	Human Anatomy	
MICR 3223	Advanced Microbiology	
PBIO 4463	Plant Physiology	

### Additional Requirements

Select 6 hours of the following: **6**

BIOL	
CHEM	
MICR	

With approval from the advisor and department head, maximum of 30 hours of science courses from an accredited doctoral health program may be substituted for major requirements other than BIOC 3713 Biochemistry I, BIOC 3723 Biochemistry and Molecular Biology Laboratory, BIOC 3813 Biochemistry II.

**Hours Subtotal** **56**

<b>Electives</b>	
Select 11 hours	11
May need to include 6 hours of a foreign language (see note 3)	
May need to include 6 hours upper-division general education outside major department (see note 2.c.) and 6 additional upper-division hours	
MATH 1513 and MATH 1813 required for students who do not place directly into MATH 2144.	
<b>Hours Subtotal</b>	<b>11</b>
<b>Total Hours</b>	<b>120</b>

## Other Requirements

- See the College of Arts and Sciences Requirements.
- Minimum GPA 2.00 in all BIOC courses.
- **Upper-Division Credit:** Total hours must include at least 40 hours in courses numbered 3000 or above.
- **Hours in One Department:** For B.A. and B.S. degrees, no more than 54 hours in one department may be applied to degree requirements.

## College of Arts and Sciences Requirements

### 1. General Education Requirements

No more than two courses (or eight hours) from the major department (<http://catalog.okstate.edu/college-arts-sciences-major-departments/>) may be used to meet General Education and College and Departmental Requirements. The General Education required English Composition, required U.S. History, required American Government, one required MATH or STAT course, and required foreign language for B.A. degrees do not count against the two-course maximum.

### 2. A&S College/Departmental Requirements

- Arts and Humanities are defined as any course carrying an (H) designation or courses from AMST, ART, DANC, ENGL (except ENGL 3323 Technical Writing) HIST, MUSI, PHIL (except PHIL 1313 Logic and Critical Thinking (A), PHIL 3003 Symbolic Logic (A) and PHIL 4003 Mathematical Logic and Computability), REL, TH, and foreign languages.
- Natural and Mathematical Sciences are defined as any course from the following prefixes: ASTR, BIOC, BIOL, CHEM, CS (except CS 4883 Social Issues in Computing), GEOL, MATH, MICR, PBIO, PHYS, and STAT; or courses from other departments that carry an (A) or (N) general education designation.
- The required six hours of upper-division General Education may not include courses from the student's major department. This requirement may be satisfied by courses also used to satisfy any part of a student's degree program (i.e., in General Education, College Departmental Requirements, Major Requirements or Electives).
- Non-Western Studies Requirement for B.A. and B.F.A.; One 3-hour course in Non-Western Studies (N.W.). This requirement may be satisfied by courses also used to satisfy any part of a student's degree program (i.e., in General Education, College Departmental Requirements, Major Requirements or Electives).
- The College of Arts & Sciences requires a minimum 2.0 GPA in all major requirements and a minimum 2.0 GPA in all major-prefix courses applied to the degree.

### 3. Foreign Language Proficiency

- The foreign language requirement for the B.A. may be satisfied by 9 hours college credit in the same language, which must include 3 hours at the 2000-level, or equivalent proficiency (e.g., passing an advanced standing examination; TOEFL exam; presenting a high school transcript which demonstrates the high school was primarily conducted in a language other than English; etc.). Computer Science courses may not be used to satisfy this requirement. Currently Arabic and Mvskoke are not offered at the 2000-level at OSU.
- The foreign language requirement for the B.S., B.M. and B.F.A. may be satisfied by presenting a high school transcript which demonstrates two years of study of a single foreign language (passing grades at second-year level of study). It may also be satisfied by 6 hours college credit in the same language, which must include language courses 1713 and 1813, or equivalent proficiency (e.g., passing an advanced standing examination; TOEFL exam; presenting a high school transcript which demonstrates the high school was primarily conducted in a language other than English; etc.). Computer Science courses may not be used to satisfy this requirement.
- In addition to a. and b., students pursuing teacher certification must meet novice-high foreign language proficiency by presenting a high school transcript which demonstrates two years of study of a single foreign language with no grade below B. Or, students may complete 3 hours college credit in a single language with no grade below C (or pass an advanced standing examination, College Level Examination Program (CLEP) exam, or Oral Proficiency Interview developed by the American Council on the Teaching of Foreign Languages, equivalent to 3 hours of college credit.) Or, students may meet the requirement by transfer of documentation of meeting the foreign language competency from one of the teacher education programs in the State of Oklahoma approved by the Oklahoma State Regents for Higher Education.

### 4. Exclusions

- Courses used to satisfy the General Education English Composition, U.S. History, American Government, and Mathematics or Statistics requirements will not count toward the 54-hour maximum allowed from one department.
- Courses with ATHL or LEIS prefixes and leisure activity courses may not be used for degree credit.

## Additional State/OSU Requirements

- At least: 60 hours at a four-year institution; 30 hours completed at OSU; 15 of the final 30 or 50% of the upper-division hours in the major field completed at OSU.
- Limit of: one-half of major course requirements as transfer work; one-fourth of hours earned by correspondence; 8 transfer correspondence hours.
- Students will be held responsible for degree requirements in effect at the time of matriculation and any changes that are made, so long as these changes do not result in semester credit hours being added or do not delay graduation.
- Degrees that follow this plan must be completed by the end of Summer 2028.

## Example Plan of Study Finish in Four Plan of Study

The plan below is an example of how students can successfully complete degree requirements in four years. This suggested class schedule plan may be used as a guide and can be adjusted based on individual needs. Students are required to meet with an academic advisor prior to enrollment each semester to plan their class schedule, and students are ultimately responsible for completing all degree requirements.

Course	Title	Hours
<b>Freshman</b>		
<b>Fall</b>		
CHEM 1314	Chemistry I (LN)	4
MATH 2144	Calculus I (A)	4
General Education courses		7
<b>Hours</b>		<b>15</b>
<b>Spring</b>		
BIOL 1113 & BIOL 1111	Introductory Biology (N) and Introductory Biology Laboratory (LN)	4
CHEM 1515	Chemistry II (LN)	5
STAT 2013 or STAT 4013 or MATH 2153	Elementary Statistics (A) or Statistical Methods I (A) or Calculus II (A)	3
General Education courses		3
<b>Hours</b>		<b>15</b>
<b>Sophomore</b>		
<b>Fall</b>		
BIOL 1604 or PBIO 1404	Animal Biology or Plant Biology (LN)	4
CHEM 3053	Organic Chemistry I	3
MICR 2123	Introduction to Microbiology	3
MICR 2132	Introduction to Microbiology Laboratory	2
General Education courses		3
<b>Hours</b>		<b>15</b>
<b>Spring</b>		
CHEM 3153	Organic Chemistry II	3
CHEM 3112	Organic Chemistry Laboratory	2
PHYS 1114	College Physics I (LN)	4
General Education courses		6
<b>Hours</b>		<b>15</b>
<b>Junior</b>		
<b>Fall</b>		
BIOC 3713	Biochemistry I	3
PHYS 1214	College Physics II (LN)	4
CHEM 2113	Principles of Analytical Chemistry	3
College and Elective courses		5
<b>Hours</b>		<b>15</b>
<b>Spring</b>		
BIOC 3813	Biochemistry II	3
BIOC 3723	Biochemistry and Molecular Biology Laboratory	3
BIOL 3023 or ANSI 3423 or PBIO 4553	General Genetics or Animal Genetics or Molecular Phylogenetic Analysis	3
College and Elective courses		6
<b>Hours</b>		<b>15</b>
<b>Senior</b>		
<b>Fall</b>		
BIOC 3223 or CHEM 3413 or CHEM 3433	Physical Chemistry for Biologists or Physical Chemistry Applications or Physical Chemistry I	3
Major, College, and Elective courses		12
<b>Hours</b>		<b>15</b>

### Spring

BIOC 4883 or MICR 4233 or CHEM 4313	Senior Seminar in Biochemistry or Advanced Cell and Molecular Biology or Medicinal Organic Chemistry	3
Major, College, and Elective courses		12
<b>Hours</b>		<b>15</b>
<b>Total Hours</b>		<b>120</b>

1

Speak with academic advisor about saving General Education electives and Humanities (H) for Upper-division courses with International (I) and Diversity (D) dimensions.

# Chemistry (Approved by the American Chemical Society), BS

## Degree Programs

**Requirements for Students Matriculating in or before Academic Year 2022-2023.** Learn more about University Academic Regulation 3.1 (p. 943).

**Minimum Overall Grade Point Average: 2.00**

**Total Hours: 120**

Code	Title	Hours
<b>General Education Requirements</b>		
<i>English Composition</i>		
See Academic Regulation 3.5 (p. 944)		
ENGL 1113 or ENGL 1313	Composition I Critical Analysis and Writing I	3
ENGL 1213 or ENGL 1413 or ENGL 3323	Composition II Critical Analysis and Writing II Technical Writing	3
<i>American History &amp; Government</i>		
HIST 1103 or HIST 1483 or HIST 1493	Survey of American History American History to 1865 (H) American History Since 1865 (DH)	3
POLS 1113	American Government	3
<i>Analytical &amp; Quantitative Thought (A)</i>		
MATH 2144	Calculus I (A) <sup>1</sup>	4
<i>Humanities (H)</i>		
	Courses designated (H)	6
<i>Natural Sciences (N)</i>		
Must include one Laboratory Science (L) course		
BIOL 1113 & BIOL 1111 or BIOL 1114	Introductory Biology (N) and Introductory Biology Laboratory (LN) <sup>1</sup> Introductory Biology (LN)	4
CHEM 1314	Chemistry I (LN) <sup>1</sup>	4
<i>Social &amp; Behavioral Sciences (S)</i>		
	Course designated (S)	3
<i>Additional General Education</i>		
	Courses designated (A), (H), (N), or (S)	7
<b>Hours Subtotal</b>		<b>40</b>
<b>Diversity (D) &amp; International Dimension (I)</b>		
May be completed in any part of the degree plan		
Select at least one Diversity (D) course		
Select at least one International Dimension (I) course		
<b>College/Departmental Requirements</b>		
<i>First Year Seminar</i>		
	(Transfer students with 15 hours exempt)	1
<i>Arts &amp; Humanities</i>		
	See note 2.a.	3
<i>Natural &amp; Mathematical Sciences</i>		
CHEM 1515	Chemistry II (LN)	5
PHYS 2014	University Physics I (LN)	4
<i>Foreign Language</i>		

See note 3

0-6 hours

*Upper-Division General Education*

Select 6 hours outside major department

See note 2.c.

**Hours Subtotal** **13**

### Major Requirements

Minimum major GPA 2.50. Minimum grade of "C" in each course in Chemistry numbered 2000 or above. Minimum 2.0 GPA in all CHEM courses.

CHEM 2113	Principles of Analytical Chemistry	3
CHEM 2122	Quantitative Analysis Laboratory	2
CHEM 3053	Organic Chemistry I	3
CHEM 3112	Organic Chemistry Laboratory	2
CHEM 3153	Organic Chemistry II	3
CHEM 3353	Descriptive Inorganic Chemistry	3
CHEM 3433	Physical Chemistry I	3
CHEM 3532	Physical Chemistry Laboratory	2
CHEM 3553	Physical Chemistry II	3
CHEM 4022	Modern Methods of Chemical Analysis Laboratory	2
CHEM 4023	Modern Methods of Chemical Analysis	3
CHEM 4322	Advanced Organic Chemistry Laboratory	2
CHEM 4333	Inorganic Chemistry I	3
CHEM 4990	Special Problems in Chemistry (2 hours)	2
BIOC 3653	Survey of Biochemistry	3
MATH 2153	Calculus II (A)	3
MATH 2163	Calculus III	3
MATH 2233	Differential Equations	3
MATH 3013	Linear Algebra (A)	3
PHYS 2114	University Physics II (LN)	4

**Hours Subtotal** **55**

### Electives

Select 12 hours 12

May need to include 6 hours of a foreign language (see note 3)

May need to include 6 hours upper-division general education outside major department (see note 2.c.)

MATH 1513 and MATH 1813 required for students who do not place directly into MATH 2144.

Advanced CHEM and MATH courses recommended.

**Hours Subtotal** **12**

**Total Hours** **120**

1

College and Departmental Requirements that may be used to meet General Education Requirements.

## Other Requirements

- See the College of Arts and Sciences Requirements.
- **Upper-Division Credit:** Total hours must include at least 40 hours in courses numbered 3000 or above.
- **Hours in One Department:** For B.A. and B.S. degrees, no more than 54 hours in one department may be applied to degree requirements.

## College of Arts and Sciences Requirements

### 1. General Education Requirements

No more than two courses (or eight hours) from the major department (<http://catalog.okstate.edu/college-arts-sciences-major-departments/>) may be used to meet General Education and College and Departmental Requirements. The General Education required English Composition, required U.S. History, required American Government, one required MATH or STAT course, and required foreign language for B.A. degrees do not count against the two-course maximum.

### 2. A&S College/Departmental Requirements

- Arts and Humanities are defined as any course carrying an (H) designation or courses from AMST, ART, DANC, ENGL (except ENGL 3323 Technical Writing) HIST, MUSI, PHIL (except PHIL 1313 Logic and Critical Thinking (A), PHIL 3003 Symbolic Logic (A) and PHIL 4003 Mathematical Logic and Computability), REL, TH, and foreign languages.
- Natural and Mathematical Sciences are defined as any course from the following prefixes: ASTR, BIOC, BIOL, CHEM, CS (except CS 4883 Social Issues in Computing), GEOL, MATH, MICR, PBIO, PHYS, and STAT; or courses from other departments that carry an (A) or (N) general education designation.
- The required six hours of upper-division General Education may not include courses from the student's major department. This requirement may be satisfied by courses also used to satisfy any part of a student's degree program (i.e., in General Education, College Departmental Requirements, Major Requirements or Electives).
- Non-Western Studies Requirement for B.A. and B.F.A.; One 3-hour course in Non-Western Studies (N.W.). This requirement may be satisfied by courses also used to satisfy any part of a student's degree program (i.e., in General Education, College Departmental Requirements, Major Requirements or Electives).
- The College of Arts & Sciences requires a minimum 2.0 GPA in all major requirements and a minimum 2.0 GPA in all major-prefix courses applied to the degree.

### 3. Foreign Language Proficiency

- The foreign language requirement for the B.A. may be satisfied by 9 hours college credit in the same language, which must include 3 hours at the 2000-level, or equivalent proficiency (e.g., passing an advanced standing examination; TOEFL exam; presenting a high school transcript which demonstrates the high school was primarily conducted in a language other than English; etc.). Computer Science courses may not be used to satisfy this requirement. Currently Arabic and Mvskoke are not offered at the 2000-level at OSU.
- The foreign language requirement for the B.S., B.M. and B.F.A. may be satisfied by presenting a high school transcript which demonstrates two years of study of a single foreign language (passing grades at second-year level of study). It may also be satisfied by 6 hours college credit in the same language, which must include language courses 1713 and 1813, or equivalent proficiency (e.g., passing an advanced standing examination; TOEFL exam; presenting a high school transcript which demonstrates the high school was primarily conducted in a language other than English; etc.). Computer Science courses may not be used to satisfy this requirement.

- In addition to a. and b., students pursuing teacher certification must meet novice-high foreign language proficiency by presenting a high school transcript which demonstrates two years of study of a single foreign language with no grade below B. Or, students may complete 3 hours college credit in a single language with no grade below C (or pass an advanced standing examination, College Level Examination Program (CLEP) exam, or Oral Proficiency Interview developed by the American Council on the Teaching of Foreign Languages, equivalent to 3 hours of college credit.) Or, students may meet the requirement by transfer of documentation of meeting the foreign language competency from one of the teacher education programs in the State of Oklahoma approved by the Oklahoma State Regents for Higher Education.

### 4. Exclusions

- Courses used to satisfy the General Education English Composition, U.S. History, American Government, and Mathematics or Statistics requirements will not count toward the 54-hour maximum allowed from one department.
- Courses with ATHL or LEIS prefixes and leisure activity courses may not be used for degree credit.

## Additional State/OSU Requirements

- At least: 60 hours at a four-year institution; 30 hours completed at OSU; 15 of the final 30 or 50% of the upper-division hours in the major field completed at OSU.
- Limit of: one-half of major course requirements as transfer work; one-fourth of hours earned by correspondence; 8 transfer correspondence hours.
- Students will be held responsible for degree requirements in effect at the time of matriculation and any changes that are made, so long as these changes do not result in semester credit hours being added or do not delay graduation.
- Degrees that follow this plan must be completed by the end of Summer 2028.

## Example Plan of Study

### Finish in Four Plan of Study

The plan below is an **example** of how students can successfully complete degree requirements in four years. This suggested class schedule plan may be used as a guide and can be adjusted based on individual needs. Students are required to meet with an academic advisor prior to enrollment each semester to plan their class schedule, and students are ultimately responsible for completing all degree requirements.

Course	Title	Hours
<b>Freshman</b>		
<b>Fall</b>		
MATH 2144	Calculus I (A)	4
CHEM 1314	Chemistry I (LN)	4
General Education courses		3
<b>Hours</b>		<b>11</b>
<b>Spring</b>		
CHEM 1515	Chemistry II (LN)	5
MATH 2153	Calculus II (A)	3
BIOL 1113 & BIOL 1111 or BIOL 1114	Introductory Biology (N) or Introductory Biology (LN)	4
General Education courses		3
<b>Hours</b>		<b>15</b>



**Sophomore****Fall**

CHEM 3053	Organic Chemistry I	3
MATH 2163	Calculus III	3
PHYS 2014	University Physics I (LN)	4
General Education and College courses		6
<b>Hours</b>		<b>16</b>

**Spring**

CHEM 3153	Organic Chemistry II	3
CHEM 3112	Organic Chemistry Laboratory	2
MATH 2233	Differential Equations	3
PHYS 2114	University Physics II (LN)	4
General Education and College courses		3
<b>Hours</b>		<b>15</b>

**Junior****Fall**

CHEM 2113	Principles of Analytical Chemistry	3
CHEM 2122	Quantitative Analysis Laboratory	2
CHEM 3433	Physical Chemistry I	3
MATH 3013	Linear Algebra (A)	3
College and Elective courses		6
<b>Hours</b>		<b>17</b>

**Spring**

CHEM 3353	Descriptive Inorganic Chemistry	3
CHEM 3553	Physical Chemistry II	3
CHEM 3532	Physical Chemistry Laboratory	2
BIOC 3653	Survey of Biochemistry	3
College and Elective courses		5
<b>Hours</b>		<b>16</b>

**Senior****Fall**

CHEM 4322	Advanced Organic Chemistry Laboratory	2
CHEM 4333	Inorganic Chemistry I	3
CHEM 4990	Special Problems in Chemistry	1
Elective courses		9
<b>Hours</b>		<b>15</b>

**Spring**

CHEM 4023	Modern Methods of Chemical Analysis	3
CHEM 4022	Modern Methods of Chemical Analysis Laboratory	2
CHEM 4990	Special Problems in Chemistry	1
Elective courses		9
<b>Hours</b>		<b>15</b>
<b>Total Hours</b>		<b>120</b>

## Chemistry: Departmental Degree, BS

### Degree Requirements

**Requirements for Students Matriculating in or before Academic Year 2022-2023.** Learn more about University Academic Regulation 3.1 (p. 943).

**Minimum Overall Grade Point Average:** 2.00

**Total Hours:** 120

Code	Title	Hours
<b>General Education Requirements</b>		
<i>English Composition</i>		
See Academic Regulation 3.5 (p. 944)		
ENGL 1113	Composition I	3
or ENGL 1313	Critical Analysis and Writing I	
Select one of the following:		3
ENGL 1213	Composition II	
ENGL 1413	Critical Analysis and Writing II	
ENGL 3323	Technical Writing	
<i>American History &amp; Government</i>		
HIST 1103	Survey of American History	3
or HIST 1483	American History to 1865 (H)	
or HIST 1493	American History Since 1865 (DH)	
POLS 1113	American Government	3
<i>Analytical &amp; Quantitative Thought (A)</i>		
MATH 2144	Calculus I (A) <sup>1</sup>	4
<i>Humanities (H)</i>		
Courses designated (H)		6
<i>Natural Sciences (N)</i>		
Must include one Laboratory Science (L) course		
BIOL 1113	Introductory Biology (N)	4
& BIOL 1111	and Introductory Biology Laboratory (LN) <sup>1</sup>	
or BIOL 1114	Introductory Biology (LN)	
CHEM 1314	Chemistry I (LN) <sup>1</sup>	4
<i>Social &amp; Behavioral Sciences (S)</i>		
Course designated (S)		3
<i>Additional General Education</i>		
Courses designated (A), (H), (N), or (S)		7
<b>Hours Subtotal</b>		<b>40</b>
<b>Diversity (D) &amp; International Dimension (I)</b>		
May be completed in any part of the degree plan		
Select at least one Diversity (D) course		
Select at least one International Dimension (I) course		
<b>College/Departmental Requirements</b>		
<i>First Year Seminar</i>		
(Transfer students with 15 hours exempt)		1
<i>Arts &amp; Humanities</i>		
See note 2.a.		3
<i>Natural &amp; Mathematical Sciences</i>		
CHEM 1515	Chemistry II (LN)	5
PHYS 2014	University Physics I (LN)	4
<i>Foreign Language</i>		

See note 3

0-6 hours

*Upper-Division General Education*

Select 6 hours outside major department

See note 2.c.

**Hours Subtotal** **13**

**Major Requirements**

Minimum major GPA 2.00.

CHEM 2113	Principles of Analytical Chemistry	3
CHEM 2122	Quantitative Analysis Laboratory	2
CHEM 3053	Organic Chemistry I	3
CHEM 3112	Organic Chemistry Laboratory	2
CHEM 3153	Organic Chemistry II	3
CHEM 3353	Descriptive Inorganic Chemistry	3
CHEM 3433	Physical Chemistry I	3
CHEM 3553	Physical Chemistry II	3
CHEM 4023	Modern Methods of Chemical Analysis	3
CHEM 4333	Inorganic Chemistry I	3

Select one of the following:

CHEM 3532	Physical Chemistry Laboratory	2
CHEM 4022	Modern Methods of Chemical Analysis Laboratory	2
CHEM 4312	Inorganic Chemistry Laboratory	2
CHEM 4322	Advanced Organic Chemistry Laboratory	2
CHEM 4990	Special Problems in Chemistry	2
BIOC 3653	Survey of Biochemistry	3
MATH 2153	Calculus II (A)	3
MATH 2163	Calculus III	3
MATH 2233	Differential Equations	3
PHYS 2114	University Physics II (LN)	4

**Hours Subtotal** **48**

**Electives**

Select 19 hours **19**

May need to include 6 hours of a foreign language. See note 3.

May need to include 6 hours upper-division general education outside major department (see note 2.c.) and 12 additional upper-division hours

MATH 1513 and MATH 1813 required for students who do not place directly into MATH 2144.

**Hours Subtotal** **19**

**Total Hours** **120**

1

College and Departmental Requirements that may be used to meet General Education Requirements.

### Other Requirements

- See the College of Arts and Sciences Requirements.
- Minimum GPA 2.00 in all CHEM courses.
- **Upper-Division Credit:** Total hours must include at least 40 hours in courses numbered 3000 or above.
- **Hours in One Department:** For B.A. and B.S. degrees, no more than 54 hours in one department may be applied to degree requirements.

# College of Arts and Sciences Requirements

## 1. General Education Requirements

No more than two courses (or eight hours) from the major department (<http://catalog.okstate.edu/college-arts-sciences-major-departments/>) may be used to meet General Education and College and Departmental Requirements. The General Education required English Composition, required U.S. History, required American Government, one required MATH or STAT course, and required foreign language for B.A. degrees do not count against the two-course maximum.

## 2. A&S College/Departmental Requirements

- Arts and Humanities are defined as any course carrying an (H) designation or courses from AMST, ART, DANC, ENGL (except ENGL 3323 Technical Writing) HIST, MUSI, PHIL (except PHIL 1313 Logic and Critical Thinking (A), PHIL 3003 Symbolic Logic (A) and PHIL 4003 Mathematical Logic and Computability), REL, TH, and foreign languages.
- Natural and Mathematical Sciences are defined as any course from the following prefixes: ASTR, BIOC, BIOL, CHEM, CS (except CS 4883 Social Issues in Computing), GEOL, MATH, MICR, PBIO, PHYS, and STAT; or courses from other departments that carry an (A) or (N) general education designation.
- The required six hours of upper-division General Education may not include courses from the student's major department. This requirement may be satisfied by courses also used to satisfy any part of a student's degree program (i.e., in General Education, College Departmental Requirements, Major Requirements or Electives).
- Non-Western Studies Requirement for B.A. and B.F.A.; One 3-hour course in Non-Western Studies (N.W.). This requirement may be satisfied by courses also used to satisfy any part of a student's degree program (i.e., in General Education, College Departmental Requirements, Major Requirements or Electives).
- The College of Arts & Sciences requires a minimum 2.0 GPA in all major requirements and a minimum 2.0 GPA in all major-prefix courses applied to the degree.

## 3. Foreign Language Proficiency

- The foreign language requirement for the B.A. may be satisfied by 9 hours college credit in the same language, which must include 3 hours at the 2000-level, or equivalent proficiency (e.g., passing an advanced standing examination; TOEFL exam; presenting a high school transcript which demonstrates the high school was primarily conducted in a language other than English; etc.). Computer Science courses may not be used to satisfy this requirement. Currently Arabic and Mvskoke are not offered at the 2000-level at OSU.
- The foreign language requirement for the B.S., B.M. and B.F.A. may be satisfied by presenting a high school transcript which demonstrates two years of study of a single foreign language (passing grades at second-year level of study). It may also be satisfied by 6 hours college credit in the same language, which must include language courses 1713 and 1813, or equivalent proficiency (e.g., passing an advanced standing examination; TOEFL exam; presenting a high school transcript which demonstrates the high school was primarily conducted in a language other than English; etc.). Computer Science courses may not be used to satisfy this requirement.

- In addition to a. and b., students pursuing teacher certification must meet novice-high foreign language proficiency by presenting a high school transcript which demonstrates two years of study of a single foreign language with no grade below B. Or, students may complete 3 hours college credit in a single language with no grade below C (or pass an advanced standing examination, College Level Examination Program (CLEP) exam, or Oral Proficiency Interview developed by the American Council on the Teaching of Foreign Languages, equivalent to 3 hours of college credit.) Or, students may meet the requirement by transfer of documentation of meeting the foreign language competency from one of the teacher education programs in the State of Oklahoma approved by the Oklahoma State Regents for Higher Education.

## 4. Exclusions

- Courses used to satisfy the General Education English Composition, U.S. History, American Government, and Mathematics or Statistics requirements will not count toward the 54-hour maximum allowed from one department.
- Courses with ATHL or LEIS prefixes and leisure activity courses may not be used for degree credit.

## Additional State/OSU Requirements

- At least: 60 hours at a four-year institution; 30 hours completed at OSU; 15 of the final 30 or 50% of the upper-division hours in the major field completed at OSU.
- Limit of: one-half of major course requirements as transfer work; one-fourth of hours earned by correspondence; 8 transfer correspondence hours.
- Students will be held responsible for degree requirements in effect at the time of matriculation and any changes that are made, so long as these changes do not result in semester credit hours being added or do not delay graduation.
- Degrees that follow this plan must be completed by the end of Summer 2028.

## Example Plan of Study

### Finish in Four Plan of Study

The plan below is an example of how students can successfully complete degree requirements in four years. This suggested class schedule plan may be used as a guide and can be adjusted based on individual needs. Students are required to meet with an academic advisor prior to enrollment each semester to plan their class schedule, and students are ultimately responsible for completing all degree requirements.

Course	Title	Hours
<b>Freshman</b>		
<b>Fall</b>		
MATH 2144	Calculus I (A)	4
CHEM 1314	Chemistry I (LN)	4
General Education courses		6
<b>Hours</b>		<b>14</b>
<b>Spring</b>		
BIOL 1113 & BIOL 1111 or BIOL 1114	Introductory Biology (N) or Introductory Biology (LN)	4
CHEM 1515	Chemistry II (LN)	5
MATH 2153	Calculus II (A)	3
General Education courses		3
<b>Hours</b>		<b>15</b>

**Sophomore****Fall**

CHEM 3053	Organic Chemistry I	3
MATH 2163	Calculus III	3
PHYS 2014	University Physics I (LN)	4
General Education courses		4
<b>Hours</b>		<b>14</b>

**Spring**

CHEM 3153	Organic Chemistry II	3
CHEM 3112	Organic Chemistry Laboratory	2
MATH 2233	Differential Equations	3
PHYS 2114	University Physics II (LN)	4
General Education courses		3
<b>Hours</b>		<b>15</b>

**Junior****Fall**

CHEM 2113	Principles of Analytical Chemistry	3
CHEM 2122	Quantitative Analysis Laboratory	2
CHEM 3433	Physical Chemistry I	3
MATH 3013	Linear Algebra (A)	3
College and Elective courses		5
<b>Hours</b>		<b>16</b>

**Spring**

CHEM 3353	Descriptive Inorganic Chemistry	3
CHEM 3553	Physical Chemistry II	3
College and Elective courses		9
<b>Hours</b>		<b>15</b>

**Senior****Fall**

BIOC 3653	Survey of Biochemistry	3
CHEM 4333	Inorganic Chemistry I	3
College and Elective courses		9
<b>Hours</b>		<b>15</b>

**Spring**

CHEM 4023	Modern Methods of Chemical Analysis	3
CHEM 4022	Modern Methods of Chemical Analysis Laboratory	2
CHEM 4990	Special Problems in Chemistry	2
College and Elective courses		9
<b>Hours</b>		<b>16</b>
<b>Total Hours</b>		<b>120</b>

1

Speak with academic advisor about saving General Education electives and Humanities (H) for Upper-division courses with International (I) and Diversity (D) dimensions.

# Chemistry: Pre-Health/Pre-Law, BS

## Degree Requirements

**Requirements for Students Matriculating in or before Academic Year 2022-2023.** Learn more about University Academic Regulation 3.1 (p. 943).

**Minimum Overall Grade Point Average: 2.00**

**Total Hours: 120**

Code	Title	Hours
<b>General Education Requirements</b>		
<i>English Composition</i>		
See Academic Regulation 3.5 (p. 944)		
ENGL 1113	Composition I	3
or ENGL 1313	Critical Analysis and Writing I	
Select one of the following:		3
ENGL 1213	Composition II	
ENGL 1413	Critical Analysis and Writing II	
ENGL 3323	Technical Writing	
<i>American History &amp; Government</i>		
HIST 1103	Survey of American History	3
or HIST 1483	American History to 1865 (H)	
or HIST 1493	American History Since 1865 (DH)	
POLS 1113	American Government	3
<i>Analytical &amp; Quantitative Thought (A)</i>		
MATH 2144	Calculus I (A) <sup>1</sup>	4
<i>Humanities (H)</i>		
Courses designated (H)		6
<i>Natural Sciences (N)</i>		
Must include one Laboratory Science (L) course		
BIOL 1113	Introductory Biology (N)	4
& BIOL 1111	and Introductory Biology Laboratory (LN) <sup>1</sup>	
or BIOL 1114	Introductory Biology (LN)	
CHEM 1314	Chemistry I (LN) <sup>1</sup>	4
<i>Social &amp; Behavioral Sciences (S)</i>		
Course designated (S)		3
<i>Additional General Education</i>		
Courses designated (A), (H), (N), or (S)		7
<b>Hours Subtotal</b>		<b>40</b>
<b>Diversity (D) &amp; International Dimension (I)</b>		
May be completed in any part of the degree plan		
Select at least one Diversity (D) course		
Select at least one International Dimension (I) course		
<b>College/Departmental Requirements</b>		
<i>First Year Seminar</i>		
(Transfer students with 15 hours exempt)		1
<i>Arts &amp; Humanities</i>		
See note 2.a.		3
<i>Natural &amp; Mathematical Sciences</i>		
CHEM 1515	Chemistry II (LN)	5
PHYS 1114	College Physics I (LN)	4
or PHYS 2014	University Physics I (LN)	

### Foreign Language

See note 3	0
0-6 hours	

### Upper-Division General Education

Select 6 hours outside major department

See note 2.c.

**Hours Subtotal 13**

### Major Requirements

Minimum major GPA 2.00.

CHEM 2113	Principles of Analytical Chemistry	3
CHEM 2122	Quantitative Analysis Laboratory	2
CHEM 3053	Organic Chemistry I	3
CHEM 3112	Organic Chemistry Laboratory	2
CHEM 3153	Organic Chemistry II	3
CHEM 3353	Descriptive Inorganic Chemistry	3
CHEM 3413	Physical Chemistry Applications	3
Select one of the following:		3
CHEM 4023	Modern Methods of Chemical Analysis	
CHEM 4313	Medicinal Organic Chemistry	
CHEM 4333	Inorganic Chemistry I	
CHEM 4990	Special Problems in Chemistry (2 hours)	2
BIOC 3653	Survey of Biochemistry	3
PHYS 1214	College Physics II (LN)	4
or PHYS 2114	University Physics II (LN)	
STAT 2013	Elementary Statistics (A)	3
or STAT 4013	Statistical Methods I (A)	
Select 12 upper-division related hours of the following: <sup>2</sup>		12
Pre-Health: ANSI 3423 or BIOL 3023 and/or BIOL, CHEM, MICR		
Pre-Law: ENGL, LSB, POLS, SOC, and/or SPCH		

**Hours Subtotal 46**

### Electives <sup>2</sup>

Select 21 hours 21

May need to include 6 hours of a foreign language. See note 3.

May need to include 6 hours upper-division general education outside major department (see note 2.c.) and 6 additional upper-division hours.

MATH 1513 and MATH 1813 required for students who do not place directly into MATH 2144.

Additional requirements for professional school admission exist. View Admission Requirement Sheets at <http://prehealth.okstate.edu>.

### Important Gateway Courses

Pre-Health:	
BIOL 1604	Animal Biology
MICR 2123	Introduction to Microbiology
MICR 2132	Introduction to Microbiology Laboratory
Pre-Law:	
PHIL 1313	Logic and Critical Thinking (A)

**Hours Subtotal 21**

**Total Hours 120**

1

College and Departmental Requirements that may be used to meet General Education Requirements.

2

With approval from advisor and department head, a maximum of 30 hours from an accredited doctoral health or law program may be used among upper-division related hours and electives.

## Other Requirements

- See the College of Arts and Sciences Requirements.
- Minimum GPA 2.00 in all CHEM courses.
- **Upper-Division Credit:** Total hours must include at least 40 hours in courses numbered 3000 or above.
- **Hours in One Department:** For B.A. and B.S. degrees, no more than 54 hours in one department may be applied to degree requirements.

## College of Arts and Sciences Requirements

### 1. General Education Requirements

No more than two courses (or eight hours) from the major department (<http://catalog.okstate.edu/college-arts-sciences-major-departments/>) may be used to meet General Education and College and Departmental Requirements. The General Education required English Composition, required U.S. History, required American Government, one required MATH or STAT course, and required foreign language for B.A. degrees do not count against the two-course maximum.

### 2. A&S College/Departmental Requirements

- a. Arts and Humanities are defined as any course carrying an (H) designation or courses from AMST, ART, DANC, ENGL (except ENGL 3323 Technical Writing) HIST, MUSI, PHIL (except PHIL 1313 Logic and Critical Thinking (A), PHIL 3003 Symbolic Logic (A) and PHIL 4003 Mathematical Logic and Computability), REL, TH, and foreign languages.
- b. Natural and Mathematical Sciences are defined as any course from the following prefixes: ASTR, BIOC, BIOL, CHEM, CS (except CS 4883 Social Issues in Computing), GEOL, MATH, MICR, PBIO, PHYS, and STAT; or courses from other departments that carry an (A) or (N) general education designation.
- c. The required six hours of upper-division General Education may not include courses from the student's major department. This requirement may be satisfied by courses also used to satisfy any part of a student's degree program (i.e., in General Education, College Departmental Requirements, Major Requirements or Electives).
- d. Non-Western Studies Requirement for B.A. and B.F.A.; One 3-hour course in Non-Western Studies (N.W.). This requirement may be satisfied by courses also used to satisfy any part of a student's degree program (i.e., in General Education, College Departmental Requirements, Major Requirements or Electives).
- e. The College of Arts & Sciences requires a minimum 2.0 GPA in all major requirements and a minimum 2.0 GPA in all major-prefix courses applied to the degree.

### 3. Foreign Language Proficiency

- a. The foreign language requirement for the B.A. may be satisfied by 9 hours college credit in the same language, which must include 3 hours at the 2000-level, or equivalent proficiency (e.g., passing

an advanced standing examination; TOEFL exam; presenting a high school transcript which demonstrates the high school was primarily conducted in a language other than English; etc.). Computer Science courses may not be used to satisfy this requirement. Currently Arabic and Mvskoke are not offered at the 2000-level at OSU.

- b. The foreign language requirement for the B.S., B.M. and B.F.A. may be satisfied by presenting a high school transcript which demonstrates two years of study of a single foreign language (passing grades at second-year level of study). It may also be satisfied by 6 hours college credit in the same language, which must include language courses 1713 and 1813, or equivalent proficiency (e.g., passing an advanced standing examination; TOEFL exam; presenting a high school transcript which demonstrates the high school was primarily conducted in a language other than English; etc.). Computer Science courses may not be used to satisfy this requirement.
  - c. In addition to a. and b., students pursuing teacher certification must meet novice-high foreign language proficiency by presenting a high school transcript which demonstrates two years of study of a single foreign language with no grade below B. Or, students may complete 3 hours college credit in a single language with no grade below C (or pass an advanced standing examination, College Level Examination Program (CLEP) exam, or Oral Proficiency Interview developed by the American Council on the Teaching of Foreign Languages, equivalent to 3 hours of college credit.) Or, students may meet the requirement by transfer of documentation of meeting the foreign language competency from one of the teacher education programs in the State of Oklahoma approved by the Oklahoma State Regents for Higher Education.
- ### 4. Exclusions
- a. Courses used to satisfy the General Education English Composition, U.S. History, American Government, and Mathematics or Statistics requirements will not count toward the 54-hour maximum allowed from one department.
  - b. Courses with ATHL or LEIS prefixes and leisure activity courses may not be used for degree credit.

## Additional State/OSU Requirements

- At least: 60 hours at a four-year institution; 30 hours completed at OSU; 15 of the final 30 or 50% of the upper-division hours in the major field completed at OSU.
- Limit of: one-half of major course requirements as transfer work; one-fourth of hours earned by correspondence; 8 transfer correspondence hours.
- Students will be held responsible for degree requirements in effect at the time of matriculation and any changes that are made, so long as these changes do not result in semester credit hours being added or do not delay graduation.
- Degrees that follow this plan must be completed by the end of Summer 2028.

## Example Plan of Study

### Finish in Four Plan of Study

The plan below is an **example** of how students can successfully complete degree requirements in four years. This suggested class schedule plan may be used as a guide and can be adjusted based on individual needs. Students are required to meet with an academic advisor prior to



enrollment each semester to plan their class schedule, and students are ultimately responsible for completing all degree requirements.

Course	Title	Hours
<b>Freshman</b>		
<b>Fall</b>		
MATH 2144	Calculus I (A)	4
CHEM 1314	Chemistry I (LN)	4
General Education courses		7
<b>Hours</b>		<b>15</b>
<b>Spring</b>		
BIOL 1113 & BIOL 1111	Introductory Biology (N) and Introductory Biology Laboratory (LN)	4
CHEM 1515	Chemistry II (LN)	5
General Education courses		6
<b>Hours</b>		<b>15</b>
<b>Sophomore</b>		
<b>Fall</b>		
CHEM 3053	Organic Chemistry I	3
Major, College, and Elective courses		12
<b>Hours</b>		<b>15</b>
<b>Spring</b>		
CHEM 3153	Organic Chemistry II	3
CHEM 3112	Organic Chemistry Laboratory	2
PHYS 1114 or PHYS 2014	College Physics I (LN) or University Physics I (LN)	4
Major, College, and Elective courses		6
<b>Hours</b>		<b>15</b>
<b>Junior</b>		
<b>Fall</b>		
BIOC 3653	Survey of Biochemistry	3
CHEM 2113	Principles of Analytical Chemistry	3
CHEM 4990	Special Problems in Chemistry	1
PHYS 1214 or PHYS 2114	College Physics II (LN) or University Physics II (LN)	4
Major, College, and Elective courses		4
<b>Hours</b>		<b>15</b>
<b>Spring</b>		
CHEM 3353	Descriptive Inorganic Chemistry	3
CHEM 4990	Special Problems in Chemistry	1
Major, College, and Elective courses		11
<b>Hours</b>		<b>15</b>
<b>Senior</b>		
<b>Fall</b>		
STAT 4013 or STAT 2013	Statistical Methods I (A) or Elementary Statistics (A)	3
Major and Elective courses		12
<b>Hours</b>		<b>15</b>
<b>Spring</b>		
CHEM 3413	Physical Chemistry Applications	3
Major and Elective courses		12
<b>Hours</b>		<b>15</b>
<b>Total Hours</b>		<b>120</b>

# Chemistry: Secondary Teacher Certification, BS

## Degree Requirements

**Requirements for Students Matriculating in or before Academic Year 2022-2023.** Learn more about University Academic Regulation 3.1 (p. 943).

**Minimum Overall Grade Point Average: 2.50**

**Total Hours: 120**

Code	Title	Hours
<b>General Education Requirements</b>		
<i>English Composition</i>		
See Academic Regulation 3.5 (p. 944)		
ENGL 1113 or ENGL 1313	Composition I Critical Analysis and Writing I	3
Select one of the following:		3
ENGL 1213	Composition II	
ENGL 1413	Critical Analysis and Writing II	
ENGL 3323	Technical Writing	
<i>American History &amp; Government</i>		
HIST 1103 or HIST 1483 or HIST 1493	Survey of American History American History to 1865 (H) American History Since 1865 (DH)	3
POLS 1113	American Government	3
<i>Analytical &amp; Quantitative Thought (A)</i>		
MATH 2144	Calculus I (A) <sup>1,2</sup>	4
MATH 2153	Calculus II (A)	3
<i>Humanities (H)</i>		
PHIL 3933	Creation and Evolution <sup>1</sup>	3
Course designated (H)		3
<i>Natural Sciences (N)</i>		
Must include one Laboratory Science (L) course		
BIOL 1113 & BIOL 1111 or BIOL 1114	Introductory Biology (N) and Introductory Biology Laboratory (LN) <sup>1,2</sup> Introductory Biology (LN)	4
CHEM 1314	Chemistry I (LN) <sup>1,2</sup>	4
PHYS 2014 or PHYS 1114	University Physics I (LN) <sup>1,2</sup> College Physics I (LN)	4
<i>Social &amp; Behavioral Sciences (S)</i>		
Course designated (S)		3
<i>Additional General Education</i>		
<b>Hours Subtotal</b>		<b>40</b>
<b>Diversity (D) &amp; International Dimension (I)</b>		
May be completed in any part of the degree plan		
Select at least one Diversity (D) course (SPED 3202)		
Select at least one International Dimension (I) course		
<b>College/Departmental Requirements</b>		
<i>First Year Seminar</i>		
(Transfer students with 15 hours exempt)		1
<i>Arts &amp; Humanities</i>		

See note 2.a.		3
<i>Natural &amp; Mathematical Sciences</i>		
CHEM 1515	Chemistry II (LN) <sup>2</sup>	5
PHYS 2114 or PHYS 1214	University Physics II (LN) <sup>2</sup> College Physics II (LN)	4
<i>Foreign Language</i>		
See note 3		
0-6 hours		
<i>Upper-Division General Education</i>		
Select 6 hours outside major department		
See note 2.c.		
<b>Hours Subtotal</b>		<b>13</b>
<b>Major Requirements</b>		
<i>Chemistry Core</i>		
Minimum GPA 2.50 and minimum grade of "C" or "P" in Chemistry Core		
CHEM 2113	Principles of Analytical Chemistry	3
CHEM 2122	Quantitative Analysis Laboratory	2
CHEM 3053	Organic Chemistry I	3
CHEM 3112	Organic Chemistry Laboratory	2
CHEM 3153	Organic Chemistry II	3
CHEM 3353	Descriptive Inorganic Chemistry	3
CHEM 3413	Physical Chemistry Applications	3
CHEM 4990	Special Problems in Chemistry	2
BIOC 3653	Survey of Biochemistry	3
STAT 2013 or STAT 4013	Elementary Statistics (A) Statistical Methods I (A)	3
<i>Secondary Education Professional Core</i>		
Minimum GPA 2.50 and minimum grade of "C" or "P" in each course		
SMED 1012	Inquiry Approaches to Teaching	2
SMED 3013	Knowing and Learning in Mathematics and Science	3
SMED 4013	Classroom Interactions	3
SMED 4023	Problem-Based Learning in Mathematics and Science	3
SMED 4611	Authentic Research in the Science Classroom	1
SMED 4613	Teaching the Nature of Science Through an Inquiry Approach <sup>3</sup>	3
SMED 4713	Teaching and Learning Science in the Secondary School <sup>3</sup>	3
SMED 4723	Senior Seminar in Secondary Mathematics and Science Education <sup>3</sup>	3
SPED 3202	Educating Exceptional Learners (D)	2
CIED 4720	Internship in the Secondary Classroom (6 hours) <sup>3</sup>	6
<b>Hours Subtotal</b>		<b>56</b>
<b>Electives</b>		
Select 11 hours		11
May need to include 6 hours of a foreign language. See note 3		
MATH 1513 and MATH 1813 required for students who do not place directly into MATH 2144.		

<b>Hours Subtotal</b>	<b>11</b>
<b>Total Hours</b>	<b>120</b>

1

College and Departmental Requirements that may be used to meet General Education Requirements.

2

Minimum GPA 2.50 and minimum grade of "C" or "P"

3

Full admission to Professional Education required.

## Other Requirements

- See the College of Arts and Sciences Requirements.
- **Upper-Division Credit:** Total hours must include at least 40 hours in courses numbered 3000 or above.
- **Hours in One Department:** For B.A. and B.S. degrees, no more than 54 hours in one department may be applied to degree requirements.

## College of Arts and Sciences Requirements

### 1. General Education Requirements

No more than two courses (or eight hours) from the major department (<http://catalog.okstate.edu/college-arts-sciences-major-departments/>) may be used to meet General Education and College and Departmental Requirements. The General Education required English Composition, required U.S. History, required American Government, one required MATH or STAT course, and required foreign language for B.A. degrees do not count against the two-course maximum.

### 2. A&S College/Departmental Requirements

- Arts and Humanities are defined as any course carrying an (H) designation or courses from AMST, ART, DANC, ENGL (except ENGL 3323 Technical Writing) HIST, MUSI, PHIL (except PHIL 1313 Logic and Critical Thinking (A), PHIL 3003 Symbolic Logic (A) and PHIL 4003 Mathematical Logic and Computability), REL, TH, and foreign languages.
- Natural and Mathematical Sciences are defined as any course from the following prefixes: ASTR, BIOC, BIOL, CHEM, CS (except CS 4883 Social Issues in Computing), GEOL, MATH, MICR, PBIO, PHYS, and STAT; or courses from other departments that carry an (A) or (N) general education designation.
- The required six hours of upper-division General Education may not include courses from the student's major department. This requirement may be satisfied by courses also used to satisfy any part of a student's degree program (i.e., in General Education, College Departmental Requirements, Major Requirements or Electives).
- Non-Western Studies Requirement for B.A. and B.F.A.; One 3-hour course in Non-Western Studies (N.W.). This requirement may be satisfied by courses also used to satisfy any part of a student's degree program (i.e., in General Education, College Departmental Requirements, Major Requirements or Electives).
- The College of Arts & Sciences requires a minimum 2.0 GPA in all major requirements and a minimum 2.0 GPA in all major-prefix courses applied to the degree.

### 3. Foreign Language Proficiency

- The foreign language requirement for the B.A. may be satisfied by 9 hours college credit in the same language, which must include 3 hours at the 2000-level, or equivalent proficiency (e.g., passing an advanced standing examination; TOEFL exam; presenting a high school transcript which demonstrates the high school was primarily conducted in a language other than English; etc.). Computer Science courses may not be used to satisfy this requirement. Currently Arabic and Mvskoke are not offered at the 2000-level at OSU.
- The foreign language requirement for the B.S., B.M. and B.F.A. may be satisfied by presenting a high school transcript which demonstrates two years of study of a single foreign language (passing grades at second-year level of study). It may also be satisfied by 6 hours college credit in the same language, which must include language courses 1713 and 1813, or equivalent proficiency (e.g., passing an advanced standing examination; TOEFL exam; presenting a high school transcript which demonstrates the high school was primarily conducted in a language other than English; etc.). Computer Science courses may not be used to satisfy this requirement.
- In addition to a. and b., students pursuing teacher certification must meet novice-high foreign language proficiency by presenting a high school transcript which demonstrates two years of study of a single foreign language with no grade below B. Or, students may complete 3 hours college credit in a single language with no grade below C (or pass an advanced standing examination, College Level Examination Program (CLEP) exam, or Oral Proficiency Interview developed by the American Council on the Teaching of Foreign Languages, equivalent to 3 hours of college credit.) Or, students may meet the requirement by transfer of documentation of meeting the foreign language competency from one of the teacher education programs in the State of Oklahoma approved by the Oklahoma State Regents for Higher Education.

### 4. Exclusions

- Courses used to satisfy the General Education English Composition, U.S. History, American Government, and Mathematics or Statistics requirements will not count toward the 54-hour maximum allowed from one department.
- Courses with ATHL or LEIS prefixes and leisure activity courses may not be used for degree credit.

## Additional State/OSU Requirements

- At least: 60 hours at a four-year institution; 30 hours completed at OSU; 15 of the final 30 or 50% of the upper-division hours in the major field completed at OSU.
- Limit of: one-half of major course requirements as transfer work; one-fourth of hours earned by correspondence; 8 transfer correspondence hours.
- Students will be held responsible for degree requirements in effect at the time of matriculation and any changes that are made, so long as these changes do not result in semester credit hours being added or do not delay graduation.
- Degrees that follow this plan must be completed by the end of Summer 2028.

## Example Plan of Study

### Finish in Four Plan of Study

The plan below is an **example** of how students can successfully complete degree requirements in four years. This suggested class schedule plan may be used as a guide and can be adjusted based on individual needs. Students are required to meet with an academic advisor prior to enrollment each semester to plan their class schedule, and students are ultimately responsible for completing all degree requirements.

Course	Title	Hours
<b>Freshman</b>		
<b>Fall</b>		
MATH 2144	Calculus I (A)	4
CHEM 1314	Chemistry I (LN)	4
SMED 1012	Inquiry Approaches to Teaching	2
General Education courses		5
<b>Hours</b>		<b>15</b>
<b>Spring</b>		
BIOL 1113 & BIOL 1111	Introductory Biology (N) and Introductory Biology Laboratory (LN)	4
CHEM 1515	Chemistry II (LN)	5
MATH 2153	Calculus II (A)	3
General Education courses		4
<b>Hours</b>		<b>16</b>
<b>Sophomore</b>		
<b>Fall</b>		
CHEM 2113	Principles of Analytical Chemistry	3
CHEM 2122	Quantitative Analysis Laboratory	2
CHEM 3053	Organic Chemistry I	3
PHYS 1114 or PHYS 2014	College Physics I (LN) or University Physics I (LN)	4
Major, College, and Elective courses		4
<b>Hours</b>		<b>16</b>
<b>Spring</b>		
CHEM 3153	Organic Chemistry II	3
CHEM 3112	Organic Chemistry Laboratory	2
SMED 3013	Knowing and Learning in Mathematics and Science	3
General Education and College courses		8
<b>Hours</b>		<b>16</b>
<b>Junior</b>		
<b>Fall</b>		
PHYS 1214 or PHYS 2114	College Physics II (LN) or University Physics II (LN)	4
SPED 3202	Educating Exceptional Learners (D)	2
SMED 4013	Classroom Interactions	3
Major, College, and Elective courses		7
<b>Hours</b>		<b>16</b>
<b>Spring</b>		
CHEM 3353	Descriptive Inorganic Chemistry	3
CHEM 3413	Physical Chemistry Applications	3
CHEM 4990	Special Problems in Chemistry	1
SMED 4611	Authentic Research in the Science Classroom	1
SMED 4613	Teaching the Nature of Science Through an Inquiry Approach	3
Major, College, and Elective courses		5
<b>Hours</b>		<b>16</b>
<b>Senior</b>		
<b>Fall</b>		
BIOC 3653	Survey of Biochemistry	3
CHEM 4990	Special Problems in Chemistry	1
PHIL 3933	Creation and Evolution	3
SMED 4023	Problem-Based Learning in Mathematics and Science	3
SMED 4713	Teaching and Learning Science in the Secondary School	3

College and Elective courses		3
<b>Hours</b>		<b>16</b>
<b>Spring</b>		
CIED 4720	Internship in the Secondary Classroom	6
SMED 4723	Senior Seminar in Secondary Mathematics and Science Education	3
<b>Hours</b>		<b>9</b>
<b>Total Hours</b>		<b>120</b>

# Medicinal and Biophysical Chemistry, BS

## Degree Requirements

**Requirements for Students Matriculating in or before Academic Year 2022-2023.** Learn more about University Academic Regulation 3.1 (p. 943).

**Minimum Overall Grade Point Average: 2.00**

**Total Hours: 120**

Code	Title	Hours
<b>General Education Requirements</b>		
<i>English Composition</i>		
See Academic Regulation 3.5 (p. 944)		
ENGL 1113	Composition I	3
or ENGL 1313	Critical Analysis and Writing I	
ENGL 1213	Composition II	3
or ENGL 1413	Critical Analysis and Writing II	
or ENGL 3323	Technical Writing	
<i>American History &amp; Government</i>		
HIST 1103	Survey of American History	3
or HIST 1483	American History to 1865 (H)	
or HIST 1493	American History Since 1865 (DH)	
POLS 1113	American Government	3
<i>Analytical &amp; Quantitative Thought (A)</i>		
MATH 2144	Calculus I (A) <sup>1</sup>	4
<i>Humanities (H)</i>		
Courses designated (H)		6
<i>Natural Sciences (N)</i>		
Must include one Laboratory Science (L) course.		
BIOL 1113	Introductory Biology (N)	4
& BIOL 1111	and Introductory Biology Laboratory (LN) <sup>1</sup>	
or BIOL 1114	Introductory Biology (LN)	
CHEM 1314	Chemistry I (LN) <sup>1</sup>	4
<i>Social &amp; Behavioral Sciences (S)</i>		
Course designated (S)		3
<i>Additional General Education</i>		
Courses designated (A), (H), (N), or (S)		7
<b>Subtotal Hours</b>		<b>40</b>
<b>Diversity (D) &amp; International Dimension (I)</b>		
May be completed in any part of the degree plan.		
At least one Diversity (D) course		
At least one International Dimension (I) course		
<b>College/Departmental Requirements</b>		
<i>First Year Seminar</i>		
(Transfer students with 15 hours exempt)		1
<i>Arts &amp; Humanities</i>		
(See note 2.a.)		3
<i>Natural &amp; Mathematical Sciences</i>		
CHEM 1515	Chemistry II (LN)	5
PHYS 2014	University Physics I (LN)	4
or PHYS 1114	College Physics I (LN)	

### Foreign Languages

(See note 3.)

0-6 hours

### Upper-Division General Education

6 hours outside major department

(See note 2.c.)

**Subtotal Hours** **13**

### Major Requirements

Minimum major GPA 2.00.

CHEM 2113	Principles of Analytical Chemistry	3
CHEM 2122	Quantitative Analysis Laboratory	2
CHEM 3053	Organic Chemistry I	3
CHEM 3112	Organic Chemistry Laboratory	2
CHEM 3153	Organic Chemistry II	3
CHEM 3363	Bioinorganic Chemistry	3
or CHEM 3353	Descriptive Inorganic Chemistry	
CHEM 3413	Physical Chemistry Applications	3
or CHEM 3433	Physical Chemistry I	
or BIOC 3223	Physical Chemistry for Biologists	
CHEM 4023	Modern Methods of Chemical Analysis	3
CHEM 4022	Modern Methods of Chemical Analysis Laboratory	2
CHEM 4123	Biomolecular Chemistry and Function	3
CHEM 4313	Medicinal Organic Chemistry	3
CHEM 4990	Special Problems in Chemistry	2
BIOL 1604	Animal Biology	4
or PBIOL 1404	Plant Biology (LN)	
BIOL 3023	General Genetics	3
MATH 2153	Calculus II (A)	3
or STAT 2013	Elementary Statistics (A)	
or STAT 4013	Statistical Methods I (A)	
MICR 2123	Introduction to Microbiology	3
MICR 2132	Introduction to Microbiology Laboratory	2
MICR 3223	Advanced Microbiology	3
or BIOC 3653	Survey of Biochemistry	
PHYS 2114	University Physics II (LN)	4
or PHYS 1214	College Physics II (LN)	

**Subtotal Hours** **54**

### Electives

May need to include 6 hours of a foreign language (see note 3.).

May need to include 6 hours upper-division general education major department (see note 2.c.) and 12 additional upper-division hours.

MATH 1513 and MATH 1813 required for students who do not place directly into MATH 2144.

### Suggested courses:

BIOL 3214	Human Anatomy
BIOL 3204	Physiology
MICR 3033	Cell and Molecular Biology
MICR 3253	Immunology
PSYC 1113	Introductory Psychology (S)
or SOC 1113	Introductory Sociology (S)

<b>Subtotal Hours</b>	<b>13</b>
<b>Total Hours</b>	<b>120</b>

1

College and Departmental Requirements that may be used to meet General Education Requirements.

## Other Requirements:

- See the College of Arts and Sciences Requirements.
- Minimum 2.00 GPA in all CHEM courses.
- **Upper-Division Credit:** Total hours must include at least 40 hours in courses numbered 3000 or above.
- **Hours in One Department:** For B.A. and B.S. degrees, no more than 54 hours in one department may be applied to degree requirements.

## College of Arts and Sciences Requirements

### 1. General Education Requirements

No more than two courses (or eight hours) from the major department (<http://catalog.okstate.edu/college-arts-sciences-major-departments/>) may be used to meet General Education and College and Departmental Requirements. The General Education required English Composition, required U.S. History, required American Government, one required MATH or STAT course, and required foreign language for B.A. degrees do not count against the two-course maximum.

### 2. A&S College/Departmental Requirements

- Arts and Humanities are defined as any course carrying an (H) designation or courses from AMST, ART, DANC, ENGL (except ENGL 3323 Technical Writing) HIST, MUSI, PHIL (except PHIL 1313 Logic and Critical Thinking (A), PHIL 3003 Symbolic Logic (A) and PHIL 4003 Mathematical Logic and Computability), REL, TH, and foreign languages.
- Natural and Mathematical Sciences are defined as any course from the following prefixes: ASTR, BIOC, BIOL, CHEM, CS (except CS 4883 Social Issues in Computing), GEOL, MATH, MICR, PBIO, PHYS, and STAT; or courses from other departments that carry an (A) or (N) general education designation.
- The required six hours of upper-division General Education may not include courses from the student's major department. This requirement may be satisfied by courses also used to satisfy any part of a student's degree program (i.e., in General Education, College Departmental Requirements, Major Requirements or Electives).
- Non-Western Studies Requirement for B.A. and B.F.A.; One 3-hour course in Non-Western Studies (N.W.). This requirement may be satisfied by courses also used to satisfy any part of a student's degree program (i.e., in General Education, College Departmental Requirements, Major Requirements or Electives).
- The College of Arts & Sciences requires a minimum 2.0 GPA in all major requirements and a minimum 2.0 GPA in all major-prefix courses applied to the degree.

### 3. Foreign Language Proficiency

- The foreign language requirement for the B.A. may be satisfied by 9 hours college credit in the same language, which must include 3 hours at the 2000-level, or equivalent proficiency (e.g., passing an advanced standing examination; TOEFL exam; presenting a high school transcript which demonstrates the high school

was primarily conducted in a language other than English; etc.). Computer Science courses may not be used to satisfy this requirement. Currently Arabic and Mvskoke are not offered at the 2000-level at OSU.

- The foreign language requirement for the B.S., B.M. and B.F.A. may be satisfied by presenting a high school transcript which demonstrates two years of study of a single foreign language (passing grades at second-year level of study). It may also be satisfied by 6 hours college credit in the same language, which must include language courses 1713 and 1813, or equivalent proficiency (e.g., passing an advanced standing examination; TOEFL exam; presenting a high school transcript which demonstrates the high school was primarily conducted in a language other than English; etc.). Computer Science courses may not be used to satisfy this requirement.
  - In addition to a. and b., students pursuing teacher certification must meet novice-high foreign language proficiency by presenting a high school transcript which demonstrates two years of study of a single foreign language with no grade below B. Or, students may complete 3 hours college credit in a single language with no grade below C (or pass an advanced standing examination, College Level Examination Program (CLEP) exam, or Oral Proficiency Interview developed by the American Council on the Teaching of Foreign Languages, equivalent to 3 hours of college credit.) Or, students may meet the requirement by transfer of documentation of meeting the foreign language competency from one of the teacher education programs in the State of Oklahoma approved by the Oklahoma State Regents for Higher Education.
- ### 4. Exclusions
- Courses used to satisfy the General Education English Composition, U.S. History, American Government, and Mathematics or Statistics requirements will not count toward the 54-hour maximum allowed from one department.
  - Courses with ATHL or LEIS prefixes and leisure activity courses may not be used for degree credit.

## Additional State/OSU Requirements

- At least: 60 hours at a four-year institution; 30 hours completed at OSU; 15 of the final 30 or 50% of the upper-division hours in the major field completed at OSU.
- Limit of: one-half of major course requirements as transfer work; one-fourth of hours earned by correspondence; 8 transfer correspondence hours.
- Students will be held responsible for degree requirements in effect at the time of matriculation and any changes that are made, so long as these changes do not result in semester credit hours being added or do not delay graduation.
- Degrees that follow this plan must be completed by the end of Summer 2028.

## Example Plan of Study

### Finish in Four Plan of Study

The plan below is an example of how students can successfully complete degree requirements in four years. This suggested class schedule plan may be used as a guide and can be adjusted based on individual needs. Students are required to meet with an academic advisor prior to



enrollment each semester to plan their class schedule, and students are ultimately responsible for completing all degree requirements.

Course	Title	Hours
<b>Freshman</b>		
<b>Fall</b>		
MATH 2144	Calculus I (A)	4
CHEM 1314	Chemistry I (LN)	4
General Education and College courses		7
<b>Hours</b>		<b>15</b>
<b>Spring</b>		
BIOL 1113	Introductory Biology (N)	4
& BIOL 1111	and Introductory Biology Laboratory (LN)	
CHEM 1515	Chemistry II (LN)	5
MATH 2153	Calculus II (A)	3
or STAT 2013	or Elementary Statistics (A)	
or STAT 4013	or Statistical Methods I (A)	
General Education courses		3
<b>Hours</b>		<b>15</b>
<b>Sophomore</b>		
<b>Fall</b>		
CHEM 3053	Organic Chemistry I	3
BIOL 1604	Animal Biology	4
or PBIO 1404	or Plant Biology (LN)	
MICR 2123	Introduction to Microbiology	3
MICR 2132	Introduction to Microbiology Laboratory	2
General Education courses		3
<b>Hours</b>		<b>15</b>
<b>Spring</b>		
CHEM 3153	Organic Chemistry II	3
CHEM 3112	Organic Chemistry Laboratory	2
PHYS 1114	College Physics I (LN)	4
or PHYS 2014	or University Physics I (LN)	
General Education and College courses		6
<b>Hours</b>		<b>15</b>
<b>Junior</b>		
<b>Fall</b>		
CHEM 2113	Principles of Analytical Chemistry	3
CHEM 2122	Quantitative Analysis Laboratory	2
BIOC 3653	Survey of Biochemistry	3
or MICR 3223	or Advanced Microbiology	
PHYS 1214	College Physics II (LN)	4
or PHYS 2114	or University Physics II (LN)	
College and Elective courses		3
<b>Hours</b>		<b>15</b>
<b>Spring</b>		
CHEM 3363	Bioinorganic Chemistry (every other year)	3
or CHEM 3353	or Descriptive Inorganic Chemistry	
CHEM 3413	Physical Chemistry Applications	3
BIOL 3023	General Genetics	3
College and Elective courses		6
<b>Hours</b>		<b>15</b>
<b>Senior</b>		
<b>Fall</b>		
CHEM 4313	Medicinal Organic Chemistry (Every other Fall)	3
or CHEM 4322	or Advanced Organic Chemistry Laboratory	
CHEM 4990	Special Problems in Chemistry	1
College and Elective courses		11
<b>Hours</b>		<b>15</b>
<b>Spring</b>		
CHEM 4022	Modern Methods of Chemical Analysis Laboratory	2
CHEM 4023	Modern Methods of Chemical Analysis	3
CHEM 4123	Biomolecular Chemistry and Function	3

CHEM 4990	Special Problems in Chemistry	1
College and Elective courses		6
<b>Hours</b>		<b>15</b>
<b>Total Hours</b>		<b>120</b>

1

Speak with academic advisor about saving General Education electives and Humanities (H) for Upper-division courses with International (I) and Diversity (D) dimensions.

## Chemistry (CHEM), Minor

**Requirements for Students Matriculating in or before Academic Year 2022-2023.** Learn more about University Academic Regulation 3.1 (p. 943).

Sheri Orr, 404 NRC, 405-744-3729

**Minimum Grade Point Average in Minor Coursework:** 2.00

**Total Hours:** 18

Select 18 hours of chemistry courses at the 2000-level or above in at least three fields.

Courses can be selected from the following:

Code	Title	Hours
<b>Analytical Chemistry</b>		
CHEM 2113	Principles of Analytical Chemistry	
CHEM 2122	Quantitative Analysis Laboratory	
CHEM 4023	Modern Methods of Chemical Analysis	
CHEM 4022	Modern Methods of Chemical Analysis Laboratory	
<b>Organic Chemistry</b>		
CHEM 3012	Survey of Organic Chemistry Laboratory	
CHEM 3013	Survey of Organic Chemistry	
CHEM 3053	Organic Chemistry I	
CHEM 3112	Organic Chemistry Laboratory	
CHEM 3153	Organic Chemistry II	
CHEM 4123	Biomolecular Chemistry and Function	
CHEM 4313	Medicinal Organic Chemistry	
CHEM 4322	Advanced Organic Chemistry Laboratory	
<b>Inorganic Chemistry</b>		
CHEM 3353	Descriptive Inorganic Chemistry	
CHEM 3363	Bioinorganic Chemistry	
CHEM 4333	Inorganic Chemistry I	
<b>Physical Chemistry</b>		
CHEM 3413	Physical Chemistry Applications	
CHEM 3433	Physical Chemistry I	
CHEM 3532	Physical Chemistry Laboratory	
CHEM 3553	Physical Chemistry II	
CHEM 4123	Biomolecular Chemistry and Function	
<b>Biochemistry</b>		
Select up to 6 hours		
BIOC 3223	Physical Chemistry for Biologists	
BIOC 3653	Survey of Biochemistry	
BIOC 3713	Biochemistry I	
BIOC 3813	Biochemistry II	
CHEM 4123	Biomolecular Chemistry and Function	
<b>Special Topics</b>		
Select up to 4 hours		
CHEM 2890	Honors Experience in Chemistry	
CHEM 2980	Current Topics for Chemical Professionals	
CHEM 3890	Advanced Honors Experience in Chemistry	

## Additional OSU Requirements

### Undergraduate Minors

- An undergraduate minor must include between fifteen and thirty hours, inclusive of undergraduate coursework.
- A minimum of six credit hours for the minor must be earned in residence at OSU.
- The courses required for a minor may be included in the course requirements for any undergraduate degree or they may be in addition to degree requirements, depending on the overlap between the minor and degree requirements. However, an undergraduate minor must be earned in an academic field other than the student's declared degree option. The minor may not duplicate the degree major or option (for example, a student who earns a BA in Art with an Art History option may earn a minor in Studio Art but not Art History).
- A student generally follows the minor requirements associated with his or her matriculation year or newer requirements that have been established since matriculation. The time limit for following requirements from a given academic year is six years.

For additional information on requirements on minors, click here (<https://adminfinance.okstate.edu/site-files/documents/policies/requirements-for-undergraduate-and-graduate-minors.pdf>).

## Communication Sciences and Disorders

The Department of Communication Sciences and Disorders offers a Certificate program in Communication Sciences and Disorders, a minor in Communication Sciences and Disorders, a Bachelor of Science degree in Communication Sciences and Disorders, and a Master of Science degree in Speech-Language Pathology.

- The certificate is available to students that have completed a bachelor's degree in another area and are wanting to apply to a graduate program in speech-language pathology and audiology or begin the pathway to become a speech-language pathology assistant. Students can enroll in the certificate program while pursuing their undergraduate degree but they are expected to complete their degree prior to the completion of the certification program.
- The minor program is offered for students who are interested to know more about the professions of Speech-Language Pathology and Audiology. The minor is also intended to benefit students who are receiving training in early childhood education, special education, or trainee teachers to know more about speech and language development and disorders.
- The undergraduate program focuses on the scientific study of normal and disordered communication processes. Emphasis is placed on developing background knowledge in phonetics, speech and language development, hearing and its disorders, anatomy and physiology, speech science, and the neurogenic bases of communication. During the senior year, students are introduced to a variety of communication disorders providing a pre-professional background for students interested in pursuing a Master of Science degree. All students participate in 25 hours of applied clinical observation.
- The graduate (M.S.) program in Speech-Language Pathology is the entry-level degree in the profession. The primary goal of our graduate program is to train students to be excellent clinicians who are capable of assessing and treating a range of communication disorders.

## Courses

### CDIS 2033 Deaf Communication and Education (D)

**Description:** Issues in communication and education for children with hearing loss (communication options, schooling options, assistive technology, cochlear implants, language development, literacy, socializing) and introduction to Deaf culture and American Sign Language. Awareness of the breadth of challenges and options facing parents and educators of children with hearing loss. Previously offered as CDIS 4033, CDIS 4132, and SPTH 4132.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Communications Sci & D

**General Education and other Course Attributes:** Diversity

### CDIS 2223 Speech and Language Development

**Description:** Discussion of current theories and research on typical language development over the lifespan. Normal acquisition of language (e.g. phonology); speech and language milestones; biological, cognitive, and social bases; description of dialect variations, second language acquisition; atypical language development; and relationship between spoken and written language. Previously offered as CDIS 3223.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Communications Sci & D

### CDIS 2313 Introduction to Communication Disorders

**Description:** Introduction of communication impairments across the lifespan (speech, language and hearing disorders). Including their neuromuscular bases; assessment and treatment; and professions related to assessment and treatment. Open to all university students. Previously offered as CDIS 3213.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Communications Sci & D

### CDIS 2890 Honors Add-on

**Prerequisites:** Honors College participation and concurrent enrollment in a designated course.

**Description:** A supplemental introductory honors experience to partner concurrently with designated course(s). This course adds a different intellectual dimension to the designated course(s).

**Credit hours:** 1

**Contact hours:** Lecture: 1 Contact: 1

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Communications Sci & D

**General Education and other Course Attributes:** Honors Credit

### CDIS 3113 Communication Disorders in Children

**Prerequisites:** A grade of "C" or higher in CDIS 2313 and (CDIS 2223 or CDIS 3223).

**Description:** Assessment and treatment of childhood communication disorders including autism, cerebral palsy, articulation and phonological disorders (speech sounds and their normal acquisition, common phonological errors), language disorders, fluency disorders, nonverbal and minimally verbal children, children using AAC, voice disorders and communication disorders in school-age children. Same course as CDIS 4113.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Communications Sci & D

**CDIS 3123 Audiology Diagnosis**

**Prerequisites:** CDIS 3203 with a grade of "C" or higher.

**Description:** Introduction to the profession of audiology, anatomy and physiology of the auditory system, types of hearing loss, hearing disorders, and clinical tests used in the diagnosis of children and adults with hearing loss. Previously offered as SPTH 3123.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Communications Sci & D

**CDIS 3203 Anatomy and Physiology of the Speech Mechanism**

**Prerequisites:** A grade of "C" or higher in BIOL 1114 or (BIOL 1113 and BIOL 1111).

**Description:** Structure and function of the respiratory, phonatory, articulatory, and neural systems involved in the oral communication processes. Previously offered as CDIS 4213.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Communications Sci & D

**CDIS 3313 Phonetics**

**Description:** The analysis and description of speech at the segmental and suprasegmental levels. Development of students' perceptual and analytical skills in speech sound production. Practice using the International Phonetic Alphabet for broad and narrow transcription. Overview of the speech production mechanism and process. Previously offered as CDIS 2213 and SPTH 2213.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Communications Sci & D

**CDIS 3413 Introduction to Research**

**Prerequisites:** A grade of "C" or higher in STAT 2013, STAT 2053 or STAT 4053.

**Description:** Introduction to research process and evidence based practice in communication disorders, including how to locate and evaluate research articles, how to find possible research topics, issues related to conduction of experiment, and how to determine treatment effectiveness.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Communications Sci & D

**CDIS 4010 Clinic Practicum**

**Prerequisites:** Consent of instructor.

**Description:** Supervised clinical practicum in speech-language pathology and audiology. Offered for variable credit, 1-3 credit hours, maximum of 3 credit hours.

**Credit hours:** 1-3

**Contact hours:** Contact: 1-3 Other: 1-3

**Levels:** Undergraduate

**Schedule types:** Independent Study

**Department/School:** Communications Sci & D

**CDIS 4013 Diagnostics**

**Prerequisites:** A grade of "C" or higher in CDIS 3213 and CDIS 3223.

**Description:** This course addresses principles and methods of assessment and diagnostics for people with communication disorders. The course includes test construction and design, reliability, validity, and other issues related to criterion and norm-referenced testing. Issues regarding diagnostic criteria and classification systems of communication disorders are also addressed.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Communications Sci & D

**CDIS 4023 Clinical Methods and Issues**

**Prerequisites:** A grade of "C" or higher in CDIS 2213, CDIS 2223 and CDIS 3313.

**Description:** Fundamental process and procedures of clinical practicum, report writing, goal selection; production, assessment and recording of speech and language behaviors; development of interpersonal skills with clients, families, and other professionals; problem solving skills; professional organization and credentialing requirements and includes clinical observation. Previously offered as CDIS 4022.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Communications Sci & D

**CDIS 4133 Audiology Treatment**

**Prerequisites:** A grade of "C" or higher in CDIS 3123.

**Description:** Review of hearing aids, implantable hearing devices, medical management of hearing loss, aural rehabilitation, and other clinical treatments for children and adults with hearing loss. Previously offered as SPTH 4133.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Communications Sci & D

**CDIS 4313 Speech Science**

**Prerequisites:** A grade of "C" or higher in CDIS 3313, CDIS 3203 and any PHYS course.

**Description:** Scientific bases of the acoustic parameters, the perceptual and productive processes of speech, and the interrelationships of those factors during speech communication. Previously offered as SPTH 4313. May not be used for degree credit with CDIS 5313.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Communications Sci & D

**CDIS 4423 Neural Bases of Speech and Language****Prerequisites:** A grade of "C" or higher in CDIS 3203.**Description:** Neuroanatomy and neuro-physiological processes related to speech and language. Including basic anatomy of the central and peripheral nervous systems and the physiological processes involved in neuromotor control and neuronal function related specifically to speech and language. Previously offered as CDIS 4412.**Credit hours:** 3**Contact hours:** Lecture: 3 Contact: 3**Levels:** Undergraduate**Schedule types:** Lecture**Department/School:** Communications Sci & D**CDIS 4433 Communication Disorders in Adults****Prerequisites:** A grade of "C" or higher in CDIS 3203 and CDIS 4423.**Description:** A review of language disorders and changes occurring with both normal aging and common neurological diseases and traumas, with focus on cerebral vascular accidents. Neurophysiological bases and etiology are presented as well as evaluation and treatment of aphasia and right hemisphere disorders, dementia and traumatic brain injury.**Credit hours:** 3**Contact hours:** Lecture: 3 Contact: 3**Levels:** Undergraduate**Schedule types:** Lecture**Department/School:** Communications Sci & D**CDIS 4900 Undergraduate Research****Prerequisites:** Consent of instructor.**Description:** Research in speech, language, and hearing sciences and disorders. Offered for variable credit, 1-3 credit hours, maximum of 9 credit hours.**Credit hours:** 1-3**Contact hours:** Contact: 1-3 Other: 1-3**Levels:** Undergraduate**Schedule types:** Independent Study**Department/School:** Communications Sci & D**CDIS 4980 Independent Study in CDIS****Prerequisites:** Junior standing and consent of instructor.**Description:** Directed readings or research in communication sciences and disorders. Offered for variable credit, 1-3 credit hours, maximum of 9 credit hours.**Credit hours:** 1-3**Contact hours:** Contact: 1-3 Other: 1-3**Levels:** Undergraduate**Schedule types:** Independent Study**Department/School:** Communications Sci & D**CDIS 4993 Senior Honors Thesis****Prerequisites:** Departmental invitation, senior standing, Honors Program participation.**Description:** A guided reading and research program ending with an honors thesis under the direction of a faculty member. Required for graduation with departmental honors in communication sciences and disorders.**Credit hours:** 3**Contact hours:** Contact: 3 Other: 3**Levels:** Undergraduate**Schedule types:** Independent Study**Department/School:** Communications Sci & D**General Education and other Course Attributes:** Honors Credit**CDIS 5000 Masters Research & Thesis****Prerequisites:** Consent of graduate faculty.**Description:** Research in speech, language and hearing sciences and disorders. Offered for variable credit, 1-6 credit hours, maximum of 6 credit hours.**Credit hours:** 1-6**Contact hours:** Contact: 1-6 Other: 1-6**Levels:** Graduate**Schedule types:** Independent Study**Department/School:** Communications Sci & D**CDIS 5013 Evidence-Based Practice****Prerequisites:** Graduate standing in the Department of Communication Sciences and Disorders or consent of instructor.**Description:** Principles and procedures of evidence-based practice in communication sciences and disorders; experience funding and evaluating systematic research.**Credit hours:** 3**Contact hours:** Lecture: 3 Contact: 3**Levels:** Graduate**Schedule types:** Lecture**Department/School:** Communications Sci & D**CDIS 5113 Advanced Language Disorders in Children****Prerequisites:** Graduate standing in the Department of Communication Sciences and Disorders, or consent of instructor.**Description:** Principles of language assessment and intervention based on linguistic, cognitive, and social learning theories. Critical analysis of current research. Design of assessment and intervention programs.**Credit hours:** 3**Contact hours:** Lecture: 3 Contact: 3**Levels:** Graduate**Schedule types:** Lecture**Department/School:** Communications Sci & D**CDIS 5143 Phonological Disorders****Prerequisites:** Graduate standing in the Department of Communication Sciences and Disorders, or consent of instructor.**Description:** Current issues in linguistic theories related to the assessment and treatment of phonological disorders in children. Critical analysis of current research.**Credit hours:** 3**Contact hours:** Lecture: 3 Contact: 3**Levels:** Graduate**Schedule types:** Lecture**Department/School:** Communications Sci & D**CDIS 5153 Neurological Communication Disorders****Prerequisites:** Graduate standing in the Department of Communication Sciences and Disorders, or consent of instructor.**Description:** Communication changes occurring with aging and common neurological diseases and trauma. Neurophysiological bases and etiology. Evaluation and treatment of aphasia and right hemisphere disorders. Previously offered as CDIS 5152.**Credit hours:** 3**Contact hours:** Lecture: 3 Contact: 3**Levels:** Graduate**Schedule types:** Lecture**Department/School:** Communications Sci & D

**CDIS 5163 Dysphagia**

**Prerequisites:** Graduate standing in the Department of Communication Sciences and Disorders, or consent of instructor.

**Description:** Anatomy and neurophysiology of the swallowing mechanism in relation to pediatric and adult dysphagia. Evaluation, diagnosis and treatment of swallowing problems in children and adults including videofluoroscopic training with case studies. The first two-thirds of the course focus on adult dysphagia and the latter one third on pediatric dysphagia. Previously offered as CDIS 5160.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Graduate

**Schedule types:** Lecture

**Department/School:** Communications Sci & D

**CDIS 5183 Traumatic Brain Injury and Dementia**

**Prerequisites:** Graduate standing in the Department of Communication Sciences and Disorders, or consent of instructor.

**Description:** Nature, evaluation and treatment of acquired cognitive communication disorders secondary to traumatic injury or dementia.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Graduate

**Schedule types:** Lecture

**Department/School:** Communications Sci & D

**CDIS 5193 Motor Speech Disorders**

**Prerequisites:** Graduate standing in the Department of Communication Sciences and Disorders, or consent of instructor.

**Description:** Nature, evaluation and treatment of neurologically-based motor speech disorders such as dysarthria and apraxia. Previously offered as CDIS 5172.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Graduate

**Schedule types:** Lecture

**Department/School:** Communications Sci & D

**CDIS 5210 Advanced Practicum**

**Prerequisites:** Graduate standing in the Department of Communication Sciences and Disorders, and consent of instructor.

**Description:** Practical experience for the advanced student on or off campus. Offered for variable credit, 1-6 credit hours, maximum of 15 credit hours.

**Credit hours:** 1-6

**Contact hours:** Contact: 1-6 Other: 1-6

**Levels:** Graduate

**Schedule types:** Independent Study

**Department/School:** Communications Sci & D

**Additional Fees:** CDIS Clinical Materials fee of \$75, Spath Insurance fee of \$15, and Spath Material Test fee of \$20 apply.

**CDIS 5243 Language and Literacy Disorders in School-Age and Adolescence**

**Prerequisites:** A grade of "B" or higher in CDIS 5113 and graduate standing in the Department of Communication Sciences and Disorders, or consent of instructor.

**Description:** Language and literacy disorders in school-age children and adolescents. The course emphasizes how language impairments often underlie literacy delays. Assessment and intervention of complex language and delayed literacy. Previously offered as CDIS 5242.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Graduate

**Schedule types:** Lecture

**Department/School:** Communications Sci & D

**CDIS 5313 Speech Science**

**Description:** Scientific bases of the acoustic parameters, the perceptual and productive processes of speech, and the interrelationships of those factors during speech communication. Previously offered as SPTH 4313. May not be used for degree credit with CDIS 4313.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Graduate

**Schedule types:** Lecture

**Department/School:** Communications Sci & D

**CDIS 5330 Voice and Resonance Disorders**

**Credit hours:** 1-4

**Contact hours:** Lecture: 1-4 Contact: 1-4

**Levels:** Graduate

**Schedule types:** Lecture

**Department/School:** Communications Sci & D

**CDIS 5340 Counseling for Speech-Language Pathologists**

**Description:** This course is designed specifically for speech-language pathologists and presents the concepts of counseling as they relate to the assessment and treatment of individuals with communicative disorders, their families, and others in their environment. The goal is to make the connection between the theories of communication disorders and their application for individuals with communication disorders. Topics include the importance of a client-clinician relationship, efficacy beyond traditional measures, practice-based evidence, making change, diversity, and ethics. Offered for variable credit, 1-4 credit hours, maximum of 4 credit hours.

**Credit hours:** 1-4

**Contact hours:** Lecture: 1-4 Contact: 1-4

**Levels:** Graduate

**Schedule types:** Lecture

**Department/School:** Communications Sci & D

**CDIS 5420 Augmentative/Alternative Communication**

**Prerequisites:** Graduate standing in the Department of Communication Sciences and Disorders, or consent of instructor.

**Description:** Evaluation and management of communication disorders in individuals requiring specially adapted educational intervention programs. Adaptive communication technologies. Previously offered as CDIS 5423.

**Credit hours:** 1-3

**Contact hours:** Lecture: 1-3 Contact: 1-3

**Levels:** Graduate

**Schedule types:** Lecture

**Department/School:** Communications Sci & D



**CDIS 5433 Cleft Palate**

**Prerequisites:** Graduate standing in the Department of Communication Sciences and Disorders, or consent of instructor.

**Description:** Recent research in the etiology, assessment and management of communicative disorders in individuals with cleft palate.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Graduate

**Schedule types:** Lecture

**Department/School:** Communications Sci & D

**CDIS 5533 Autism Spectrum Disorder: Assessment & Intervention of Communication Deficits**

**Prerequisites:** Graduate standing or permission of instructor.

**Description:** Assessment and treatment of communication deficits associated with autism spectrum disorder. Etiologies and recent trends in autism spectrum disorder will also be discussed.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Graduate

**Schedule types:** Lecture

**Department/School:** Communications Sci & D

**CDIS 5710 Special Topics in Communication Disorders**

**Prerequisites:** Consent of instructor.

**Description:** Individual and group investigations of problems in communication sciences and disorders. Offered for variable credit, 1-4 credit hours, maximum of 9 credit hours.

**Credit hours:** 1-4

**Contact hours:** Contact: 1-4 Other: 1-4

**Levels:** Graduate

**Schedule types:** Independent Study

**Department/School:** Communications Sci & D

**CDIS 5713 Fluency Disorders**

**Prerequisites:** Graduate standing in the Department of Communication Sciences and Disorders, or consent of instructor.

**Description:** Current research regarding the nature of etiologies, evaluation and treatment of dysfluent speech in both children and adults. Previously offered as CDIS 4443 and SPTH 4443.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Graduate

**Schedule types:** Lecture

**Department/School:** Communications Sci & D

**CDIS 5720 Seminar in Communication Disorders**

**Prerequisites:** Consent of instructor.

**Description:** Topics relevant to the evaluation and treatment of communication disorders presented on a rotating basis. Offered for variable credit, 1-3 credit hours, maximum of 3 credit hours.

**Credit hours:** 1-3

**Contact hours:** Contact: 1-3 Other: 1-3

**Levels:** Graduate

**Schedule types:** Independent Study

**Department/School:** Communications Sci & D

**CDIS 5730 Independent Study in Communication Sciences and Disorders**

**Prerequisites:** Graduate standing and consent of instructor.

**Description:** Directed readings or research in communication sciences and disorders. Offered for variable credit, 1-3 credit hours, maximum of 3 credit hours.

**Credit hours:** 1-3

**Contact hours:** Contact: 1-3 Other: 1-3

**Levels:** Graduate

**Schedule types:** Independent Study

**Department/School:** Communications Sci & D

**CDIS 5732 Professional Issues**

**Credit hours:** 2

**Contact hours:** Lecture: 2 Contact: 2

**Levels:** Graduate

**Schedule types:** Lecture

**Department/School:** Communications Sci & D

**CDIS 5760 Portfolio**

**Prerequisites:** Graduate standing.

**Description:** Nature and preparation of professional portfolio with faculty guidance. Offered for variable credit, 1-2 credit hours, maximum of 2 credit hours.

**Credit hours:** 1-2

**Contact hours:** Contact: 1-2 Other: 1-2

**Levels:** Graduate

**Schedule types:** Independent Study

**Department/School:** Communications Sci & D

## Undergraduate Programs

- Communication Sciences and Disorders, BS (p. 1077)

## Graduate Programs

The Master of Science degree program is designed to provide students with intensive coursework in the various communication disorders and with a wide variety of challenging clinical rotations both on and off campus. Research opportunities are available under the direction of the graduate faculty. Graduates are prepared to take positions in hospitals, community speech and hearing centers, private practices, schools and other related settings, and to pursue additional graduate education at the doctoral level. All graduates meet the academic and clinical requirements for the Certificate of Clinical Competence in Speech-Language Pathology from the American Speech-Language-Hearing Association, and the Oklahoma license in Speech-Language Pathology. Additionally, many students elect to earn the state teaching certificate required to practice speech-language pathology in the Oklahoma school system. The program holds national accreditation from the Council on Academic Accreditation of the American Speech-Language-Hearing Association.

## Prerequisites

Admission to the graduate program requires a bachelor's degree in Communication Sciences and Disorders, or an out-of-field bachelor's degree plus 24 hours of prerequisite coursework.

## Admission Requirements

Applicants for admission are recommended to have a minimum grade-point average of 3.40 in the major, strong letters of recommendation from those familiar with the student's previous academic background, a minimum combined verbal and quantitative GRE score of 296, a minimum verbal GRE score of 153, and a minimum analytical writing score of 3.5. Students not meeting the above requirements may be admitted on a

provisional basis. Admission is competitive, and all application materials must be received by January 15 of each calendar year for summer or fall admission. Completed applications must include: an online application, GRE scores, three letters of recommendation, transcripts from all undergraduate institutions, and a personal statement indicating why the applicant desires to be a speech-language pathologist. In addition, all applicants must have completed an acoustics course and a neural anatomy and physiology course having earned a grade of “B” or better. Additional national certification requirements must be completed before enrollment in graduate coursework. Those requirements include the following: physics, biology, psychology and statistics.

International students follow the same application procedure as U.S. students with one addition. If English is not the student’s native language he or she is required to score a minimum of 79 (internet-based) or 550 (paper-based) on the Test of English as a Foreign Language (TOEFL) and a minimum of 26 (internet-based) on the speaking portion of the TOEFL (IBT). It is especially important that students have readily intelligible spoken English, as they will be conducting therapy sessions in English. Additional Graduate College Requirements: Students who score a minimum of 42 on the combined Reading and Listening portions of the TOEFL (internet based) with a minimum score of 20 in each section are not required to enroll in remedial coursework. Remedial coursework includes enrollment in ENGL 0003 Academic English for Graduate Students during the first semester. The course carries a grade of S/U and may not be used toward minimum degree requirements. Students must enroll in ENGL 0003 Academic English for Graduate Students each semester until a grade of S is earned. Students who score less than 22 on the TOEFL Writing portion must enroll in ENGL 4893 during their first semester. ENGL 4893 carries graduate credit and may be used toward minimum degree requirements. A minimum grade of C is required. Both ENGL 0003 Academic English for Graduate Students and ENGL 4893, as applicable, must be listed on the student’s Plan of Study.

Alternatively, an official IELTS, academic stream, examination with a minimum overall band score of 6.5 is required for admission to the graduate program. However, a minimum IELTS speaking score of 8.5 is required for clinical assignments. Either examination must have been taken within the last two years. Students who have completed the IELTS- or the paper-based TOEFL have different requirements as stated by the OSU Graduate College. To ensure that graduate students are sufficiently skilled at written English, the Test of English Language Proficiency (TELP) is required for all graduate students who took the IELTS or paper-based (PBT) TOEFL test. The TELP must be taken before the student’s first semester enrollment. The International Student Services Office is available on campus to assist international students.

## Financial Aid

All admitted students will be considered for graduate teaching assistantships and fee waiver scholarships. Graduate teaching assistants qualify for tuition waiver.

## Program Requirements

Requirements for the master of science degree include 36 credit hours of academic courses and 15 credit hours of clinical practicum. The program typically can be completed in two academic years including one summer semester.

## Examinations

Students enrolled in a thesis option complete a master’s thesis under the direction of a member of the graduate faculty. Students enrolled in a non-thesis option complete a comprehensive examination.

## Certificates

- Communication Sciences and Disorders (CSDC), Undergraduate Certificate (p. 1081)

## Minors

The Minor program in Communication Sciences and Disorders is offered for students who are interested to know more about the professions of Speech-Language Pathology and Audiology. The minor is also intended to benefit students who are receiving training in early childhood education, special education, or trainee teachers to know more about speech and language development and disorders. This will help them to identify kids with speech and language deficits in their classes and make appropriate referrals to speech-language pathologists and audiologists.

### Curriculum:

- CDIS 2033- Deaf Communication & Education
- CDIS 2313 – Introduction to Communication Disorders
- CDIS 2223 – Speech and Language Development
- CDIS 3113 – Communication Disorders in Children\*
- CDIS 3123 – Audiology Diagnosis

**\*CDIS 2313 and CDIS 2223 are pre-requisites for CDIS 3113**

**Minimum grade and/or GPA for minor courses:** 2.75 GPA and a grade of “C” or higher

- Communication Sciences and Disorders (CDIS), Minor (p. 1080)

## Faculty

Ramesh Kaipa, Ph.D.—Associate Professor and Department Head

**Professor:** John Tetnowski, Ph.D., CCC-SLP

**Associate Professor:** Cheryl Giddens, Ph.D. (emeritus); Sabiha Parveen, Ph.D., CCC-SLP; Peter Richtsmeier, Ph.D., CCC-SLP

**Assistant Professors:** Valerie Freeman, Ph.D.; Yu Zhang, Ph.D.; Roha Kaipa, Ph.D.

**Clinical Faculty:** Lisa Ashley, M.Ed., CCC-SLP; Kristi Carpenter, M.S., CCC-SLP; Trevor Courouleau, Au.D., CCC-A; Sherri Norton, M.A., CCC-SLP; Nancy Wright, M.A., CCC-SLP; Tricia Graham, M.S., CCC-SLP

# Communication Sciences and Disorders, BS

## Degree Requirements

**Requirements for Students Matriculating in or before Academic Year 2022-2023.** Learn more about University Academic Regulation 3.1 (p. 943).

**Minimum Overall Grade Point Average: 2.00**

**Total Hours: 120**

Code	Title	Hours
<b>General Education Requirements</b>		
<i>English Composition</i>		
See Academic Regulation 3.5 (p. 944)		
ENGL 1113	Composition I	3
or ENGL 1313	Critical Analysis and Writing I	
Select one of the following:		3
ENGL 1213	Composition II	
ENGL 1413	Critical Analysis and Writing II	
ENGL 3323	Technical Writing	
<i>American History &amp; Government</i>		
HIST 1103	Survey of American History	3
or HIST 1483	American History to 1865 (H)	
or HIST 1493	American History Since 1865 (DH)	
POLS 1113	American Government	3
<i>Analytical &amp; Quantitative Thought (A)</i>		
Select one of the following:		3
STAT 2013	Elementary Statistics (A)	
STAT 2053	Elementary Statistics for the Social Sciences (A)	
STAT 4053	Statistical Methods I for the Social Sciences (A)	
<i>Humanities (H)</i>		
Courses designated (H)		6
<i>Natural Sciences (N)</i>		
Must include one Laboratory Science (L) course		
BIOL 1113	Introductory Biology (N)	4
& BIOL 1111	and Introductory Biology Laboratory (LN)	
or BIOL 1114	Introductory Biology (LN)	
Select one of the following:		4
PHYS 1014	Descriptive Physics (N)	
PHYS 1114	College Physics I (LN)	
PHYS 2014	University Physics I (LN)	
<i>Social &amp; Behavioral Sciences (S)</i>		
PSYC 1113	Introductory Psychology (S)	3
<i>Additional General Education</i>		
Courses designated (A), (H), (N), or (S)		9
<b>Hours Subtotal</b>		<b>41</b>

### Diversity (D) & International Dimension (I)

May be completed in any part of the degree plan

Select at least one Diversity (D) course

Select at least one International Dimension (I) course

### College/Departmental Requirements

<i>First Year Seminar</i>		
(Transfer students with 15 hours exempt)		1
<i>Arts &amp; Humanities</i>		
Select one of the following:		3
ENGL 4013	English Grammar	
ENGL 4033	Discourse Analysis	
ENGL 4063	Introduction to Descriptive Linguistics	
or other Arts & Humanities course, see note 2.a.		
<i>Natural &amp; Mathematical Sciences</i>		
Select 9 hours of the following:		9
PSYC 3073	Neurobiological Psychology (N)	
BIOL 3123	Human Heredity (N)	
or BIOL 3204	Physiology	
Other natural or mathematical sciences courses		
See note 2.b.		
<i>Foreign Language</i>		
See note 3		
0-6 hours		
<i>Upper-Division General Education</i>		
Select 6 hours outside major department		
See note 2.c.		
<b>Hours Subtotal</b>		<b>13</b>
<b>Major Requirements</b>		
Minimum GPA 2.75. Minimum grade of "C" in all CDIS courses		
CDIS 2223	Speech and Language Development	3
CDIS 2313	Introduction to Communication Disorders	3
CDIS 3113	Communication Disorders in Children	3
CDIS 3123	Audiology Diagnosis	3
CDIS 3203	Anatomy and Physiology of the Speech Mechanism	3
CDIS 3313	Phonetics	3
CDIS 3413	Introduction to Research	3
CDIS 4013	Diagnostics	3
CDIS 4023	Clinical Methods and Issues	3
CDIS 4133	Audiology Treatment	3
CDIS 4313	Speech Science	3
CDIS 4423	Neural Bases of Speech and Language	3
CDIS 4433	Communication Disorders in Adults	3
EPSY 3413	Child and Adolescent Development	3
Select 3 hours of the following related courses:		3
HDFS 2233	Development of Creative Expression, Play and Motor Skills in Early Childhood	
HDFS 3123	Parenting (S)	
HDFS 3203	Children's Play: A World Perspective (I)	
HDFS 4413	Successful Aging (S)	
HDFS 4543	Intergenerational Relationships (S)	
PSYC 2583	Developmental Psychology (S)	
PSYC 3443	Abnormal Psychology (S)	
PSYC 3713	Psychology of Memory	
PSYC 3823	Cognitive Psychology	
PSYC 4343	Language Development (S)	

PSYC 4483	Psychology of Parent Behavior (S)	
SOC 3993	Sociology of Aging (DS)	
Select 3 hours of the following multicultural courses:		3
CDIS 2033	Deaf Communication and Education (D)	
ANTH 3353	Cultural Anthropology (IS)	
CPSY 4443	Cultural Diversity in Professional Life (D)	
ENGL 4093	Language in America (DS)	
HDFS 4793	The Family: A World Perspective (IS)	
SOC 3523	Juvenile Delinquency (DS)	
SPCH 4753	Intercultural Communication (I)	
ENGL 4043	Teaching English to Speakers of Other Languages	
<b>Hours Subtotal</b>		<b>48</b>
<b>Electives</b>		
Select 18 hours		18
May need to include 6 hours of a foreign language. See note 3.		
May need to include 6 hours upper-division general education outside major department (see note 2.c.) and 1 hour may need to be upper-division		
Students who desire to meet Teacher Education requirements should choose the following courses:		
SCFD 3223	Role of Teacher in American Schools (D)	
SPED 3202	Educating Exceptional Learners (D)	
Also recommended:		
ASL 1713	American Sign Language I	
or CDIS 2033	Deaf Communication and Education (D)	
CDIS 4980	Independent Study in CDIS	
SPCH 2713	Introduction to Speech Communication (S)	
<b>Hours Subtotal</b>		<b>18</b>
<b>Total Hours</b>		<b>120</b>

## Other Requirements

- See the College of Arts and Sciences Requirements.
- **Upper-Division Credit:** Total hours must include at least 40 hours in courses numbered 3000 or above.
- **Hours in One Department:** For B.A. and B.S. degrees, no more than 54 hours in one department may be applied to degree requirements.

## College of Arts and Sciences Requirements

### 1. General Education Requirements

No more than two courses (or eight hours) from the major department (<http://catalog.okstate.edu/college-arts-sciences-major-departments/>) may be used to meet General Education and College and Departmental Requirements. The General Education required English Composition, required U.S. History, required American Government, one required MATH or STAT course, and required foreign language for B.A. degrees do not count against the two-course maximum.

### 2. A&S College/Departmental Requirements

- Arts and Humanities are defined as any course carrying an (H) designation or courses from AMST, ART, DANC, ENGL (except ENGL 3323 Technical Writing) HIST, MUSI, PHIL (except PHIL 1313 Logic and Critical Thinking (A), PHIL 3003 Symbolic

Logic (A) and PHIL 4003 Mathematical Logic and Computability), REL, TH, and foreign languages.

- Natural and Mathematical Sciences are defined as any course from the following prefixes: ASTR, BIOG, BIOL, CHEM, CS (except CS 4883 Social Issues in Computing), GEOL, MATH, MICR, PBIO, PHYS, and STAT; or courses from other departments that carry an (A) or (N) general education designation.
  - The required six hours of upper-division General Education may not include courses from the student's major department. This requirement may be satisfied by courses also used to satisfy any part of a student's degree program (i.e., in General Education, College Departmental Requirements, Major Requirements or Electives).
  - Non-Western Studies Requirement for B.A. and B.F.A.; One 3-hour course in Non-Western Studies (N.W.). This requirement may be satisfied by courses also used to satisfy any part of a student's degree program (i.e., in General Education, College Departmental Requirements, Major Requirements or Electives).
  - The College of Arts & Sciences requires a minimum 2.0 GPA in all major requirements and a minimum 2.0 GPA in all major-prefix courses applied to the degree.
- ### 3. Foreign Language Proficiency
- The foreign language requirement for the B.A. may be satisfied by 9 hours college credit in the same language, which must include 3 hours at the 2000-level, or equivalent proficiency (e.g., passing an advanced standing examination; TOEFL exam; presenting a high school transcript which demonstrates the high school was primarily conducted in a language other than English; etc.). Computer Science courses may not be used to satisfy this requirement. Currently Arabic and Mvskoke are not offered at the 2000-level at OSU.
  - The foreign language requirement for the B.S., B.M. and B.F.A. may be satisfied by presenting a high school transcript which demonstrates two years of study of a single foreign language (passing grades at second-year level of study). It may also be satisfied by 6 hours college credit in the same language, which must include language courses 1713 and 1813, or equivalent proficiency (e.g., passing an advanced standing examination; TOEFL exam; presenting a high school transcript which demonstrates the high school was primarily conducted in a language other than English; etc.). Computer Science courses may not be used to satisfy this requirement.
  - In addition to a. and b., students pursuing teacher certification must meet novice-high foreign language proficiency by presenting a high school transcript which demonstrates two years of study of a single foreign language with no grade below B. Or, students may complete 3 hours college credit in a single language with no grade below C (or pass an advanced standing examination, College Level Examination Program (CLEP) exam, or Oral Proficiency Interview developed by the American Council on the Teaching of Foreign Languages, equivalent to 3 hours of college credit.) Or, students may meet the requirement by transfer of documentation of meeting the foreign language competency from one of the teacher education programs in the State of Oklahoma approved by the Oklahoma State Regents for Higher Education.
- ### 4. Exclusions
- Courses used to satisfy the General Education English Composition, U.S. History, American Government, and

Mathematics or Statistics requirements will not count toward the 54-hour maximum allowed from one department.

- b. Courses with ATHL or LEIS prefixes and leisure activity courses may not be used for degree credit.

## Additional State/OSU Requirements

- At least: 60 hours at a four-year institution; 30 hours completed at OSU; 15 of the final 30 or 50% of the upper-division hours in the major field completed at OSU.
- Limit of: one-half of major course requirements as transfer work; one-fourth of hours earned by correspondence; 8 transfer correspondence hours.
- Students will be held responsible for degree requirements in effect at the time of matriculation and any changes that are made, so long as these changes do not result in semester credit hours being added or do not delay graduation.
- Degrees that follow this plan must be completed by the end of Summer 2028.

## Example Plan of Study

### Finish in Four Plan of Study

The plan below is an example of how students can successfully complete degree requirements in four years. This suggested class schedule plan may be used as a guide and can be adjusted based on individual needs. Students are required to meet with an academic advisor prior to enrollment each semester to plan their class schedule, and students are ultimately responsible for completing all degree requirements.

Course	Title	Hours
<b>Freshman</b>		
<b>Fall</b>		
STAT 2013 or STAT 2053	Elementary Statistics (A) or Elementary Statistics for the Social Sciences (A)	3
General Education courses		13
<b>Hours</b>		<b>16</b>
<b>Spring</b>		
BIOL 1113 & BIOL 1111 or BIOL 1114	Introductory Biology (N) or Introductory Biology (LN)	4
General Education courses		10
<b>Hours</b>		<b>14</b>
<b>Sophomore</b>		
<b>Fall</b>		
CDIS 2313	Introduction to Communication Disorders	3
CDIS 2223	Speech and Language Development	3
CDIS 3313	Phonetics	3
General Education courses		6
<b>Hours</b>		<b>15</b>
<b>Spring</b>		
CDIS 3203	Anatomy and Physiology of the Speech Mechanism	3
CDIS 3413	Introduction to Research	3
PHYS 1014	Descriptive Physics (N)	4
College and Elective courses		5
<b>Hours</b>		<b>15</b>
<b>Junior</b>		
<b>Fall</b>		
CDIS 3113	Communication Disorders in Children	3
CDIS 3123	Audiology Diagnosis	3
College and Elective courses		9
<b>Hours</b>		<b>15</b>

<b>Spring</b>		
CDIS 4133	Audiology Treatment	3
CDIS 4023	Clinical Methods and Issues	3
Major, College, and Elective courses		9
<b>Hours</b>		<b>15</b>
<b>Senior</b>		
<b>Fall</b>		
CDIS 4313	Speech Science	3
CDIS 4423	Neural Bases of Speech and Language	3
Major, College, and Elective courses		9
<b>Hours</b>		<b>15</b>
<b>Spring</b>		
CDIS 4013	Diagnostics	3
CDIS 4433	Communication Disorders in Adults	3
Major, College, and Elective courses		9
<b>Hours</b>		<b>15</b>
<b>Total Hours</b>		<b>120</b>

## Communication Sciences and Disorders (CDIS), Minor

### Requirements for Students Matriculating in or before Academic Year

2022-2023. Learn more about University Academic Regulation 3.1 (p. 943).

**Minimum grade and/or GPA for minor courses:** 2.75 GPA and a grade of "C" or higher.

**Total Hours:** 15

Code	Title	Hours
<b>Course Requirements</b>		
CDIS 2033	Deaf Communication and Education (D)	3
CDIS 2313	Introduction to Communication Disorders	3
CDIS 2223	Speech and Language Development	3
CDIS 3113	Communication Disorders in Children <sup>1</sup>	3
CDIS 3123	Audiology Diagnosis	3
<b>Total Hours</b>		<b>15</b>

1

CDIS 2313 and CDIS 2223 are pre-requisites for CDIS 3113.

## Additional OSU Requirements

### Undergraduate Minors

- An undergraduate minor must include between fifteen and thirty hours, inclusive of undergraduate coursework.
- A minimum of six credit hours for the minor must be earned in residence at OSU.
- The courses required for a minor may be included in the course requirements for any undergraduate degree or they may be in addition to degree requirements, depending on the overlap between the minor and degree requirements. However, an undergraduate minor must be earned in an academic field other than the student's declared degree option. The minor may not duplicate the degree major or option (for example, a student who earns a BA in Art with an Art History option may earn a minor in Studio Art but not Art History).
- A student generally follows the minor requirements associated with his or her matriculation year or newer requirements that have been established since matriculation. The time limit for following requirements from a given academic year is six years.

For additional information on requirements on minors, click here (<https://adminfinance.okstate.edu/site-files/documents/policies/requirements-for-undergraduate-and-graduate-minors.pdf>).



## Communication Sciences and Disorders, Undergraduate Certificate

**Requirements for Students Matriculating in or before Academic Year 2022-2023.** Learn more about University Academic Regulation 3.1 (p. 943).

**Total Hours:** 38

### Admission Requirements:

- The student must have a Bachelor's degree or is expected to complete a Bachelor's degree by the completion of certificate requirements.
- The student maintains a 2.75 to complete the certificate.
- No grade less than a "C" is earned in the major specific courses.
- Residency Requirement: The student must complete 18 hours or half of the total hours at Oklahoma State University in order to receive a certificate from OSU.

Code	Title	Hours
<b>Required Courses</b>		
PHYS 1014	Descriptive Physics (N) <sup>1</sup>	4
PSYC 1113	Introductory Psychology (S) <sup>1</sup>	3
BIOL 1113 & BIOL 1111 or BIOL 1114	Introductory Biology (N) and Introductory Biology Laboratory (LN) <sup>1</sup> Introductory Biology (LN)	4
STAT 2013	Elementary Statistics (A) <sup>1</sup>	3
CDIS 2223	Speech and Language Development	3
CDIS 3113	Communication Disorders in Children	3
CDIS 3123	Audiology Diagnosis	3
CDIS 3203	Anatomy and Physiology of the Speech Mechanism	3
CDIS 3313	Phonetics	3
CDIS 4023	Clinical Methods and Issues	3
CDIS 4313	Speech Science	3
CDIS 4423	Neural Bases of Speech and Language	3
<b>Total Hours</b>		<b>38</b>

1

Indicates General Education courses.

## Computer Science

Computer science is concerned with theoretical and practical methods of storing, processing and communicating information by means of computing devices and computer networks. Professional computer scientists obtain a formal education through the BS, MS or PhD degrees and apply their knowledge to many diversified fields of science, engineering, business and communications. Computer science offers opportunities to both specialists and generalists.

Within a short period of time, the computing field has evolved from one associated primarily with engineering and scientific calculations of only casual interest to the layperson, to a factor of significant influence in almost every aspect of modern life. Technical careers in computer architecture and software design, as well as applications in the business and scientific areas, require a thorough knowledge of the principles of computer science. In addition, most managers in any field require some familiarity with computers, not only to be able to understand them, but also to incorporate them into their own decision-making processes.

The department offers the full range of degree programs—BS, MS and PhD. A graduate certificate program in big data analytics is also offered. All programs are offered in Stillwater. The BS is also offered on the Tulsa campus (upper-division courses only). Effective Spring 2020, students may choose to complete all BS degree requirements online. The Computer Science Department has a variety of computing resources, including a Linux cluster (big data lab), several Linux workstations, an iMac mobile app lab, robotics and graphics, and augmented and virtual reality labs. The systems are available to Computer Science students, faculty, and staff for both course assignments and research work. Graduate students have access to several research labs. The department also has a Collaborative Learning Laboratory for networking and group work.

Computer Science students may pursue internships in various industries such as financial/banking, energy (oil, gas, and wind), medical, defense, aeronautical, and IT. The 4+1 program allows a student to apply 9 hours of computer science courses to both their BS and MS programs. Most BS and MS graduates obtain positions in industry. PhD graduates find university teaching and research positions or positions in industry.

Computers can be accessed through the OSU Information Technology Division. There are a number of personal computer labs located in various buildings on campus. Some of the residence halls have personal computer labs available. All of these labs have access to personal computer application software and to all mainframe computers on campus, as well as Internet access. Both University and department computers can be accessed 24 hours a day.

## Courses

### CS 1003 Computer Proficiency

**Description:** For students with minimal personal computer skills. Use of Internet and productivity software such as word processing, spreadsheets, databases, and presentation software. The ability to log on to a personal computer, access the OSU network, and access OSU Web sites is assumed. Previously offered as CS 1002.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Computer Science

### CS 1013 Computer Science Principles

**Description:** Computing as a creative human activity, abstraction to reduce detail and focus on concepts relevant to understanding and solving problems, describing data and information to facilitate the creation of knowledge, discuss algorithms as tools for developing and expressing solutions to computational problems, use programming is a creative process that produces computational artifacts; and discuss digital devices, systems, and the networks that interconnect them.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Computer Science

### CS 1103 Computer Programming (A)

**Prerequisites:** MATH 1513 or higher, each with a grade of "C" or better.

**Description:** Introduction to computer programming using a high-level computer language, including subprograms and arrays. Principles of problem solving, debugging, documentation, and good programming practice. Elementary methods of searching and sorting. No prior programming or computing experience needed. Previously offered as CS 2103.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Computer Science

**General Education and other Course Attributes:** Analytical & Quant Thought

### CS 1113 Computer Science I (A)

**Prerequisites:** MATH 1513 or higher, with a grade of "C" or better.

**Description:** Introduction to computer science using a block-structured high-level computer language, including subprograms, arrays, recursion, records, and abstract data types. Principles of problem solving, debugging, documentation, and good programming practice. Elementary methods of sorting and searching. Use of operating system commands and utilities. Previously offered as CS 2113.

**Credit hours:** 3

**Contact hours:** Lecture: 2 Lab: 2 Contact: 4

**Levels:** Undergraduate

**Schedule types:** Lab, Lecture, Combined lecture and lab

**Department/School:** Computer Science

**General Education and other Course Attributes:** Analytical & Quant Thought

### CS 2133 Computer Science II

**Prerequisites:** CS 1113 with a grade of "C" or better.

**Description:** Recursive algorithms. Intermediate methods of searching and sorting. Mathematical analysis of space and time complexity, worst case, and average case performance. Course previously offered as CS 3333.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Computer Science

**CS 2351 Unix Programming**

**Prerequisites:** CS 1113 or EET 2303 with a grade of "C" or better.

**Description:** The UNIX programming system. The programming environment. The UNIX file system and the shell. Use of pipes and filters. Course previously offered as CS 3451.

**Credit hours:** 1

**Contact hours:** Lab: 2 Contact: 2

**Levels:** Undergraduate

**Schedule types:** Lab

**Department/School:** Computer Science

**CS 2433 C/C++ Programming**

**Prerequisites:** CS 1113 with a grade of "C" or better.

**Description:** C/C++ programming language types, operators, expressions, control flow, functions, structures, pointers, arrays, UNIX interface. Basic object oriented programming using C++ and the related language syntax and functionality. Previously offered as CS 2432.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Computer Science

**CS 2570 Special Problems in Computer Science**

**Prerequisites:** Consent of instructor and freshman or sophomore standing.

**Description:** Current topics and applications of computer science. Existing and new topics to computer science. Allows lower-division students to study topics not provided in existing classes. Can be individual study or a class with a new subject. Offered for variable credit, 1-3 credit hours, maximum of 6 credit hours.

**Credit hours:** 1-3

**Contact hours:** Contact: 1-3 Other: 1-3

**Levels:** Undergraduate

**Schedule types:** Independent Study

**Department/School:** Computer Science

**CS 3030 Industrial Practice in Computer Science**

**Prerequisites:** CS 3443 and MATH 2144, each with a grade of "C" or better, junior standing, consent of departmental adviser.

**Description:** Applied computing in industry. Topics vary with cooperating employers. Written reports will be specified by adviser. Basic object oriented programming using C++ and the related language syntax and functionality. Offered for variable credit, 1-6 credit hours, maximum of 9 credit hours.

**Credit hours:** 1-6

**Contact hours:** Contact: 1-6 Other: 1-6

**Levels:** Undergraduate

**Schedule types:** Independent Study

**Department/School:** Computer Science

**CS 3353 Data Structures and Algorithm Analysis I**

**Prerequisites:** CS 2133 and CS 3653, each with a grade of "C" or better.

**Description:** Storage, structures, data and information structures, list processing, trees and tree processing, graphs and graph processing, searching, and sorting. Previously offered as CS 4343 and CS 4344.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Computer Science

**CS 3363 Organization of Programming Languages**

**Prerequisites:** CS 2133 and (CS 3443 or ECEN 3213), each with a grade of "C" or better.

**Description:** Programming language constructs. Run time behavior of programs. Language definition structure. Control structures and data flow programming paradigms. Previously offered as CS 4363.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Computer Science

**CS 3443 Computer Systems**

**Prerequisites:** CS 2133 with a grade of "C" or better.

**Description:** Functional and register level description of computer systems, computer structures, addressing techniques, macros, linkage, input-output operations. Introduction to file processing operations and auxiliary storage devices. Programming assignments are implemented in assembly language.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Computer Science

**CS 3513 Numerical Methods for Digital Computers**

**Prerequisites:** MATH 2153 with a grade of "C" or better; MATH 3013 with a grade of "C" or better, or concurrent enrollment; or MATH 3263 with a grade of "C" or better and knowledge of programming.

**Description:** Errors, floating point numbers and operations, interpolation and approximation, solution of nonlinear equations and linear systems, condition and stability, acceleration methods, numerical differentiation and integration. Course previously offered as CS 3223.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Computer Science

**CS 3570 Special Problems in Computer Science**

**Prerequisites:** Junior standing and consent of instructor.

**Description:** Existing and new topics to computer science. Allows lower-division students to study topics not provided in existing classes. Can be individual study or a class with a new subject. Offered for variable credit, 1-6 credit hours, maximum of 6 credit hours.

**Credit hours:** 1-6

**Contact hours:** Contact: 1-6 Other: 1-6

**Levels:** Undergraduate

**Schedule types:** Independent Study

**Department/School:** Computer Science

**CS 3613 Theoretical Foundations of Computing**

**Prerequisites:** CS 2133 and CS 3653, each with a grade of "C" or better.

**Description:** Introduction to the classical theory of computer science. Sequential machines and their applications to devices, processes, and programming. Models of computation: finite-state automata, push-down automata, Turing machines. The role of non-determinism. Limits of digital computation. Computability and unsolvability. The Church-Turing Thesis.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Computer Science

**CS 3653 Discrete Mathematics for Computer Science****Prerequisites:** MATH 2144 with a grade of "C" or better.**Description:** Theory and applications of discrete mathematical models fundamental to analysis of problems in computer science. Set theory, formal logic and proof techniques, relations and functions, combinatorics and probability, undirected and directed graphs, Boolean algebra, switching logic.**Credit hours:** 3**Contact hours:** Lecture: 3 Contact: 3**Levels:** Undergraduate**Schedule types:** Lecture**Department/School:** Computer Science**CS 4143 Computer Graphics****Prerequisites:** MATH 2163 and CS 3353, each with a grade of "C" or better.**Description:** Interactive graphics programming; graphics hardware; geometrical transformation; data structures for graphic representations; viewing in three dimensions; representation of 3D shapes; hidden edge and hidden surface removal algorithms; shading models. May not be used for degree credit with CS 5143.**Credit hours:** 3**Contact hours:** Lecture: 3 Contact: 3**Levels:** Undergraduate**Schedule types:** Lecture**Department/School:** Computer Science**CS 4153 Mobile Applications Development****Prerequisites:** CS 2133 or 2433, each with a grade of "C" or better.**Description:** The history of mobile apps and their implication on computing in general. Survey of the various platforms and approaches used for mobile apps. Examine the differences between "conventional" programs and mobile apps. Learn tools and techniques to develop mobile apps, and demonstrate proficiency through development assignments. May not be used for degree credit with CS 5153.**Credit hours:** 3**Contact hours:** Lecture: 3 Contact: 3**Levels:** Undergraduate**Schedule types:** Lecture**Department/School:** Computer Science**CS 4173 Video Game Development****Prerequisites:** CS 2133, and CS 2433 and MATH 2144, all with a grade of "C" or better.**Description:** History of video games. A survey of various game platforms. Computer graphics, audio tools and techniques, and artificial intelligence for game development. Game engines. Game development tools and techniques. An overview of the video game industry from a development perspective. May not be used for degree credit with CS 5163.**Credit hours:** 3**Contact hours:** Lecture: 3 Contact: 3**Levels:** Undergraduate**Schedule types:** Lecture**Department/School:** Computer Science**CS 4183 Video Game Design****Prerequisites:** CS 2133 and CS 3653, each with a grade of "C" or better.**Description:** Theory and pragmatics of game design including game mechanics, storytelling, and types of game play. The relationship between human/computer interaction and the user experience. A survey of game genres. An overview of the video game industry from a design perspective. May not be used for degree credit with CS 5183.**Credit hours:** 3**Contact hours:** Lecture: 3 Contact: 3**Levels:** Undergraduate**Schedule types:** Lecture**Department/School:** Computer Science**CS 4243 Introduction to Computer Security****Prerequisites:** CS 3443 or ECEN 3213, each with a grade of "C" or better.**Description:** Introductory course to computer security. Covers a broad range of basic topics in security, including cryptography, computer security, and network security. May not be used for degree credit with CS 5243.**Credit hours:** 3**Contact hours:** Lecture: 3 Contact: 3**Levels:** Undergraduate**Schedule types:** Lecture**Department/School:** Computer Science**CS 4273 Software Engineering****Prerequisites:** CS 2133 and CS 3653 and (CS 3443 or ECEN 3213), each with a grade of "C" or better.**Description:** Fundamental characteristics of the software life cycle. Tools, techniques, and management controls for development and maintenance of large software systems. Software metrics and models. Human factors and experimental design. Same course as ECEN 4273. May not be used for degree credit with CS 5473.**Credit hours:** 3**Contact hours:** Lecture: 3 Contact: 3**Levels:** Undergraduate**Schedule types:** Lecture**Department/School:** Computer Science**CS 4283 Computer Networks****Prerequisites:** CS 2133 with a grade of "C" or better; and CS 3443 or ECEN 3213 with a grade of "C" or better; UNIX knowledge.**Description:** Computer networks, distributed systems and their systematic design. Introduction to the use, structure, and architecture of computer networks. Networking experiments to describe network topology. ISO reference model. Same course as ECEN 4283. May not be used for degree credit with CS 5383.**Credit hours:** 3**Contact hours:** Lecture: 3 Contact: 3**Levels:** Undergraduate**Schedule types:** Lecture**Department/School:** Computer Science

**CS 4323 Design and Implementation of Operating Systems I**

**Prerequisites:** CS 2133; and CS 3443 or ENSC 3213 or ECEN 3213; and CS 3653 and CS 4343 or CS 3353, all with a grade of "C" or better.

**Description:** Process activation and process context block. Batch, multi-programmed, and timeshared operating system. Process management, memory management, and synchronization primitives. Deadlock prevention, avoidance, and detection. May not be used for degree credit with CS 5223.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Computer Science

**CS 4373 Agile Software Development**

**Description:** This course includes a comprehensive overview of the principles and practices of Agile software development based on Agile community's recent recommendations. The emphasis is on quick realization of system value through disciplined, iterative, and incremental software development techniques and the elimination of wasteful practices.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Computer Science

**CS 4433 Introduction to Database Systems**

**Prerequisites:** CS 2133 with a grade of "C" or better.

**Description:** An overview of database management systems, entity-relationship model, relational model, structural query language, relational algebra, relational database design with normalization theorems, XML; basic file organization and storage management; elementary e-commerce web application development; database systems and the Internet. May not be used for degree credit with CS 4433 and CS 5423.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Computer Science

**CS 4513 Introduction to Numerical Analysis**

**Prerequisites:** MATH 2233 and MATH 3013, each with a grade of "C" or better, knowledge of programming or consent of instructor.

**Description:** Computer arithmetic and round-off errors, numerical solution to nonlinear equations, interpolation, numerical differentiation and integration, numerical solutions to ordinary differential equations, error analysis for numerical solutions and approximations. Additional topics may include direct and iterative solutions for linear systems of equations. Same course as MATH 4513. May not be used for degree credit with MATH 5513.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Computer Science

**CS 4523 Cloud Computing and Distributed Systems**

**Prerequisites:** CS 3443; and CS 4343 or CS 3353, each with a grade of "C" or better.

**Description:** Cloud computing and distributed systems architectures and models. Usage of Virtual Machines. Distributed computing frameworks. Using the cloud for big data analytics. Cloud deployment of data science algorithms. Cloud services. Security. May not be used for degree credit with CS 5123.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Computer Science

**CS 4570 Special Topics in Computing**

**Prerequisites:** Honors Program participation, junior standing.

**Description:** Advanced topics and applications of computer science. Typical topics include operating systems, multiprocessor systems, programming systems or various mathematical and statistical packages. Designed to allow students to study topics not provided in existing courses. Offered for variable credit, 1-3 credit hours, maximum of 5 credit hours.

**Credit hours:** 1-3

**Contact hours:** Contact: 1-3 Other: 1-3

**Levels:** Undergraduate

**Schedule types:** Independent Study

**Department/School:** Computer Science

**CS 4623 Introduction to Cyber Physical Systems**

**Description:** Introduction to principles and technologies dealing with cyber physical systems and Internet of Things (IoT). Design of cyber physical frameworks and the process underlying creation of 3D VR based simulation models and Next General Internet frameworks to support the adoption of cyber physical methodologies. Information modeling and systems engineering based techniques to support the design of collaborative methodologies for CPS contexts from various domains including robotics and medicine. May not be used for degree credit with CS 5623.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Computer Science

**CS 4743 Extended Reality**

**Prerequisites:** CS 2133 and CS 2433 and CS 3653, each with a grade of "C" or better.

**Description:** Survey the history and state-of-the-art of immersive computing, aka VAMR (virtual/augmented/mixed reality) computing. Tools and techniques to develop for a variety of target platforms. Human physiological factors that affect the design and development of immersive systems. The relationship of immersive computing with IoT (Internet of Things). Construction of virtual environments and the tracking of real and virtual objects. Applications of immersive computing to solve real-world problems. May not be used for degree credit with CS 5743.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Computer Science



**CS 4783 Machine Learning**

**Prerequisites:** CS 4343 or CS 3353, and MATH 3013, each with a grade of "C" or better.

**Description:** A probabilistic, statistical approach to automated pattern discovery applied to large datasets. Constructing computational models with this information and assessing their behavior and reliability. Representing data and devising tools for discovering these models. Class focuses on the development and analysis of learning algorithms as well as the mathematical formulations underlying statistical processing. May not be used for degree credit with CS 5783.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Computer Science

**CS 4793 Artificial Intelligence I**

**Prerequisites:** CS 3353 with a grade of "C" or better.

**Description:** Broad coverage of core artificial intelligence (AI) topics, including search-oriented problem solving, knowledge representation, logical inference, AI languages, history and philosophy of AI. May not be used for degree credit with CS 5723.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Computer Science

**CS 4883 Social Issues in Computing**

**Prerequisites:** Senior standing and a grade of "C" or better in ENGL 3323 or BCOM 3113 or BCOM 3223 or SPCH 3723.

**Description:** The history and evolution of computing systems, providing the background for the analysis of the social impact of computers. The social implications of computer use and or misuse with emphasis on the effects on the individual, society, and other human institutions. Social responsibilities of people involved in using or applying computers.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Computer Science

**CS 4983 Senior Capstone Project**

**Prerequisites:** CS 3353 and CS 3363 and (CS 3443 or EGEN 3213), each with a grade of "C" or better.

**Description:** This course enables senior computer science majors to organize and apply the knowledge they have acquired from the undergraduate curriculum. Students are expected to work in teams to develop software solutions to real-world problems identified by an instructor. Teams are required to analyze the problem presented to them, design and implement a solution, and provide a report with performance analysis. Each team is also expected to present its work, including its ethical and social implications.

**Credit hours:** 3

**Contact hours:** Contact: 3 Other: 3

**Levels:** Undergraduate

**Schedule types:** Independent Study

**Department/School:** Computer Science

**CS 4993 Senior Honors Project**

**Prerequisites:** Departmental invitation, senior standing, Honors Program participation.

**Description:** A guided reading and research program ending with an honors project under the direction of a faculty member, with a second faculty reader and an oral examination. Required for graduation with departmental honors in computing and information science.

**Credit hours:** 3

**Contact hours:** Contact: 3 Other: 3

**Levels:** Undergraduate

**Schedule types:** Independent Study

**Department/School:** Computer Science

**General Education and other Course Attributes:** Honors Credit

**CS 5000 Master's Thesis**

**Prerequisites:** Consent of major professor.

**Description:** Roles and responsibilities of the agricultural education teacher; types of program offerings; steps of the teaching-learning process; place of agricultural education in relation to other educational programs in school systems. Offered for variable credit, 1-6 credit hours, maximum of 6 credit hours.

**Credit hours:** 1-6

**Contact hours:** Contact: 1-6 Other: 1-6

**Levels:** Graduate

**Schedule types:** Independent Study

**Department/School:** Computer Science

**CS 5030 Professional Practice**

**Prerequisites:** Graduate standing in computer science, consent of the department head.

**Description:** Experience in the application of computer science principles to problems encountered in industry and government. Participation in problem solving in the role of junior computer scientist, junior software engineer, or computer science intern. All problem solutions documented. Required written report to the major professor. Offered for variable credit, 1-9 credit hours, maximum of 9 credit hours.

**Credit hours:** 1-9

**Contact hours:** Contact: 1-9 Other: 1-9

**Levels:** Graduate

**Schedule types:** Independent Study

**Department/School:** Computer Science

**CS 5033 Parallel Algorithms and Programming**

**Prerequisites:** CS 4343 or CS 3353 with a grade of "C" or better, or consent of instructor.

**Description:** Models of parallel computation, design and analysis of parallel algorithms: fundamental parallel algorithms for selected sorting, arithmetic, and matrix, and graph problems, and applications in science and engineering, message-passing programming, and shared-memory programming.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Graduate

**Schedule types:** Lecture

**Department/School:** Computer Science



**CS 5070 Seminar and Special Problems**

**Prerequisites:** Consent of instructor.

**Description:** Designed to allow students to study advanced topics not provided in existing courses. Offered for variable credit, 1-6 credit hours, maximum of 6 credit hours.

**Credit hours:** 1-6

**Contact hours:** Contact: 1-6 Other: 1-6

**Levels:** Graduate

**Schedule types:** Independent Study

**Department/School:** Computer Science

**CS 5113 Computer Organization and Architecture**

**Prerequisites:** CS 3443 with a grade of "C" or better.

**Description:** Computer architecture, computer control, microprogrammed control, addressing structures, memory hierarchies, hardware description languages, specific architectures, hardware simulation, and emulation.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Graduate

**Schedule types:** Lecture

**Department/School:** Computer Science

**CS 5123 Cloud Computing and Distributed Systems**

**Prerequisites:** CS 3443; and CS 4343 or CS 3353, each with a grade of "C" or better.

**Description:** Cloud computing and distributed systems architectures and models. Usage of Virtual Machines. Distributed computing frameworks. Using the cloud for big data analytics. Cloud deployment of data science algorithms. Cloud services. Security. May not be used for degree credit with CS 4523.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Graduate

**Schedule types:** Lecture

**Department/School:** Computer Science

**CS 5143 Computer Graphics**

**Prerequisites:** MATH 2163 and CS 3353, each with a grade of "C" or better.

**Description:** Interactive graphics programming; graphics hardware; geometrical transformation; data structures for graphic representations; viewing in three dimensions; representation of 3D shapes; hidden edge and hidden surface removal algorithms; shading models. May not be used for degree credit with CS 4143.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Graduate

**Schedule types:** Lecture

**Department/School:** Computer Science

**CS 5153 Mobile Applications Development**

**Prerequisites:** CS 2133 or 2433, each with a grade of "C" or better.

**Description:** The history of mobile apps and their implication on computing in general. Survey of the various platforms and approaches used for mobile apps. Examine the differences between "conventional" programs and mobile apps. Learn tools and techniques to develop mobile apps, and demonstrate proficiency through development assignments. May not be used for degree credit with CS 4153.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Graduate

**Schedule types:** Lecture

**Department/School:** Computer Science

**CS 5163 Video Game Development**

**Prerequisites:** CS 2133, and CS 2433 and MATH 2144, all with a grade of "C" or better.

**Description:** History of video games. A survey of various game platforms. Computer graphics, audio tools and techniques, and artificial intelligence for game development. Game engines. Game development tools and techniques. An overview of the video game industry from a development perspective. May not be used for degree credit with CS 4173.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Graduate

**Schedule types:** Lecture

**Department/School:** Computer Science

**CS 5173 Video Game Production**

**Prerequisites:** CS 4173 and CS 4183, each with a grade of "C" or better.

**Description:** The various aspects of video game production and the video game industry will be covered, including technical production and testing, roles and responsibilities of team members, project management, and legal concerns related to video game production. Professionals from the video game industry will be invited to make presentations.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Graduate

**Schedule types:** Lecture

**Department/School:** Computer Science

**CS 5183 Video Game Design**

**Prerequisites:** CS 2133 and CS 3653, each with a grade of "C" or better.

**Description:** Theory and pragmatics of game design including game mechanics, storytelling, and types of game play. The relationship between human/computer interaction and the user experience. A survey of game genres. An overview of the video game industry from a design perspective. May not be used for degree credit with CS 4183.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Graduate

**Schedule types:** Lecture

**Department/School:** Computer Science

**CS 5223 Design and Implementation of Operating Systems I**

**Prerequisites:** CS 2133; and CS 3443 or ENSC 3213 or ENSC 3213; and CS 3653 and CS 4343 or CS 3353, all with a grade of "C" or better.

**Description:** Process activation and process context block. Batch, multi-programmed, and timeshared operating system. Process management, memory management, and synchronization primitives. Deadlock prevention, avoidance, and detection. May not be used for degree credit with CS 4323. For non-CS majors only.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Graduate

**Schedule types:** Lecture

**Department/School:** Computer Science

**CS 5233 Intro to Database Systems**

**Prerequisites:** CS 2133 with a grade of "C" or better.

**Description:** An overview of database management systems, entity-relationship model, relational model, structural query language, relational algebra, relational database design with normalization theorems, XML; basic file organization and storage management; elementary e-commerce web application development; database systems and the Internet. May not be used for degree credit with CS 4433 or CS 5423. Previously offered as CS 4433.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Graduate

**Schedule types:** Lecture

**Department/School:** Computer Science

**CS 5243 Introduction to Computer Security**

**Prerequisites:** CS 3443 with a grade of "C" or better.

**Description:** Introductory course to computer security. Covers a broad range of basic topics in security, including cryptography, computer security, and network security. May not be used for degree credit with CS 4243.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Graduate

**Schedule types:** Lecture

**Department/School:** Computer Science

**CS 5253 Digital Computer Design**

**Prerequisites:** ECEN 4243 or graduate standing.

**Description:** Analysis and design of digital computers. Arithmetic algorithms and the design of the arithmetic/logic unit (ALU). Serial and parallel data processing; control and timing systems; microprogramming; memory organization alternatives; input/output interfaces. Same course as ECEN 5253.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Graduate

**Schedule types:** Lecture

**Department/School:** Computer Science

**CS 5263 Quantum Computing**

**Prerequisites:** Graduate standing.

**Description:** The main theory of quantum information science and its applications to communications, computing and cryptography. Topics include introduction to quantum mechanics, quantum gates, circuits, entropy, cryptographic schemes, and implementations. Current technology in support of quantum processing will be reviewed.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Graduate

**Schedule types:** Lecture

**Department/School:** Computer Science

**CS 5273 Advanced Software Engineering**

**Prerequisites:** CS 4273 with a grade of "C" or better.

**Description:** Continuation of CS 4273. Formal methods for software design and development. Static analysis. Emerging design and development approaches. Model checking and model-based software reuse. Component-based software engineering and software repositories. Same course as ECEN 5273.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Graduate

**Schedule types:** Lecture

**Department/School:** Computer Science

**CS 5283 Computer Network Programming**

**Prerequisites:** CS 4283 with a grade of "C" or better.

**Description:** Detailed technical concepts related to Internet and multimedia, high speed LANS, high speed transport protocols, MPLS, multicasting, Int. serv/Diff serv, Router Buffer management, self-similar traffic, and socket programming.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Graduate

**Schedule types:** Lecture

**Department/School:** Computer Science

**CS 5313 Formal Language Theory**

**Prerequisites:** CS 3613 with a grade of "C" or better.

**Description:** Formal language theory applied to procedure oriented languages. Application of finite state algorithms to lexical analysis. Chomsky hierarchy of languages. Generation, recognition, and closure properties of languages.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Graduate

**Schedule types:** Lecture

**Department/School:** Computer Science

**CS 5323 Design and Implementation of Operating Systems II**

**Prerequisites:** CS 4323 with a grade of "C" or better.

**Description:** Task systems and concurrent programming, synchronization, and inter process communication. Theoretical investigation of resource sharing and deadlock, memory management, strategies, and scheduling algorithms, queuing theory, distributed operating systems. System accounting, user services and utilities.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Graduate

**Schedule types:** Lecture

**Department/School:** Computer Science

**CS 5363 Advanced Organization of Programming Languages**

**Prerequisites:** CS 3363 with a grade of "C" or better.

**Description:** Continuation of CS 3363, mathematical theory of computer language organization functional programming. Parallelism in languages. Mathematics of control structures and data structures. Applicative languages. Symbolic languages.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Graduate

**Schedule types:** Lecture

**Department/School:** Computer Science

**CS 5373 Advanced Object-Oriented Programming for Windowing Environments**

**Prerequisites:** For CS students: CS 2133 and CS 2433, each with a grade of "C" or better. For TCOM students: CS 4343 or CS 3353 with a grade of "C" or better and a working knowledge of C++.

**Description:** Applying the object-oriented computing model to the design and development of software for windowing environments. Effective use of Graphical User Interfaces (GUIs), the Internet, data interchange principles and related topics. No credit for students with credit in CS 3373.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Graduate

**Schedule types:** Lecture

**Department/School:** Computer Science

**CS 5383 Computer Networks**

**Prerequisites:** CS 2133 with a grade of "C" or better; and CS 3443 or ECEN 3213 with a grade of "C" or better; UNIX knowledge.

**Description:** Computer networks, distributed systems and their systematic design. Introduction to the use, structure, and architecture of computer networks. Networking experiments to describe network topology. ISO reference model. May not be used for degree credit with CS/ECEN 4283.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Graduate

**Schedule types:** Lecture

**Department/School:** Computer Science

**CS 5413 Data Structures and Algorithm Analysis II**

**Prerequisites:** CS 4343 or CS 3353 with a grade of "C" or better.

**Description:** Data structures and their application in recursive and iterative algorithms. Static and dynamic data structure representations and processing algorithms. Dynamic and virtual storage management.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Graduate

**Schedule types:** Lecture

**Department/School:** Computer Science

**CS 5423 Principles of Database Systems**

**Prerequisites:** CS 4343 or CS 3353; and CS 4433 or equivalent; each with a grade of "C" or better.

**Description:** An overview of database management systems, entity-relationship model, relational model, structural query language, relational algebra, functional dependencies, relational database design with normalization theorems, query processing, fault recovery, concurrent control, web-based database systems. Introduction to NoSQL databases, querying NoSQL databases. May not be used for degree credit with CS 5233.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Graduate

**Schedule types:** Lecture

**Department/School:** Computer Science

**CS 5433 Big Data Management**

**Prerequisites:** CS 3353.

**Description:** Introduction to storing, processing and analyzing big data. Topics to be covered include map-reduce model within the Hadoop framework, data summarization, query and analysis; data munging and transformation; streaming data; transferring structured data; setting up distributed services; fast data processing using Apache Spark, including querying, live data streaming, machine learning and parallel processing; writing data pipeline jobs; introduction to machine learning using R or Python.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Graduate

**Schedule types:** Lecture

**Department/School:** Computer Science

**CS 5473 Software Engineering**

**Description:** Fundamental characteristics of the software life cycle. Tools, techniques, and management controls for development and maintenance of large software systems. Software metrics and models. Human factors and experimental design. May not be used for degree credit with CS 4273 and ECEN 4273.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Graduate

**Schedule types:** Lecture

**Department/School:** Computer Science

**CS 5513 Numerical Computation**

**Prerequisites:** MATH 2233 with a grade of "C" or better; and MATH 3013 or MATH 3263 or equivalent courses with a grade of "C" or better; CS 3513 or MATH 4513 or MATH 5513 or an equivalent course with a grade of "C" or better; a knowledge of computer programming.

**Description:** Errors in machine computation; condition of problems and stability of algorithms; interpolation and approximation; nonlinear equations; linear and nonlinear systems; differentiation and integration; applications to modeling, simulation, and/or optimization. May not be used for degree credit with CS 4513.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Graduate

**Schedule types:** Lecture

**Department/School:** Computer Science

**CS 5623 Introduction to Cyber Physical Systems**

**Description:** Introduction to principles and technologies dealing with cyber physical systems and Internet of Things (IoT). Design of cyber physical frameworks and the process underlying creation of 3D VR based simulation models and Next General Internet frameworks to support the adoption of cyber physical methodologies. Information modeling and systems engineering based techniques to support the design of collaborative methodologies for CPS contexts from various domains including robotics and medicine. May not be used for degree credit with CS 4623.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Graduate

**Schedule types:** Lecture

**Department/School:** Computer Science

**CS 5653 Automata and Finite State Machines****Prerequisites:** CS 5313 with a grade of "C" or better.**Description:** Sequential machines and automata. Hierarchy of recognizers. Decision problems and closure properties. Finite and infinite state machines. Cellular and stochastic automata. Coverings of automata.**Credit hours:** 3**Contact hours:** Lecture: 3 Contact: 3**Levels:** Graduate**Schedule types:** Lecture**Department/School:** Computer Science**CS 5663 Computability and Decidability****Prerequisites:** CS 5313 with a grade of "C" or better.**Description:** Primitive and partial recursive functions. Equivalence of models of computation. The Halting problem and undecidability. Reducing one problem to another or representation change. Tractability and the P-NP problem. Complexity hierarchies.**Credit hours:** 3**Contact hours:** Lecture: 3 Contact: 3**Levels:** Graduate**Schedule types:** Lecture**Department/School:** Computer Science**CS 5683 Big Data Analytics****Prerequisites:** CS 5513 or instructor's permission.**Description:** This course focuses on data science methods to analyze multiple types of massive datasets along with their applications on real world problems like web analysis and recommender systems. May not be used for degree credit with MSIS 5683.**Credit hours:** 3**Contact hours:** Lecture: 3 Contact: 3**Levels:** Graduate**Schedule types:** Lecture**Department/School:** Computer Science**CS 5723 Artificial Intelligence I****Prerequisites:** CS 3353 with a grade of "C" or better.**Description:** Broad coverage of core artificial intelligence (AI) topics, including search-oriented problem solving, knowledge representation, logical inference, AI languages, history and philosophy of AI. May not be used for degree credit with CS 4793.**Credit hours:** 3**Contact hours:** Lecture: 3 Contact: 3**Levels:** Graduate**Schedule types:** Lecture**Department/School:** Computer Science**CS 5743 Extended Reality****Prerequisites:** CS 2133 and CS 2433 and CS 3653, each with a grade of "C" or better.**Description:** Survey the history and state-of-the-art of immersive computing, aka VAMR (virtual/augmented/mixed reality) computing. Tools and techniques to develop for a variety of target platforms. Human physiological factors that affect the design and development of immersive systems. The relationship of immersive computing with IoT (Internet of Things). Construction of virtual environments and the tracking of real and virtual objects. Applications of immersive computing to solve real-world problems. May not be used for degree credit with CS 4743.**Credit hours:** 3**Contact hours:** Lecture: 3 Contact: 3**Levels:** Graduate**Schedule types:** Lecture**Department/School:** Computer Science**CS 5783 Machine Learning****Prerequisites:** CS 3353 or CS 4343, and MATH 3013, each with a grade of "C" or better.**Description:** A probabilistic, statistical approach to automated pattern discovery applied to large datasets. Constructing computational models with this information and assessing their behavior and reliability. Representing data and devising tools for discovering these models. Class focuses on the development and analysis of learning algorithms as well as the mathematical formulations underlying statistical processing. May not be used for degree credit as CS 4783.**Credit hours:** 3**Contact hours:** Lecture: 3 Contact: 3**Levels:** Graduate**Schedule types:** Lecture**Department/School:** Computer Science**CS 5793 Artificial Intell II****Prerequisites:** CS 4793 with a grade of "C" or better.**Description:** Advance knowledge representation and expert system building, including reasoning under uncertainty. Applications to planning, intelligent agents, natural language processing, robotics, and machine learning.**Credit hours:** 3**Contact hours:** Lecture: 3 Contact: 3**Levels:** Graduate**Schedule types:** Lecture**Department/School:** Computer Science**CS 5813 Principles of Wireless Networks****Prerequisites:** CS 4283 or ECEN 4283, with a grade of "C" or better.**Description:** Wireless network operation, planning, mobility management, cellular and mobile data networks based on CDMA, TDMA, GSM, IEEE 802-11 WLANS, Adhoc networks, Bluetooth, power management, wireless geolocation and indoor positioning techniques. Same course as ECEN 5563.**Credit hours:** 3**Contact hours:** Lecture: 3 Contact: 3**Levels:** Graduate**Schedule types:** Lecture**Department/School:** Computer Science

**CS 5823 Network Algorithmics**

**Prerequisites:** CS 4283 and CS 4323, with a grade of "C" or better.  
**Description:** Discusses principles of efficient network implementation- router architecture, end node architecture, data copying, timer maintenance, demultiplexing, forwarding table, lookups, switching, scheduling, IP traceback.  
**Credit hours:** 3  
**Contact hours:** Lecture: 3 Contact: 3  
**Levels:** Graduate  
**Schedule types:** Lecture  
**Department/School:** Computer Science

**CS 6000 Doctoral Dissertation**

**Prerequisites:** Graduate standing and approval of advisory committee.  
**Description:** Graduate standing and approval of advisory committee. Independent research under the direction of a member of the graduate faculty. For students working toward a PhD degree. Offered for variable credit, 2-15 credit hours, maximum of 40 credit hours.  
**Credit hours:** 2-15  
**Contact hours:** Contact: 2-15 Other: 2-15  
**Levels:** Graduate  
**Schedule types:** Independent Study  
**Department/School:** Computer Science

**CS 6210 Advanced Topics in Parallel and Distributed Systems**

**Prerequisites:** CS 5113 with a grade of "C" or better.  
**Description:** The state-of-the-art of parallel and distributed systems. Design, implementation, and analysis of parallel and distributed system architectures, protocols, and algorithms. Resource management, scheduling, and coordination. Internet-scale systems, middleware and services, virtualization, and distributed operating systems. Parallel and distributed programming paradigms: message-passing, shared memory, data-intensive, high performance, high throughput. Offered for variable credit, 2-6 credit hours, maximum of 12 credit hours.  
**Credit hours:** 2-6  
**Contact hours:** Contact: 2-6 Other: 2-6  
**Levels:** Graduate  
**Schedule types:** Independent Study  
**Department/School:** Computer Science

**CS 6240 Advanced Topics in Computer Organization**

**Prerequisites:** CS 5113 and CS 5253, each with a grade of "C" or better.  
**Description:** Structure and organization of advanced computer systems, parallel and pipeline computers, methods of computation, alignment networks, conflict-free memories, and bounds on computation time. Offered for variable credit, 2-6 credit hours, maximum of 12 credit hours.  
**Credit hours:** 2-6  
**Contact hours:** Contact: 2-6 Other: 2-6  
**Levels:** Graduate  
**Schedule types:** Independent Study  
**Department/School:** Computer Science

**CS 6253 Advanced Topics in Computer Architecture**

**Prerequisites:** CS 5253 or ECEN 5253, with a grade of "C" or better.  
**Description:** Innovations in the architecture and organization of computers, with an emphasis on parallelism. Topics may include pipelining, multiprocessors, data flow, and reduction machines. Same course as ECEN 6253.  
**Credit hours:** 3  
**Contact hours:** Lecture: 3 Contact: 3  
**Levels:** Graduate  
**Schedule types:** Lecture  
**Department/School:** Computer Science

**CS 6300 Advanced Topics in Programming Languages**

**Prerequisites:** CS 5313 with a grade of "C" or better.  
**Description:** Interpreter models of programming language semantics, Vienna definition language, lambda calculus, LISP definition; Knuth semantic systems and their formulation, translational and denotational semantics. May be repeated with change of topics. Offered for variable credit, 2-6 credit hours, maximum of 12 credit hours.  
**Credit hours:** 2-6  
**Contact hours:** Contact: 2-6 Other: 2-6  
**Levels:** Graduate  
**Schedule types:** Independent Study  
**Department/School:** Computer Science

**CS 6350 Advanced Topics in Operating Systems**

**Prerequisites:** CS 5323 with a grade of "C" or better.  
**Description:** Design and analysis of operating systems. Concurrent processes, server scheduling, models of auxiliary storage, memory management, virtual systems, and performance algorithms. May be repeated with a change in topics. Offered for variable credit, 2-6 credit hours, maximum of 12 credit hours.  
**Credit hours:** 2-6  
**Contact hours:** Contact: 2-6 Other: 2-6  
**Levels:** Graduate  
**Schedule types:** Independent Study  
**Department/School:** Computer Science

**CS 6400 Advanced Topics in Information Systems**

**Prerequisites:** CS 5413 and CS 5423, each with a grade of "C" or better.  
**Description:** Principles of distributed database systems. Overview of relational database management systems (DBMS) and computer networks, distributed DBMS architecture, distributed database design, distributed concurrency control, query processing and distributed DBMS reliability. Offered for variable credit, 2-6 credit hours, maximum of 12 credit hours.  
**Credit hours:** 2-6  
**Contact hours:** Contact: 2-6 Other: 2-6  
**Levels:** Graduate  
**Schedule types:** Independent Study  
**Department/School:** Computer Science

**CS 6500 Advanced Topics in Numerical Analysis**

**Prerequisites:** MATH 5513 or CS 4513 with a grade of "C" or better, or MATH 4513 with a grade of "C" or better and consent of instructor.  
**Description:** Systems of nonlinear equations, nonlinear least squares problems, iterative methods for large systems of linear equations, finite element methods, solution of partial differential equations. May be repeated with change of topics. Offered for variable credit, 2-6 credit hours, maximum of 12 credit hours.  
**Credit hours:** 2-6  
**Contact hours:** Contact: 2-6 Other: 2-6  
**Levels:** Graduate  
**Schedule types:** Independent Study  
**Department/School:** Computer Science



**CS 6600 Advanced Topics in Analysis of Algorithms****Prerequisites:** CS 5413 with a grade of "C" or better.**Description:** Analysis of various algorithms. Sorting, searching, computational complexity, lower bounds for algorithms; NP-hard and NP-complete problems; parallel algorithms; proof of correctness of algorithms. May be repeated with change of topics. Offered for variable credit, 2-6 credit hours, maximum of 12 credit hours.**Credit hours:** 2-6**Contact hours:** Contact: 2-6 Other: 2-6**Levels:** Graduate**Schedule types:** Independent Study**Department/School:** Computer Science**CS 6620 Advanced Topics in Applied Algorithms****Prerequisites:** CS 4343 or CS 3353 with a grade of "C" or better, or consent of instructor.**Description:** Recent advances in the design and analysis of data structures and algorithms for real-world applications in diverse problem domains. Problem domain designated for the course will differ in each offering and with instructor's interests. Core topics include mathematical modeling of complex applied problems, and studies of relevant fundamental algorithmic techniques and their experimental analysis on real datasets. Offered for 3 fixed credit hours, maximum of 6 credit hours.**Credit hours:** 3**Contact hours:** Lecture: 3 Contact: 3**Levels:** Graduate**Schedule types:** Lecture**Department/School:** Computer Science**CS 6623 Algebraic Structures of Formal Grammars****Prerequisites:** CS 5313 and CS 5653; all with a grade of "C" or better.**Description:** Context-free languages, Kleene languages, Dyck languages, context-sensitive languages; use of algebraic systems to define languages; linear bounded automata.**Credit hours:** 3**Contact hours:** Contact: 3 Other: 3**Levels:** Graduate**Schedule types:** Independent Study**Department/School:** Computer Science**CS 6700 Advanced Topics in Artificial Intelligence****Prerequisites:** CS 5793 with a grade of "C" or better, or consent of instructor.**Description:** Machine learning; computer perception and robotics; logic programming; natural language understanding; intelligent agents; medical informatics. May be repeated with change of topics. Offered for variable credit, 2-6 credit hours, maximum of 12 credit hours.**Credit hours:** 2-6**Contact hours:** Contact: 2-6 Other: 2-6**Levels:** Graduate**Schedule types:** Independent Study**Department/School:** Computer Science**CS 6800 Advanced Topics in Computing Networks****Prerequisites:** CS 5283 with a grade of "C" or better; Graduate standing in Computer Science; consent of instructor.**Description:** Large scale embedded networks, deep-space networking, ubiquitous computing, optical networking, Next Generation Internet. May be repeated with change of topics. Offered for variable credit, 2-12 credit hours, maximum of 12 credit hours.**Credit hours:** 2-12**Contact hours:** Lecture: 2-12 Contact: 2-12**Levels:** Graduate**Schedule types:** Lecture**Department/School:** Computer Science

## Undergraduate Programs

- Computer Science, BS (p. 1097)

### 1) Program Educational Objectives

The graduates of the Bachelor of Science program in Department of Computer Science will:

- Design and implement computing solutions for practical problems posed by employers in industry, government and the nonprofit sector.
- Exhibit effective communication skills and teamwork.
- Achieve leadership roles and maintain high standards of professional ethics.
- Pursue graduate studies or employment in industries in computer science and other fields.

### 2) Student Outcomes

The student outcomes for the BS degree program listed below help in achieving the Program Educational Objectives.

- Analyze a complex computing problem and apply principles of computing and other relevant disciplines to identify solutions.
- Design, implement, and evaluate a computing-based solution to meet a given set of computing requirements in the context of the program's discipline.
- Communicate effectively in a variety of professional contexts.
- Recognize professional responsibilities and make informed judgments in computing practice based on legal and ethical principles.
- Function effectively as a member or leader of a team engaged in activities appropriate to the program's discipline.
- Apply computer science theory and software development fundamentals to produce computing-based solutions.

## Graduate Programs MS and PhD Programs

The department offers degree programs in the Master of Science degree and the Doctor of Philosophy degree. These programs are designed to prepare an individual to pursue a career in either an academic or an industrial setting. In addition to taking a prescribed set of core courses, a student must take sufficient courses in one specialized area. A student must complete a dissertation for a PhD degree. The MS degree program provides a thesis option and a non-thesis option. The non-thesis option requires a student to complete a report.



The core course requirement assures the student of breadth of knowledge in computer science; the freedom to choose an area and additional research provides the student enough depth in some facets of computer science to carry out independent investigations in those areas, and to put concepts and ideas learned to practical use.

For a master's degree in the thesis option, 30 hours of graduate credit, including a six-credit-hour thesis, are required. For a master's degree in the non-thesis option, 33 hours of graduate credit, including a two-credit-hour report, are required. A master's degree student in thesis option is required to pass an oral examination over the thesis. Students pursuing non-thesis option are required to present their work during an end of semester poster session. Students' advisory committee members may ask questions during the poster session or at another scheduled presentation time.

For the PhD, 60 credit hours beyond a master's degree or 90 hours beyond a bachelor's degree are required. A dissertation of 15 to 40 hours (counting towards the maximum) is required. The PhD dissertation must describe original research. PhD students must pass (at an appropriate level) a diagnostic examination, a comprehensive examination, a qualifying examination and a final oral examination.

The candidate's baccalaureate degree need not be in computer science in order to enter the MS program. Students with degrees in other areas may be admitted provisionally and required to take specified prerequisite courses.

More information is available at [https://cas.okstate.edu/department\\_of\\_computer\\_science/students/graduate/index.html](https://cas.okstate.edu/department_of_computer_science/students/graduate/index.html) ([https://cas.okstate.edu/department\\_of\\_computer\\_science/students/graduate/](https://cas.okstate.edu/department_of_computer_science/students/graduate/)).

## Graduate Certificate Program in Big Data Analytics

The goal of the big data analytics program is to facilitate the capture, curation, storage, search, transfer, and analysis of large and complex data sets that have direct relevance to everyday situations and problems. The program covers core topics such as big data management, machine learning/data analytics and statistics.

The graduate certificate in Big Data Analytics may be completed in conjunction with the master's degree in Computer Science without enrolling for extra hours. To see required courses for this program, please go to: <https://cs.okstate.edu/bigdatacert.html>. (<https://cs.okstate.edu/bigdatacert.html>)

## Minors

- Applied Computer Programming (APCP), Minor (p. 1094)
- Computer Science (CS), Minor (p. 1096)

## Faculty

Blayne E. Mayfield, PhD—Professor and Interim Head

**Professors:** J. Cecil, PhD; K.M. George, PhD; Johnson Thomas, PhD

**Associate Professors:** Christopher Crick, PhD; H.K. Dai, PhD; Douglas R. Heisterkamp, PhD; Nohpill Park, PhD

**Assistant Professors:** Sathyanarayanan Aakur, PhD; Arunkumar Bagavathi, PhD; Rittika Shamsuddin, PhD

**Teaching Assistant Professors:** Sadiq Al Buhamood, PhD; Sachin Jain, PhD; Shital Joshi, PhD; Vishalini Ramnath, PhD

**Visiting Assistant Professors:** Rehka Bhowmik, PhD

## Applied Computer Programming (APCP), Minor

For additional information on requirements on minors, click here (<https://adminfinance.okstate.edu/site-files/documents/policies/requirements-for-undergraduate-and-graduate-minors.pdf>).

**Requirements for Students Matriculating in or before Academic Year 2022-2023.** Learn more about University Academic Regulation 3.1 (p. 943).

**Minimum grade and/or GPA:** Minimum grade of "C" and 2.0 GPA.

**Total Hours:** 18

Code	Title	Hours
<b>Required Courses</b>		
CS 1113	Computer Science I (A) <sup>1</sup>	3
MATH 1513	College Algebra (A) (or higher) <sup>1</sup>	3
Select six hours from CS courses (except CS 1003 and CS 4883).		6
Select six hours from the following:		6
CS courses, except CS 1003 and CS 4883		
ENGR 1412	Introductory Engineering Computer Programming	
MSIS 2103	Business Data Science Technologies	
MSIS 2203	Computer Programming for Business	
MSIS 3103	End User Database Systems Design and Management	
MSIS 3163	Web Design Essentials	
MSIS 3203	Advanced Computer Programming for Business	
MSIS 3333	Database Systems Development	
MSIS 3393	Advanced Spreadsheet Modeling and Programming	
MSIS 4713	Scripting Essentials	
<b>Total Hours</b>		<b>18</b>

1

College Algebra is a prerequisite to CS 1113.

## Additional OSU Requirements Undergraduate Minors

- An undergraduate minor must include between fifteen and thirty hours, inclusive of undergraduate coursework.
- A minimum of six credit hours for the minor must be earned in residence at OSU.
- The courses required for a minor may be included in the course requirements for any undergraduate degree or they may be in addition to degree requirements, depending on the overlap between the minor and degree requirements. However, an undergraduate minor must be earned in an academic field other than the student's declared degree option. The minor may not duplicate the degree major or option (for example, a student who earns a BA in Art with an Art History option may earn a minor in Studio Art but not Art History).
- A student generally follows the minor requirements associated with his or her matriculation year or newer requirements that have been established since matriculation. The time limit for following requirements from a given academic year is six years.

# Applied Computer Programming, BS

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**Requirements for Students Matriculating in or before Academic Year 2022-2023.** Learn more about University Academic Regulation 3.1 (p. 943).

**Minimum Overall Grade Point Average:**

**Total Hours:**

Code	Title	Hours
Courses go here		

## Additional State/OSU Requirements

- At least: 60 hours at a four-year institution; 30 hours completed at OSU; 15 of the final 30 or 50% of the upper-division hours in the major field completed at OSU.
- Limit of: one-half of major course requirements as transfer work; one-fourth of hours earned by correspondence; 8 transfer correspondence hours.
- Students will be held responsible for degree requirements in effect at the time of matriculation and any changes that are made, so long as these changes do not result in semester credit hours being added or do not delay graduation.
- Degrees that follow this plan must be completed by the end of Summer 2028.

## Computer Science (CS), Minor

**Requirements for Students Matriculating in or before Academic Year 2022-2023.** Learn more about University Academic Regulation 3.1 (p. 943).

Cara Brun, 213 LSE, 405-744-5658

**Total Hours:** 21

Code	Title	Hours
<b>Minor Requirements</b>		
9 hours of the following:		9
CS 1113	Computer Science I (A) (was CS 2113)	
CS 2133	Computer Science II	
CS 3443	Computer Systems	
or ECEN 3213	Computer Based Systems in Engineering	
Select 12 hours from CS 2433 or CS 3000-level or CS 4000-level courses.		12
<b>Total Hours</b>		<b>21</b>

### Other Requirements

- One course must be 4000 level.
- No more than two courses can be transferred from another college or university.
- No grade below a "C."

### Additional OSU Requirements

#### Undergraduate Minors

- An undergraduate minor must include between fifteen and thirty hours, inclusive of undergraduate coursework.
- A minimum of six credit hours for the minor must be earned in residence at OSU.
- The courses required for a minor may be included in the course requirements for any undergraduate degree or they may be in addition to degree requirements, depending on the overlap between the minor and degree requirements. However, an undergraduate minor must be earned in an academic field other than the student's declared degree option. The minor may not duplicate the degree major or option (for example, a student who earns a BA in Art with an Art History option may earn a minor in Studio Art but not Art History).
- A student generally follows the minor requirements associated with his or her matriculation year or newer requirements that have been established since matriculation. The time limit for following requirements from a given academic year is six years.

For additional information on requirements on minors, click here (<https://adminfinance.okstate.edu/site-files/documents/policies/requirements-for-undergraduate-and-graduate-minors.pdf>).

# Computer Science, BS

## Degree Requirements

**Requirements for Students Matriculating in or before Academic Year 2022-2023.** Learn more about University Academic Regulation 3.1 (p. 943).

**Minimum Overall Grade Point Average:** 2.00

**Total Hours:** 120

Code	Title	Hours
<b>General Education Requirements</b>		
<i>English Composition</i>		
See Academic Regulation 3.5 (p. 944)		
ENGL 1113	Composition I	3
or ENGL 1313	Critical Analysis and Writing I	
Select one of the following:		3
ENGL 1213	Composition II	
ENGL 1413	Critical Analysis and Writing II	
ENGL 3323	Technical Writing	
<i>American History &amp; Government</i>		
HIST 1103	Survey of American History	3
or HIST 1483	American History to 1865 (H)	
or HIST 1493	American History Since 1865 (DH)	
POLS 1113	American Government	3
<i>Analytical &amp; Quantitative Thought (A)</i>		
CS 1113	Computer Science I (A)	3
MATH 2144	Calculus I (A)	4
<i>Humanities (H)</i>		
Courses designated (H)		6
<i>Natural Sciences (N)</i>		
Must include one Laboratory Science (L) course.		
Courses designated (N)		6
<i>Social &amp; Behavioral Sciences (S)</i>		
SPCH 2713	Introduction to Speech Communication (S)	3
<i>Additional General Education</i>		
Courses designated (A), (H), (N), or (S)		6
<b>Hours Subtotal</b>		<b>40</b>
<b>Diversity (D) &amp; International Dimension (I)</b>		
May be completed in any part of the degree plan		
Select at least one Diversity (D) course		
Select at least one International Dimension (I) course		
<b>College/Departmental Requirements</b>		
<i>First Year Seminar</i>		
(Transfer students with 15 hours exempt)		1
<i>Arts &amp; Humanities</i>		
See note 2.a.		3
<i>Natural &amp; Mathematical Sciences</i>		
CS 2133	Computer Science II	3
MATH 2153	Calculus II (A)	3
STAT 4033	Engineering Statistics	3
<i>Foreign Languages</i>		
See note 3		

0-6 hours		
<i>Upper Division General Education</i>		
Select 6 hours outside major department (see note 2.c.)		
<b>Hours Subtotal</b>		<b>13</b>
<b>Major Requirements</b>		
Minimum major GPA 2.50 with a minimum grade of "C" in each course and all MATH and CS courses		
CS 3353	Data Structures and Algorithm Analysis I	3
CS 3363	Organization of Programming Languages	3
CS 3443	Computer Systems	3
CS 3513	Numerical Methods for Digital Computers	3
CS 3613	Theoretical Foundations of Computing	3
CS 3653	Discrete Mathematics for Computer Science	3
CS 4243	Introduction to Computer Security	3
CS 4323	Design and Implementation of Operating Systems I	3
CS 4883	Social Issues in Computing	3
CS 4983	Senior Capstone Project	3
MATH 2163	Calculus III	3
MATH 3013	Linear Algebra (A)	3
Select one of the following:		3
ENGL 3323	Technical Writing	
BCOM 3113	Written Communication	
BCOM 3223	Oral Communication	
SPCH 3723	Business and Professional Communication	
<i>CS electives</i>		
Select 12 hours CS electives (upper-division courses and CS 2433 and excluding CS 4113)		12
Select 6 hours in the following areas:		6
Computer Science (upper-division courses and CS 2433 and excluding CS 4113)		
Engineering (upper-division courses)		
Geography (GEOG 3333, GEOG 4303, GEOG 4323, GEOG 4333, GEOG 4343, GEOG 4353, GEOG 4383)		
Management Science and Information Systems (upper-division courses)		
Mathematics (upper-division courses and MATH 2233 and excluding MATH 3303, MATH 3403, and MATH 3603)		
Natural Sciences (upper-division courses with natural science designation or upper-division courses in BIOC, BIOL, CHEM, GEOL, MICR, PBIO, PHYS)		
Statistics (upper-division courses)		
<b>Hours Subtotal</b>		<b>57</b>
<b>Electives</b>		
Select 10 hours of electives		10
May need to include 6 hours of a foreign language. See note 3		
May need to include 6 hours upper-division general education outside major department (see note 2.c.)		
May need to include MATH 1513 and/or MATH 1813 if student does not place into MATH 2144.		
<b>Hours Subtotal</b>		<b>10</b>
<b>Total Hours</b>		<b>120</b>

## CS Electives

Code	Title	Hours
CS 2433	C/C++ Programming	3
CS 3030	Industrial Practice in Computer Science	1-6
CS 3570	Special Problems in Computer Science	1-6
CS 4143	Computer Graphics	3
CS 4153	Mobile Applications Development	3
CS 4173	Video Game Development	3
CS 4183	Video Game Design	3
CS 4273	Software Engineering	3
CS 4283	Computer Networks	3
CS 4373	Agile Software Development	3
CS 4433	Introduction to Database Systems	3
CS 4513	Introduction to Numerical Analysis	3
CS 4523	Cloud Computing and Distributed Systems	3
CS 4570	Special Topics in Computing	1-3
CS 4623	Introduction to Cyber Physical Systems	3
CS 4743	Extended Reality	3
CS 4783	Machine Learning	3
CS 4793	Artificial Intelligence I	3
CS 4993	Senior Honors Project	3

## Other Requirements

- See the College of Arts and Sciences Requirements.
- **Upper-Division Credit:** Total hours must include at least 40 hours in courses numbered 3000 or above.
- **Hours in One Department:** For B.A. and B.S. degrees, no more than 54 hours in one department may be applied to degree requirements.

## College of Arts and Sciences Requirements

### 1. General Education Requirements

No more than two courses (or eight hours) from the major department (<http://catalog.okstate.edu/college-arts-sciences-major-departments/>) may be used to meet General Education and College and Departmental Requirements. The General Education required English Composition, required U.S. History, required American Government, one required MATH or STAT course, and required foreign language for B.A. degrees do not count against the two-course maximum.

### 2. A&S College/Departmental Requirements

- Arts and Humanities are defined as any course carrying an (H) designation or courses from AMST, ART, DANC, ENGL (except ENGL 3323 Technical Writing) HIST, MUSI, PHIL (except PHIL 1313 Logic and Critical Thinking (A), PHIL 3003 Symbolic Logic (A) and PHIL 4003 Mathematical Logic and Computability), REL, TH, and foreign languages.
- Natural and Mathematical Sciences are defined as any course from the following prefixes: ASTR, BIOC, BIOL, CHEM, CS (except CS 4883 Social Issues in Computing), GEOL, MATH, MICR, PBIO, PHYS, and STAT; or courses from other departments that carry an (A) or (N) general education designation.
- The required six hours of upper-division General Education may not include courses from the student's major department. This requirement may be satisfied by courses also used to satisfy any

part of a student's degree program (i.e., in General Education, College Departmental Requirements, Major Requirements or Electives).

- Non-Western Studies Requirement for B.A. and B.F.A.; One 3-hour course in Non-Western Studies (N.W.). This requirement may be satisfied by courses also used to satisfy any part of a student's degree program (i.e., in General Education, College Departmental Requirements, Major Requirements or Electives).
  - The College of Arts & Sciences requires a minimum 2.0 GPA in all major requirements and a minimum 2.0 GPA in all major-prefix courses applied to the degree.
- ### 3. Foreign Language Proficiency
- The foreign language requirement for the B.A. may be satisfied by 9 hours college credit in the same language, which must include 3 hours at the 2000-level, or equivalent proficiency (e.g., passing an advanced standing examination; TOEFL exam; presenting a high school transcript which demonstrates the high school was primarily conducted in a language other than English; etc.). Computer Science courses may not be used to satisfy this requirement. Currently Arabic and Mvskoke are not offered at the 2000-level at OSU.
  - The foreign language requirement for the B.S., B.M. and B.F.A. may be satisfied by presenting a high school transcript which demonstrates two years of study of a single foreign language (passing grades at second-year level of study). It may also be satisfied by 6 hours college credit in the same language, which must include language courses 1713 and 1813, or equivalent proficiency (e.g., passing an advanced standing examination; TOEFL exam; presenting a high school transcript which demonstrates the high school was primarily conducted in a language other than English; etc.). Computer Science courses may not be used to satisfy this requirement.
  - In addition to a. and b., students pursuing teacher certification must meet novice-high foreign language proficiency by presenting a high school transcript which demonstrates two years of study of a single foreign language with no grade below B. Or, students may complete 3 hours college credit in a single language with no grade below C (or pass an advanced standing examination, College Level Examination Program (CLEP) exam, or Oral Proficiency Interview developed by the American Council on the Teaching of Foreign Languages, equivalent to 3 hours of college credit.) Or, students may meet the requirement by transfer of documentation of meeting the foreign language competency from one of the teacher education programs in the State of Oklahoma approved by the Oklahoma State Regents for Higher Education.
- ### 4. Exclusions

- Courses used to satisfy the General Education English Composition, U.S. History, American Government, and Mathematics or Statistics requirements will not count toward the 54-hour maximum allowed from one department.
- Courses with ATHL or LEIS prefixes and leisure activity courses may not be used for degree credit.

## Additional State/OSU Requirements

- At least: 60 hours at a four-year institution; 30 hours completed at OSU; 15 of the final 30 or 50% of the upper-division hours in the major field completed at OSU.



- Limit of: one-half of major course requirements as transfer work; one-fourth of hours earned by correspondence; 8 transfer correspondence hours.
- Students will be held responsible for degree requirements in effect at the time of matriculation and any changes that are made, so long as these changes do not result in semester credit hours being added or do not delay graduation.
- Degrees that follow this plan must be completed by the end of Summer 2028.

Major, College, and Elective courses		6
<b>Hours</b>		<b>15</b>
<b>Spring</b>		
CS 4323	Design and Implementation of Operating Systems I	3
CS 4883	Social Issues in Computing	3
CS 4983	Senior Capstone Project	3
3 hours Upper-Division CS Elective		3
Major, College, and Elective courses		3
<b>Hours</b>		<b>15</b>
<b>Total Hours</b>		<b>120</b>

1

Speak with academic advisor about saving General Education electives and Humanities (H) for Upper-division courses with International (I) and Diversity (D) dimensions.

## Example Plan of Study Finish in Four Plan of Study

The plan below is an example of how students can successfully complete degree requirements in four years. This suggested class schedule plan may be used as a guide and can be adjusted based on individual needs. Students are required to meet with an academic advisor prior to enrollment each semester to plan their class schedule, and students are ultimately responsible for completing all degree requirements.

Course	Title	Hours
<b>Freshman</b>		
<b>Fall</b>		
MATH 2144	Calculus I (A)	4
CS 1113	Computer Science I (A)	3
General Education courses		8
<b>Hours</b>		<b>15</b>
<b>Spring</b>		
MATH 2153	Calculus II (A)	3
CS 2133	Computer Science II	3
General Education courses		9
<b>Hours</b>		<b>15</b>
<b>Sophomore</b>		
<b>Fall</b>		
CS 2433	C/C++ Programming	3
CS 3653	Discrete Mathematics for Computer Science	3
MATH 2163	Calculus III	3
General Education courses		6
<b>Hours</b>		<b>15</b>
<b>Spring</b>		
CS 3353	Data Structures and Algorithm Analysis I	3
CS 3443	Computer Systems	3
MATH 3013	Linear Algebra (A)	3
Major, College, and Elective courses		6
<b>Hours</b>		<b>15</b>
<b>Junior</b>		
<b>Fall</b>		
CS 4243	Introduction to Computer Security	3
STAT 4033	Engineering Statistics	3
Major, College, and Elective courses		9
<b>Hours</b>		<b>15</b>
<b>Spring</b>		
CS 3613	Theoretical Foundations of Computing	3
3 hours Upper-Division CS Elective		3
Major, College, and Elective courses		9
<b>Hours</b>		<b>15</b>
<b>Senior</b>		
<b>Fall</b>		
CS 3363	Organization of Programming Languages	3
CS 3513	Numerical Methods for Digital Computers	3
3 hours Upper-Division CS Elective		3

## Departments of Military Studies

In agreement with the U.S. Air Force and the U.S. Army, OSU recognizes separate departments of Aerospace Studies and of Military Science as integral academic and administrative departments of the University. These two departments are administered within the framework of the College of Arts and Sciences. The two departments provide instruction under the basic and advanced Reserve Officers' Training Corps (ROTC) programs.

### Scholarships

The Army and Air Force ROTC programs offer a wide variety of four-, three- and two-year merit-based scholarship opportunities to qualified students interested in pursuing a commission in the Army or Air Force. ROTC scholarships provide payment for tuition, mandatory fees, books and a monthly subsistence allowance for the duration of the scholarship period. An additional university-based incentive scholarship of \$1,000.00 per semester is allocated to 10 ROTC scholarship recipients annually. Four-year National ROTC scholarships are offered annually to high school seniors, who will be entering college in the fall semester. Scholarship applications may be obtained through local high schools, online or by contacting the University's ROTC department. In addition, the Army ROTC Program offers four- and three-year Guaranteed Reserve Force Duty Scholarships annually to students interested in pursuing a commission as an officer in the Army National Guard or United States Army Reserve.

### Flexibility

ROTC at OSU offers a variety of programs, giving the student considerable flexibility in charting a path to commissioning in the Army or the Air Force. Programs are designed so those individuals in all OSU colleges, departments and majors can tailor their academic/ROTC curriculum in order to attain commissioned status. Opportunities also exist in both Army and Air Force ROTC for the student to "test the water" early in his or her academic program by participating in basic familiarization courses. Those interested in learning more about ROTC at OSU, or in enrolling, are urged to contact the professor of aerospace studies or professor of military science in Thatcher Hall on campus.

### Courses

#### MLSC 1113 Foundations of Officership

**Description:** Lecture: Team study and activities in basic drill, physical fitness, rappelling, leadership reaction course, first aid, presentations and basic marksmanship. Fundamentals of leadership. Optional weekend exercise. Lab: Learning and practicing basic skills such as rappelling, drill and ceremony, land navigation, individual first aid, individual training in small unit tactics. Previously offered as MLSC 1112.

**Credit hours:** 3

**Contact hours:** Lecture: 2 Lab: 2 Contact: 4

**Levels:** Undergraduate

**Schedule types:** Lab, Lecture, Combined lecture and lab

**Department/School:** Military Science

#### MLSC 1213 Basic Leadership

**Description:** Lecture: Principles of effective leading, communication skills and organizational ethical values. Optional weekend exercise. Lab: Learning and practicing basic skills such as rappelling, drill and ceremony, land navigation, individual first aid, individual training in small unit tactics. Previously offered as MLSC 1212.

**Credit hours:** 3

**Contact hours:** Lecture: 2 Lab: 2 Contact: 4

**Levels:** Undergraduate

**Schedule types:** Lab, Lecture, Combined lecture and lab

**Department/School:** Military Science

#### MLSC 2122 Leader's Training Course

**Prerequisites:** Must meet with Department head and have their approval.

**Description:** For students who have not completed all of basic ROTC. A four-week summer camp similar to Army Basic Training. No military obligation incurred. Completion of MLSC 2122 qualifies a student for entry into the Advanced Course.

**Credit hours:** 2

**Contact hours:** Lab: 4 Contact: 4

**Levels:** Undergraduate

**Schedule types:** Lab

**Department/School:** Military Science

#### MLSC 2130 Military Physical Conditioning

**Prerequisites:** Must be enrolled in a MLSC lecture class: MLSC 1213, or MLSC 1113, or MLSC 2233, or MLSC 2313, or MLSC 3113, or MLSC 3223, or MLSC 4123, or MLSC 4223.

**Description:** Participation in and learning to plan and lead a physical fitness program. Development of an individual fitness program and the role of exercise and fitness in person's life. Offered for 1 hour fixed credit. Maximum of 2 credit hours.

**Credit hours:** 1

**Contact hours:** Lab: 2 Contact: 2

**Levels:** Undergraduate

**Schedule types:** Lab

**Department/School:** Military Science

#### MLSC 2233 Individual Leadership Studies

**Description:** Ethics-based leadership skills that develop individual abilities and contribute to the building of effective teams. Skills in oral presentation, writing, planning, coordinating groups, land navigation and basic military tactics.

**Credit hours:** 3

**Contact hours:** Lecture: 2 Lab: 2 Contact: 4

**Levels:** Undergraduate

**Schedule types:** Lab, Lecture, Combined lecture and lab

**Department/School:** Military Science

#### MLSC 2313 Leadership and Teamwork

**Prerequisites:** MLSC 2233.

**Description:** Individual and team aspects of military tactics in small unit operations. Safety assessment, movement techniques, planning for team safety and security and methods of pre-execution checks. Training techniques for continued leadership development.

**Credit hours:** 3

**Contact hours:** Lecture: 2 Lab: 2 Contact: 4

**Levels:** Undergraduate

**Schedule types:** Lab, Lecture, Combined lecture and lab

**Department/School:** Military Science

**MLSC 3113 Leadership and Problem Solving**

**Prerequisites:** Completion of lower-division MLSC or equivalent, and approval of professor of military science.

**Description:** Practical opportunities to lead small groups in situations of increasing complexity receiving personal assessments and encouragement. Use of small unit defensive tactics and opportunities to plan and conduct training for lower-division students both to develop such skills and as vehicles for practicing leading.

**Credit hours:** 3

**Contact hours:** Lecture: 2 Lab: 2 Contact: 4

**Levels:** Undergraduate

**Schedule types:** Lab, Lecture, Combined lecture and lab

**Department/School:** Military Science

**MLSC 3223 Leadership and Ethics**

**Prerequisites:** MLSC 3113.

**Description:** Analysis of tasks; preparation of written or oral guidance for team members to accomplish tasks. Delegating tasks and supervising. Planning and adapting to the unexpected in organizations under stress. Examination and application of lessons from leadership case studies. Examination of importance of ethical decision-making in setting a positive climate that enhances team performance.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Military Science

**MLSC 4014 Leader Development and Assessment Course**

**Prerequisites:** Must meet with Department Head and have their approval.

**Description:** A five-week camp conducted at an Army post. Individual leadership and basic skills performance.

**Credit hours:** 4

**Contact hours:** Lab: 8 Contact: 8

**Levels:** Undergraduate

**Schedule types:** Lab

**Department/School:** Military Science

**MLSC 4123 Leadership and Management**

**Prerequisites:** MLSC 3113 and MLSC 3223.

**Description:** Planning conducting and evaluating activities of the ROTC cadet organization. Articulating goals, putting plans into action to attain them. Assessing organizational cohesion and developing strategies to improve it. Developing confidence in skills to lead people and manage resources.

**Credit hours:** 3

**Contact hours:** Lecture: 2 Lab: 2 Contact: 4

**Levels:** Undergraduate

**Schedule types:** Lab, Lecture, Combined lecture and lab

**Department/School:** Military Science

**MLSC 4223 Officership**

**Prerequisites:** MLSC 3113 and MLSC 3223.

**Description:** Continuation of the methodology from MLSC 4123. Identification and resolution of ethical dilemmas. Refining counseling and motivating techniques. Examination of aspects of tradition and law as related to leading as an officer in the Army.

**Credit hours:** 3

**Contact hours:** Lecture: 2 Lab: 2 Contact: 4

**Levels:** Undergraduate

**Schedule types:** Lab, Lecture, Combined lecture and lab

**Department/School:** Military Science

**MLSC 4422 The Tactical Planning Process**

**Prerequisites:** ROTC advanced course status or consent of department head.

**Description:** The tactical planning process and its components. Computer tactical simulations used to organize and synchronize the process.

**Credit hours:** 2

**Contact hours:** Lecture: 2 Contact: 2

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Military Science

**Faculty**

Glenn S. Krutz, PhD—Coordinator

## Economics

See "Economics (p. 2602)" in the "Spears School of Business" section for additional information.

Economics is a science of human choice. The study of economics centers on what motivates us to act and, more importantly, the consequences to ourselves and to others of our actions. It provides a comprehensive view of how a society is organized to transform its limited resources into want-satisfying goods and services. It investigates the principles underlying the operation of the economic system and seeks to determine its weaknesses and to prescribe policies that will improve its operation. In the process, economic principles are used to address a host of the most important problems confronting contemporary society—the causes of and remedies for depression and inflation, the determinants of and methods for improving income distribution, poverty problems and welfare measures, the role of the government in economic activity, the requisites for economic growth and development, pollution and congestion and their control.

The primary objectives sought in the undergraduate curriculum are to develop a broad understanding and perspective of the economic aspects of people's activities, coupled with thorough training in the fundamental tools of economic analyses. Toward these ends is the development of elementary mathematical and statistical skills and complementary study in the social and behavioral sciences.

A major in economics prepares students for positions with business firms, non-profit private organizations and government agencies—both national and international. It provides an excellent background for the study of law. An international economic relations option is also offered. A degree option in business economics and quantitative studies is offered through the Spears School of Business to provide additional training in analytical methods and communication skills for both public and private sector occupations. A student interested in pursuing graduate studies in Economics should include a wide range of math courses in their undergraduate curriculum.

## Courses

### ECON 1113 The Economics of Social Issues (S)

**Description:** Issues-oriented approach. Basic economic principles introduced and developed through study of important social issues: for example, inflation, unemployment, poverty, discrimination, crime, population growth and environmental quality. Develops the economist's approach to social problems, and evaluates the contribution of economics to their solution. May not be used for degree credit with ECON 2003 or ECON 2103. No general education credit for students also taking AGECE 1113.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Economics&Legal Studie

**General Education and other Course Attributes:** Social & Behavioral Sciences

### ECON 2003 Microeconomic Principles for Business

**Description:** Goals, incentives and outcomes of economic behavior with applications and illustrations relevant to business: operation of markets for goods, services and factors of production; the behavior of firms and industries for different types of competition; and international exchange. May not be used for degree credit with ECON 1113 or ECON 2103.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Economics&Legal Studie

### ECON 2103 Introduction to Microeconomics (S)

**Description:** Goals, incentives and outcomes of economic behavior with applications and illustrations from current social issues: operation of markets for goods, services and factors of production; the behavior of firms and industries in different types of competition; income distribution; and international exchange. May not be used for degree credit with ECON 1113 or ECON 2003. No general education credit for students also taking AGECE 1113. Previously offered as ECON 2023.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Economics&Legal Studie

**General Education and other Course Attributes:** Social & Behavioral Sciences

### ECON 2203 Introduction to Macroeconomics

**Prerequisites:** ECON 2103 or ECON 1113 or AGECE 1113 or ECON 2003.

**Description:** The functioning and current problems of the aggregate economy: determination and analysis of national income, employment, inflation and stabilization; monetary and fiscal policy; and aspects of international interdependence. Previously offered as ECON 2013.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Economics&Legal Studie

### ECON 3010 Special Topics in Economics

**Prerequisites:** ECON 2203, prior approval of instructor.

**Description:** Analysis of a contemporary topic in economics. Course content will vary to reflect changing social issues and trends in applied economics. Offered for variable credit, 1-3 credit hours, maximum of 9 credit hours.

**Credit hours:** 1-3

**Contact hours:** Contact: 1-3 Other: 1-3

**Levels:** Undergraduate

**Schedule types:** Independent Study

**Department/School:** Economics&Legal Studie

### ECON 3023 Managerial Economics

**Prerequisites:** ECON 2103 or AGECE 1113 or ECON 2003.

**Description:** Application of economic theory and methodology to decision problems of private industry, nonprofit institutions and government agencies; demand and cost analysis, forecasting, pricing and investment.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Economics&Legal Studie

**ECON 3033 Economics of Entrepreneurship and Innovation****Prerequisites:** 3 credit hours in Economics.**Description:** Explores the process of economic innovation and entrepreneurship from both microeconomic and macroeconomic perspectives. Key topics include risk and uncertainty, the psychology of innovation, institutional change, product versus process innovation, the externality of innovation, innovation profit, innovation life cycle, innovation diffusion, and business cycle instability.**Credit hours:** 3**Contact hours:** Lecture: 3 Contact: 3**Levels:** Undergraduate**Schedule types:** Lecture**Department/School:** Economics&Legal Studie**ECON 3113 Intermediate Microeconomics****Prerequisites:** ECON 2103 or ECON 2003 and either MATH 2103 or MATH 2123 or MATH 2144.**Description:** How the market organizes economic activity and an evaluation of its performance. Principles of price theory developed and applied to the interactions of consumers, producers and resource owners in markets characterized by different degrees of competition.**Credit hours:** 3**Contact hours:** Lecture: 3 Contact: 3**Levels:** Undergraduate**Schedule types:** Lecture**Department/School:** Economics&Legal Studie**ECON 3123 Intermediate Macroeconomics****Prerequisites:** ECON 2203 and either MATH 2103 or MATH 2144.**Description:** Development of a theoretical framework for studying the determinants of national income, employment and general price level. National income accounting, consumption, investment, government spending and taxation, the supply of and demand for money. Monetary, fiscal and incomes policies considered with regard to unemployment, inflation and economic growth.**Credit hours:** 3**Contact hours:** Lecture: 3 Contact: 3**Levels:** Undergraduate**Schedule types:** Lecture**Department/School:** Economics&Legal Studie**ECON 3213 Game Theory and Experimental Economics****Prerequisites:** Three credit hours in economics.**Description:** The fundamentals of strategic actions presented in a game theory context and the validation of these ideas with economic experiments.**Credit hours:** 3**Contact hours:** Lecture: 3 Contact: 3**Levels:** Undergraduate**Schedule types:** Lecture**Department/School:** Economics&Legal Studie**ECON 3313 Money and Banking****Prerequisites:** ECON 2203.**Description:** The economics of money and banking. Operations of commercial banks and structure and competition of the banking industry. Organization and operation of the Federal Reserve System and its effects on interest rates, employment and prices. An introduction to monetary economics and international banking concludes the course.**Credit hours:** 3**Contact hours:** Lecture: 3 Contact: 3**Levels:** Undergraduate**Schedule types:** Lecture**Department/School:** Economics&Legal Studie**ECON 3423 Public Finance****Prerequisites:** ECON 2003 or ECON 2203.**Description:** The economics of the government sector. Scope of government activity, efficiency in government expenditures, federal budget, fiscal and debt management policy. Principles of taxation. Major tax sources, tax distribution, tax issues. Current public finance problems such as revenue sharing, negative income tax, urban transport systems and national health insurance.**Credit hours:** 3**Contact hours:** Lecture: 3 Contact: 3**Levels:** Undergraduate**Schedule types:** Lecture**Department/School:** Economics&Legal Studie**ECON 3513 Labor Economics****Prerequisites:** ECON 2003.**Description:** The economic analysis of labor markets. Topics include labor supply and demand, the impact of education and training, labor migration, the structure of wages, discrimination and labor unions.**Credit hours:** 3**Contact hours:** Lecture: 3 Contact: 3**Levels:** Undergraduate**Schedule types:** Lecture**Department/School:** Economics&Legal Studie**ECON 3613 International Economic Relations (IS)****Prerequisites:** ECON 2003 or ECON 2203.**Description:** International trade and finance; international economic organizations; the foreign economic policy of the U.S.**Credit hours:** 3**Contact hours:** Lecture: 3 Contact: 3**Levels:** Undergraduate**Schedule types:** Lecture**Department/School:** Economics&Legal Studie**General Education and other Course Attributes:** International Dimension, Social & Behavioral Sciences**ECON 3703 Introduction to Mathematical Economics****Prerequisites:** One from each of the following groups - MATH 1483 or MATH 1513; ECON 2003 or ECON 2103.**Description:** Essential mathematical knowledge suitable for economic analysis. Particular emphasis is on learning and using algebra and calculus based techniques as well as optimization theory for analyzing economic decisions. Topics covered include economic applications of basic algebra, calculus, matrix algebra, and etc.**Credit hours:** 3**Contact hours:** Lecture: 3 Contact: 3**Levels:** Undergraduate**Schedule types:** Lecture**Department/School:** Economics&Legal Studie**ECON 3713 Introduction to Industrial Organization****Prerequisites:** ECON 2003.**Description:** A branch of Microeconomics specializing in questions related to imperfect competition, effect of market structure on behavior of firms, monopoly power, anti-competitive practices and anti-trust issues. An introduction on strategic competition between firms, how this is related to market structure and market power.**Credit hours:** 3**Contact hours:** Lecture: 3 Contact: 3**Levels:** Undergraduate**Schedule types:** Lecture**Department/School:** Economics&Legal Studie



**ECON 3723 The Economics of Sport****Prerequisites:** ECON 2103 or ECON 2003.**Description:** Using economic analysis to understand the world of professional and amateur sport. Emphasis will be on economic decision-making relevant to the teams, leagues and institutions in the world of sport.**Credit hours:** 3**Contact hours:** Lecture: 3 Contact: 3**Levels:** Undergraduate**Schedule types:** Lecture**Department/School:** Economics&Legal Studie**ECON 3823 American Economy: The Past and Present (S)****Description:** Economic development and economic forces in American history; emphasis upon industrialization and its impact upon our economic society since the Civil War.**Credit hours:** 3**Contact hours:** Lecture: 3 Contact: 3**Levels:** Undergraduate**Schedule types:** Lecture**Department/School:** Economics&Legal Studie**General Education and other Course Attributes:** Social & Behavioral Sciences**ECON 3903 Economics of the Environment****Prerequisites:** ECON 2103 or ECON 2003.**Description:** Economic and political factors that influence the formation and implementation of environmental policy. Environmental policy instruments such as pollution taxes, standards and marketable pollution permits are discussed. Measurement of environmental damages and risk are also considered.**Credit hours:** 3**Contact hours:** Lecture: 3 Contact: 3**Levels:** Undergraduate**Schedule types:** Lecture**Department/School:** Economics&Legal Studie**ECON 4113 Energy Economics: Traditional and Renewable Energy Markets****Prerequisites:** ECON 2103 or ECON 2003 and either MATH 2103 or MATH 2144.**Description:** This course examines economic theory, empirical perspectives, and the political economy of energy supply and demand. It discusses aspects of local, national and global markets for oil, natural gas, coal, electricity, nuclear power, and renewable energy. In the course, we will examine public policies affecting energy markets including taxes, price regulation, energy efficiency, and control of emissions. Same course as ECON 5733.**Credit hours:** 3**Contact hours:** Lecture: 3 Contact: 3**Levels:** Undergraduate**Schedule types:** Lecture**Department/School:** Economics&Legal Studie**ECON 4213 Econometric Methods****Prerequisites:** ECON 2003 or ECON 2203. STAT 2013 or STAT 2023 or STAT 2053.**Description:** Basic quantitative methods used in economic analysis emphasizing applications to economic problems and interpretation of empirical results. Statistical analyses, regression and forecasting techniques using computer programs.**Credit hours:** 3**Contact hours:** Lecture: 3 Contact: 3**Levels:** Undergraduate**Schedule types:** Lecture**Department/School:** Economics&Legal Studie**ECON 4223 Business and Economic Forecasting****Prerequisites:** ECON 2003 or ECON 2203. STAT 2013 or STAT 2023 or STAT 2053.**Description:** Forecasting business and economic variables. Regression models and time series models such as exponential smoothing models, seasonal models, and Box-Jenkins models. Evaluation of methods and forecasting accuracy. Application of methods using computer programs.**Credit hours:** 3**Contact hours:** Lecture: 3 Contact: 3**Levels:** Undergraduate**Schedule types:** Lecture**Department/School:** Economics&Legal Studie**ECON 4233 Econometric Applications****Prerequisites:** ECON 2203 and 3 hours of statistics.**Description:** Econometric applications and data analysis used to conduct economic research and policy analysis. Econometric methods include the basics of linear regression, hypothesis testing, panel data, differences-in-differences, instrumental variables, and quantile regression. The emphasis is on the development of intuition and application rather than econometric theory.**Credit hours:** 3**Contact hours:** Lecture: 3 Contact: 3**Levels:** Undergraduate**Schedule types:** Lecture**Department/School:** Economics&Legal Studie**ECON 4643 International Economic Development (IS)****Prerequisites:** ECON 2003.**Description:** Problems of underdeveloped economics related to the world economy; obstacles to economic growth and policies for promoting growth.**Credit hours:** 3**Contact hours:** Lecture: 3 Contact: 3**Levels:** Undergraduate**Schedule types:** Lecture**Department/School:** Economics&Legal Studie**General Education and other Course Attributes:** International Dimension, Social & Behavioral Sciences**ECON 4850 Applied Studies in Economics****Prerequisites:** 12 credit hours in economics and consent of instructor.**Description:** Structured internship or field project with supporting academic study. Offered for variable credit, 1-6 credit hours, maximum of 6 credit hours.**Credit hours:** 1-6**Contact hours:** Contact: 1-6 Other: 1-6**Levels:** Undergraduate**Schedule types:** Independent Study**Department/School:** Economics&Legal Studie



**ECON 4913 Urban and Regional Economics****Prerequisites:** ECON 2003 or ECON 2203.**Description:** Theoretical, historical, and empirical examination of the economic forces that shape growth, development, land use, and location decisions in towns, cities and regions. Presents economic explanation for several urban problems such as sprawl, segregation, crime, pollution, traffic congestion, and inadequate housing and education. The role of state and local governments in addressing these problems is discussed.**Credit hours:** 3**Contact hours:** Lecture: 3 Contact: 3**Levels:** Undergraduate**Schedule types:** Lecture**Department/School:** Economics&Legal Studie**ECON 4933 Applied Economics****Prerequisites:** ECON 3113 and ECON 3123 and 6 additional hours of upper-division economics.**Description:** Essential skills in applied economics, including data collection, economics analysis, and presentation of findings. Specific applications may come from international trade and finance, econometrics, energy economics, public finance, labor economics, economic history, regional economics, and development, etc.**Credit hours:** 3**Contact hours:** Lecture: 3 Contact: 3**Levels:** Undergraduate**Schedule types:** Lecture**Department/School:** Economics&Legal Studie**ECON 4993 Economics Honors Thesis****Prerequisites:** Departmental invitation, senior standing, Honors Program participation.**Description:** A guided reading and research program ending with an honors thesis under the direction of a faculty member, with second faculty reader and oral examination. Required for graduation with departmental honors in economics.**Credit hours:** 3**Contact hours:** Contact: 3 Other: 3**Levels:** Undergraduate**Schedule types:** Independent Study**Department/School:** Economics&Legal Studie**General Education and other Course Attributes:** Honors Credit**ECON 5000 Research and Thesis****Description:** Workshop for the exploration and development of research topics. Research leading to the master's thesis. Offered for variable credit, 1-6 credit hours, maximum of 6 credit hours.**Credit hours:** 1-6**Contact hours:** Contact: 1-6 Other: 1-6**Levels:** Graduate**Schedule types:** Independent Study**Department/School:** Economics&Legal Studie**ECON 5003 Research Report****Prerequisites:** Consent of committee chairperson.**Description:** Supervised research for MS report.**Credit hours:** 3**Contact hours:** Contact: 3 Other: 3**Levels:** Graduate**Schedule types:** Independent Study**Department/School:** Economics&Legal Studie**Additional Fees:** Business Graduate Program fee of \$6 per credit hour applies.**ECON 5010 Research and Independent Studies****Prerequisites:** Consent of departmental committee under a workshop arrangement or supervised independent studies.**Description:** Offered for variable credit, 1-6 credit hours, maximum of 10 credit hours.**Credit hours:** 1-3**Contact hours:** Contact: 1-3 Other: 1-3**Levels:** Graduate**Schedule types:** Independent Study**Department/School:** Economics&Legal Studie**Additional Fees:** Business Graduate Program fee of \$6 per credit hour applies.**ECON 5033 Macroeconomic Analysis****Prerequisites:** Three hours of economics or consent of instructor.**Description:** Study of the determinants of aggregate output, employment, price level, and interest rates, including international aspects. Monetary, fiscal, and exchange rate policies and impact on the macroeconomy and business environment.**Credit hours:** 3**Contact hours:** Lecture: 3 Contact: 3**Levels:** Graduate**Schedule types:** Lecture**Department/School:** Economics&Legal Studie**Additional Fees:** Business Graduate Program fee of \$6 per credit hour applies.**ECON 5043 Microeconomic Analysis****Prerequisites:** ECON 3113 and MATH 2144 or consent of instructor.**Description:** A calculus-based microeconomics course developing basic consumer, producer, and equilibrium models.**Credit hours:** 3**Contact hours:** Lecture: 3 Contact: 3**Levels:** Graduate**Schedule types:** Lecture**Department/School:** Economics&Legal Studie**Additional Fees:** Business Graduate Program fee of \$6 per credit hour applies.**ECON 5113 Managerial Economics****Prerequisites:** Admission to a SSB graduate program or consent of MBA director.**Description:** Economic theory applied to business decision-making. Concepts of microeconomics and macroeconomics related to understanding the economic system, analysis of policy, forecasting, and international economics. No credit for PhD students in economics.**Credit hours:** 3**Contact hours:** Lecture: 3 Contact: 3**Levels:** Graduate**Schedule types:** Lecture**Department/School:** Economics&Legal Studie**Additional Fees:** Business Graduate Program fee of \$6 per credit hour applies.

**ECON 5173 Energy Economics**

**Prerequisites:** ECON 5113 or ECON 2103 or equivalent.

**Description:** Develop tools necessary to examine energy markets from an economics perspective and discuss aspects of local, national and global markets for oil, natural gas, coal, electricity, and renewable energy. The course examines public policies affecting energy markets including taxes, regulation, energy efficiency and control of emissions.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Graduate

**Schedule types:** Lecture

**Department/School:** Economics&Legal Studie

**ECON 5213 Introduction to Econometrics**

**Prerequisites:** STAT 3013 or equivalent; consent of instructor.

**Description:** Introductory course in econometric regression analysis for first year graduate students in economics, business and agricultural economics. A review of basic probability and statistics, linear regression with one or more explanatory variables, binary dependent variables regression, instrumental variables regression, the use of panel data, and program evaluation. Assessment of the internal validity of estimated models.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Graduate

**Schedule types:** Lecture

**Department/School:** Economics&Legal Studie

**Additional Fees:** Business Graduate Program fee of \$6 per credit hour applies.

**ECON 5263 Introduction to Econometrics II**

**Prerequisites:** ECON 5213 or equivalent; consent of instructor.

**Description:** Introductory course in econometric regression analysis for first year graduate students in economics, business and agricultural economics. Topics include microeconomic applications using panel data, qualitative choice and limited dependent variable models. Also, includes applications in macroeconomics and financial economics using regression analysis.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Graduate

**Schedule types:** Lecture

**Department/School:** Economics&Legal Studie

**ECON 5353 Austrian Economics: Theory & History**

**Description:** Explore the Austrian school of economics, its origins, history and theory. Austrian economics views the market as a dynamic process with entrepreneurship as its driving force. In contrast to competing paradigms, the Austrian school consistently applies value subjectivity, acknowledges the highly heterogeneous nature of productive capital and relies primarily on a method that is specific for the social sciences. Same course as EEE 5103. May not be used for degree credit with EEE 4103 or ECON 4353.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Graduate

**Schedule types:** Lecture

**Department/School:** Economics&Legal Studie

**ECON 5603 Global Economics**

**Description:** This course presents an introduction to economic issues from a global perspective for the non-specialist. It emphasizes the problems and challenges the process of globalization poses to national economies. The first part of the course presents the main theories of international trade and their relevance to explaining current global trade patterns. The second part of the course examines the foreign exchange market and the process of exchange rate determination. It covers various international financial issues such as global current account imbalances, the role of the dollar in international financial markets and international currency crises. Same course as GS 5213.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Graduate

**Schedule types:** Lecture

**Department/School:** Economics&Legal Studie

**ECON 5733 Energy Economics: Traditional and Renewable Energy Markets**

**Prerequisites:** ECON 2103 or ECON 2003 and either MATH 2103 or MATH 2144.

**Description:** This course examines theory, empirical perspectives, and the political economy of energy supply and demand. It discusses aspects of local, national, and global markets for oil, natural gas, coal, electricity, nuclear power, and renewable energy. In the course, we will examine public policies affecting energy markets including taxes, price regulation, energy efficiency, and control of emissions. Same course as ECON 4113.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Graduate

**Schedule types:** Lecture

**Department/School:** Economics&Legal Studie

**ECON 6000 Research and Thesis**

**Prerequisites:** Approval of advisory committee.

**Description:** Workshop for the exploration and development of research topics. Research leading to the PhD dissertation. Offered for variable credit, 1-12 credit hours, maximum of 30 credit hours.

**Credit hours:** 1-12

**Contact hours:** Contact: 1-12 Other: 1-12

**Levels:** Graduate

**Schedule types:** Independent Study

**Department/School:** Economics&Legal Studie

**ECON 6010 Seminar in Economic Policy**

**Description:** Intensive analysis of selected problems in economic policy. Individual research, seminar reports and group discussion of reports. Offered for variable credit, 1-3 credit hours, maximum of 6 credit hours.

**Credit hours:** 1-6

**Contact hours:** Contact: 1-6 Other: 1-6

**Levels:** Graduate

**Schedule types:** Independent Study

**Department/School:** Economics&Legal Studie

**ECON 6013 Microeconomic Theory I**

**Prerequisites:** ECON 5223 or consent of instructor.

**Description:** Contemporary price and allocation theory with emphasis on comparative statics. Course previously offered as ECON 5123.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Graduate

**Schedule types:** Lecture

**Department/School:** Economics&Legal Studie

**ECON 6023 Microeconomic Theory II****Prerequisites:** ECON 6013.**Description:** Contemporary price and allocation theory with emphasis on general equilibrium analysis. Welfare economics. Course previously offered as ECON 6133.**Credit hours:** 3**Contact hours:** Lecture: 3 Contact: 3**Levels:** Graduate**Schedule types:** Lecture**Department/School:** Economics&Legal Studie**ECON 6033 Macroeconomic Theory I****Prerequisites:** ECON 5033 or consent of instructor.**Description:** National income, employment and the price level from the point of view of comparative statics. Course previously offered as ECON 5133.**Credit hours:** 3**Contact hours:** Lecture: 3 Contact: 3**Levels:** Graduate**Schedule types:** Lecture**Department/School:** Economics&Legal Studie**ECON 6043 Macroeconomic Theory II****Prerequisites:** ECON 6033.**Description:** National income, employment and the price level from the point of view of dynamics. Growth models. Previously offered as ECON 6143.**Credit hours:** 3**Contact hours:** Lecture: 3 Contact: 3**Levels:** Graduate**Schedule types:** Lecture**Department/School:** Economics&Legal Studie**ECON 6113 Seminar in Economic Theory****Description:** Microeconomics.**Credit hours:** 3**Contact hours:** Lecture: 3 Contact: 3**Levels:** Graduate**Schedule types:** Lecture**Department/School:** Economics&Legal Studie**ECON 6123 Seminar in Economic Theory****Description:** Macroeconomics.**Credit hours:** 3**Contact hours:** Lecture: 3 Contact: 3**Levels:** Graduate**Schedule types:** Lecture**Department/School:** Economics&Legal Studie**ECON 6213 Econometrics I****Prerequisites:** ECON 5213 or consent of instructor.**Description:** Theory and application of econometric theory to regression analysis. Topics include OLS, GLS, nonlinear least squares, and maximum likelihood estimation. Course previously offered as ECON 5243.**Credit hours:** 3**Contact hours:** Lecture: 3 Contact: 3**Levels:** Graduate**Schedule types:** Lecture**Department/School:** Economics&Legal Studie**ECON 6233 Time Series Econometrics****Prerequisites:** ECON 5243 or equivalent.**Description:** Advanced topics and fundamental elements in economic as well as financial time series models. Recently developed techniques with stationary and nonstationary time series, including Box-Jenkins and forecast methods, unit root, cointegration, error correction model, and VAR.**Credit hours:** 3**Contact hours:** Lecture: 3 Contact: 3**Levels:** Graduate**Schedule types:** Lecture**Department/School:** Economics&Legal Studie**ECON 6243 Econometrics II****Prerequisites:** ECON 6213.**Description:** Advanced econometric theory and microeconomic applications. Topics include instrumental variables estimation, generalized method-of-moments estimation, limited dependent variable models, regression analysis using cross-section survey and panel data, and program evaluation.**Credit hours:** 3**Contact hours:** Lecture: 3 Contact: 3**Levels:** Graduate**Schedule types:** Lecture**Department/School:** Economics&Legal Studie**ECON 6323 Mathematical Economics I****Prerequisites:** ECON 3113 and MATH 2163 or equivalent.**Description:** Mathematical concepts of single variable and multivariate calculus, topological properties of Euclidean space, convergence, linear algebra, optimization theory and the Kuhn-Tucker Theorem with applications from economic theory. Previously offered as ECON 5223.**Credit hours:** 3**Contact hours:** Lecture: 3 Contact: 3**Levels:** Graduate**Schedule types:** Lecture**Department/School:** Economics&Legal Studie**ECON 6613 International Finance****Prerequisites:** Permission of instructor.**Description:** Open economy macro-economics and the role of devaluation, fiscal and monetary policy in the open economy, monetary approach to the balance of payments, portfolio balance and asset market approaches to the determination of exchange rates. Course previously offered as ECON 5613.**Credit hours:** 3**Contact hours:** Lecture: 3 Contact: 3**Levels:** Graduate**Schedule types:** Lecture**Department/School:** Economics&Legal Studie**ECON 6623 Economic Development I****Prerequisites:** Permission of instructor.**Description:** Characteristics and problems of less-developed countries. Criteria of growth and development with emphasis on strategies for development. The role of capital, labor, technological progress and entrepreneurship. Growth models. Course previously offered as ECON 5623.**Credit hours:** 3**Contact hours:** Lecture: 3 Contact: 3**Levels:** Graduate**Schedule types:** Lecture**Department/School:** Economics&Legal Studie

**ECON 6633 International Trade****Prerequisites:** Permission of instructor.**Description:** International trade and commercial policy. Comparative advantage, general equilibrium and modern trade theories; welfare implications of international resource allocation models; the theory of protection and international interdependence. Course previously offered as ECON 5633.**Credit hours:** 3**Contact hours:** Lecture: 3 Contact: 3**Levels:** Graduate**Schedule types:** Lecture**Department/School:** Economics&Legal Studie**ECON 6643 Economic Development II****Prerequisites:** Permission of instructor.**Description:** Major problems of development policy. Inflation and mobilization of capital, investment criteria, agriculture, foreign trade, population and manpower, planning and programming methods. Course previously offered as ECON 5643.**Credit hours:** 3**Contact hours:** Lecture: 3 Contact: 3**Levels:** Graduate**Schedule types:** Lecture**Department/School:** Economics&Legal Studie**ECON 6903 Regional Economic Analysis and Policy****Description:** Selected topics in location theory, regional economic growth and policies toward regional development in the U.S. Course previously offered as ECON 5903.**Credit hours:** 3**Contact hours:** Lecture: 3 Contact: 3**Levels:** Graduate**Schedule types:** Lecture**Department/School:** Economics&Legal Studie**ECON 6913 Urban Economics****Prerequisites:** Permission of instructor.**Description:** The urban area as an economic system. Problems of economic policy in an urban environment. Course previously offered as ECON 5913.**Credit hours:** 3**Contact hours:** Lecture: 3 Contact: 3**Levels:** Graduate**Schedule types:** Lecture**Department/School:** Economics&Legal Studie**LSB 1113 Law in Society****Description:** Forms and types of law and their evolution, including antitrust, ecology, consumerism and civil rights. Political, social and economic forces affecting legal developments. Legal needs of society and the probable future direction of the law. Course previously offered as BUSL 1113.**Credit hours:** 3**Contact hours:** Lecture: 3 Contact: 3**Levels:** Undergraduate**Schedule types:** Lecture**Department/School:** Management**LSB 3010 Special Topics in Legal Studies in Business****Prerequisites:** LSB 3213, prior consent of instructor.**Description:** Analysis of a contemporary topic in business law. Changing social issues and trends in legal studies in business. Offered for variable credit, 1-3 credit hours, maximum of 6 credit hours.**Credit hours:** 1-3**Contact hours:** Contact: 1-3 Other: 1-3**Levels:** Undergraduate**Schedule types:** Independent Study**Department/School:** Management**LSB 3011 Name, Image, and Likeness and the Law****Description:** In this course, students will learn the primary legal principles surrounding the right of publicity, which in the context of college athletes is commonly referred to as name, image, and likeness rights. Students will learn the legal theory that underpins the current debate over granting name, image, and likeness rights to collegiate athletes. This course covers several different legal concepts, including the separation of powers, contracts, agency law, and intellectual property law. After completing this course, students will understand the rules governing the licensing of name, image, and likeness rights for college athletes. Students will also gain experience in negotiating and drafting mock contracts.**Credit hours:** 1**Contact hours:** Lecture: 1 Contact: 1**Levels:** Undergraduate**Schedule types:** Lecture**Department/School:** Management**LSB 3213 Legal and Regulatory Environment of Business****Prerequisites:** Junior standing.**Description:** General concepts regarding the nature of the legal system, ethical issues in business decision making, dispute resolution processes, basic constitutional limitations on the power of government to regulate business activity, the nature of government regulation, fundamental principles of tort and contract law. Course previously offered as BUSL 3213.**Credit hours:** 3**Contact hours:** Lecture: 3 Contact: 3**Levels:** Undergraduate**Schedule types:** Lecture**Department/School:** Management**LSB 4013 Law and Social Media****Prerequisites:** LSB 3213.**Description:** This course introduces the fundamentals of social media law. Legal topics include: marketing, intellectual property, employment, privacy, free speech and fundraising. Methods to address the risks of these legal issues will be discussed.**Credit hours:** 3**Contact hours:** Lecture: 3 Contact: 3**Levels:** Undergraduate**Schedule types:** Lecture**Department/School:** Management

**LSB 4113 White Collar Criminal****Prerequisites:** LSB 3213.**Description:** This course explores white-collar crime including illegal, unethical and deviant activities of organizations and individuals. The course examines causes of the behavior as well as its impact on business stakeholders.**Credit hours:** 3**Contact hours:** Lecture: 3 Contact: 3**Levels:** Undergraduate**Schedule types:** Lecture**Department/School:** Management**LSB 4323 Law of Commercial Transactions and Debtor-Creditor Relationships****Prerequisites:** LSB 3213.**Description:** Concentrated study of law relating to certain commercial transactions and debtor/creditor relationships. Includes law of sales, negotiable instruments, secured transactions, suretyship and bankruptcy. Previously offered as LSB 3323 and BUSL 3323.**Credit hours:** 3**Contact hours:** Lecture: 3 Contact: 3**Levels:** Undergraduate**Schedule types:** Lecture**Department/School:** Management**LSB 4403 Law and Entrepreneurship****Prerequisites:** ECON 3213 or permission of instructor.**Description:** Explores how to recognize and ethically manage legal risks within an emerging enterprise in order to optimize opportunities. Topics include: evaluating appropriate business organizations; understanding alternatives for obtaining capital; using employees to help achieve organizational goals; protecting intellectual property; and complying with the regulatory environment when advertising and marketing a product or service.**Credit hours:** 3**Contact hours:** Lecture: 3 Contact: 3**Levels:** Undergraduate**Schedule types:** Lecture**Department/School:** Management**LSB 4413 Law of Business Organizations****Prerequisites:** LSB 3213.**Description:** General principles of law relating to the formation, operation and termination of various forms of business organizations. Includes a study of the law of agency, partnerships and corporations. Course previously offered as BUSL 4413.**Credit hours:** 3**Contact hours:** Lecture: 3 Contact: 3**Levels:** Undergraduate**Schedule types:** Lecture**Department/School:** Management**LSB 4423 Employment Law (D)****Prerequisites:** LSB 3213 or equivalent.**Description:** Legal foundations of employment in the United States. Contemporary topics relating to the employment environment such as state legislative and judicial limitations on employment at will doctrine, federal legislation relating to equal employment opportunity and affirmative action, fair labor standards, safety in the work place and state workers compensation laws. Previously offered as LSB 3423 and BUSL 3423. No degree credit for students with credit in LSB 5423.**Credit hours:** 3**Contact hours:** Lecture: 3 Contact: 3**Levels:** Undergraduate**Schedule types:** Lecture**Department/School:** Management**General Education and other Course Attributes:** Diversity**LSB 4513 White Collar Criminal Law****Description:** This course is a comprehensive examination of white-collar crime - the illegal, unethical, or deviant activities of respectable institutions and individuals. The class will emphasize how courts, juries and the public perceive and react to these crimes. The causes and impact on the business community and society will be examined. Students will study contemporary and notorious cases. Students will brief cases in handouts studying the major sources of law in the prosecution of white collar criminal cases by the federal government. Traditional and active learning methods will be used.**Credit hours:** 3**Contact hours:** Lecture: 3 Contact: 3**Levels:** Undergraduate**Schedule types:** Lecture**Department/School:** Management**LSB 4523 Law of Real Property****Prerequisites:** LSB 3213 or equivalent.**Description:** Nature of real property and of the legal transactions relating thereto. Topics may include deeds and conveyancing, landlord-tenant relationships, mortgages, easements, oil and gas interests, types of estates, joint ownership, and legal descriptions.**Credit hours:** 3**Contact hours:** Lecture: 3 Contact: 3**Levels:** Undergraduate**Schedule types:** Lecture**Department/School:** Management**LSB 4633 Legal Aspects of International Business Transactions (I)****Prerequisites:** LSB 3213 or equivalent.**Description:** Legal aspects of operating a business entity engaged in international commerce. Topics may include: foreign business organizations, U.S. taxation of foreign investors, common clauses in transnational contracts, problems of technology transfer on the international market, anti-trust aspects of international business, and jurisdictional problems in resolving disputes. Course previously offered as BUSL 4633.**Credit hours:** 3**Contact hours:** Lecture: 3 Contact: 3**Levels:** Undergraduate**Schedule types:** Lecture**Department/School:** Management**General Education and other Course Attributes:** International Dimension



**LSB 5010 Research and Independent Studies**

**Description:** A workshop arrangement or supervised independent study. Offered for variable credit, 1-3 credit hours, maximum of 10 credit hours.

**Credit hours:** 1-3

**Contact hours:** Contact: 1-3 Other: 1-3

**Levels:** Graduate

**Schedule types:** Independent Study

**Department/School:** Management

**LSB 5163 Legal Environment of Business**

**Prerequisites:** Admission to a SSB graduate program or consent of MBA director.

**Description:** Legal environment within which business must operate. Nature and source of law, the operation of the judicial system, the operation of administrative agencies, selected Constitutional provisions frequently involved in litigation of business problems, and selected substantive legal areas having a direct relationship with business operation and decision-making.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Graduate

**Schedule types:** Lecture

**Department/School:** Management

**LSB 5203 Foundations of Issue and Conflict Management**

**Description:** Provides professionals from all fields with the skills necessary to handle conflicts, solve disputes, influence decisions and develop positive interpersonal relationships. It provides an overview of the alternative dispute resolution processes by utilizing readings, research, discussion and role-playing exercises.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Graduate

**Schedule types:** Lecture

**Department/School:** Management

**LSB 5213 Mediation and Facilitation: Theories and Practice**

**Prerequisites:** ECON 5203.

**Description:** This course examines the theories, skills, and boundaries of the mediation and facilitation processes, and analyzes the role of the third party neutral in the intervention and resolution conflicts. Ethical, practical and legal constraints are also addressed.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Graduate

**Schedule types:** Lecture

**Department/School:** Management

**LSB 5233 Introduction to Arbitration and Litigation**

**Prerequisites:** LSB 5203.

**Description:** This course examines the elements and process of arbitration, situations, in which arbitration skills are required, including construction, securities, civil conflicts, labor disputes and commercial contracts. Topics include comparisons to litigation, the role of judicial review and the enforcement of arbitration awards.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Graduate

**Schedule types:** Lecture

**Department/School:** Management

**LSB 5290 Seminar in Negotiation and Alternative Dispute Resolution**

**Prerequisites:** Consent of instructor.

**Description:** Individual investigations in the areas of issue and conflict management under the direct supervision of a faculty member. Offered for variable credit, 1-3 credit hours, maximum of 3 credit hours.

**Credit hours:** 1-3

**Contact hours:** Contact: 1-3 Other: 1-3

**Levels:** Graduate

**Schedule types:** Independent Study

**Department/School:** Management

**LSB 5423 Employment Law**

**Prerequisites:** LSB 3213 or equivalent or permission of instructor.

**Description:** Legal foundations of employment in the United States. Contemporary topics relating to the employment environment such as state legislative and judicial limitations on employment at will doctrine, federal legislation relating to equal employment opportunity and affirmative action, fair labor standards, collective bargaining, and safety in the work place. Students may not take both LSB 4423 and LSB 5423 for degree credit.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Graduate

**Schedule types:** Lecture

**Department/School:** Management

**Additional Fees:** Business Graduate Program fee of \$6 per credit hour applies.

## Undergraduate Programs

- Economics (Two Options), BA (p. 1112)
- Economics, BS (p. 1115)
- Economics: Pre-Dental, BS (p. 1118)
- Economics: Pre-Medical, BS (p. 1120)
- Economics: Pre-Veterinary, BS (p. 1122)

## Minors

- Economics (Arts and Sciences) (ECAS), Minor (p. 1111)



## Economics (Arts and Sciences) (ECAS), Minor

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**Requirements for Students Matriculating in or before Academic Year 2022-2023.** Learn more about University Academic Regulation 3.1 (p. 943).

**Haley McMahon**, 407 LSE, 405-744-5565

**Minimum Grade Point Average in Minor Coursework:** 2.00

**Total Hours:** 15 hours of ECON (p. 1102) courses

### Other Requirements

- 9 hours must be upper-division.

### Additional OSU Requirements

#### Undergraduate Minors

- An undergraduate minor must include between fifteen and thirty hours, inclusive of undergraduate coursework.
- A minimum of six credit hours for the minor must be earned in residence at OSU.
- The courses required for a minor may be included in the course requirements for any undergraduate degree or they may be in addition to degree requirements, depending on the overlap between the minor and degree requirements. However, an undergraduate minor must be earned in an academic field other than the student's declared degree option. The minor may not duplicate the degree major or option (for example, a student who earns a BA in Art with an Art History option may earn a minor in Studio Art but not Art History).
- A student generally follows the minor requirements associated with his or her matriculation year or newer requirements that have been established since matriculation. The time limit for following requirements from a given academic year is six years.

For additional information on requirements on minors, click here (<https://adminfinance.okstate.edu/site-files/documents/policies/requirements-for-undergraduate-and-graduate-minors.pdf>).

# Economics (Two Options), BA

## Degree Requirements

**Requirements for Students Matriculating in or before Academic Year 2022-2023.** Learn more about University Academic Regulation 3.1 (p. 943).

**Minimum Overall Grade Point Average:** 2.00

**Total Hours:** 120

Code	Title	Hours
<b>General Education Requirements</b>		
<i>English Composition</i>		
See Academic Regulation 3.5 (p. 944)		
ENGL 1113	Composition I	3
or ENGL 1313	Critical Analysis and Writing I	
Select one of the following:		3
ENGL 1213	Composition II	
ENGL 1413	Critical Analysis and Writing II	
ENGL 3323	Technical Writing	
<i>American History &amp; Government</i>		
HIST 1103	Survey of American History	3
or HIST 1483	American History to 1865 (H)	
or HIST 1493	American History Since 1865 (DH)	
POLS 1113	American Government	3
<i>Analytical &amp; Quantitative Thought (A)</i>		
MATH 2103	Business Calculus (A) <sup>1</sup>	3
STAT 2013	Elementary Statistics (A) <sup>1</sup>	3
or STAT 2023	Elementary Statistics for Business and Economics (A)	
<i>Humanities (H)</i>		
Courses designated (H)		6
<i>Natural Sciences (N)</i>		
Must include one Laboratory Science (L) course		
Courses designated (N)		6
<i>Social &amp; Behavioral Sciences (S)</i>		
Course designated (S)		3
<i>Additional General Education</i>		
Courses designated (A), (H), (N), or (S)		7
<b>Hours Subtotal</b>		<b>40</b>
<b>Diversity (D) &amp; International Dimension (I)</b>		
May be completed in any part of the degree plan		
Select at least one Diversity (D) course		
Select at least one International Dimension (I) course		
<b>College/Departmental Requirements</b>		
<i>First Year Seminar</i>		
(Transfer students with 15 hours exempt)		1
<i>Arts &amp; Humanities</i>		
Int'l Econ. Rel:		
Select 5 hours of foreign language (2000-level or above)		5
International courses recommended for remainder		4
See note 2.a.		
<i>Natural &amp; Mathematical Sciences</i>		

See note 2.b.		3
<i>Foreign Language</i>		
See note 3		9
<i>Non-Western Studies</i>		
Select at least one course		
See note 2.d.		
<i>Upper-Division General Education</i>		
Select 6 hours outside major department		
See note 2.c.		
<b>Hours Subtotal</b>		<b>22</b>
<b>Major Requirements</b>		
Minimum major GPA 2.00.		
<i>Core Courses</i>		
ECON 2103	Introduction to Microeconomics (S)	3
ECON 2203	Introduction to Macroeconomics	3
ECON 3113	Intermediate Microeconomics	3
ECON 3123	Intermediate Macroeconomics	3
ECON 4933	Applied Economics	3
<i>Options</i>		
Select one option (p. 1112)		33
<b>Hours Subtotal</b>		<b>48</b>
<b>Electives</b>		
Select 10 hours		10
May need to include 6 hours upper-division general education outside major department (see note 2.c.) and 1 additional upper-division hour		
<b>Hours Subtotal</b>		<b>10</b>
<b>Total Hours</b>		<b>120</b>

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College and Departmental Requirements that may be used to meet General Education Requirements.

## Options

### General Option

Code	Title	Hours
Select 15 hours in Economics courses 3000-level or above		15
Select 18 hours of upper-division electives of which 3 must be outside the field of Economics <sup>1</sup>		18

### Electives

STAT 3013 recommended

1

With approval from the advisor and department head, a maximum of 30 hours from an accredited doctoral law program may be substituted for these areas.

### International Economics Relations Option

Code	Title	Hours
ECON 3613	International Economic Relations (IS)	3
ECON 4643	International Economic Development (IS)	3
ENGL 3323	Technical Writing	3
or BCOM 3333	Advanced Business Communication	
Select one of the following:		6

MKTG 3213 & MKTG 4553	Marketing (S) and International Marketing	
LSB 3213 & LSB 4633	Legal and Regulatory Environment of Business and Legal Aspects of International Business Transactions (I)	
Select 9 hours upper-division Economics electives		9
Select 9 hours upper-division Arts & Sciences courses with International Dimension (I).		9
<i>Electives</i>		
ACCT 2103 required		
STAT 3013 recommended		

## Other Requirements

- See the College of Arts and Sciences Requirements.
- Minimum GPA 2.00 in all ECON courses.
- **Upper-Division Credit:** Total hours must include at least 40 hours in courses numbered 3000 or above.
- **Hours in One Department:** For B.A. and B.S. degrees, no more than 54 hours in one department may be applied to degree requirements.

## College of Arts and Sciences Requirements

### 1. General Education Requirements

No more than two courses (or eight hours) from the major department (<http://catalog.okstate.edu/college-arts-sciences-major-departments/>) may be used to meet General Education and College and Departmental Requirements. The General Education required English Composition, required U.S. History, required American Government, one required MATH or STAT course, and required foreign language for B.A. degrees do not count against the two-course maximum.

### 2. A&S College/Departmental Requirements

- Arts and Humanities are defined as any course carrying an (H) designation or courses from AMST, ART, DANC, ENGL (except ENGL 3323 Technical Writing) HIST, MUSI, PHIL (except PHIL 1313 Logic and Critical Thinking (A), PHIL 3003 Symbolic Logic (A) and PHIL 4003 Mathematical Logic and Computability), REL, TH, and foreign languages.
- Natural and Mathematical Sciences are defined as any course from the following prefixes: ASTR, BIOC, BIOL, CHEM, CS (except CS 4883 Social Issues in Computing), GEOL, MATH, MICR, PBIO, PHYS, and STAT; or courses from other departments that carry an (A) or (N) general education designation.
- The required six hours of upper-division General Education may not include courses from the student's major department. This requirement may be satisfied by courses also used to satisfy any part of a student's degree program (i.e., in General Education, College Departmental Requirements, Major Requirements or Electives).
- Non-Western Studies Requirement for B.A. and B.F.A.; One 3-hour course in Non-Western Studies (N.W.). This requirement may be satisfied by courses also used to satisfy any part of a student's degree program (i.e., in General Education, College Departmental Requirements, Major Requirements or Electives).

- The College of Arts & Sciences requires a minimum 2.0 GPA in all major requirements and a minimum 2.0 GPA in all major-prefix courses applied to the degree.

### 3. Foreign Language Proficiency

- The foreign language requirement for the B.A. may be satisfied by 9 hours college credit in the same language, which must include 3 hours at the 2000-level, or equivalent proficiency (e.g., passing an advanced standing examination; TOEFL exam; presenting a high school transcript which demonstrates the high school was primarily conducted in a language other than English; etc.). Computer Science courses may not be used to satisfy this requirement. Currently Arabic and Mvskoke are not offered at the 2000-level at OSU.
- The foreign language requirement for the B.S., B.M. and B.F.A. may be satisfied by presenting a high school transcript which demonstrates two years of study of a single foreign language (passing grades at second-year level of study). It may also be satisfied by 6 hours college credit in the same language, which must include language courses 1713 and 1813, or equivalent proficiency (e.g., passing an advanced standing examination; TOEFL exam; presenting a high school transcript which demonstrates the high school was primarily conducted in a language other than English; etc.). Computer Science courses may not be used to satisfy this requirement.
- In addition to a. and b., students pursuing teacher certification must meet novice-high foreign language proficiency by presenting a high school transcript which demonstrates two years of study of a single foreign language with no grade below B. Or, students may complete 3 hours college credit in a single language with no grade below C (or pass an advanced standing examination, College Level Examination Program (CLEP) exam, or Oral Proficiency Interview developed by the American Council on the Teaching of Foreign Languages, equivalent to 3 hours of college credit.) Or, students may meet the requirement by transfer of documentation of meeting the foreign language competency from one of the teacher education programs in the State of Oklahoma approved by the Oklahoma State Regents for Higher Education.

### 4. Exclusions

- Courses used to satisfy the General Education English Composition, U.S. History, American Government, and Mathematics or Statistics requirements will not count toward the 54-hour maximum allowed from one department.
- Courses with ATHL or LEIS prefixes and leisure activity courses may not be used for degree credit.

## Additional State/OSU Requirements

- At least: 60 hours at a four-year institution; 30 hours completed at OSU; 15 of the final 30 or 50% of the upper-division hours in the major field completed at OSU.
- Limit of: one-half of major course requirements as transfer work; one-fourth of hours earned by correspondence; 8 transfer correspondence hours.
- Students will be held responsible for degree requirements in effect at the time of matriculation and any changes that are made, so long as these changes do not result in semester credit hours being added or do not delay graduation.
- Degrees that follow this plan must be completed by the end of Summer 2028.

## Example Plan of Study

### Finish in Four Plan of Study

The plan below is an example of how students can successfully complete degree requirements in four years. This suggested class schedule plan may be used as a guide and can be adjusted based on individual needs. Students are required to meet with an academic advisor prior to enrollment each semester to plan their class schedule, and students are ultimately responsible for completing all degree requirements.

Course	Title	Hours
<b>Freshman</b>		
<b>Fall</b>		
ENGL 1113 or ENGL 1313	Composition I or Critical Analysis and Writing I	3
MATH 2103	Business Calculus (A)	3
ECON 2103	Introduction to Microeconomics (S)	3
General Education courses		6
<b>Hours</b>		<b>15</b>
<b>Spring</b>		
ENGL 1213 or ENGL 1413	Composition II or Critical Analysis and Writing II	3
STAT 2013 or STAT 2023	Elementary Statistics (A) or Elementary Statistics for Business and Economics (A)	3
ECON 2203	Introduction to Macroeconomics	3
General Education courses		6
<b>Hours</b>		<b>15</b>
<b>Sophomore</b>		
<b>Fall</b>		
ECON 3113	Intermediate Microeconomics	3
1713 First Semester Foreign Language		3
General Education courses		9
<b>Hours</b>		<b>15</b>
<b>Spring</b>		
ECON 3123	Intermediate Macroeconomics	3
1813 Second Semester Foreign Language		3
Major, College, and Elective courses		9
<b>Hours</b>		<b>15</b>
<b>Junior</b>		
<b>Fall</b>		
2000-level Foreign Language		3
Major, College, and Elective courses		12
<b>Hours</b>		<b>15</b>
<b>Spring</b>		
Major, College, and Elective courses		15
<b>Hours</b>		<b>15</b>
<b>Senior</b>		
<b>Fall</b>		
Major, College, and Elective courses		15
<b>Hours</b>		<b>15</b>
<b>Spring</b>		
ECON 4993	Economics Honors Thesis	3
Major, College, and Elective courses		12
<b>Hours</b>		<b>15</b>
<b>Total Hours</b>		<b>120</b>

# Economics, BS

## Degree Requirements

**Requirements for Students Matriculating in or before Academic Year 2022-2023.** Learn more about University Academic Regulation 3.1 (p. 943).

**Minimum Overall Grade Point Average:** 2.00

**Total Hours:** 120

Code	Title	Hours
<b>General Education Requirements</b>		
<i>English Composition</i>		
See Academic Regulation 3.5 (p. 944)		
ENGL 1113	Composition I	3
or ENGL 1313	Critical Analysis and Writing I	
Select one of the following:		3
ENGL 1213	Composition II	
ENGL 1413	Critical Analysis and Writing II	
ENGL 3323	Technical Writing	
<i>American History &amp; Government</i>		
HIST 1103	Survey of American History	3
or HIST 1483	American History to 1865 (H)	
or HIST 1493	American History Since 1865 (DH)	
POLS 1113	American Government	3
<i>Analytical &amp; Quantitative Thought (A)</i>		
MATH 2103	Business Calculus (A) <sup>1</sup>	3
STAT 2013	Elementary Statistics (A) <sup>1</sup>	3
or STAT 2023	Elementary Statistics for Business and Economics (A)	
<i>Humanities (H)</i>		
Courses designated (H)		6
<i>Natural Sciences (N)</i>		
Must include one Laboratory Science (L) course		
Courses designated (N)		6
<i>Social &amp; Behavioral Sciences (S)</i>		
Course designated (S)		3
<i>Additional General Education</i>		
Courses designated (A), (H), (N), or (S)		7
<b>Hours Subtotal</b>		<b>40</b>
<b>Diversity (D) &amp; International Dimension (I)</b>		
May be completed in any part of the degree plan		
Select at least one Diversity (D) course		
Select at least one International Dimension (I) course		
<b>College/Departmental Requirements</b>		
<i>First Year Seminar</i>		
(Transfer students with 15 hours exempt)		1
<i>Arts &amp; Humanities</i>		
See note 2.a.		3
<i>Natural &amp; Mathematical Sciences</i>		
See note 2.b.		9
<i>Foreign Language</i>		
See note 3		

0-6 hours		
<i>Upper-Division General Education</i>		
Select 6 hours outside major department		
See note 2.c.		
<b>Hours Subtotal</b>		<b>13</b>
<b>Major Requirements</b>		
Minimum major GPA 2.00.		
<i>Core Courses</i>		
ECON 2103	Introduction to Microeconomics (S)	3
ECON 2203	Introduction to Macroeconomics	3
ECON 3113	Intermediate Microeconomics	3
ECON 3123	Intermediate Macroeconomics	3
ECON 4933	Applied Economics	3
<i>Options</i>		
Select one option (p. 1115)		33
<b>Hours Subtotal</b>		<b>48</b>
<b>Electives <sup>2</sup></b>		
Select 19 hours		19
May need to include 6 hours of a foreign language. (see note 3)		
May need to include 6 hours upper-division general education outside major department (see note 2.c.)		
<b>Hours Subtotal</b>		<b>19</b>
<b>Total Hours</b>		<b>120</b>

1

College and Departmental Requirements that may be used to meet General Education Requirements.

2

With approval from the advisor and department head, a maximum of 30 hours from an accredited doctoral law program may be substituted for these areas.

## Options

### General Option

Code	Title	Hours
Select 15 hours upper-division ECON		15
Select 18 hours of upper-division electives of which 3 must be outside the field of Economics <sup>2</sup>		18

### Electives

STAT 3013 is recommended

1 hour may need to be upper-division

2

With approval from the advisor and department head, a maximum of 30 hours from an accredited doctoral law program may be substituted for these areas.

### Graduate Preparation Option

Code	Title	Hours
ECON 4213	Econometric Methods	3
or ECON 4223	Business and Economic Forecasting	
Select 9 additional hours upper-division ECON		9
MATH 3013	Linear Algebra (A)	3
STAT 3013	Intermediate Statistical Analysis	3

Select 12 hours of upper-division electives of which 3 must be outside the field of Economics 12

#### Electives

The following are required:

MATH 2144	Calculus I (A)
MATH 2153	Calculus II (A)
MATH 2163	Calculus III

1 hour may need to be upper-division.

### Pre-Law Preparation Option

Code	Title	Hours
Select 15 hours upper-division ECON		15
PHIL 1313	Logic and Critical Thinking (A)	3
POLS 3983	Courts and Judicial Process (S)	3
Select one of the following:		3
POLS 2023	The Individual And The Law	
POLS 4963	U.S. Constitution: Civil Rights and Civil Liberties	
POLS 4973	U.S. Constitution: Separation of Powers	
Select 9 hours of the upper-division electives of which 3 must be outside the field of Economics		9
<i>Electives</i>		
7 hours may need to be upper-division		

### Other Requirements

- See the College of Arts and Sciences Requirements.
- Minimum GPA 2.00 in all ECON courses.
- **Upper-Division Credit:** Total hours must include at least 40 hours in courses numbered 3000 or above.
- **Hours in One Department:** For B.A. and B.S. degrees, no more than 54 hours in one department may be applied to degree requirements.

## College of Arts and Sciences Requirements

### 1. General Education Requirements

No more than two courses (or eight hours) from the major department (<http://catalog.okstate.edu/college-arts-sciences-major-departments/>) may be used to meet General Education and College and Departmental Requirements. The General Education required English Composition, required U.S. History, required American Government, one required MATH or STAT course, and required foreign language for B.A. degrees do not count against the two-course maximum.

### 2. A&S College/Departmental Requirements

- Arts and Humanities are defined as any course carrying an (H) designation or courses from AMST, ART, DANC, ENGL (except ENGL 3323 Technical Writing) HIST, MUSI, PHIL (except PHIL 1313 Logic and Critical Thinking (A), PHIL 3003 Symbolic Logic (A) and PHIL 4003 Mathematical Logic and Computability), REL, TH, and foreign languages.
- Natural and Mathematical Sciences are defined as any course from the following prefixes: ASTR, BIOC, BIOL, CHEM, CS (except CS 4883 Social Issues in Computing), GEOL, MATH, MICR, PBIO, PHYS, and STAT; or courses from other departments that carry an (A) or (N) general education designation.

- The required six hours of upper-division General Education may not include courses from the student's major department. This requirement may be satisfied by courses also used to satisfy any part of a student's degree program (i.e., in General Education, College Departmental Requirements, Major Requirements or Electives).
- Non-Western Studies Requirement for B.A. and B.F.A.; One 3-hour course in Non-Western Studies (N.W.). This requirement may be satisfied by courses also used to satisfy any part of a student's degree program (i.e., in General Education, College Departmental Requirements, Major Requirements or Electives).
- The College of Arts & Sciences requires a minimum 2.0 GPA in all major requirements and a minimum 2.0 GPA in all major-prefix courses applied to the degree.

### 3. Foreign Language Proficiency

- The foreign language requirement for the B.A. may be satisfied by 9 hours college credit in the same language, which must include 3 hours at the 2000-level, or equivalent proficiency (e.g., passing an advanced standing examination; TOEFL exam; presenting a high school transcript which demonstrates the high school was primarily conducted in a language other than English; etc.). Computer Science courses may not be used to satisfy this requirement. Currently Arabic and Mvskoke are not offered at the 2000-level at OSU.
- The foreign language requirement for the B.S., B.M. and B.F.A. may be satisfied by presenting a high school transcript which demonstrates two years of study of a single foreign language (passing grades at second-year level of study). It may also be satisfied by 6 hours college credit in the same language, which must include language courses 1713 and 1813, or equivalent proficiency (e.g., passing an advanced standing examination; TOEFL exam; presenting a high school transcript which demonstrates the high school was primarily conducted in a language other than English; etc.). Computer Science courses may not be used to satisfy this requirement.
- In addition to a. and b., students pursuing teacher certification must meet novice-high foreign language proficiency by presenting a high school transcript which demonstrates two years of study of a single foreign language with no grade below B. Or, students may complete 3 hours college credit in a single language with no grade below C (or pass an advanced standing examination, College Level Examination Program (CLEP) exam, or Oral Proficiency Interview developed by the American Council on the Teaching of Foreign Languages, equivalent to 3 hours of college credit.) Or, students may meet the requirement by transfer of documentation of meeting the foreign language competency from one of the teacher education programs in the State of Oklahoma approved by the Oklahoma State Regents for Higher Education.

### 4. Exclusions

- Courses used to satisfy the General Education English Composition, U.S. History, American Government, and Mathematics or Statistics requirements will not count toward the 54-hour maximum allowed from one department.
- Courses with ATHL or LEIS prefixes and leisure activity courses may not be used for degree credit.



## Additional State/OSU Requirements

- At least: 60 hours at a four-year institution; 30 hours completed at OSU; 15 of the final 30 or 50% of the upper-division hours in the major field completed at OSU.
- Limit of: one-half of major course requirements as transfer work; one-fourth of hours earned by correspondence; 8 transfer correspondence hours.
- Students will be held responsible for degree requirements in effect at the time of matriculation and any changes that are made, so long as these changes do not result in semester credit hours being added or do not delay graduation.
- Degrees that follow this plan must be completed by the end of Summer 2028.

### Senior

#### Fall

Major, College, and Elective courses	15
<b>Hours</b>	<b>15</b>

#### Spring

ECON 4993	Economics Honors Thesis	3
Major, College, and Elective courses		12
<b>Hours</b>		<b>15</b>
<b>Total Hours</b>		<b>120</b>

## Example Plan of Study

### Finish in Four Plan of Study

The plan below is an example of how students can successfully complete degree requirements in four years. This suggested class schedule plan may be used as a guide and can be adjusted based on individual needs. Students are required to meet with an academic advisor prior to enrollment each semester to plan their class schedule, and students are ultimately responsible for completing all degree requirements.

Course	Title	Hours
<b>Freshman</b>		
<b>Fall</b>		
ENGL 1113 or ENGL 1313	Composition I or Critical Analysis and Writing I	3
MATH 2103	Business Calculus (A)	3
ECON 2103	Introduction to Microeconomics (S)	3
General Education courses		6
<b>Hours</b>		<b>15</b>
<b>Spring</b>		
ENGL 1213 or ENGL 1413	Composition II or Critical Analysis and Writing II	3
STAT 2013 or STAT 2023	Elementary Statistics (A) or Elementary Statistics for Business and Economics (A)	3
ECON 2203	Introduction to Macroeconomics	3
General Education courses (MATH 2153 required for Graduate Preparation option)		6
<b>Hours</b>		<b>15</b>
<b>Sophomore</b>		
<b>Fall</b>		
ECON 3113	Intermediate Microeconomics	3
General Education courses (MATH 2163 required for Graduate Preparation option)		12
<b>Hours</b>		<b>15</b>
<b>Spring</b>		
ECON 3123	Intermediate Macroeconomics	3
Major, College, and Elective courses (MATH 3103 required for Graduate Preparation option)		12
<b>Hours</b>		<b>15</b>
<b>Junior</b>		
<b>Fall</b>		
Major, College, and Elective courses (STAT 3013 required for Graduate Preparation option)		15
<b>Hours</b>		<b>15</b>
<b>Spring</b>		
Major, College, and Elective courses		15
<b>Hours</b>		<b>15</b>

## Economics: Pre-Dental, BS

**Requirements for Students Matriculating in or before Academic Year 2022-2023.** Learn more about University Academic Regulation 3.1 (p. 943).

**Minimum Overall Grade Point Average: 2.00**

**Total Hours: 120**

Code	Title	Hours
<b>General Education Requirements</b>		
<i>English Composition</i>		
See Academic Regulation 3.5 (p. 944)		
ENGL 1113	Composition I	3
or ENGL 1313	Critical Analysis and Writing I	
ENGL 1213	Composition II	3
or ENGL 1413	Critical Analysis and Writing II	
or ENGL 3323	Technical Writing	
<i>American History &amp; Government</i>		
HIST 1103	Survey of American History	3
or HIST 1483	American History to 1865 (H)	
or HIST 1493	American History Since 1865 (DH)	
POLS 1113	American Government	3
<i>Analytical &amp; Quantitative Thought (A)</i>		
MATH 2103	Business Calculus (A) <sup>1</sup>	3
STAT 2013	Elementary Statistics (A) <sup>1</sup>	3
or STAT 2023	Elementary Statistics for Business and Economics (A)	
<i>Humanities (H)</i>		
Courses designated (H)		6
<i>Natural Sciences (N)</i>		
Must include one Laboratory Science (L) course		
BIOL 1113	Introductory Biology (N)	4
& BIOL 1111	and Introductory Biology Laboratory (LN)	
or BIOL 1114	Introductory Biology (LN)	
CHEM 1314	Chemistry I (LN)	4
<i>Social &amp; Behavioral Sciences (S)</i>		
Course designated (S)		3
<i>Additional General Education</i>		
Courses designated (A), (H), (N), or (S)		6
<b>Hours Subtotal</b>		<b>41</b>
<b>Diversity (D) &amp; International Dimension (I)</b>		
May be completed in any part of the degree plan		
Select at least one Diversity (D) course		
Select at least one International Dimension (I) course		
<b>College/Departmental Requirements</b>		
<i>First Year Seminar</i>		
(Transfer students with 15 hours exempt)		1
<i>Arts &amp; Humanities</i>		
See note 2.a.		3
<i>Natural &amp; Mathematical Sciences</i>		
See note 2.b.		
BIOL 1604	Animal Biology	4
CHEM 1515	Chemistry II (LN)	5

### Foreign Language

See note 3

0-6 hours

### Upper-Division General Education

Select 6 hours outside major department

See note 2.c.

**Hours Subtotal** **13**

### Major Requirements

Minimum major GPA 2.00.

#### Core Courses

ECON 2103	Introduction to Microeconomics (S)	3
ECON 2203	Introduction to Macroeconomics	3
ECON 3113	Intermediate Microeconomics	3
ECON 3123	Intermediate Macroeconomics	3
ECON 4933	Applied Economics	3

Select 12 hours of upper-division ECON **12**

#### Pre-Dental Option

BIOC 3653	Survey of Biochemistry	3
or BIOC 3713	Biochemistry I	
BIOL 3204	Physiology	4
or BIOL 3214	Human Anatomy	
CHEM 3053	Organic Chemistry I	3
CHEM 3112	Organic Chemistry Laboratory	2
CHEM 3153	Organic Chemistry II	3
MICR 2123	Introduction to Microbiology	3
MICR 2132	Introduction to Microbiology Laboratory	2
PHYS 1114	College Physics I (LN)	4
or PHYS 2014	University Physics I (LN)	
PHYS 1214	College Physics II (LN)	4
or PHYS 2114	University Physics II (LN)	
PSYC 1113	Introductory Psychology (S)	3

**Hours Subtotal** **58**

#### Electives

Select 8 hours **8**

May need to include 6 hours of a foreign language (see note 3).

May need to include 6 hours upper-division general education outside major department (see note 2.c.).

**Hours Subtotal** **8**

**Total Hours** **120**

1

College and Departmental Requirements that may be used to meet General Education Requirements.

## Other Requirements

- See the College of Arts and Sciences Requirements.
- Minimum GPA 2.00 in all ECON courses.
- **Upper-Division Credit:** Total hours must include at least 40 hours in courses numbered 3000 or above.
- **Hours in One Department:** For B.A. and B.S. degrees, no more than 54 hours in one department may be applied to degree requirements.

## College of Arts and Sciences Requirements

### 1. General Education Requirements

No more than two courses (or eight hours) from the major department (<http://catalog.okstate.edu/college-arts-sciences-major-departments/>) may be used to meet General Education and College and Departmental Requirements. The General Education required English Composition, required U.S. History, required American Government, one required MATH or STAT course, and required foreign language for B.A. degrees do not count against the two-course maximum.

### 2. A&S College/Departmental Requirements

- a. Arts and Humanities are defined as any course carrying an (H) designation or courses from AMST, ART, DANC, ENGL (except ENGL 3323 Technical Writing) HIST, MUSI, PHIL (except PHIL 1313 Logic and Critical Thinking (A), PHIL 3003 Symbolic Logic (A) and PHIL 4003 Mathematical Logic and Computability), REL, TH, and foreign languages.
- b. Natural and Mathematical Sciences are defined as any course from the following prefixes: ASTR, BIOC, BIOL, CHEM, CS (except CS 4883 Social Issues in Computing), GEOL, MATH, MICR, PBIO, PHYS, and STAT; or courses from other departments that carry an (A) or (N) general education designation.
- c. The required six hours of upper-division General Education may not include courses from the student's major department. This requirement may be satisfied by courses also used to satisfy any part of a student's degree program (i.e., in General Education, College Departmental Requirements, Major Requirements or Electives).
- d. Non-Western Studies Requirement for B.A. and B.F.A.; One 3-hour course in Non-Western Studies (N.W.). This requirement may be satisfied by courses also used to satisfy any part of a student's degree program (i.e., in General Education, College Departmental Requirements, Major Requirements or Electives).
- e. The College of Arts & Sciences requires a minimum 2.0 GPA in all major requirements and a minimum 2.0 GPA in all major-prefix courses applied to the degree.

### 3. Foreign Language Proficiency

- a. The foreign language requirement for the B.A. may be satisfied by 9 hours college credit in the same language, which must include 3 hours at the 2000-level, or equivalent proficiency (e.g., passing an advanced standing examination; TOEFL exam; presenting a high school transcript which demonstrates the high school was primarily conducted in a language other than English; etc.). Computer Science courses may not be used to satisfy this requirement. Currently Arabic and Mvskoke are not offered at the 2000-level at OSU.
- b. The foreign language requirement for the B.S., B.M. and B.F.A. may be satisfied by presenting a high school transcript which demonstrates two years of study of a single foreign language (passing grades at second-year level of study). It may also be satisfied by 6 hours college credit in the same language, which must include language courses 1713 and 1813, or equivalent proficiency (e.g., passing an advanced standing examination; TOEFL exam; presenting a high school transcript which demonstrates the high school was primarily conducted in a language other than English; etc.). Computer Science courses may not be used to satisfy this requirement.

- c. In addition to a. and b., students pursuing teacher certification must meet novice-high foreign language proficiency by presenting a high school transcript which demonstrates two years of study of a single foreign language with no grade below B. Or, students may complete 3 hours college credit in a single language with no grade below C (or pass an advanced standing examination, College Level Examination Program (CLEP) exam, or Oral Proficiency Interview developed by the American Council on the Teaching of Foreign Languages, equivalent to 3 hours of college credit.) Or, students may meet the requirement by transfer of documentation of meeting the foreign language competency from one of the teacher education programs in the State of Oklahoma approved by the Oklahoma State Regents for Higher Education.

### 4. Exclusions

- a. Courses used to satisfy the General Education English Composition, U.S. History, American Government, and Mathematics or Statistics requirements will not count toward the 54-hour maximum allowed from one department.
- b. Courses with ATHL or LEIS prefixes and leisure activity courses may not be used for degree credit.

## Additional State/OSU Requirements

- At least: 60 hours at a four-year institution; 30 hours completed at OSU; 15 of the final 30 or 50% of the upper-division hours in the major field completed at OSU.
- Limit of: one-half of major course requirements as transfer work; one-fourth of hours earned by correspondence; 8 transfer correspondence hours.
- Students will be held responsible for degree requirements in effect at the time of matriculation and any changes that are made, so long as these changes do not result in semester credit hours being added or do not delay graduation.
- Degrees that follow this plan must be completed by the end of Summer 2028.

## Economics: Pre-Medical, BS

**Requirements for Students Matriculating in or before Academic Year 2022-2023.** Learn more about University Academic Regulation 3.1 (p. 943).

**Minimum Overall Grade Point Average: 2.00**

**Total Hours: 120**

Code	Title	Hours
<b>General Education Requirements</b>		
<i>English Composition</i>		
See Academic Regulation 3.5 (p. 944)		
ENGL 1113	Composition I	3
or ENGL 1313	Critical Analysis and Writing I	
ENGL 1213	Composition II	3
or ENGL 1413	Critical Analysis and Writing II	
or ENGL 3323	Technical Writing	
<i>American History &amp; Government</i>		
HIST 1103	Survey of American History	3
or HIST 1483	American History to 1865 (H)	
or HIST 1493	American History Since 1865 (DH)	
POLS 1113	American Government	3
<i>Analytical &amp; Quantitative Thought (A)</i>		
MATH 2103	Business Calculus (A) <sup>1</sup>	3
STAT 2013	Elementary Statistics (A) <sup>1</sup>	3
or STAT 2023	Elementary Statistics for Business and Economics (A)	
<i>Humanities (H)</i>		
Courses designated (H)		6
<i>Natural Sciences (N)</i>		
Must include one Laboratory Science (L) course		
BIOL 1113	Introductory Biology (N)	4
& BIOL 1111	and Introductory Biology Laboratory (LN)	
or BIOL 1114	Introductory Biology (LN)	
CHEM 1314	Chemistry I (LN)	4
<i>Social &amp; Behavioral Sciences (S)</i>		
Course designated (S)		3
<i>Additional General Education</i>		
Courses designated (A), (H), (N), or (S)		6
<b>Hours Subtotal</b>		<b>41</b>
<b>Diversity (D) &amp; International Dimension (I)</b>		
May be completed in any part of the degree plan		
Select at least one Diversity (D) course		
Select at least one International Dimension (I) course		
<b>College/Departmental Requirements</b>		
<i>First Year Seminar</i>		
(Transfer students with 15 hours exempt)		1
<i>Arts &amp; Humanities</i>		
See note 2.a.		3
<i>Natural &amp; Mathematical Sciences</i>		
See note 2.b.		
BIOL 1604	Animal Biology	4
CHEM 1515	Chemistry II (LN)	5

### Foreign Language

See note 3

0-6 hours

### Upper-Division General Education

Select 6 hours outside major department

See note 2.c.

**Hours Subtotal** **13**

### Major Requirements

Minimum major GPA 2.00.

#### Core Courses

ECON 2103	Introduction to Microeconomics (S)	3
ECON 2203	Introduction to Macroeconomics	3
ECON 3113	Intermediate Microeconomics	3
ECON 3123	Intermediate Macroeconomics	3
ECON 4933	Applied Economics	3

Select 12 hours of upper-division ECON **12**

#### Pre-Medical Option

BIOC 3653	Survey of Biochemistry	3
or BIOC 3713	Biochemistry I	
BIOL 3204	Physiology	4
or BIOL 3214	Human Anatomy	
CHEM 3053	Organic Chemistry I	3
CHEM 3112	Organic Chemistry Laboratory	2
CHEM 3153	Organic Chemistry II	3
MICR 2123	Introduction to Microbiology	3
MICR 2132	Introduction to Microbiology Laboratory	2
MICR 3033	Cell and Molecular Biology	3
or BIOL 3023	General Genetics	
PHYS 1114	College Physics I (LN)	4
or PHYS 2014	University Physics I (LN)	
PHYS 1214	College Physics II (LN)	4
or PHYS 2114	University Physics II (LN)	

**Hours Subtotal** **58**

### Electives

Select 8 hours **8**

May need to include 6 hours of a foreign language (see note 3).

May need to include 6 hours upper-division general education outside major department (see note 2.c.).

**Hours Subtotal** **8**

**Total Hours** **120**

1

College and Departmental Requirements that may be used to meet General Education Requirements.

## Other Requirements

- See the College of Arts and Sciences Requirements.
- Minimum GPA 2.00 in all ECON courses.
- **Upper-Division Credit:** Total hours must include at least 40 hours in courses numbered 3000 or above.
- **Hours in One Department:** For B.A. and B.S. degrees, no more than 54 hours in one department may be applied to degree requirements.

## College of Arts and Sciences Requirements

### 1. General Education Requirements

No more than two courses (or eight hours) from the major department (<http://catalog.okstate.edu/college-arts-sciences-major-departments/>) may be used to meet General Education and College and Departmental Requirements. The General Education required English Composition, required U.S. History, required American Government, one required MATH or STAT course, and required foreign language for B.A. degrees do not count against the two-course maximum.

### 2. A&S College/Departmental Requirements

- a. Arts and Humanities are defined as any course carrying an (H) designation or courses from AMST, ART, DANC, ENGL (except ENGL 3323 Technical Writing) HIST, MUSI, PHIL (except PHIL 1313 Logic and Critical Thinking (A), PHIL 3003 Symbolic Logic (A) and PHIL 4003 Mathematical Logic and Computability), REL, TH, and foreign languages.
- b. Natural and Mathematical Sciences are defined as any course from the following prefixes: ASTR, BIOC, BIOL, CHEM, CS (except CS 4883 Social Issues in Computing), GEOL, MATH, MICR, PBIO, PHYS, and STAT; or courses from other departments that carry an (A) or (N) general education designation.
- c. The required six hours of upper-division General Education may not include courses from the student's major department. This requirement may be satisfied by courses also used to satisfy any part of a student's degree program (i.e., in General Education, College Departmental Requirements, Major Requirements or Electives).
- d. Non-Western Studies Requirement for B.A. and B.F.A.; One 3-hour course in Non-Western Studies (N.W.). This requirement may be satisfied by courses also used to satisfy any part of a student's degree program (i.e., in General Education, College Departmental Requirements, Major Requirements or Electives).
- e. The College of Arts & Sciences requires a minimum 2.0 GPA in all major requirements and a minimum 2.0 GPA in all major-prefix courses applied to the degree.

### 3. Foreign Language Proficiency

- a. The foreign language requirement for the B.A. may be satisfied by 9 hours college credit in the same language, which must include 3 hours at the 2000-level, or equivalent proficiency (e.g., passing an advanced standing examination; TOEFL exam; presenting a high school transcript which demonstrates the high school was primarily conducted in a language other than English; etc.). Computer Science courses may not be used to satisfy this requirement. Currently Arabic and Mvskoke are not offered at the 2000-level at OSU.
- b. The foreign language requirement for the B.S., B.M. and B.F.A. may be satisfied by presenting a high school transcript which demonstrates two years of study of a single foreign language (passing grades at second-year level of study). It may also be satisfied by 6 hours college credit in the same language, which must include language courses 1713 and 1813, or equivalent proficiency (e.g., passing an advanced standing examination; TOEFL exam; presenting a high school transcript which demonstrates the high school was primarily conducted in a language other than English; etc.). Computer Science courses may not be used to satisfy this requirement.

- c. In addition to a. and b., students pursuing teacher certification must meet novice-high foreign language proficiency by presenting a high school transcript which demonstrates two years of study of a single foreign language with no grade below B. Or, students may complete 3 hours college credit in a single language with no grade below C (or pass an advanced standing examination, College Level Examination Program (CLEP) exam, or Oral Proficiency Interview developed by the American Council on the Teaching of Foreign Languages, equivalent to 3 hours of college credit.) Or, students may meet the requirement by transfer of documentation of meeting the foreign language competency from one of the teacher education programs in the State of Oklahoma approved by the Oklahoma State Regents for Higher Education.

### 4. Exclusions

- a. Courses used to satisfy the General Education English Composition, U.S. History, American Government, and Mathematics or Statistics requirements will not count toward the 54-hour maximum allowed from one department.
- b. Courses with ATHL or LEIS prefixes and leisure activity courses may not be used for degree credit.

## Additional State/OSU Requirements

- At least: 60 hours at a four-year institution; 30 hours completed at OSU; 15 of the final 30 or 50% of the upper-division hours in the major field completed at OSU.
- Limit of: one-half of major course requirements as transfer work; one-fourth of hours earned by correspondence; 8 transfer correspondence hours.
- Students will be held responsible for degree requirements in effect at the time of matriculation and any changes that are made, so long as these changes do not result in semester credit hours being added or do not delay graduation.
- Degrees that follow this plan must be completed by the end of Summer 2028.

## Economics: Pre-Veterinary, BS

**Requirements for Students Matriculating in or before Academic Year 2022-2023.** Learn more about University Academic Regulation 3.1 (p. 943).

**Minimum Overall Grade Point Average: 2.00**

**Total Hours: 120**

Code	Title	Hours
<b>General Education Requirements</b>		
<i>English Composition</i>		
See Academic Regulation 3.5 (p. 944)		
ENGL 1113	Composition I	3
or ENGL 1313	Critical Analysis and Writing I	
ENGL 1213	Composition II	3
or ENGL 1413	Critical Analysis and Writing II	
or ENGL 3323	Technical Writing	
<i>American History &amp; Government</i>		
HIST 1103	Survey of American History	3
or HIST 1483	American History to 1865 (H)	
or HIST 1493	American History Since 1865 (DH)	
POLS 1113	American Government	3
<i>Analytical &amp; Quantitative Thought (A)</i>		
MATH 2103	Business Calculus (A) <sup>1</sup>	3
STAT 2013	Elementary Statistics (A) <sup>1</sup>	3
or STAT 2023	Elementary Statistics for Business and Economics (A)	
<i>Humanities (H)</i>		
Courses designated (H)		6
<i>Natural Sciences (N)</i>		
Must include one Laboratory Science (L) course		
BIOL 1113	Introductory Biology (N)	4
& BIOL 1111	and Introductory Biology Laboratory (LN)	
or BIOL 1114	Introductory Biology (LN)	
CHEM 1314	Chemistry I (LN)	4
<i>Social &amp; Behavioral Sciences (S)</i>		
Course designated (S)		3
<i>Additional General Education</i>		
Courses designated (A), (H), (N), or (S)		6
<b>Hours Subtotal</b>		<b>41</b>
<b>Diversity (D) &amp; International Dimension (I)</b>		
May be completed in any part of the degree plan		
Select at least one Diversity (D) course		
Select at least one International Dimension (I) course		
<b>College/Departmental Requirements</b>		
<i>First Year Seminar</i>		
(Transfer students with 15 hours exempt)		1
<i>Arts &amp; Humanities</i>		
See note 2.a.		3
<i>Natural &amp; Mathematical Sciences</i>		
See note 2.b.		
BIOL 1604	Animal Biology	4
CHEM 1515	Chemistry II (LN)	5

### Foreign Language

See note 3

0-6 hours

### Upper-Division General Education

Select 6 hours outside major department

See note 2.c.

**Hours Subtotal** **13**

### Major Requirements

Minimum major GPA 2.00.

#### Core Courses

ECON 2103	Introduction to Microeconomics (S)	3
ECON 2203	Introduction to Macroeconomics	3
ECON 3113	Intermediate Microeconomics	3
ECON 3123	Intermediate Macroeconomics	3
ECON 4933	Applied Economics	3

Select 12 hours of upper-division ECON **12**

#### Pre-Veterinary Option

Select 3 hours of upper-division ECON **3**

ANSI 3543 Principles of Animal Nutrition **3**

BIOC 3653 Survey of Biochemistry **3**

or BIOC 3713 Biochemistry I **3**

CHEM 3053 Organic Chemistry I **3**

CHEM 3112 Organic Chemistry Laboratory **2**

CHEM 3153 Organic Chemistry II **3**

ENGL 3323 Technical Writing **3**

or SPCH 2713 Introduction to Speech Communication (S) **3**

MICR 2123 Introduction to Microbiology **3**

MICR 2132 Introduction to Microbiology Laboratory **2**

PHYS 1114 College Physics I (LN) **4**

or PHYS 2014 University Physics I (LN) **4**

PHYS 1214 College Physics II (LN) **4**

or PHYS 2114 University Physics II (LN) **4**

PSYC 1113 Introductory Psychology (S) **3**

**Hours Subtotal** **63**

#### Electives

Select 3 hours **3**

May need to include 6 hours of a foreign language (see note 3).

May need to include 6 hours upper-division general education outside major department (see note 2.c.).

**Hours Subtotal** **3**

**Total Hours** **120**

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College and Departmental Requirements that may be used to meet General Education Requirements.

## Other Requirements

- See the College of Arts and Sciences Requirements.
- Minimum GPA 2.00 in all ECON courses.
- **Upper-Division Credit:** Total hours must include at least 40 hours in courses numbered 3000 or above.
- **Hours in One Department:** For B.A. and B.S. degrees, no more than 54 hours in one department may be applied to degree requirements.



## College of Arts and Sciences Requirements

### 1. General Education Requirements

No more than two courses (or eight hours) from the major department (<http://catalog.okstate.edu/college-arts-sciences-major-departments/>) may be used to meet General Education and College and Departmental Requirements. The General Education required English Composition, required U.S. History, required American Government, one required MATH or STAT course, and required foreign language for B.A. degrees do not count against the two-course maximum.

### 2. A&S College/Departmental Requirements

- a. Arts and Humanities are defined as any course carrying an (H) designation or courses from AMST, ART, DANC, ENGL (except ENGL 3323 Technical Writing) HIST, MUSI, PHIL (except PHIL 1313 Logic and Critical Thinking (A), PHIL 3003 Symbolic Logic (A) and PHIL 4003 Mathematical Logic and Computability), REL, TH, and foreign languages.
- b. Natural and Mathematical Sciences are defined as any course from the following prefixes: ASTR, BIOC, BIOL, CHEM, CS (except CS 4883 Social Issues in Computing), GEOL, MATH, MICR, PBIO, PHYS, and STAT; or courses from other departments that carry an (A) or (N) general education designation.
- c. The required six hours of upper-division General Education may not include courses from the student's major department. This requirement may be satisfied by courses also used to satisfy any part of a student's degree program (i.e., in General Education, College Departmental Requirements, Major Requirements or Electives).
- d. Non-Western Studies Requirement for B.A. and B.F.A.; One 3-hour course in Non-Western Studies (N.W.). This requirement may be satisfied by courses also used to satisfy any part of a student's degree program (i.e., in General Education, College Departmental Requirements, Major Requirements or Electives).
- e. The College of Arts & Sciences requires a minimum 2.0 GPA in all major requirements and a minimum 2.0 GPA in all major-prefix courses applied to the degree.

### 3. Foreign Language Proficiency

- a. The foreign language requirement for the B.A. may be satisfied by 9 hours college credit in the same language, which must include 3 hours at the 2000-level, or equivalent proficiency (e.g., passing an advanced standing examination; TOEFL exam; presenting a high school transcript which demonstrates the high school was primarily conducted in a language other than English; etc.). Computer Science courses may not be used to satisfy this requirement. Currently Arabic and Mvskoke are not offered at the 2000-level at OSU.
- b. The foreign language requirement for the B.S., B.M. and B.F.A. may be satisfied by presenting a high school transcript which demonstrates two years of study of a single foreign language (passing grades at second-year level of study). It may also be satisfied by 6 hours college credit in the same language, which must include language courses 1713 and 1813, or equivalent proficiency (e.g., passing an advanced standing examination; TOEFL exam; presenting a high school transcript which demonstrates the high school was primarily conducted in a language other than English; etc.). Computer Science courses may not be used to satisfy this requirement.

- c. In addition to a. and b., students pursuing teacher certification must meet novice-high foreign language proficiency by presenting a high school transcript which demonstrates two years of study of a single foreign language with no grade below B. Or, students may complete 3 hours college credit in a single language with no grade below C (or pass an advanced standing examination, College Level Examination Program (CLEP) exam, or Oral Proficiency Interview developed by the American Council on the Teaching of Foreign Languages, equivalent to 3 hours of college credit.) Or, students may meet the requirement by transfer of documentation of meeting the foreign language competency from one of the teacher education programs in the State of Oklahoma approved by the Oklahoma State Regents for Higher Education.

### 4. Exclusions

- a. Courses used to satisfy the General Education English Composition, U.S. History, American Government, and Mathematics or Statistics requirements will not count toward the 54-hour maximum allowed from one department.
- b. Courses with ATHL or LEIS prefixes and leisure activity courses may not be used for degree credit.

## Additional State/OSU Requirements

- At least: 60 hours at a four-year institution; 30 hours completed at OSU; 15 of the final 30 or 50% of the upper-division hours in the major field completed at OSU.
- Limit of: one-half of major course requirements as transfer work; one-fourth of hours earned by correspondence; 8 transfer correspondence hours.
- Students will be held responsible for degree requirements in effect at the time of matriculation and any changes that are made, so long as these changes do not result in semester credit hours being added or do not delay graduation.
- Degrees that follow this plan must be completed by the end of Summer 2028.

## English

The Department of English prides itself on the diversity of its course offerings and on its small lecture and discussion classes. The department offers a full range of courses in seven areas: literature, creative writing, screen studies, linguistics, teaching English as a second language, rhetoric and writing studies. The number of students in any English class rarely exceeds 30; and in first-year composition the enrollment limit is 19. The maximum number of students in a graduate-level class is 12.

An undergraduate English major may select from five options: the traditional literature-based option emphasizes literary appreciation and analysis and allows ample opportunity for discussion, independent thinking and writing. English majors can also add a teaching certificate to this option by completing the required education courses as electives. The creative writing option includes fiction writing, poetry writing and creative nonfiction, with emphasis on interactive workshop classes in which students hone their skills. The third option, screen studies, focuses on the study of the history, theory and aesthetics of cinema, television and new media. And the fourth option, rhetoric and writing studies, is for majors who seek careers in which their writing skills will be applied to the task of generating and exchanging ideas in professional settings. The fifth option is a pre-law track for students planning to go into the legal professions.

Many English majors pursue careers directly related to their major, such as those in teaching, editing or publishing, or they may decide to go to graduate school in order to teach in a college or university. Other students find that an English major is excellent preparation for law school or for careers in the ministry, government, business, counseling, social work or library science.

The Department of English actively participates in the University Honors Program. Students who qualify for Honors are eligible to enroll in restricted courses and to write a Senior Honors Thesis. The department offers Honors courses at all levels, including an Honors seminar on a different topic each year.

A Bachelor of Arts in English requires 45 hours of lower- and upper-division English courses. An English minor requires 18 hours of English, at least nine of which must be upper-division (These hours do not include Freshman Composition.). The department also offers minors in Creative Writing, Linguistics, Professional Writing, and Screen Studies. Undergraduate students majoring in English or in another discipline may also wish to earn a Certificate in TESOL (Teaching English to Speakers of Other Languages).

## Courses

### ENGL 0003 Academic English for Graduate Students

**Description:** Study and practice of English listening, reading and speaking skills required for graduate study. Graded on satisfactory-unsatisfactory basis.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** English

### ENGL 1010 Studies in English Composition

**Description:** Special study in composition to allow transfer students to fulfill general education requirements as established by Regent's policy. Offered for variable credit, 1-2 credit hours, maximum of 2 credit hours.

**Credit hours:** 1-2

**Contact hours:** Contact: 1-2 Other: 1-2

**Levels:** Undergraduate

**Schedule types:** Independent Study

**Department/School:** English

### ENGL 1113 Composition I

**Description:** The fundamentals of expository writing with emphasis on structure, development and style.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** English

### ENGL 1123 International Freshman Composition I

**Description:** Restricted to students whose native language is not English. Expository writing with emphasis on structure and development. Special attention to problems of English as a second language. This course may be substituted for ENGL 1113. Previously offered as ENGL 1013.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** English

### ENGL 1213 Composition II

**Prerequisites:** ENGL 1113 or ENGL 1123 or ENGL 1313.

**Description:** Expository composition with emphasis on technique and style through intensive and extensive readings.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** English

### ENGL 1223 International Freshman Composition II

**Prerequisites:** ENGL 1113 or ENGL 1123.

**Description:** Restricted to students whose native language is not English. Expository composition with emphasis on technique and style in writing research papers. May be substituted for ENGL 1213. Previously offered as ENGL 1033.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** English

### ENGL 1313 Critical Analysis and Writing I

**Description:** Expository writing forms, including summary, critique, and synthesis. Writing assignments based on readings from across the curriculum. May be substituted for ENGL 1113 for gifted writers who seek a more challenging course.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** English

**ENGL 1413 Critical Analysis and Writing II**

**Description:** Critical thinking, research, and writing skills necessary for success in courses across the curriculum. Some sections available for honors credit. May be substituted for ENGL 1213 for gifted writers who seek a more challenging course.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** English

**ENGL 1923 Great Works of Literature (H)**

**Description:** Some of the best literature of all time, from Ancient Greece to modern-day America. Works are set in their cultural and historical context, providing the chance to explore the art and life of different ages.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** English

**General Education and other Course Attributes:** Humanities

**ENGL 2233 Writing as a Profession (H)**

**Description:** An overview of genres and styles of writing in professional contexts, including organizations, science and industry.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** English

**General Education and other Course Attributes:** Humanities

**ENGL 2243 Language, Text and Culture (HI)**

**Description:** Investigation of how human language relates to culture.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** English

**General Education and other Course Attributes:** Humanities, International Dimension

**ENGL 2253 Theory and Practice of Digital Studies**

**Description:** Introduction to digital studies including historical, cultural, and technological contexts. Students will produce digital projects interrogating issues and challenges of digital cultures including webpages, podcasts, and infographics. No prior computer experience needed.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** English

**ENGL 2413 Exploring Literature (DH)**

**Description:** Readings from a wide range of literature depicting diverse experiences and identities. Class discussions cover literary forms and meanings, along with the imaginative depictions of different communities.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** English

**General Education and other Course Attributes:** Diversity, Humanities

**ENGL 2443 Languages of the World (I)**

**Description:** A comprehensive survey of world languages. The essential structural and historical organization of languages. The process of languages as a basic human function. Same course as FLL 2443.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** English

**General Education and other Course Attributes:** International Dimension

**ENGL 2453 Introduction to Film and Television (H)**

**Description:** Introduction to the formal analysis of moving images - film, television, and new media - in aesthetic, cultural, and political contexts. Students discuss and write about films and other moving images screened in class.

**Credit hours:** 3

**Contact hours:** Lecture: 2 Lab: 2 Contact: 4

**Levels:** Undergraduate

**Schedule types:** Lab, Lecture, Combined lecture and lab

**Department/School:** English

**General Education and other Course Attributes:** Humanities

**ENGL 2513 Introduction to Creative Writing (H)**

**Description:** Literary composition with emphasis on techniques and style through readings and writings in fiction, poetry and creative nonfiction.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** English

**General Education and other Course Attributes:** Humanities

**ENGL 2543 Survey of British Literature I (H)**

**Description:** The beginnings through the Neo-Classic Period.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** English

**General Education and other Course Attributes:** Humanities

**ENGL 2653 Survey of British Literature II (H)**

**Description:** The Romantic Period to the present.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** English

**General Education and other Course Attributes:** Humanities

**ENGL 2773 Survey of American Literature I (H)**

**Description:** The Puritans through the Romantic Period.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** English

**General Education and other Course Attributes:** Humanities

**ENGL 2883 Survey of American Literature II (DH)****Description:** The Romantic Period to the present.**Credit hours:** 3**Contact hours:** Lecture: 3 Contact: 3**Levels:** Undergraduate**Schedule types:** Lecture**Department/School:** English**General Education and other Course Attributes:** Diversity, Humanities**ENGL 2890 Honors Experience in English****Prerequisites:** Honors Program participation and concurrent enrollment in a designated ENGL course.**Description:** A supplemental Honors experience in English to partner concurrently with designated English course(s). This course adds a different intellectual dimension to the designated course(s). Offered for fixed credit, 1 credit hour, maximum of 6 credit hours.**Credit hours:** 1**Contact hours:** Lecture: 1 Contact: 1**Levels:** Undergraduate**Schedule types:** Lecture**Department/School:** English**General Education and other Course Attributes:** Honors Credit**ENGL 2963 Survey of Postcolonial and Indigenous Literatures (HI)****Description:** Introduction to the literature of the indigenous people and postcolonial nations of the world. Previously offered as ENGL 3173.**Credit hours:** 3**Contact hours:** Lecture: 3 Contact: 3**Levels:** Undergraduate**Schedule types:** Lecture**Department/School:** English**General Education and other Course Attributes:** Humanities, International Dimension**ENGL 3030 Fiction Writing****Prerequisites:** ENGL 2513.**Description:** Directed readings and practice in writing fiction with special attention to techniques. Previously offered as ENGL 3033. Offered for fixed credit, 3 credit hours, maximum of 6 credit hours.**Credit hours:** 3**Contact hours:** Lecture: 3 Contact: 3**Levels:** Undergraduate**Schedule types:** Lecture**Department/School:** English**ENGL 3040 Poetry Writing****Prerequisites:** ENGL 2513.**Description:** Directed readings and practice in writing poetry with special attention to techniques. Offered for fixed credit, 3 credit hours, maximum of 6 credit hours.**Credit hours:** 3**Contact hours:** Lecture: 3 Contact: 3**Levels:** Undergraduate**Schedule types:** Lecture**Department/School:** English**ENGL 3060 Creative Nonfiction Writing****Prerequisites:** ENGL 2513.**Description:** Directed readings and practice in writing nonfiction with special attention to techniques. Offered for fixed credit, 3 credit hours, maximum of 6 credit hours.**Credit hours:** 3**Contact hours:** Lecture: 3 Contact: 3**Levels:** Undergraduate**Schedule types:** Lecture**Department/School:** English**ENGL 3073 Film Production****Description:** An overview of film production introducing students pre-production; the basics of on-set production; and the mechanics of camera operation and editing software.**Credit hours:** 3**Contact hours:** Lecture: 3 Contact: 3**Levels:** Undergraduate**Schedule types:** Lecture**Department/School:** English**ENGL 3123 Mythology (H)****Description:** Myths, their cultural context, and their place in world literature. Same course as LATN 3123.**Credit hours:** 3**Contact hours:** Lecture: 3 Contact: 3**Levels:** Undergraduate**Schedule types:** Lecture**Department/School:** English**General Education and other Course Attributes:** Humanities**ENGL 3133 Readings in Multi-Ethnic American Literature****Description:** Literature by American writers of diverse ethnicities.**Credit hours:** 3**Contact hours:** Lecture: 3 Contact: 3**Levels:** Undergraduate**Schedule types:** Lecture**Department/School:** English**ENGL 3143 Readings in Postcolonial Literature (HI)****Description:** Literature in English by writers from parts of the world once colonized by the West.**Credit hours:** 3**Contact hours:** Lecture: 3 Contact: 3**Levels:** Undergraduate**Schedule types:** Lecture**Department/School:** English**General Education and other Course Attributes:** Humanities, International Dimension**ENGL 3153 Readings in Literature by Women (DH)****Description:** The collection of literature written by women in England and America, classical and modern figures. Previously offered as ENGL 4773.**Credit hours:** 3**Contact hours:** Lecture: 3 Contact: 3**Levels:** Undergraduate**Schedule types:** Lecture**Department/School:** English**General Education and other Course Attributes:** Diversity, Humanities

**ENGL 3163 Literatures of the Ancient World (H)**

**Description:** Readings and topics in the cultures and literatures of the ancient world.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** English

**General Education and other Course Attributes:** Humanities

**ENGL 3170 Readings in Literature and Other Disciplines**

**Description:** A study of literature and its historical or thematic connections to one or more of the fine arts or disciplines in the humanities or social sciences. Offered for fixed credit, 3 credit hours, maximum of 6 credit hours.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** English

**ENGL 3183 Native American Literature (DH)**

**Description:** Origins and development of a literary tradition in its historical and cultural context.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** English

**General Education and other Course Attributes:** Diversity, Humanities

**ENGL 3190 Readings in Postcolonial and Multiethnic Literature**

**Description:** Principal literary and critical texts written in English either by writers from parts of the world once colonized by the West or by American writers of different ethnic origins whose work bridges cultures. Offered for fixed credit, 3 credit hours, maximum of 6 credit hours.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** English

**ENGL 3193 African-American Literature (DH)**

**Description:** Origins and development of a literary tradition in its historical and cultural context.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** English

**General Education and other Course Attributes:** Diversity, Humanities

**ENGL 3200 Special Problems in Language and Literature**

**Prerequisites:** 9 credit hours of English.

**Description:** Specialized readings and independent study. Offered for variable credit, 1-3 credit hours, maximum of 3 credit hours.

**Credit hours:** 1-3

**Contact hours:** Contact: 1-3 Other: 1-3

**Levels:** Undergraduate

**Schedule types:** Independent Study

**Department/School:** English

**ENGL 3203 Advanced Composition**

**Prerequisites:** 9 hours of English.

**Description:** An advanced writing course based on contemporary theories of composition.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** English

**ENGL 3223 Professional Writing Theory**

**Description:** Major theories, issues and methodologies in professional writing.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** English

**ENGL 3243 Literary Theory and Criticism**

**Description:** Study of the major works of critical theory and literary criticism.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** English

**ENGL 3263 Film & TV Criticism**

**Description:** An inquiry into the major concepts and debates of mass-media theory. Issues addressed include the nature of the relation between images and reality; the psychological and cultural significance of style in film, television, and new media representations; and the role that mass-media play in the organization of social and political relations.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** English

**ENGL 3323 Technical Writing**

**Prerequisites:** ENGL 1113 or ENGL 1213 or ENGL 1313 and junior standing.

**Description:** Applied writing in areas of specialization. Intensive practice in professional/technical writing genres, styles, research techniques and editing for specialized audiences. This course may be substituted for ENGL 1213 with an "A" or "B" in ENGL 1113 and consent of the student's college.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** English

**ENGL 3333 Short Story (H)**

**Description:** Origins, development, theory and craft of the short story.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** English

**General Education and other Course Attributes:** Humanities



**ENGL 3343 Reading Poetry**

**Description:** This course in poetic literacy will introduce students to the major poetic forms, to changes in aesthetics of poetry over time, to figurative language, to prosody, to the particular interpretative skills required to understand and write about the genre.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** English

**ENGL 3353 Film and Literature**

**Description:** A study of film and literature in relation, whether by way of adaptation studies, the distinct "grammars" of images and language, or the emergence of film and literary forms alongside each other in aesthetic movements.

**Credit hours:** 3

**Contact hours:** Lecture: 2 Lab: 2 Contact: 4

**Levels:** Undergraduate

**Schedule types:** Lab, Lecture, Combined lecture and lab

**Department/School:** English

**ENGL 3363 Readings in Drama (H)**

**Description:** Close study of representative plays of various periods (for example, Classical, Renaissance, Restoration, Modern, and others) and of the main formal categories (tragedy, comedy).

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** English

**General Education and other Course Attributes:** Humanities

**ENGL 3373 Readings in Nonfiction**

**Description:** Theory and practice of creative nonfiction in English, including autobiography, travel writing, literary journalism, correspondence and the essay.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** English

**ENGL 3383 Readings in Narrative**

**Description:** Readings in narrative of different periods and different genres.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** English

**ENGL 3410 Popular Fiction**

**Description:** Study of certain popular genres of fiction including science fiction, detective fiction, Western fiction, horror and the grotesque, the romance, American humor. Course content varies by semester. Exploration of the characteristics and evolution of the genre while developing skills in reading, writing and thinking critically. Offered for fixed credit, 3 credit hours, maximum of 6 credit hours.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** English

**ENGL 3433 Introduction to Television Studies (H)**

**Description:** A focused examination of one aspect of television culture, technology, history and/or style. While the particular topics to be considered vary, and include everything from TV genres to TV theories, in each instance the course gives students an in-depth understanding of how television shapes the social and political world in which we live. Previously offered as ENGL 3430.

**Credit hours:** 3

**Contact hours:** Lecture: 2 Lab: 2 Contact: 4

**Levels:** Undergraduate

**Schedule types:** Lab, Lecture, Combined lecture and lab

**Department/School:** English

**General Education and other Course Attributes:** Humanities

**ENGL 3440 Studies in Film Genre**

**Description:** A comparative study of types of films both inside the Hollywood system and in other national cinemas. The western, the film noir and the musical, as well as genres from such countries as France, Germany and Japan. Focused knowledge of selected genres, a sense of the economic imperatives that necessitate generic "contracts" between film producers and viewers and knowledge of the history of specific genres. Previously offered as ENGL 3443. Offered for fixed credit, 3 credit hours, maximum of 6 credit hours.

**Credit hours:** 3

**Contact hours:** Lecture: 2 Lab: 2 Contact: 4

**Levels:** Undergraduate

**Schedule types:** Lab, Lecture, Combined lecture and lab

**Department/School:** English

**ENGL 3453 History of American Film (H)**

**Description:** Examines the history of cinema in the U.S. from its beginnings until the present, addressing such issues as: the origins of cinema, the coming of sound, American film genres, the Hollywood studio system, censorship, the challenge of television, the new American cinema of the 1970s, the politics of independent film production, and the rise of computer-generated imagery.

**Credit hours:** 3

**Contact hours:** Lecture: 2 Lab: 2 Contact: 4

**Levels:** Undergraduate

**Schedule types:** Lab, Lecture, Combined lecture and lab

**Department/School:** English

**General Education and other Course Attributes:** Humanities

**ENGL 3463 History of International Film (HI)**

**Description:** Introduction to the history of international cinema and the principal eras in film history, focusing on the moments when different national cinemas flourished.

**Credit hours:** 3

**Contact hours:** Lecture: 2 Lab: 2 Contact: 4

**Levels:** Undergraduate

**Schedule types:** Lab, Lecture, Combined lecture and lab

**Department/School:** English

**General Education and other Course Attributes:** Humanities, International Dimension

**ENGL 3473 Race, Gender, and Ethnicity in American Film (D)**

**Description:** A survey of race, gender, and ethnicity as they have been represented in American films. Same course as AMST 3473.

**Credit hours:** 3

**Contact hours:** Lecture: 2 Lab: 2 Contact: 4

**Levels:** Undergraduate

**Schedule types:** Lab, Lecture, Combined lecture and lab

**Department/School:** English

**General Education and other Course Attributes:** Diversity



**ENGL 3483 Screenwriting**

**Description:** Introduction to the craft of screenwriting. Students will write and workshop their own screenplays and treatments.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** English

**ENGL 3503 Television and American Society (DH)**

**Description:** Examination of television within the social and cultural context of the U.S. Looks at the aesthetic and industrial practices that shape representation on TV and the effects of those practices, particularly for socially disempowered groups. Same course as AMST 3503.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** English

**General Education and other Course Attributes:** Diversity, Humanities

**ENGL 3813 Readings in the American Experience (DH)**

**Description:** Life in the New World from the colonial to the postmodern era using a multiplicity of interdisciplinary texts that demonstrate the emergence and ongoing evolution of distinctive American identities. Same course as AMST 3813.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** English

**General Education and other Course Attributes:** Diversity, Humanities

**ENGL 3890 Advanced Honors Experience in English**

**Prerequisites:** Honors Program participation and concurrent enrollment in a designated ENGL course.

**Description:** A supplemental advanced honors experience in English to partner concurrently with designated upper-division English course(s). This course adds a different intellectual dimension to the designated course(s). Offered for fixed credit, 1 credit hour, maximum of 6 credit hours.

**Credit hours:** 1

**Contact hours:** Lecture: 1 Contact: 1

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** English

**General Education and other Course Attributes:** Honors Credit

**ENGL 3903 Writing Center Theory and Practice**

**Prerequisites:** Six hours English or consent of instructor.

**Description:** Writing center research with practical applications in writing instruction.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Lab: 4 Contact: 7

**Levels:** Undergraduate

**Schedule types:** Lab, Lecture, Combined lecture and lab

**Department/School:** English

**ENGL 3933 Shakespeare (H)**

**Description:** Recurring themes and their variations in Shakespeare's work. Nature of these genres in the period and Shakespeare's innovations. The structure and language of the plays, occasional examination of historical documents and contexts, modern performances, and critical essays.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** English

**General Education and other Course Attributes:** Humanities

**ENGL 4003 History of the English Language**

**Description:** The growth of the English language.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** English

**ENGL 4013 English Grammar**

**Description:** The traditional terminology and concepts of English grammar leading or evolving into the several current systems of description. May not be used for degree credit with ENGL 5130.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** English

**ENGL 4033 Discourse Analysis**

**Description:** Introduction to the analysis of the language used in spoken and written discourse contexts in a variety of genres. May not be used for degree credit with ENGL 5340.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** English

**ENGL 4043 Teaching English to Speakers of Other Languages**

**Description:** Designed to develop the skills and techniques needed in teaching English to speakers of other languages (TESOL). Examines the theoretical issues behind the practice and methodologies and classroom techniques, including the testing of English and the selection and preparation of teaching materials.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** English

**ENGL 4053 Film Directing**

**Description:** An overview of film direction introducing students to the dramatic elements of film production and best practices for working with cast and crew by way of hands-on experience of film directing.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** English

**ENGL 4063 Introduction to Descriptive Linguistics**

**Description:** The methodology of linguistic analysis. May not be used for degree credit with ENGL 5143.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** English

**ENGL 4073 Introduction to Sociolinguistics**

**Description:** The study of how languages and varieties vary in social contexts and how they are regarded. May not be used for degree credit with ENGL 5173.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** English

**ENGL 4080 Studies in Linguistics**

**Description:** Study of a topic in linguistics, chosen at the instructor's discretion. May not be used for degree credit with ENGL 5140 or ENGL 6410. Offered for fixed credit, 3 credit hours, maximum of 6 credit hours.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** English

**ENGL 4083 Applied Linguistics**

**Description:** Introduction to the applied study of language in use, including aspects of discourse, power, identity, and language choice among other topics.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** English

**ENGL 4093 Language in America (DS)**

**Description:** Historical development of American English. Regional, social and cultural language differences.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** English

**General Education and other Course Attributes:** Diversity, Social & Behavioral Sciences

**ENGL 4100 Studies in Medieval British Literature**

**Description:** Special topics encompassing the many different ethnic traditions and genres found in medieval British literature. Offered for fixed credit, 3 credit hours, maximum of 6 credit hours.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** English

**ENGL 4110 Studies in 16th Century British Literature**

**Description:** Literature themes of the English Renaissance focusing on related authors and topics. Authors include Shakespeare, Spenser, Sidney, Marlowe, Raleigh, Wyatt, and Surrey. Offered for fixed credit, 3 credit hours, maximum of 6 credit hours.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** English

**ENGL 4120 Studies in 17th Century British Literature**

**Description:** Obtaining an understanding of 17th century British literature while developing skills as a critical thinker, a reader of literary texts and a writer of expository prose. Offered for fixed credit, 3 credit hours, maximum of 6 credit hours.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** English

**ENGL 4130 Studies in 18th Century British Literature**

**Description:** Selected topics in British literature from 1660-1800. Various writers and their works and themes and literary developments of the period. Topics vary by semester. Offered for fixed credit, 3 credit hours, maximum of 6 credit hours.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** English

**ENGL 4143 Language and Technology**

**Description:** Introduction to the use of linguistic knowledge in computer applications today. How the study of language has contributed to the advancement of technology and how certain computational problems have influenced the way linguists study language.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** English

**ENGL 4160 Studies in 19th Century British Literature**

**Description:** Exploration of the literary culture of nineteenth-century Britain. Topics might range from romantic poetry to the Victorian novel. Offered for fixed credit, 3 credit hours, maximum of 6 credit hours.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** English

**ENGL 4170 Studies in 20th Century British Literature**

**Description:** Various topics focusing on the literature and culture of Britain and Ireland, such as 20th century British and Irish fiction, poetry, or drama; The City; The Irish Renaissance. Offered for fixed credit, 3 credit hours, maximum of 6 credit hours.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** English

**ENGL 4180 Internship in TESL**

**Prerequisites:** ENGL 4043 or CIED 4133 or permission from instructor.  
 Note: CIED 4133 (formerly EDUC 4110) has been submitted for approval for a name change.

**Description:** This internship is designed to provide instructional support and professional mentoring for students seeking the undergraduate certificate in TESOL (Teaching English to Speakers of Other Languages). Previously offered as ENGL 4173. Offered for variable credit, 3-4 credit hours, maximum of 4 credit hours.

**Credit hours:** 3-4

**Contact hours:** Contact: 3-4 Other: 3-4

**Levels:** Undergraduate

**Schedule types:** Independent Study

**Department/School:** English

**ENGL 4200 Studies in Early American Literature**

**Description:** Readings and topics in early American literature and culture. Offered for fixed credit, 3 credit hours, maximum of 6 credit hours.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** English

**ENGL 4210 Studies in 19th Century American Literature**

**Description:** Themes in 19th century American literature with attention to social and cultural contexts. Offered for fixed credit, 3 credit hours, maximum of 6 credit hours.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** English

**ENGL 4220 Studies in 20th Century American Literature**

**Description:** Topics focusing on the literature and culture of the United States, such as 20th century American fiction, poetry, or drama; alienation and activism; the impact of science and technology. Offered for fixed credit, 3 credit hours, maximum of 6 credit hours.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** English

**ENGL 4223 Introduction to Old English**

**Description:** The basics of pronunciation, vocabulary, and grammar, enabling students to read short works in prose and poetry. Previously offered as ENGL 5023.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** English

**ENGL 4230 Literature of Diversity (DH)**

**Description:** Readings on topics such as gender, race, ethnicity, sexuality, disability, and class. Offered for fixed credit, 3 credit hours, maximum of 6 credit hours.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** English

**General Education and other Course Attributes:** Diversity, Humanities

**ENGL 4263 Moving Image Aesthetics (H)**

**Description:** A historical and theoretical examination of the stylistic and affective dimension of moving images, including questions of beauty and ugliness, cuteness and the graphic, enjoyment and disgust, high and low culture. Screenings will vary from semester to semester, but may include examples of realism, lo-fi production, prestige pictures, documentary, music videos and cult cinema, and will include material from both American and international contexts.

**Credit hours:** 3

**Contact hours:** Lecture: 2 Lab: 2 Contact: 4

**Levels:** Undergraduate

**Schedule types:** Lab, Lecture, Combined lecture and lab

**Department/School:** English

**General Education and other Course Attributes:** Humanities

**ENGL 4300 Studies in Romanticism**

**Description:** Principle works of Romanticism, reflecting the cultural, social, and political developments. Offered for fixed credit, 3 credit hours, maximum of 6 credit hours.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** English

**ENGL 4310 Studies in Modernism**

**Description:** Selected topics in literature of the early twentieth century. Texts and themes will vary by semester. Offered for fixed credit, 3 credit hours, maximum of 6 credit hours.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** English

**ENGL 4320 Contemporary Literature**

**Description:** Studies and topics in contemporary literature. Offered for fixed credit, 3 credit hours, maximum of 6 credit hours.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** English

**ENGL 4333 Studies in Native American Literature**

**Description:** Readings and topics in Native American Literature and culture. Previously offered as ENGL 4330.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** English

**ENGL 4340 Studies in Postcolonial and Multi-ethnic Literature**

**Description:** Readings and topics in postcolonial literature and culture or multiethnic literature and culture. Offered for variable credit, 3 credit hours, maximum of 6 credit hours.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** English

**ENGL 4350 Contemporary International Cinema**

**Description:** Examines major trends in contemporary international cinema of the last fifteen years. National cinema may include France, Germany, Italy, Spain, Sweden, China, Taiwan, India, South Korea, and Russia, amongst others. Offered for fixed credit, 3 credit hours, maximum of 6 credit hours.

**Credit hours:** 3

**Contact hours:** Lecture: 2 Lab: 2 Contact: 4

**Levels:** Undergraduate

**Schedule types:** Lab, Lecture, Combined lecture and lab

**Department/School:** English

**ENGL 4400 Studies in Regional Literature**

**Description:** Literature of a nation such as Ireland or Canada, or of a region such as the American Southwest. Topic varies by semester. Offered for fixed credit, 3 credit hours, maximum of 6 credit hours.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** English

**ENGL 4450 Culture and the Moving Image**

**Prerequisites:** ENGL 2453.

**Description:** An advanced class that examines in-depth the relation between moving images and a particular cultural phenomenon, including mass media and the production of violence, the moving image as common culture, television and the construction of domestic life, to name only a few possibilities. Offered for fixed credit, 3 credit hours, maximum of 9 credit hours.

**Credit hours:** 3

**Contact hours:** Lecture: 2 Lab: 2 Contact: 4

**Levels:** Undergraduate

**Schedule types:** Lab, Lecture, Combined lecture and lab

**Department/School:** English

**ENGL 4520 Problems in English**

**Prerequisites:** 12 credit hours of English.

**Description:** Specialized readings and independent studies. May not be used for degree credit with ENGL 5990. Offered for variable credit, 1-3 credit hours, maximum of 6 credit hours.

**Credit hours:** 1-3

**Contact hours:** Contact: 1-3 Other: 1-3

**Levels:** Undergraduate

**Schedule types:** Independent Study

**Department/School:** English

**ENGL 4523 Professional Writing Internship**

**Prerequisites:** ENGL 4543 and ENGL 4553 or permission of instructor.

**Description:** Supervised work-and-learning experience in writing, editing, document design, and research in the workplace. May not be used for degree credit with ENGL 5520.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** English

**ENGL 4530 Studies in Professional Writing**

**Prerequisites:** Six credit hours of English.

**Description:** Selected topics in professional writing, focusing on a particular theme, issue or theoretical approach. Previously offered as ENGL 4533. Offered for fixed credit, 3 credit hours, maximum of 9 credit hours. May not be used for degree credit with ENGL 5560.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** English

**ENGL 4543 Style and Editing**

**Description:** An intensive study of writing style and editing from the sentence level (including diction and grammatical arrangement) to the levels of genres of communication. Writing assignments on style for different audiences. May not be used for degree credit with ENGL 5593.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** English

**ENGL 4553 Visual Rhetoric and Design**

**Description:** Major theories, issues, and methodologies in visual rhetoric and design. Practice of theory through guided composing work. May not be used for degree credit with ENGL 5553.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** English

**ENGL 4573 Games and Writing**

**Description:** Major theories, practices, and methods of digital and procedural rhetorics. Students will study, analyze, and design games, with special emphasis on how they make persuasive appeals through software and code.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** English

**ENGL 4583 Writing for the Public**

**Description:** Examination and practice of writing for varied publics. Students will produce projects grounded in public advocacy, nonprofit, and/or community sites situated in local, national, and/or web spaces.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** English

**ENGL 4593 Writing Across the Disciplines**

**Description:** A course that explores writing in multiple disciplinary contexts and the complexities that come with entering a particular academic discourse community. We will examine writing in STEM, the social sciences, and the humanities and analyze the ways in which writing in these disciplines changes and adapts. This course aims to help students understand different rhetorical moves made in discipline-specific writing and how this knowledge transfers to their own writing abilities and growth.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** English

**ENGL 4600 Studies in Chaucer or Milton**

**Description:** Various topics focusing on the works of Chaucer or Milton. Offered for fixed credit, 3 credit hours, maximum of 6 credit hours.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** English

**ENGL 4620 Advanced Creative Nonfiction Writing**

**Prerequisites:** ENGL 3030 or ENGL 3040.

**Description:** Intensive practice in creative nonfiction writing. Previously offered as ENGL 4460. May not be used for degree credit with ENGL 5720 or ENGL 6160. Offered for fixed credit, 3 credit hours, maximum of 6 credit hours.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** English

**ENGL 4630 Advanced Fiction Writing**

**Prerequisites:** ENGL 3030.

**Description:** Intensive practice in fiction writing. Previously offered as ENGL 4633. May not be used for degree credit with ENGL 5730 or ENGL 6130. Offered for fixed credit, 3 credit hours, maximum of 6 credit hours.

**Credit hours:** 3

**Contact hours:** Contact: 3 Other: 3

**Levels:** Undergraduate

**Schedule types:** Independent Study

**Department/School:** English

**ENGL 4640 Advanced Poetry Writing**

**Prerequisites:** ENGL 3040.

**Description:** Intensive practice in poetry writing. Previously offered as ENGL 4643. May not be used for degree credit with ENGL 5740 or ENGL 6140. Offered for fixed credit, 3 credit hours, maximum of 6 credit hours.

**Credit hours:** 3

**Contact hours:** Contact: 3 Other: 3

**Levels:** Undergraduate

**Schedule types:** Independent Study

**Department/School:** English

**ENGL 4700 Single Author or Work Pre-1800**

**Description:** Study of a single author or work prior to 1800 along with supporting literature. Chosen at the instructor's discretion. Offered for fixed credit, 3 credit hours, maximum of 6 credit hours.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** English

**ENGL 4710 Single Author or Work Post-1800**

**Description:** Study of a single author or work after 1800 along with supporting literature. Chosen at the instructor's discretion. Offered for fixed credit, 3 credit hours, maximum of 6 credit hours.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** English

**ENGL 4723 Studies in Shakespeare (H)**

**Description:** Focus on advanced topics in major plays and selected criticism.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** English

**General Education and other Course Attributes:** Humanities

**ENGL 4993 Senior Honors Thesis**

**Prerequisites:** Admission to Arts and Sciences Honors Program and 3.50 cumulative GPA. For Honors students in their final semester.

**Description:** Thesis written on a topic of student's choice and directed by a faculty member. Final approval of thesis requires oral defense.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** English

**General Education and other Course Attributes:** Honors Credit

**ENGL 5000 Master's Thesis**

**Description:** MA thesis. Offered for variable credit, 1-9 credit hours, maximum of 12 credit hours.

**Credit hours:** 1-9

**Contact hours:** Contact: 1-9 Other: 1-9

**Levels:** Graduate

**Schedule types:** Independent Study

**Department/School:** English

**ENGL 5013 Introduction to Graduate Studies**

**Description:** Principles and procedures in scholarly research.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Graduate

**Schedule types:** Lecture

**Department/School:** English



**ENGL 5063 Seminar in Shakespeare**

**Description:** Intensive study of a limited number of plays. Assignment of problems to individual students.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Graduate

**Schedule types:** Lecture

**Department/School:** English

**ENGL 5093 Seminar in Milton**

**Description:** Poetry, major prose and criticism.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Graduate

**Schedule types:** Lecture

**Department/School:** English

**ENGL 5120 Studies in Teaching English as a Second Language**

**Description:** Selected topics in teaching English as a second language; e.g. cross-cultural communication, materials preparation, bilingual education. Offered for variable credit, 1-3 credit hours, maximum of 6 credit hours.

**Credit hours:** 1-3

**Contact hours:** Contact: 1-3 Other: 1-3

**Levels:** Graduate

**Schedule types:** Independent Study

**Department/School:** English

**ENGL 5123 Approaches to Language Acquisition**

**Description:** An overview of theories of first and second language acquisition.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Graduate

**Schedule types:** Lecture

**Department/School:** English

**ENGL 5130 Studies in English Grammar**

**Description:** Selected study of current topics in grammatical theory as it applies to the teaching of English. Offered for fixed credit, 3 credit hours, maximum of 6 credit hours.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Graduate

**Schedule types:** Lecture

**Department/School:** English

**ENGL 5133 Phonetics and Phonology**

**Description:** Exploration of fundamental aspects of the use of sound in human language.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Graduate

**Schedule types:** Lecture

**Department/School:** English

**ENGL 5140 Seminar in Linguistics**

**Description:** Selective study of current topics in linguistics. May not be used for degree credit with ENGL 4080. Offered for fixed credit, 3 credit hours, maximum of 6 credit hours.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Graduate

**Schedule types:** Lecture

**Department/School:** English

**ENGL 5143 Descriptive Linguistics**

**Description:** An introduction to phonology, morphology, syntax and semantics. May not be used for degree credit with ENGL 4063.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Graduate

**Schedule types:** Lecture

**Department/School:** English

**ENGL 5153 Syntax**

**Description:** The study of the principles and rules for constructing phrases and sentences in natural languages.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Graduate

**Schedule types:** Lecture

**Department/School:** English

**ENGL 5163 Middle English Literature**

**Description:** Major works in Middle English.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Graduate

**Schedule types:** Lecture

**Department/School:** English

**ENGL 5173 Sociolinguistics**

**Description:** Introduction to linguistic change and variation in speech communities, focusing on the methods of data collection and analysis. May not be used for degree credit with ENGL 4073.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Graduate

**Schedule types:** Lecture

**Department/School:** English

**ENGL 5183 Acoustic Phonetics**

**Description:** An introduction to acoustic phonetics. Students will learn basic principles of the acoustics of speech sounds, develop practical skills in instrumental measurement, and learn how acoustic data can answer questions about sounds and sound patterns in language.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Graduate

**Schedule types:** Lecture

**Department/School:** English

**ENGL 5201 Writing Center Theory and Pedagogy**

**Description:** The study of writing center theory and practice with the goal of application to one-to-one pedagogy.

**Credit hours:** 1

**Contact hours:** Lecture: 1 Contact: 1

**Levels:** Graduate

**Schedule types:** Lecture

**Department/School:** English

**ENGL 5210 Sem or Directed Study**

**Description:** Specialized readings or independent studies. Offered for variable credit, 1-6 credit hours, maximum of 9 credit hours.

**Credit hours:** 1-6

**Contact hours:** Contact: 1-6 Other: 1-6

**Levels:** Graduate

**Schedule types:** Independent Study

**Department/School:** English



**ENGL 5213 Composition Theory and Pedagogy**

**Description:** The study of methods and materials for effective one-to-one and one-to-many teaching.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Graduate

**Schedule types:** Lecture

**Department/School:** English

**ENGL 5223 Professional Writing Theory and Pedagogy**

**Description:** The study of the needs of students in technical and professional writing service courses, major approaches to teaching professional writing, and the genres often taught in professional writing service courses.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Graduate

**Schedule types:** Lecture

**Department/School:** English

**ENGL 5243 Teaching English as a Second Language**

**Description:** Materials and methods of second language instruction.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Graduate

**Schedule types:** Lecture

**Department/School:** English

**ENGL 5313 Internship, Teaching English as a Second Language**

**Description:** Supervised teaching of beginning through advanced English as a second language courses.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Graduate

**Schedule types:** Lecture

**Department/School:** English

**ENGL 5333 Second Language Assessment**

**Description:** Introduction to the fundamental principles of second and foreign language assessment, including theories of language testing and practical aspects of developing and using language tests. Topics include test design, construction, administration and scoring, psychometric and measurement concepts, basic statistics, as well as test analysis and reporting.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Graduate

**Schedule types:** Lecture

**Department/School:** English

**ENGL 5340 Studies in Discourse Analysis**

**Description:** Selected topics in the study of language in use in spoken or written contexts. May not be used for degree credit with ENGL 4033. Offered for fixed credit, 3 credit hours, maximum of 9 credit hours.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Graduate

**Schedule types:** Lecture

**Department/School:** English

**ENGL 5353 Studies in the History of Rhetoric**

**Description:** An exploration of selected topics and texts in the history of Western and non-Western rhetoric from the classical period to the present.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Graduate

**Schedule types:** Lecture

**Department/School:** English

**ENGL 5360 Seminar in Screen Studies**

**Description:** The exploration of key aesthetic issues of analysis and evaluation as they pertain to film criticism. Previously offered as ENGL 5463. Offered for fixed credit, 3 credit hours, maximum of 9 credit hours.

**Credit hours:** 3

**Contact hours:** Lecture: 2 Lab: 2 Contact: 4

**Levels:** Graduate

**Schedule types:** Lab, Lecture, Combined lecture and lab

**Department/School:** English

**Additional Fees:** English Film, Video fee of \$10 applies.

**ENGL 5363 Critical Approaches to Screen Studies: Theory and History**

**Description:** Designed to provide students with an overview of fundamental theoretical and historical scholarship in film and television studies.

**Credit hours:** 3

**Contact hours:** Lecture: 2 Lab: 2 Contact: 4

**Levels:** Graduate

**Schedule types:** Lab, Lecture, Combined lecture and lab

**Department/School:** English

**ENGL 5370 Studies in Television and New Media**

**Description:** Exploration of aesthetic, cultural, and ideological aspects of television and new media in the United States and abroad. Offered for fixed credit, 3 credit hours, maximum of 9 credit hours.

**Credit hours:** 3

**Contact hours:** Lecture: 2 Lab: 2 Contact: 4

**Levels:** Graduate

**Schedule types:** Lab, Lecture, Combined lecture and lab

**Department/School:** English

**ENGL 5410 Seminar in British Literature of the 16th Century**

**Description:** Selected writers and their works, themes and literary developments of the 16th century. Offered for fixed credit, 3 credit hours, maximum of 9 credit hours.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Graduate

**Schedule types:** Lecture

**Department/School:** English

**ENGL 5420 Seminar in British Literature of the 17th Century**

**Description:** Selected writers and their works, themes and literary developments of the 17th century. Offered for fixed credit, 3 credit hours, maximum of 9 credit hours.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Graduate

**Schedule types:** Lecture

**Department/School:** English

**ENGL 5440 Seminar in British Literature of the 18th Century**

**Description:** Selected writers and their works, themes and literary developments of the 18th century. Offered for fixed credit, 3 credit hours, maximum of 9 credit hours.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Graduate

**Schedule types:** Lecture

**Department/School:** English

**ENGL 5460 Seminar in British Literature of the 19th Century**

**Description:** Selected writers and their works, themes and literary developments of the 19th century. Offered for fixed credit, 3 credit hours, maximum of 9 credit hours.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Graduate

**Schedule types:** Lecture

**Department/School:** English

**ENGL 5480 Seminar in Modern Literature**

**Description:** Selected writers and their works, themes and literary developments of modern literature. Offered for fixed credit, 3 credit hours, maximum of 9 credit hours.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Graduate

**Schedule types:** Lecture

**Department/School:** English

**ENGL 5520 Internship in Professional Writing**

**Prerequisites:** Permission of department.

**Description:** Supervised work-and-learning experience in writing, editing, document design, and research in the workplace. May not be used for degree credit with ENGL 4523. Offered for fixed credit, 3 credit hours, maximum of 6 credit hours.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Graduate

**Schedule types:** Lecture

**Department/School:** English

**ENGL 5523 Genres in Professional Writing**

**Description:** The study of the current status of genre in professional writing theories and its crucial role in professional writing practices.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Graduate

**Schedule types:** Lecture

**Department/School:** English

**ENGL 5553 Studies in Visual Rhetoric and Design**

**Description:** Advanced study of design and visual rhetorical theory. Practice of theory through guided composing work. May not be used for degree credit with ENGL 4553.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Graduate

**Schedule types:** Lecture

**Department/School:** English

**ENGL 5560 Seminar in Professional Writing**

**Description:** Advanced study of selected theories, themes, methods, debates, and developments in professional writing. May not be used for degree credit with ENGL 4530. Offered for variable credit, 3-9 credit hours, maximum of 9 credit hours.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Graduate

**Schedule types:** Lecture

**Department/School:** English

**ENGL 5583 Environmental Writing**

**Description:** Consideration of the historical, political, cultural, and ethical contexts of modern environmentalism and examination of the rhetorical strategies in several types of environmental discourse. Major writing project tailored to individual research interests and career goals.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Graduate

**Schedule types:** Lecture

**Department/School:** English

**ENGL 5593 Seminar in Style and Editing**

**Description:** An advanced study of writing style and editing from the sentence level (including diction and grammatical arrangement) to the levels of genres of communication. Writing assignments on style for different audiences. May not be used for degree credit with ENGL 4543.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Graduate

**Schedule types:** Lecture

**Department/School:** English

**ENGL 5630 Seminar in Early American Literature**

**Description:** Selected writers and their works, themes and literary developments of the 17th and 18th centuries. Offered for fixed credit, 3 credit hours, maximum of 9 credit hours.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Graduate

**Schedule types:** Lecture

**Department/School:** English

**ENGL 5660 Seminar in American Literature of the 19th Century**

**Description:** Selected writers and their works, themes and literary developments of the 19th century. Offered for fixed credit, 3 credit hours, maximum of 9 credit hours.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Graduate

**Schedule types:** Lecture

**Department/School:** English

**ENGL 5680 Seminar in Contemporary Literature**

**Description:** Selected writers and their works, themes and literary developments in contemporary literature. Offered for fixed credit, 3 credit hours, maximum of 9 credit hours.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Graduate

**Schedule types:** Lecture

**Department/School:** English

**ENGL 5693 Research Writing for International Graduate Students**

**Description:** Analysis and practice in the grammar and rhetorical structures specific to writing research papers in the disciplines.

Previously offered as ENGL 4893.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Graduate

**Schedule types:** Lecture

**Department/School:** English

**ENGL 5720 Seminar in Creative Nonfiction**

**Prerequisites:** Admission to MFA or PhD in Creative Writing or consent of instructor.

**Description:** Writing creative nonfiction at the professional level. Offered for fixed credit, 3 credit hours, maximum of 9 credit hours.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Graduate

**Schedule types:** Lecture

**Department/School:** English

**ENGL 5730 Seminar in Fiction Writing**

**Prerequisites:** Admission to MFA or PhD in Creative Writing or consent of instructor.

**Description:** Writing fiction at the professional level. May not be used for degree credit with ENGL 4630. Offered for fixed credit, 3 credit hours, maximum of 9 credit hours.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Graduate

**Schedule types:** Lecture

**Department/School:** English

**ENGL 5740 Seminar in Poetry Writing**

**Prerequisites:** Admission to MFA or PhD in Creative Writing or consent of instructor.

**Description:** Writing poetry at the professional level. May not be used for degree credit with ENGL 4640. Offered for fixed credit, 3 credit hours, maximum of 9 credit hours.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Graduate

**Schedule types:** Lecture

**Department/School:** English

**ENGL 5760 Craft and Forms of Prose**

**Prerequisites:** Admission to MFA or PhD in Creative Writing or consent of instructor.

**Description:** Theory and practice of the prose forms. Previously offered as ENGL 5763. Offered for fixed credit, 3 credit hours, maximum of 9 credit hours.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Graduate

**Schedule types:** Lecture

**Department/School:** English

**ENGL 5780 Craft and Forms of Poetry**

**Prerequisites:** Admission to MFA or PhD in Creative Writing or consent of instructor.

**Description:** Theory and practice of the poetic forms. Previously offered as ENGL 5723. Offered for fixed credit, 3 credit hours, maximum of 9 credit hours.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Graduate

**Schedule types:** Lecture

**Department/School:** English

**ENGL 5990 Special Problems**

**Description:** Topical study in various disciplines taught by faculty from the undergraduate colleges for juniors and seniors. May not be used for degree credit with ENGL 4520. Offered for variable credit, 1-3 credit hours, maximum of 6 credit hours.

**Credit hours:** 1-3

**Contact hours:** Contact: 1-3 Other: 1-3

**Levels:** Graduate

**Schedule types:** Independent Study

**Department/School:** English

**ENGL 6000 Doctoral Dissertation**

**Description:** Doctoral dissertation. Offered for variable credit, 1-9 credit hours, maximum of 30 credit hours.

**Credit hours:** 1-9

**Contact hours:** Contact: 1-9 Other: 1-9

**Levels:** Graduate

**Schedule types:** Independent Study

**Department/School:** English

**ENGL 6130 Studies in Fiction Writing**

**Prerequisites:** Admission to MFA or PhD in Creative Writing or consent of instructor.

**Description:** Individual projects in fiction. May not be used for degree credit with ENGL 4630. Offered for fixed credit, 3 credit hours, maximum of 9 credit hours.

**Credit hours:** 3

**Contact hours:** Contact: 3 Other: 3

**Levels:** Graduate

**Schedule types:** Independent Study

**Department/School:** English

**ENGL 6140 Studies in Poetry Writing**

**Prerequisites:** Admission to MFA or PhD in Creative Writing or consent of instructor.

**Description:** Individual projects in poetry. May not be used for degree credit with ENGL 4640. Offered for fixed credit, 3 credit hours, maximum of 9 credit hours.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Graduate

**Schedule types:** Lecture

**Department/School:** English

**ENGL 6160 Studies in Creative Nonfiction**

**Prerequisites:** Admission to MFA or PhD in Creative Writing or consent of instructor.

**Description:** Individual projects in creative nonfiction. May not be used for degree credit with ENGL 4620. Offered for fixed credit, 3 credit hours, maximum of 9 credit hours.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Graduate

**Schedule types:** Lecture

**Department/School:** English

**ENGL 6210 Seminar or Directed Study**

**Description:** Specialized readings or independent studies. Offered for variable credit, 1-6 credit hours, maximum of 9 credit hours.

**Credit hours:** 1-6

**Contact hours:** Contact: 1-6 Other: 1-6

**Levels:** Graduate

**Schedule types:** Independent Study

**Department/School:** English

**ENGL 6220 Seminar in Genre**

**Description:** The development, traditions, concerns or characteristics of genre in selected texts. Major genres and subgenres considered. Offered for fixed credit, 3 credit hours, maximum of 9 credit hours.

**Credit hours:** 3

**Contact hours:** Contact: 3 Other: 3

**Levels:** Graduate

**Schedule types:** Independent Study

**Department/School:** English

**ENGL 6240 Studies in Literature**

**Description:** Advanced topics in literature and literary research. Offered for fixed credit, 3 credit hours, maximum of 9 credit hours.

**Credit hours:** 3

**Contact hours:** Contact: 3 Other: 3

**Levels:** Graduate

**Schedule types:** Independent Study

**Department/School:** English

**ENGL 6250 Seminar in Race and Ethnicity**

**Description:** Study of the complex representation of race and ethnicity in literature. Offered for fixed credit, 3 credit hours, maximum of 9 credit hours.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Graduate

**Schedule types:** Lecture

**Department/School:** English

**ENGL 6260 Studies in Literary Criticism**

**Description:** Selected work in literary criticism, for example ancient and neo-classical, 19th century, 20th century. Offered for fixed credit, 3 credit hours, maximum of 9 credit hours.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Graduate

**Schedule types:** Lecture

**Department/School:** English

**ENGL 6270 Seminar in Region**

**Description:** Study of regional literature or language variation. Offered for fixed credit, 3 credit hours, maximum of 9 credit hours.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Graduate

**Schedule types:** Lecture

**Department/School:** English

**ENGL 6280 Seminar in Gender**

**Description:** Examination of gender as an analytical category in the study of literature, discourse and society. Offered for fixed credit, 3 credit hours, maximum of 9 credit hours.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Graduate

**Schedule types:** Lecture

**Department/School:** English

**ENGL 6350 Topics in Rhetorical Theory**

**Description:** Study of advanced topics in rhetorical theory and research, focusing on an important scholar in the field, a specific theme, or some combination of the two. Previously offered as ENGL 6353. Offered for fixed credit, 3 credit hours, maximum of 9 credit hours.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Graduate

**Schedule types:** Lecture

**Department/School:** English

**ENGL 6360 Seminar in Film and Society**

**Description:** Social conduct and value systems as they affect the role of media in culture. Previously offered as ENGL 6253. Offered for fixed credit, 3 credit hours, maximum of 12 credit hours.

**Credit hours:** 3

**Contact hours:** Lecture: 2 Lab: 2 Contact: 4

**Levels:** Graduate

**Schedule types:** Lab, Lecture, Combined lecture and lab

**Department/School:** English

**Additional Fees:** English Film, Video fee of \$10 applies.

**ENGL 6410 Topics in Linguistics**

**Prerequisites:** ENGL 5143.

**Description:** Study of advanced topics in linguistic theory and research. May not be used for degree credit with ENGL 4080. Offered for fixed credit, 3 credit hours, maximum of 9 credit hours.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Graduate

**Schedule types:** Lecture

**Department/School:** English

**ENGL 6420 Topics in Second Language Acquisition**

**Prerequisites:** ENGL 5243.

**Description:** Study of topics in second language theory and research. Offered for fixed credit, 3 credit hours, maximum of 9 credit hours.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Graduate

**Schedule types:** Lecture

**Department/School:** English

**ENGL 6500 Topics in Professional Writing**

**Description:** In-depth study of selected topics in professional writing. Offered for fixed credit, 3 credit hours, maximum of 9 credit hours.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Graduate

**Schedule types:** Lecture

**Department/School:** English

## Undergraduate Programs

- English, BA (p. 1143)
- English: Creative Writing, BA (p. 1146)
- English: Pre-Law, BA (p. 1149)
- English: Professional Writing, BA (p. 1152)
- English: Screen Studies, BA (p. 1155)

## Graduate Programs

The Department of English offers programs leading to the Master of Arts, Master of Fine Arts and the Doctor of Philosophy. Master's students may choose among four programs: Master of Arts in English; Master of Arts in professional writing; and Master of Arts in teaching English as a second language (TESL); and the Master of Fine Arts in Creative Writing. In consultation with their advisory committees, both master's and doctoral students have considerable flexibility in designing a degree that meets their own interests and professional goals. Students may take courses in creative writing, screen studies, professional writing, composition and rhetoric, TESL, linguistics, literary theory, and all periods of British and American literature. The diversity of choices and the flexibility of the program prepare students to meet the demands of a changing academic marketplace.

## Admission Requirements

Students seeking admission to the graduate program in English must be accepted by the Graduate College and by the departmental admission committee. In addition to the application and transcripts required by the Graduate College, students must submit to the Department of English graduate coordinator a statement of purpose; letters of recommendation; and a writing sample or the Graduate Record Examination general and subject area scores. Non-native speakers of English must submit scores on all subtests of the TOEFL iBT or IELTS. For fall admission, the early decision deadline is January 15; the final deadline is March 1. The deadline for spring admission is October 15. Prerequisites are listed under each degree below.

## Teaching Opportunities

Depending on their levels of experience and areas of emphasis, graduate teaching assistants may tutor in the Writing Center, serve as discussion leaders for selected large lecture classes, or teach their own sections of freshman composition, composition for international students, technical writing, creative writing, screen studies or literature. All teaching assistants are required to take an appropriate pedagogy course during their first year of teaching.

## The Master of Arts Degree

The MA in English allows students to develop expertise in a variety of areas: literature written in English, creative writing, literary theory and criticism, screen studies, composition and rhetoric, professional writing, linguistics and TESL. In consultation with their advisory committees,

students devise an individualized curriculum that reflects their own intellectual interests and prepares them to enter a doctoral program or to teach at the college level. The degree programs in TESL and professional writing prepare teachers for the bilingual classroom and professional writers for industry.

Prerequisites include a baccalaureate degree with an English major, or at least 24 hours in English (excluding freshman composition). Successful applicants usually have a minimum grade-point average of 3.00 on a 4.00 scale, particularly in English courses.

The MA in English consists of 30 credit hours, including six hours of thesis. In addition to these hours, students must demonstrate reading knowledge of a foreign language, pass the MA qualifying examination, and pass an oral defense of the thesis. The thesis is a work of original research prepared with the guidance of the student's advisory committee. Creative writing students may present as their theses original works in poetry or prose fiction. The programs in professional writing and TESL have separate degree requirements described below.

## Professional Writing

The MA option in professional writing consists of 30 credit hours (with thesis) or 33 credit hours (without thesis). In addition to these hours, students must fulfill the foreign language requirement and pass the MA qualifying examination in technical writing. Prerequisites are the same as those above.

## TESL

The MA option in teaching English as a second language is designed to provide students with the skills necessary to teach English to non-native speakers in a variety of situations, e.g., teaching English as a foreign language in an overseas school, college or university; teaching English as a second language to international students studying in intensive English programs in the U.S.; or teaching English to bilingual and bicultural students in American public school systems and adult education programs.

Prerequisites are the same as those above except that the major may be either in English or in a field related to second language acquisition or teaching. In addition, applicants to the TESL program must have six hours in a foreign language with a grade of "B" or better, or must complete this requirement prior to taking the qualifying examination.

The TESL program consists of 30 credit hours (thesis option) or 34 credit hours (non-thesis option). In addition to these hours, students must pass the MA qualifying examinations in TESL.

TESL is especially relevant to the public school classroom as a result of recent legislation concerning bilingual education. Teachers in English and other areas of expertise will find this program especially useful. The Oklahoma State Board of Education recently approved an "optional certification" for English as a Second Language. Already certified teachers can obtain this certification upon passing the required standardized examination. Several of the courses offered for the TESL option can prepare students for this examination, although the MA/TESL option degree does not confer certification.

## Certificate in TESOL (Teaching English to Speakers of Other Languages)

The Certificate in TESOL is a program designed to provide students with the skills important for teaching English to non-native speakers in a



variety of situations, including teaching English to bilingual/bicultural, English Language Learner (ELL) and Limited English Proficient (LEP) students in public school systems and adult education programs, teaching English as a Second Language to international students studying in English programs in the U.S., and teaching English as a Foreign Language in an overseas school, college or university. The program consists of 12 credit hours, with three required courses and one elective course chosen from a group of courses offered by the Department of English.

Admission to the Certificate Program in TESOL requires a Bachelor of Arts or Bachelor of Science degree from an accredited institution of higher learning, a 3.0 GPA, two letters of recommendation, and, for non-native English speakers, appropriate scores on either the TOEFL iBT or IELTS.

## The Master of Fine Arts Degree

The MFA in Creative Writing allows students to focus on developing their abilities as poets and/or fiction writers, through a course of study emphasizing creative writing workshops, literature seminars, and electives in either of those areas or other areas in language and culture. In consultation with their advisory committees, students devise an individualized curriculum that reflects their own artistic and intellectual interests and prepares them to publish their artistic writing, enter a PhD program or teach at the college level.

The MFA in Creative Writing consists of 42 credit hours, including 12 hours of thesis. In addition to these hours, students must present their creative work at a public reading following the completion of their thesis.

Prerequisites include a baccalaureate degree with an English major, or at least 12 hours in English (excluding freshman composition) and writing sample of high quality. Successful applicants usually have a minimum grade-point average of 3.00 on a 4.00 scale, particularly in English courses.

## The Doctor of Philosophy Degree

The Department of English grants one doctoral degree, the PhD in English. Students may, however, emphasize in their courses, their exams, and their dissertations a variety of areas: all periods of British and American literature, Native American literature and language, creative writing, literary theory and criticism, screen studies, rhetoric and professional writing, linguistics and TESL. They may also choose an interdisciplinary emphasis. In consultation with their advisory committees, students devise an individualized curriculum that reflects their own intellectual interests and professional goals.

Prerequisites include a master's degree in English or a field related to the student's area of emphasis. Successful applicants usually have a minimum grade-point average of 3.50 on a 4.00 scale in their master's degrees. All PhD students are admitted provisionally and must take the first-year examination during their second semester of enrollment.

The PhD degree consists of 60 credit hours beyond the master's degree. Fifteen to 20 of these hours are devoted to the dissertation. In addition to these hours, students must take a first-year examination; demonstrate reading knowledge of two foreign languages or mastery of one language; pass the PhD qualifying examination in two areas; and pass an oral defense of the dissertation. The dissertation is a work of original research prepared under the direction of the dissertation committee. Creative

Writing students may present as their dissertations original works in poetry or prose fiction.

Additional information and requirements may be found in the English Graduate Guidelines, which may be consulted online at [english.okstate.edu](http://english.okstate.edu) (<http://english.okstate.edu>).

## Certificates

- Teaching English to Speakers of Other Languages, Undergraduate Certificate (p. 1161)

## Minors

- Creative Writing (CRWR), Minor (p. 1141)
- English (ENGL), Minor (p. 1142)
- Linguistics (LING), Minor (p. 1158)
- Professional Writing (PRWR), Minor (p. 1159)
- Screen Studies (SCST), Minor (p. 1160)

## Faculty

Jeff Menne, PhD—Professor and Head

**Regents Professors:** William Decker, PhD; Elizabeth Grubgeld, PhD; Edward Jones, PhD; Timothy Murphy, PhD (Houston-Truax-Wentz Professor)

**Professors:** An Cheng, PhD; Richard Frohock, PhD; Lisa Lewis, PhD; Carol Moder, PhD; Aimee Parkison, MFA; Stacy Takacs, PhD

**Associate Professors:** Nancy Caplow, PhD; Joshua Daniel, PhD; Katherine Hallemeier, Janine Joseph, PhD; Lynn Lewis, PhD; Stephanie Link, PhD; Lindsey Claire Smith, PhD; Graig Uhlin, PhD

**Assistant Professors:** Michael Amory, PhD; Andrew Belton, PhD; Sarah Beth Childers, MFA; Cailey Hall, PhD; Lisa Hollenbach, PhD; Alyssa Hunziker, PhD; Shelby Johnson, PhD; Stephanie Jones, PhD; Anna Sicari, PhD; Chelsea Silva, PhD; Lindsay Wilhelm, PhD



## Creative Writing (CRWR), Minor

**Requirements for Students Matriculating in or before Academic Year 2022-2023.** Learn more about University Academic Regulation 3.1 (p. 943).

**Minimum grade and/or GPA for minor courses:** 3.0

**Total Hours:** 15

Code	Title	Hours
<b>Course Requirements</b>		
ENGL 2513	Introduction to Creative Writing (H)	3
Select 12 hours upper-division from the following:		12
ENGL 3030	Fiction Writing	
ENGL 3040	Poetry Writing	
ENGL 3060	Creative Nonfiction Writing	
ENGL 4630	Advanced Fiction Writing	
ENGL 4640	Advanced Poetry Writing	
ENGL 4620	Advanced Creative Nonfiction Writing	
<b>Total Hours</b>		<b>15</b>

## Additional OSU Requirements

### Undergraduate Minors

- An undergraduate minor must include between fifteen and thirty hours, inclusive of undergraduate coursework.
- A minimum of six credit hours for the minor must be earned in residence at OSU.
- The courses required for a minor may be included in the course requirements for any undergraduate degree or they may be in addition to degree requirements, depending on the overlap between the minor and degree requirements. However, an undergraduate minor must be earned in an academic field other than the student's declared degree option. The minor may not duplicate the degree major or option (for example, a student who earns a BA in Art with an Art History option may earn a minor in Studio Art but not Art History).
- A student generally follows the minor requirements associated with his or her matriculation year or newer requirements that have been established since matriculation. The time limit for following requirements from a given academic year is six years.

For additional information on requirements on minors, click here (<https://adminfinance.okstate.edu/site-files/documents/policies/requirements-for-undergraduate-and-graduate-minors.pdf>).

## English (ENGL), Minor

**Requirements for Students Matriculating in or before Academic Year 2022-2023.** Learn more about University Academic Regulation 3.1 (p. 943).

Clarissa Bonner, 209 MOR, 405-744-6146

**Minimum Grade Point Average in Minor Coursework:** 3.00 with no grade below "C."

**Total Hours:** 18

Code	Title	Hours
<b>Minor Requirements</b>		
18 hours ENGL, at least 9 of which must be upper-division <sup>1</sup>		18

1

Exclusive of Freshman Composition

Choose from ENGL (p. 1124) courses.

## Requirements

- A minimum of 9 hours must be taken at OSU.

## Additional OSU Requirements

### Undergraduate Minors

- An undergraduate minor must include between fifteen and thirty hours, inclusive of undergraduate coursework.
- A minimum of six credit hours for the minor must be earned in residence at OSU.
- The courses required for a minor may be included in the course requirements for any undergraduate degree or they may be in addition to degree requirements, depending on the overlap between the minor and degree requirements. However, an undergraduate minor must be earned in an academic field other than the student's declared degree option. The minor may not duplicate the degree major or option (for example, a student who earns a BA in Art with an Art History option may earn a minor in Studio Art but not Art History).
- A student generally follows the minor requirements associated with his or her matriculation year or newer requirements that have been established since matriculation. The time limit for following requirements from a given academic year is six years.

For additional information on requirements on minors, click here (<https://adminfinance.okstate.edu/site-files/documents/policies/requirements-for-undergraduate-and-graduate-minors.pdf>).

# English, BA

## Degree Requirements

**Requirements for Students Matriculating in or before Academic Year 2022-2023.** Learn more about University Academic Regulation 3.1 (p. 943).

**Minimum Overall Grade Point Average:** 2.00

**Total Hours:** 120

Code	Title	Hours
<b>General Education Requirements</b>		
<i>English Composition</i>		
See Academic Regulation 3.5 (p. 944)		
ENGL 1113	Composition I	3
or ENGL 1313	Critical Analysis and Writing I	
Select one of the following:		3
ENGL 1213	Composition II	
ENGL 1413	Critical Analysis and Writing II	
ENGL 3323	Technical Writing	
<i>American History &amp; Government</i>		
HIST 1103	Survey of American History	3
or HIST 1483	American History to 1865 (H)	
or HIST 1493	American History Since 1865 (DH)	
POLS 1113	American Government	3
<i>Analytical &amp; Quantitative Thought (A)</i>		
MATH or STAT course designated (A)		3
<i>Humanities (H)</i>		
Courses designated (H)		6
<i>Natural Sciences (N)</i>		
Must include one Laboratory Science (L) course		
Course designated (N)		6
<i>Social &amp; Behavioral Sciences (S)</i>		
Course designated (S)		3
<i>Additional General Education</i>		
Courses designated (A), (H), (N), or (S)		10
<b>Hours Subtotal</b>		<b>40</b>
<b>Diversity (D) &amp; International Dimension (I)</b>		
May be completed in any part of the degree plan		
Select at least one Diversity (D) course		
Select at least one International Dimension (I) course		
<b>College/Departmental Requirements</b>		
<i>First Year Seminar</i>		
(Transfer students with 15 hours exempt)		1
<i>Arts &amp; Humanities</i>		
ENGL 2543	Survey of British Literature I (H)	3
ENGL 2773	Survey of American Literature I (H)	3
Select 3 additional non-English hours		3
<i>Natural &amp; Mathematical Sciences</i>		
See note 2.b.		
		3
<i>Foreign Language</i>		
See note 3		
		9
<i>Non-Western Studies</i>		

Select at least one course

See note 2.d.

*Upper-Division General Education*

Select 6 hours outside major department

See note 2.c.

**Hours Subtotal** **22**

**Major Requirements**

Select 6 hours of the following: **6**

ENGL 2653 Survey of British Literature II (H)

ENGL 2883 Survey of American Literature II (DH)

ENGL 2963 Survey of Postcolonial and Indigenous Literatures (HI)

*33 hours ENGL (30 hours must be upper-division):*

Minimum of 12 hours at 4000-level

ENGL 3243 Literary Theory and Criticism **3**

ENGL 3343 Reading Poetry **3**

3 hours Genre Studies:

ENGL 3333 Short Story (H) **3**

or ENGL 3363 Readings in Drama (H)

or ENGL 3373 Readings in Nonfiction

or ENGL 3383 Readings in Narrative

or ENGL 3410 Popular Fiction

3 hours Cultural Studies:

ENGL 3153 Readings in Literature by Women (DH) **3**

or ENGL 3170 Readings in Literature and Other Disciplines

or ENGL 3183 Native American Literature (DH)

or ENGL 3133 Readings in Multi-Ethnic American Literature

or ENGL 3143 Readings in Postcolonial Literature (HI)

or ENGL 3193 African-American Literature (DH)

or ENGL 3813 Readings in the American Experience (DH)

or ENGL 3473 Race, Gender, and Ethnicity in American Film (D)

or ENGL 3503 Television and American Society (DH)

or ENGL 4230 Literature of Diversity (DH)

or ENGL 4263 Moving Image Aesthetics (H)

or ENGL 4333 Studies in Native American Literature

or ENGL 4340 Studies in Postcolonial and Multi-ethnic Literature

or ENGL 4450 Culture and the Moving Image

3 hours Literature before 1800:

ENGL 3123 Mythology (H) **3**

or ENGL 3163 Literatures of the Ancient World (H)

or ENGL 3933 Shakespeare (H)

or ENGL 4100 Studies in Medieval British Literature

or ENGL 4110 Studies in 16th Century British Literature

or ENGL 4120 Studies in 17th Century British Literature

or ENGL 4130 Studies in 18th Century British Literature

or ENGL 4200 Studies in Early American Literature

or ENGL 4223 Introduction to Old English

or ENGL 4600 Studies in Chaucer or Milton

or ENGL 4700 Single Author or Work Pre-1800

or ENGL 4723 Studies in Shakespeare (H)

3 hours Literature after 1800:

ENGL 4160 Studies in 19th Century British Literature **3**

or ENGL 4170	Studies in 20th Century British Literature	
or ENGL 4210	Studies in 19th Century American Literature	
or ENGL 4220	Studies in 20th Century American Literature	
or ENGL 4300	Studies in Romanticism	
or ENGL 4310	Studies in Modernism	
or ENGL 4710	Single Author or Work Post-1800	

3 hours Writing:

ENGL 3203	Advanced Composition	3
or ENGL 3223	Professional Writing Theory	
or ENGL 4530	Studies in Professional Writing	
or ENGL 4543	Style and Editing	
or ENGL 4553	Visual Rhetoric and Design	
or ENGL 3030	Fiction Writing	
or ENGL 3040	Poetry Writing	
or ENGL 3060	Creative Nonfiction Writing	

3 hours Language/Linguistics:

ENGL 3200	Special Problems in Language and Literature	3
or ENGL 4003	History of the English Language	
or ENGL 4013	English Grammar	
or ENGL 4043	Teaching English to Speakers of Other Languages	
or ENGL 4063	Introduction to Descriptive Linguistics	
or ENGL 4073	Introduction to Sociolinguistics	
or ENGL 4080	Studies in Linguistics	
or ENGL 4083	Applied Linguistics	
or ENGL 4093	Language in America (DS)	

English electives:

Select 9 hours of additional ENGL electives (6 hours must be upper-division)	9
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Select 15 hours of non-ENGL upper-division courses	15
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<b>Hours Subtotal</b>	<b>54</b>
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**Electives**

Select 4 hours	4
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May need to include 6 hours upper-division general education outside major department (see note 2.c.)

<b>Hours Subtotal</b>	<b>4</b>
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<b>Total Hours</b>	<b>120</b>
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## Other Requirements

- See the College of Arts and Sciences Requirements.
- Minimum GPA 3.00 in all ENGL courses and a minimum grade of "C" in each ENGL course (excluding English Composition and free electives).
- **Upper-Division Credit:** Total hours must include at least 40 hours in courses numbered 3000 or above.
- **Hours in One Department:** For B.A. and B.S. degrees, no more than 54 hours in one department may be applied to degree requirements.

## College of Arts and Sciences Requirements

### 1. General Education Requirements

No more than two courses (or eight hours) from the major department (<http://catalog.okstate.edu/college-arts-sciences-major->

departments/) may be used to meet General Education and College and Departmental Requirements. The General Education required English Composition, required U.S. History, required American Government, one required MATH or STAT course, and required foreign language for B.A. degrees do not count against the two-course maximum.

### 2. A&S College/Departmental Requirements

- Arts and Humanities are defined as any course carrying an (H) designation or courses from AMST, ART, DANC, ENGL (except ENGL 3323 Technical Writing) HIST, MUSI, PHIL (except PHIL 1313 Logic and Critical Thinking (A), PHIL 3003 Symbolic Logic (A) and PHIL 4003 Mathematical Logic and Computability), REL, TH, and foreign languages.
- Natural and Mathematical Sciences are defined as any course from the following prefixes: ASTR, BIOC, BIOL, CHEM, CS (except CS 4883 Social Issues in Computing), GEOL, MATH, MICR, PBIO, PHYS, and STAT; or courses from other departments that carry an (A) or (N) general education designation.
- The required six hours of upper-division General Education may not include courses from the student's major department. This requirement may be satisfied by courses also used to satisfy any part of a student's degree program (i.e., in General Education, College Departmental Requirements, Major Requirements or Electives).
- Non-Western Studies Requirement for B.A. and B.F.A.; One 3-hour course in Non-Western Studies (N.W.). This requirement may be satisfied by courses also used to satisfy any part of a student's degree program (i.e., in General Education, College Departmental Requirements, Major Requirements or Electives).
- The College of Arts & Sciences requires a minimum 2.0 GPA in all major requirements and a minimum 2.0 GPA in all major-prefix courses applied to the degree.

### 3. Foreign Language Proficiency

- The foreign language requirement for the B.A. may be satisfied by 9 hours college credit in the same language, which must include 3 hours at the 2000-level, or equivalent proficiency (e.g., passing an advanced standing examination; TOEFL exam; presenting a high school transcript which demonstrates the high school was primarily conducted in a language other than English; etc.). Computer Science courses may not be used to satisfy this requirement. Currently Arabic and Mvskoke are not offered at the 2000-level at OSU.
- The foreign language requirement for the B.S., B.M. and B.F.A. may be satisfied by presenting a high school transcript which demonstrates two years of study of a single foreign language (passing grades at second-year level of study). It may also be satisfied by 6 hours college credit in the same language, which must include language courses 1713 and 1813, or equivalent proficiency (e.g., passing an advanced standing examination; TOEFL exam; presenting a high school transcript which demonstrates the high school was primarily conducted in a language other than English; etc.). Computer Science courses may not be used to satisfy this requirement.
- In addition to a. and b., students pursuing teacher certification must meet novice-high foreign language proficiency by presenting a high school transcript which demonstrates two years of study of a single foreign language with no grade below B. Or, students may complete 3 hours college credit in a single language with no grade below C (or pass an advanced standing examination, College Level Examination Program (CLEP) exam,

or Oral Proficiency Interview developed by the American Council on the Teaching of Foreign Languages, equivalent to 3 hours of college credit.) Or, students may meet the requirement by transfer of documentation of meeting the foreign language competency from one of the teacher education programs in the State of Oklahoma approved by the Oklahoma State Regents for Higher Education.

#### 4. Exclusions

- Courses used to satisfy the General Education English Composition, U.S. History, American Government, and Mathematics or Statistics requirements will not count toward the 54-hour maximum allowed from one department.
- Courses with ATHL or LEIS prefixes and leisure activity courses may not be used for degree credit.

## Additional State/OSU Requirements

- At least: 60 hours at a four-year institution; 30 hours completed at OSU; 15 of the final 30 or 50% of the upper-division hours in the major field completed at OSU.
- Limit of: one-half of major course requirements as transfer work; one-fourth of hours earned by correspondence; 8 transfer correspondence hours.
- Students will be held responsible for degree requirements in effect at the time of matriculation and any changes that are made, so long as these changes do not result in semester credit hours being added or do not delay graduation.
- Degrees that follow this plan must be completed by the end of Summer 2028.

## Example Plan of Study

### Finish in Four Plan of Study

The plan below is an example of how students can successfully complete degree requirements in four years. This suggested class schedule plan may be used as a guide and can be adjusted based on individual needs. Students are required to meet with an academic advisor prior to enrollment each semester to plan their class schedule, and students are ultimately responsible for completing all degree requirements.

Course	Title	Hours
<b>Freshman</b>		
<b>Fall</b>		
ENGL 1113 or ENGL 1313	Composition I or Critical Analysis and Writing I	3
ENGL 2543 or ENGL 2653 or ENGL 2773 or ENGL 2883 or ENGL 2963	Survey of British Literature I (H) or Survey of British Literature II (H) or Survey of American Literature I (H) or Survey of American Literature II (DH) or Survey of Postcolonial and Indigenous Literatures (HI)	3
General Education courses		10
<b>Hours</b>		<b>16</b>
<b>Spring</b>		
ENGL 1213 or ENGL 1413	Composition II or Critical Analysis and Writing II	3
ENGL 2653 or ENGL 2543 or ENGL 2773 or ENGL 2883 or ENGL 2963	Survey of British Literature II (H) or Survey of British Literature I (H) or Survey of American Literature I (H) or Survey of American Literature II (DH) or Survey of Postcolonial and Indigenous Literatures (HI)	3

General Education courses		8
<b>Hours</b>		<b>14</b>
<b>Sophomore</b>		
<b>Fall</b>		
ENGL 3243	Literary Theory and Criticism	3
1713 First Semester Foreign Language		3
General Education courses		9
<b>Hours</b>		<b>15</b>
<b>Spring</b>		
ENGL 3343	Reading Poetry	3
1813 Second Semester Foreign Language		3
General Education courses		9
<b>Hours</b>		<b>15</b>
<b>Junior</b>		
<b>Fall</b>		
2000-level Foreign Language		3
Major, College, and Elective courses		12
<b>Hours</b>		<b>15</b>
<b>Spring</b>		
Major, College, and Elective courses		15
<b>Hours</b>		<b>15</b>
<b>Senior</b>		
<b>Fall</b>		
Major, College, and Elective courses		15
<b>Hours</b>		<b>15</b>
<b>Spring</b>		
Major, College, and Elective courses		15
<b>Hours</b>		<b>15</b>
<b>Total Hours</b>		<b>120</b>

# English: Creative Writing, BA

## Degree Requirements

**Requirements for Students Matriculating in or before Academic Year 2022-2023.** Learn more about University Academic Regulation 3.1 (p. 943).

**Minimum Overall Grade Point Average:** 2.00

**Total Hours:** 120

Code	Title	Hours
<b>General Education Requirements</b>		
<i>English Composition</i>		
See Academic Regulation 3.5 (p. 944)		
ENGL 1113	Composition I	3
or ENGL 1313	Critical Analysis and Writing I	
Select one of the following:		3
ENGL 1213	Composition II	
ENGL 1413	Critical Analysis and Writing II	
ENGL 3323	Technical Writing	
<i>American History &amp; Government</i>		
HIST 1103	Survey of American History	3
or HIST 1483	American History to 1865 (H)	
or HIST 1493	American History Since 1865 (DH)	
POLS 1113	American Government	3
<i>Analytical &amp; Quantitative Thought (A)</i>		
MATH or STAT course designated (A)		3
<i>Humanities (H)</i>		
Courses designated (H)		6
<i>Natural Sciences (N)</i>		
Must include one Laboratory Science (L) course		
Course designated (N)		6
<i>Social &amp; Behavioral Sciences (S)</i>		
Course designated (S)		3
<i>Additional General Education</i>		
Courses designated (A), (H), (N), or (S)		10
<b>Hours Subtotal</b>		<b>40</b>
<b>Diversity (D) &amp; International Dimension (I)</b>		
May be completed in any part of the degree plan		
Select at least one Diversity (D) course		
Select at least one International Dimension (I) course		
<b>College/Departmental Requirements</b>		
<i>First Year Seminar</i>		
(Transfer students with 15 hours exempt)		1
<i>Arts &amp; Humanities</i>		
ENGL 2513	Introduction to Creative Writing (H)	3
ENGL 2883	Survey of American Literature II (DH)	3
Select 3 additional non-English hours		3
See note 2.a.		
<i>Natural &amp; Mathematical Sciences</i>		
See note 2.b.		3
<i>Foreign Language</i>		
See note 3		9

### Non-Western Studies

Select at least one course

See note 2.d.

### Upper-Division General Education

Select 6 hours outside major department

See note 2.c.

**Hours Subtotal** **22**

### Major Requirements

Select 6 hours of the following: **6**

ENGL 2543	Survey of British Literature I (H)
ENGL 2653	Survey of British Literature II (H)
ENGL 2773	Survey of American Literature I (H)
ENGL 2963	Survey of Postcolonial and Indigenous Literatures (HI)

33 hours ENGL (30 hours must be upper-division):

Minimum of 12 hours at 4000-level

ENGL 3343 Reading Poetry **3**

3 hours Genre Studies:

ENGL 3333	Short Story (H)	3
or ENGL 3363	Readings in Drama (H)	
or ENGL 3373	Readings in Nonfiction	
or ENGL 3383	Readings in Narrative	
or ENGL 3410	Popular Fiction	

3 hours Cultural Studies:

ENGL 3153	Readings in Literature by Women (DH)	3
or ENGL 3170	Readings in Literature and Other Disciplines	
or ENGL 3183	Native American Literature (DH)	
or ENGL 3133	Readings in Multi-Ethnic American Literature	
or ENGL 3143	Readings in Postcolonial Literature (HI)	
or ENGL 3193	African-American Literature (DH)	
or ENGL 3473	Race, Gender, and Ethnicity in American Film (D)	
or ENGL 3503	Television and American Society (DH)	
or ENGL 3813	Readings in the American Experience (DH)	
or ENGL 4093	Language in America (DS)	
or ENGL 4263	Moving Image Aesthetics (H)	
or ENGL 4230	Literature of Diversity (DH)	
or ENGL 4333	Studies in Native American Literature	
or ENGL 4340	Studies in Postcolonial and Multi-ethnic Literature	
or ENGL 4450	Culture and the Moving Image	

15 hours Creative Writing:

Select 15 hours from the following: **15**

ENGL 3030	Fiction Writing (3 hours)
ENGL 3040	Poetry Writing (3 hours)
ENGL 3060	Creative Nonfiction Writing (3 hours)
ENGL 4620	Advanced Creative Nonfiction Writing (3 hours)
ENGL 4630	Advanced Fiction Writing (3 hours)
ENGL 4640	Advanced Poetry Writing (3 hours)

English electives:

Select 9 hours additional ENGL Electives (6 hours must be 4000-level) **9**

Select 15 non-ENGL upper-division courses **15**



<b>Hours Subtotal</b>	<b>54</b>
<b>Electives</b>	
Select 4 hours	4
May need to include 6 hours upper-division general education outside major department (see note 2.c.)	
<b>Hours Subtotal</b>	<b>4</b>
<b>Total Hours</b>	<b>120</b>

## Other Requirements

- See the College of Arts and Sciences Requirements.
- Minimum GPA 3.00 in all ENGL courses and a minimum grade of “C” in each ENGL course (excluding English Composition and free electives).
- **Upper-Division Credit:** Total hours must include at least 40 hours in courses numbered 3000 or above.
- **Hours in One Department:** For B.A. and B.S. degrees, no more than 54 hours in one department may be applied to degree requirements.

## College of Arts and Sciences Requirements

### 1. General Education Requirements

No more than two courses (or eight hours) from the major department (<http://catalog.okstate.edu/college-arts-sciences-major-departments/>) may be used to meet General Education and College and Departmental Requirements. The General Education required English Composition, required U.S. History, required American Government, one required MATH or STAT course, and required foreign language for B.A. degrees do not count against the two-course maximum.

### 2. A&S College/Departmental Requirements

- Arts and Humanities are defined as any course carrying an (H) designation or courses from AMST, ART, DANC, ENGL (except ENGL 3323 Technical Writing) HIST, MUSI, PHIL (except PHIL 1313 Logic and Critical Thinking (A), PHIL 3003 Symbolic Logic (A) and PHIL 4003 Mathematical Logic and Computability), REL, TH, and foreign languages.
- Natural and Mathematical Sciences are defined as any course from the following prefixes: ASTR, BIOC, BIOL, CHEM, CS (except CS 4883 Social Issues in Computing), GEOL, MATH, MICR, PBIO, PHYS, and STAT; or courses from other departments that carry an (A) or (N) general education designation.
- The required six hours of upper-division General Education may not include courses from the student’s major department. This requirement may be satisfied by courses also used to satisfy any part of a student’s degree program (i.e., in General Education, College Departmental Requirements, Major Requirements or Electives).
- Non-Western Studies Requirement for B.A. and B.F.A.; One 3-hour course in Non-Western Studies (N.W.). This requirement may be satisfied by courses also used to satisfy any part of a student’s degree program (i.e., in General Education, College Departmental Requirements, Major Requirements or Electives).
- The College of Arts & Sciences requires a minimum 2.0 GPA in all major requirements and a minimum 2.0 GPA in all major-prefix courses applied to the degree.

### 3. Foreign Language Proficiency

- The foreign language requirement for the B.A. may be satisfied by 9 hours college credit in the same language, which must include 3 hours at the 2000-level, or equivalent proficiency (e.g., passing an advanced standing examination; TOEFL exam; presenting a high school transcript which demonstrates the high school was primarily conducted in a language other than English; etc.). Computer Science courses may not be used to satisfy this requirement. Currently Arabic and Mvskoke are not offered at the 2000-level at OSU.
- The foreign language requirement for the B.S., B.M. and B.F.A. may be satisfied by presenting a high school transcript which demonstrates two years of study of a single foreign language (passing grades at second-year level of study). It may also be satisfied by 6 hours college credit in the same language, which must include language courses 1713 and 1813, or equivalent proficiency (e.g., passing an advanced standing examination; TOEFL exam; presenting a high school transcript which demonstrates the high school was primarily conducted in a language other than English; etc.). Computer Science courses may not be used to satisfy this requirement.
- In addition to a. and b., students pursuing teacher certification must meet novice-high foreign language proficiency by presenting a high school transcript which demonstrates two years of study of a single foreign language with no grade below B. Or, students may complete 3 hours college credit in a single language with no grade below C (or pass an advanced standing examination, College Level Examination Program (CLEP) exam, or Oral Proficiency Interview developed by the American Council on the Teaching of Foreign Languages, equivalent to 3 hours of college credit.) Or, students may meet the requirement by transfer of documentation of meeting the foreign language competency from one of the teacher education programs in the State of Oklahoma approved by the Oklahoma State Regents for Higher Education.

### 4. Exclusions

- Courses used to satisfy the General Education English Composition, U.S. History, American Government, and Mathematics or Statistics requirements will not count toward the 54-hour maximum allowed from one department.
- Courses with ATHL or LEIS prefixes and leisure activity courses may not be used for degree credit.

## Additional State/OSU Requirements

- At least: 60 hours at a four-year institution; 30 hours completed at OSU; 15 of the final 30 or 50% of the upper-division hours in the major field completed at OSU.
- Limit of: one-half of major course requirements as transfer work; one-fourth of hours earned by correspondence; 8 transfer correspondence hours.
- Students will be held responsible for degree requirements in effect at the time of matriculation and any changes that are made, so long as these changes do not result in semester credit hours being added or do not delay graduation.
- Degrees that follow this plan must be completed by the end of Summer 2028.

## Example Plan of Study

### Finish in Four Plan of Study

The plan below is an **example** of how students can successfully complete degree requirements in four years. This suggested class schedule plan may be used as a guide and can be adjusted based on individual needs. Students are required to meet with an academic advisor prior to enrollment each semester to plan their class schedule, and students are ultimately responsible for completing all degree requirements.

Course	Title	Hours
<b>Freshman</b>		
<b>Fall</b>		
ENGL 1113 or ENGL 1313	Composition I or Critical Analysis and Writing I	3
ENGL 2513	Introduction to Creative Writing (H)	3
General Education courses		10
<b>Hours</b>		<b>16</b>
<b>Spring</b>		
ENGL 1213 or ENGL 1413	Composition II or Critical Analysis and Writing II	3
ENGL 2883 or ENGL 2773 or ENGL 2543 or ENGL 2653 or ENGL 2963	Survey of American Literature II (DH) or Survey of American Literature I (H) or Survey of British Literature I (H) or Survey of British Literature II (H) or Survey of Postcolonial and Indigenous Literatures (HI)	3
General Education courses		8
<b>Hours</b>		<b>14</b>
<b>Sophomore</b>		
<b>Fall</b>		
1713	First Semester Foreign Language	3
General Education courses		12
<b>Hours</b>		<b>15</b>
<b>Spring</b>		
ENGL 3343	Reading Poetry	3
1813	Second Semester Foreign Language	3
General Education courses		9
<b>Hours</b>		<b>15</b>
<b>Junior</b>		
<b>Fall</b>		
2000-level	Foreign Language	3
Major, College, and Elective courses		12
<b>Hours</b>		<b>15</b>
<b>Spring</b>		
Major, College, and Elective courses		15
<b>Hours</b>		<b>15</b>
<b>Senior</b>		
<b>Fall</b>		
Major, College, and Elective courses		15
<b>Hours</b>		<b>15</b>
<b>Spring</b>		
Major, College, and Elective courses		15
<b>Hours</b>		<b>15</b>
<b>Total Hours</b>		<b>120</b>

## English: Pre-Law, BA

### Degree Requirements

**Requirements for Students Matriculating in or before Academic Year 2022-2023.** Learn more about University Academic Regulation 3.1 (p. 943).

**Minimum Overall Grade Point Average:** 2.00

**Total Hours:** 120

Code	Title	Hours
<b>General Education Requirements</b>		
<i>English Composition</i>		
See Academic Regulation 3.5 (p. 944)		
ENGL 1113	Composition I	3
or ENGL 1313	Critical Analysis and Writing I	
Select one of the following:		3
ENGL 1213	Composition II	
ENGL 1413	Critical Analysis and Writing II	
ENGL 3323	Technical Writing	
<i>American History &amp; Government</i>		
HIST 1103	Survey of American History	3
or HIST 1483	American History to 1865 (H)	
or HIST 1493	American History Since 1865 (DH)	
POLS 1113	American Government	3
<i>Analytical &amp; Quantitative Thought (A)</i>		
3 hours MATH or STAT designated (A)		3
<i>Humanities (H)</i>		
Courses designated (H)		6
<i>Natural Sciences (N)</i>		
Must include one Laboratory Science (L) course		
Courses designated (N)		6
<i>Social &amp; Behavioral Sciences (S)</i>		
Course designated (S)		3
<i>Additional General Education</i>		
Courses designated (A), (H), (N), or (S)		10
<b>Hours Subtotal</b>		<b>40</b>
<b>Diversity (D) &amp; International Dimension (I)</b>		
May be completed in any part of the degree plan		
Select at least one Diversity (D) course		
Select at least one International Dimension (I) course		
<b>College/Departmental Requirements</b>		
<i>First Year Seminar</i>		
(Transfer students with 15 hours exempt)		1
<i>Arts &amp; Humanities</i>		
ENGL 2543	Survey of British Literature I (H)	3
ENGL 2773	Survey of American Literature I (H)	3
Select 3 additional non-English hours		3
See note 2.a.		
<i>Natural &amp; Mathematical Sciences</i>		
See note 2.b.		3
<i>Foreign Language</i>		
See note 3		9

#### Non-Western Studies

See note 2.d.

#### Upper-Division General Education

Select 6 hours outside major department

See note 2.c.

**Hours Subtotal** **22**

#### Major Requirements

Select 3 hours of the following: **3**

ENGL 2653 Survey of British Literature II (H)

ENGL 2883 Survey of American Literature II (DH)

ENGL 2963 Survey of Postcolonial and Indigenous Literatures (HI)

ENGL 2233 Writing as a Profession (H) **3**

**33 hours ENGL (30 hours must be upper-division):**

Minimum of 12 hours at 4000-level

ENGL 3243 Literary Theory and Criticism **3**

ENGL 3343 Reading Poetry **3**

**3 hours Genre Studies:**

ENGL 3333 Short Story (H) **3**

or ENGL 3363 Readings in Drama (H)

or ENGL 3373 Readings in Nonfiction

or ENGL 3383 Readings in Narrative

or ENGL 3410 Popular Fiction

**3 hours Cultural Studies:**

ENGL 3153 Readings in Literature by Women (DH) **3**

or ENGL 3170 Readings in Literature and Other Disciplines

or ENGL 3183 Native American Literature (DH)

or ENGL 3133 Readings in Multi-Ethnic American Literature

or ENGL 3143 Readings in Postcolonial Literature (HI)

or ENGL 3193 African-American Literature (DH)

or ENGL 3813 Readings in the American Experience (DH)

or ENGL 3473 Race, Gender, and Ethnicity in American Film (D)

or ENGL 3503 Television and American Society (DH)

or ENGL 4230 Literature of Diversity (DH)

or ENGL 4263 Moving Image Aesthetics (H)

or ENGL 4333 Studies in Native American Literature

or ENGL 4340 Studies in Postcolonial and Multi-ethnic Literature

or ENGL 4450 Culture and the Moving Image

#### Pre-Law:

ENGL 4093 Language in America (DS) **3**

or ENGL 4033 Discourse Analysis

ENGL 4013 English Grammar **3**

ENGL 4543 Style and Editing **3**

Select 3 hours of Literature at the 4000 level **3**

English electives:

Select 9 hours additional ENGL Electives (6 hours must be upper-division) **9**

Select 12 non-ENGL upper-division courses including 9 hours to be selected of the following: **12**

AMIS 4013 American Indian Sovereignty (D)

AMST 3333 Crime, Law and American Culture (S)

GEOG 3133 Political Geography (IS)

REL 4213 Understanding Global Islam (HI)

ECON 3713	Introduction to Industrial Organization
LSB 3213	Legal and Regulatory Environment of Business
PHIL 3843	Philosophy of Law (H)
POLS 3033	International Law
POLS 3523	Money, Media And Politics
POLS 3533	Lobbying: the Art of Influence and Manipulation
POLS 3963	State Courts and the Bar
POLS 4353	Administrative Law
POLS 4363	Environmental Law And Policy
POLS 4593	Natural Resources and Environmental Policy
POLS 4963	U.S. Constitution: Civil Rights and Civil Liberties
PSYC 4143	Psychology and Law
PSYC 4293	Forensic Psychology
SOC 3523	Juvenile Delinquency (DS)
SOC 4313	Sociology of Law
SOC 4743	Criminalistics: Introduction to Forensic Sciences
SPCH 3733	Elements of Persuasion (S)
<b>Hours Subtotal</b>	<b>51</b>
<b>Electives</b>	
Select 7 hours	7
May need to include 6 hours upper-division general education outside major department (see note 2.c.)	
<b>Hours Subtotal</b>	<b>7</b>
<b>Total Hours</b>	<b>120</b>

## Other Requirements

- See the College of Arts and Sciences Requirements.
- Minimum GPA 3.00 in all ENGL courses and a minimum grade of "C" in each ENGL course (excluding English Composition and free electives).
- **Upper-Division Credit:** Total hours must include at least 40 hours in courses numbered 3000 or above.
- **Hours in One Department:** For B.A. and B.S. degrees, no more than 54 hours in one department may be applied to degree requirements.

## College of Arts and Sciences Requirements

### 1. General Education Requirements

No more than two courses (or eight hours) from the major department (<http://catalog.okstate.edu/college-arts-sciences-major-departments/>) may be used to meet General Education and College and Departmental Requirements. The General Education required English Composition, required U.S. History, required American Government, one required MATH or STAT course, and required foreign language for B.A. degrees do not count against the two-course maximum.

### 2. A&S College/Departmental Requirements

- Arts and Humanities are defined as any course carrying an (H) designation or courses from AMST, ART, DANC, ENGL (except ENGL 3323 Technical Writing) HIST, MUSI, PHIL (except

PHIL 1313 Logic and Critical Thinking (A), PHIL 3003 Symbolic Logic (A) and PHIL 4003 Mathematical Logic and Computability), REL, TH, and foreign languages.

- Natural and Mathematical Sciences are defined as any course from the following prefixes: ASTR, BIOC, BIOL, CHEM, CS (except CS 4883 Social Issues in Computing), GEOL, MATH, MICR, PBIO, PHYS, and STAT; or courses from other departments that carry an (A) or (N) general education designation.
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- Non-Western Studies Requirement for B.A. and B.F.A.; One 3-hour course in Non-Western Studies (N.W.). This requirement may be satisfied by courses also used to satisfy any part of a student's degree program (i.e., in General Education, College Departmental Requirements, Major Requirements or Electives).
- The College of Arts & Sciences requires a minimum 2.0 GPA in all major requirements and a minimum 2.0 GPA in all major-prefix courses applied to the degree.

### 3. Foreign Language Proficiency

- The foreign language requirement for the B.A. may be satisfied by 9 hours college credit in the same language, which must include 3 hours at the 2000-level, or equivalent proficiency (e.g., passing an advanced standing examination; TOEFL exam; presenting a high school transcript which demonstrates the high school was primarily conducted in a language other than English; etc.). Computer Science courses may not be used to satisfy this requirement. Currently Arabic and Mvskoke are not offered at the 2000-level at OSU.
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- In addition to a. and b., students pursuing teacher certification must meet novice-high foreign language proficiency by presenting a high school transcript which demonstrates two years of study of a single foreign language with no grade below B. Or, students may complete 3 hours college credit in a single language with no grade below C (or pass an advanced standing examination, College Level Examination Program (CLEP) exam, or Oral Proficiency Interview developed by the American Council on the Teaching of Foreign Languages, equivalent to 3 hours of college credit.) Or, students may meet the requirement by transfer of documentation of meeting the foreign language competency from one of the teacher education programs in the State of Oklahoma approved by the Oklahoma State Regents for Higher Education.

### 4. Exclusions

- Courses used to satisfy the General Education English Composition, U.S. History, American Government, and

Mathematics or Statistics requirements will not count toward the 54-hour maximum allowed from one department.

- b. Courses with ATHL or LEIS prefixes and leisure activity courses may not be used for degree credit.

## Additional State/OSU Requirements

- At least: 60 hours at a four-year institution; 30 hours completed at OSU; 15 of the final 30 or 50% of the upper-division hours in the major field completed at OSU.
- Limit of: one-half of major course requirements as transfer work; one-fourth of hours earned by correspondence; 8 transfer correspondence hours.
- Students will be held responsible for degree requirements in effect at the time of matriculation and any changes that are made, so long as these changes do not result in semester credit hours being added or do not delay graduation.
- Degrees that follow this plan must be completed by the end of Summer 2028.

## Example Plan of Study

### Finish in Four Plan of Study

The plan below is an **example** of how students can successfully complete degree requirements in four years. This suggested class schedule plan may be used as a guide and can be adjusted based on individual needs. Students are required to meet with an academic advisor prior to enrollment each semester to plan their class schedule, and students are ultimately responsible for completing all degree requirements.

Course	Title	Hours
<b>Freshman</b>		
<b>Fall</b>		
ENGL 1113 or ENGL 1313	Composition I or Critical Analysis and Writing I	3
ENGL 2543 or ENGL 2773	Survey of British Literature I (H) or Survey of American Literature I (H)	3
General Education courses		10
<b>Hours</b>		<b>16</b>
<b>Spring</b>		
ENGL 1213 or ENGL 1413	Composition II or Critical Analysis and Writing II	3
ENGL 2773 or ENGL 2543	Survey of American Literature I (H) or Survey of British Literature I (H)	3
General Education courses		8
<b>Hours</b>		<b>14</b>
<b>Sophomore</b>		
<b>Fall</b>		
ENGL 3243	Literary Theory and Criticism	3
1713 First Semester Foreign Language		3
PHIL 1313	Logic and Critical Thinking (A)	3
General Education courses		6
<b>Hours</b>		<b>15</b>
<b>Spring</b>		
ENGL 3343	Reading Poetry	3
1813 Second Semester Foreign Language		3
General Education courses		9
<b>Hours</b>		<b>15</b>
<b>Junior</b>		
<b>Fall</b>		
2000-level Foreign Language		3

Major, College, and Elective courses	12
<b>Hours</b>	<b>15</b>
<b>Spring</b>	
Major, College, and Elective courses	15
<b>Hours</b>	<b>15</b>
<b>Senior</b>	
<b>Fall</b>	
Major, College, and Elective courses	15
<b>Hours</b>	<b>15</b>
<b>Spring</b>	
Major, College, and Elective courses	15
<b>Hours</b>	<b>15</b>
<b>Total Hours</b>	<b>120</b>

# English: Professional Writing, BA

## Degree Requirements

**Requirements for Students Matriculating in or before Academic Year 2022-2023.** Learn more about University Academic Regulation 3.1 (p. 943).

**Minimum Overall Grade Point Average: 2.00**

**Total Hours: 120**

Code	Title	Hours
<b>General Education Requirements</b>		
<i>English Composition</i>		
See Academic Regulation 3.5 (p. 944)		
ENGL 1113 or ENGL 1313	Composition I Critical Analysis and Writing I	3
Select one of the following:		3
ENGL 1213	Composition II	
ENGL 1413	Critical Analysis and Writing II	
ENGL 3323	Technical Writing	
<i>American History &amp; Government</i>		
HIST 1103 or HIST 1483 or HIST 1493	Survey of American History American History to 1865 (H) American History Since 1865 (DH)	3
POLS 1113	American Government	3
<i>Analytical &amp; Quantitative Thought (A)</i>		
MATH or STAT course designated (A)		3
<i>Humanities (H)</i>		
Courses designated (H)		6
<i>Natural Sciences (N)</i>		
Must include one Laboratory Science (L) course		
Course designated (N)		6
<i>Social &amp; Behavioral Sciences (S)</i>		
Course designated (S)		3
<i>Additional General Education</i>		
Courses designated (A), (H), (N), or (S)		10
<b>Hours Subtotal</b>		<b>40</b>
<b>Diversity (D) &amp; International Dimension (I)</b>		
May be completed in any part of the degree plan		
Select at least one Diversity (D) course		
Select at least one International Dimension (I) course		
<b>College/Departmental Requirements</b>		
<i>First Year Seminar</i>		
(Transfer students with 15 hours exempt)		1
<i>Arts &amp; Humanities</i>		
ENGL 2243	Language, Text and Culture (HI)	3
Select 6 additional hours		6
See note 2.a.		
<i>Natural &amp; Mathematical Sciences</i>		
See note 2.b.		3
<i>Foreign Language</i>		
See note 3		9
<i>Non-Western Studies</i>		

See note 2.d.

*Upper-Division General Education*

Select 6 hours outside major department

See note 2.c.

**Hours Subtotal** **22**

### Major Requirements

*Core Courses*

ENGL 2233	Writing as a Profession (H)	3
ENGL 3203	Advanced Composition	3
ENGL 3223	Professional Writing Theory	3
ENGL 4523	Professional Writing Internship	3
ENGL 4530	Studies in Professional Writing	3
ENGL 4543	Style and Editing	3
ENGL 4553	Visual Rhetoric and Design	3
ENGL 4583	Writing for the Public	3

*Professional Writing/Linguistics*

Select 9 hours of the following: 9

ENGL 2253 Theory and Practice of Digital Studies

ENGL 4003 History of the English Language

ENGL 4013 English Grammar

ENGL 4033 Discourse Analysis

ENGL 4043 Teaching English to Speakers of Other Languages

ENGL 4063 Introduction to Descriptive Linguistics

ENGL 4073 Introduction to Sociolinguistics

ENGL 4093 Language in America (DS)

ENGL 4573 Games and Writing

ENGL 4593 Writing Across the Disciplines

*English electives*

Select 9 hours additional ENGL Electives (6 hours must be upper-division) 9

Select 12 hours of non-ENGL upper-division courses 12

**Hours Subtotal** **54**

### Electives

Select 4 hours 4

May need to include 6 hours upper-division general education outside major department (see note 2.c.)

**Hours Subtotal** **4**

**Total Hours** **120**

## Other Requirements

- See the College of Arts and Sciences Requirements.
- Minimum GPA 3.00 in all ENGL courses and a minimum grade of "C" in each ENGL course (excluding English Composition and free electives).
- **Upper-Division Credit:** Total hours must include at least 40 hours in courses numbered 3000 or above.
- **Hours in One Department:** For B.A. and B.S. degrees, no more than 54 hours in one department may be applied to degree requirements.



# College of Arts and Sciences Requirements

## 1. General Education Requirements

No more than two courses (or eight hours) from the major department (<http://catalog.okstate.edu/college-arts-sciences-major-departments/>) may be used to meet General Education and College and Departmental Requirements. The General Education required English Composition, required U.S. History, required American Government, one required MATH or STAT course, and required foreign language for B.A. degrees do not count against the two-course maximum.

## 2. A&S College/Departmental Requirements

- Arts and Humanities are defined as any course carrying an (H) designation or courses from AMST, ART, DANC, ENGL (except ENGL 3323 Technical Writing) HIST, MUSI, PHIL (except PHIL 1313 Logic and Critical Thinking (A), PHIL 3003 Symbolic Logic (A) and PHIL 4003 Mathematical Logic and Computability), REL, TH, and foreign languages.
- Natural and Mathematical Sciences are defined as any course from the following prefixes: ASTR, BIOC, BIOL, CHEM, CS (except CS 4883 Social Issues in Computing), GEOL, MATH, MICR, PBIO, PHYS, and STAT; or courses from other departments that carry an (A) or (N) general education designation.
- The required six hours of upper-division General Education may not include courses from the student's major department. This requirement may be satisfied by courses also used to satisfy any part of a student's degree program (i.e., in General Education, College Departmental Requirements, Major Requirements or Electives).
- Non-Western Studies Requirement for B.A. and B.F.A.; One 3-hour course in Non-Western Studies (N.W.). This requirement may be satisfied by courses also used to satisfy any part of a student's degree program (i.e., in General Education, College Departmental Requirements, Major Requirements or Electives).
- The College of Arts & Sciences requires a minimum 2.0 GPA in all major requirements and a minimum 2.0 GPA in all major-prefix courses applied to the degree.

## 3. Foreign Language Proficiency

- The foreign language requirement for the B.A. may be satisfied by 9 hours college credit in the same language, which must include 3 hours at the 2000-level, or equivalent proficiency (e.g., passing an advanced standing examination; TOEFL exam; presenting a high school transcript which demonstrates the high school was primarily conducted in a language other than English; etc.). Computer Science courses may not be used to satisfy this requirement. Currently Arabic and Mvskoke are not offered at the 2000-level at OSU.
- The foreign language requirement for the B.S., B.M. and B.F.A. may be satisfied by presenting a high school transcript which demonstrates two years of study of a single foreign language (passing grades at second-year level of study). It may also be satisfied by 6 hours college credit in the same language, which must include language courses 1713 and 1813, or equivalent proficiency (e.g., passing an advanced standing examination; TOEFL exam; presenting a high school transcript which demonstrates the high school was primarily conducted in a language other than English; etc.). Computer Science courses may not be used to satisfy this requirement.

- In addition to a. and b., students pursuing teacher certification must meet novice-high foreign language proficiency by presenting a high school transcript which demonstrates two years of study of a single foreign language with no grade below B. Or, students may complete 3 hours college credit in a single language with no grade below C (or pass an advanced standing examination, College Level Examination Program (CLEP) exam, or Oral Proficiency Interview developed by the American Council on the Teaching of Foreign Languages, equivalent to 3 hours of college credit.) Or, students may meet the requirement by transfer of documentation of meeting the foreign language competency from one of the teacher education programs in the State of Oklahoma approved by the Oklahoma State Regents for Higher Education.

## 4. Exclusions

- Courses used to satisfy the General Education English Composition, U.S. History, American Government, and Mathematics or Statistics requirements will not count toward the 54-hour maximum allowed from one department.
- Courses with ATHL or LEIS prefixes and leisure activity courses may not be used for degree credit.

## Additional State/OSU Requirements

- At least: 60 hours at a four-year institution; 30 hours completed at OSU; 15 of the final 30 or 50% of the upper-division hours in the major field completed at OSU.
- Limit of: one-half of major course requirements as transfer work; one-fourth of hours earned by correspondence; 8 transfer correspondence hours.
- Students will be held responsible for degree requirements in effect at the time of matriculation and any changes that are made, so long as these changes do not result in semester credit hours being added or do not delay graduation.
- Degrees that follow this plan must be completed by the end of Summer 2028.

## Example Plan of Study

### Finish in Four Plan of Study

The plan below is an **example** of how students can successfully complete degree requirements in four years. This suggested class schedule plan may be used as a guide and can be adjusted based on individual needs. Students are required to meet with an academic advisor prior to enrollment each semester to plan their class schedule, and students are ultimately responsible for completing all degree requirements.

Course	Title	Hours
<b>Freshman</b>		
<b>Fall</b>		
ENGL 1113 or ENGL 1313	Composition I or Critical Analysis and Writing I	3
ENGL 2233	Writing as a Profession (H)	3
General Education courses		9
		<b>Hours</b>
		<b>15</b>
<b>Spring</b>		
ENGL 1213 or ENGL 1413	Composition II or Critical Analysis and Writing II	3
General Education courses		12
		<b>Hours</b>
		<b>15</b>

**Sophomore**

**Fall**

1713 First Semester Foreign Language	3
General Education courses	12

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**Hours** **15**

**Spring**

1813 Second Semester Foreign Language	3
General Education courses	12

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**Hours** **15**

**Junior**

**Fall**

2000-level Foreign Language	3
Major, College, and Elective courses	12

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**Hours** **15**

**Spring**

Major, College, and Elective courses	15
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**Hours** **15**

**Senior**

**Fall**

Major, College, and Elective courses	15
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**Hours** **15**

**Spring**

Major, College, and Elective courses	15
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**Hours** **15**

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**Total Hours** **120**

## English: Screen Studies, BA

### Degree Requirements

**Requirements for Students Matriculating in or before Academic Year 2022-2023.** Learn more about University Academic Regulation 3.1 (p. 943).

**Minimum Overall Grade Point Average:** 2.00

**Total Hours:** 120

Code	Title	Hours
<b>General Education Requirements</b>		
<i>English Composition</i>		
See Academic Regulation 3.5 (p. 944)		
ENGL 1113	Composition I	3
or ENGL 1313	Critical Analysis and Writing I	
Select one of the following:		3
ENGL 1213	Composition II	
ENGL 1413	Critical Analysis and Writing II	
ENGL 3323	Technical Writing	
<i>American History &amp; Government</i>		
HIST 1103	Survey of American History	3
or HIST 1483	American History to 1865 (H)	
or HIST 1493	American History Since 1865 (DH)	
POLS 1113	American Government	3
<i>Analytical &amp; Quantitative Thought (A)</i>		
MATH or STAT course designated (A)		3
<i>Humanities (H)</i>		
Courses designated (H)		6
<i>Natural Sciences (N)</i>		
Must include one Laboratory Science (L) course		
Course designated (N)		6
<i>Social &amp; Behavioral Sciences (S)</i>		
Course designated (S)		3
<i>Additional General Education</i>		
Courses designated (A), (H), (N), or (S)		10
<b>Hours Subtotal</b>		<b>40</b>
<b>Diversity (D) &amp; International Dimension (I)</b>		
May be completed in any part of the degree plan		
Select at least one Diversity (D) course		
Select at least one International Dimension (I) course		
<b>College/Departmental Requirements</b>		
<i>First Year Seminar</i>		
(Transfer students with 15 hours exempt)		1
<i>Arts &amp; Humanities</i>		
ENGL 2453	Introduction to Film and Television (H)	3
ENGL 2543	Survey of British Literature I (H)	3
or ENGL 2653	Survey of British Literature II (H)	
Select 3 additional non-ENGL hours		3
<i>Natural &amp; Mathematical Sciences</i>		
See note 2.b.		3
<i>Foreign Language</i>		
See note 3		9

#### Non-Western Studies

See note 2.d.

#### Upper-Division General Education

Select 6 hours outside major department

See note 2.c.

**Hours Subtotal** **22**

#### Major Requirements

##### Core Courses

Select one of the following: 3

ENGL 2773 Survey of American Literature I (H)

ENGL 2883 Survey of American Literature II (DH)

ENGL 2963 Survey of Postcolonial and Indigenous Literatures (HI)

ENGL 3263 Film & TV Criticism 3

ENGL 3453 History of American Film (H) 3

ENGL 3463 History of International Film (HI) 3

ENGL 4450 Culture and the Moving Image 3

ENGL 3433 Introduction to Television Studies (H) 3

Select one of the following: 3

ENGL 3473 Race, Gender, and Ethnicity in American Film (D)

ENGL 4263 Moving Image Aesthetics (H)

*English electives*

Select 18 hours of ENGL electives (15 hours must be upper-division) including 6 hours from: 18

ENGL 4100 Studies in Medieval British Literature

ENGL 4110 Studies in 16th Century British Literature

ENGL 4120 Studies in 17th Century British Literature

ENGL 4130 Studies in 18th Century British Literature

ENGL 4160 Studies in 19th Century British Literature

ENGL 4170 Studies in 20th Century British Literature

ENGL 4200 Studies in Early American Literature

ENGL 4210 Studies in 19th Century American Literature

ENGL 4220 Studies in 20th Century American Literature

ENGL 4223 Introduction to Old English

ENGL 4300 Studies in Romanticism

ENGL 4310 Studies in Modernism

ENGL 4600 Studies in Chaucer or Milton

ENGL 4700 Single Author or Work Pre-1800

ENGL 4723 Studies in Shakespeare (H)

*Related Courses*

Select 15 hours of non-ENGL upper-division courses 15

**Hours Subtotal** **54**

#### Electives

Select 4 hours 4

May need to include 6 hours upper-division general education outside major department (see note 2.c.)

**Hours Subtotal** **120**

**Total Hours** **120**

## Other Requirements

- See the College of Arts and Sciences Requirements.
- Minimum GPA 3.00 in all ENGL courses and a minimum grade of “C” in each ENGL course (excluding English Composition and free electives).
- **Upper-Division Credit:** Total hours must include at least 40 hours in courses numbered 3000 or above.
- **Hours in One Department:** For B.A. and B.S. degrees, no more than 54 hours in one department may be applied to degree requirements.

## College of Arts and Sciences Requirements

### 1. General Education Requirements

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### 2. A&S College/Departmental Requirements

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- The foreign language requirement for the B.S., B.M. and B.F.A. may be satisfied by presenting a high school transcript which demonstrates two years of study of a single foreign language (passing grades at second-year level of study). It may also be satisfied by 6 hours college credit in the same language, which must include language courses 1713 and 1813, or equivalent proficiency (e.g., passing an advanced standing examination; TOEFL exam; presenting a high school transcript which demonstrates the high school was primarily conducted in a language other than English; etc.). Computer Science courses may not be used to satisfy this requirement.
- In addition to a. and b., students pursuing teacher certification must meet novice-high foreign language proficiency by presenting a high school transcript which demonstrates two years of study of a single foreign language with no grade below B. Or, students may complete 3 hours college credit in a single language with no grade below C (or pass an advanced standing examination, College Level Examination Program (CLEP) exam, or Oral Proficiency Interview developed by the American Council on the Teaching of Foreign Languages, equivalent to 3 hours of college credit.) Or, students may meet the requirement by transfer of documentation of meeting the foreign language competency from one of the teacher education programs in the State of Oklahoma approved by the Oklahoma State Regents for Higher Education.

### 4. Exclusions

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- Courses with ATHL or LEIS prefixes and leisure activity courses may not be used for degree credit.

## Additional State/OSU Requirements

- At least: 60 hours at a four-year institution; 30 hours completed at OSU; 15 of the final 30 or 50% of the upper-division hours in the major field completed at OSU.
- Limit of: one-half of major course requirements as transfer work; one-fourth of hours earned by correspondence; 8 transfer correspondence hours.
- Students will be held responsible for degree requirements in effect at the time of matriculation and any changes that are made, so long as these changes do not result in semester credit hours being added or do not delay graduation.
- Degrees that follow this plan must be completed by the end of Summer 2028.

## Example Plan of Study

### Finish in Four Plan of Study

The plan below is an **example** of how students can successfully complete degree requirements in four years. This suggested class schedule plan may be used as a guide and can be adjusted based on individual needs. Students are required to meet with an academic advisor prior to enrollment each semester to plan their class schedule, and students are ultimately responsible for completing all degree requirements.

Course	Title	Hours
<b>Freshman</b>		
<b>Fall</b>		
ENGL 1113 or ENGL 1313	Composition I or Critical Analysis and Writing I	3
ENGL 2453	Introduction to Film and Television (H)	3
General Education Courses		10
<b>Hours</b>		<b>16</b>
<b>Spring</b>		
ENGL 1213 or ENGL 1413	Composition II or Critical Analysis and Writing II	3
ENGL 2543 or ENGL 2653	Survey of British Literature I (H) or Survey of British Literature II (H)	3
General Education Courses		8
<b>Hours</b>		<b>14</b>
<b>Sophomore</b>		
<b>Fall</b>		
1713	First Semester Foreign Language	3
General Education Courses		12
<b>Hours</b>		<b>15</b>
<b>Spring</b>		
1813	Second Semester Foreign Language	3
Major, College, and Elective courses		12
<b>Hours</b>		<b>15</b>
<b>Junior</b>		
<b>Fall</b>		
2000-level	Foreign Language	3
Major, College, and Elective courses		12
<b>Hours</b>		<b>15</b>
<b>Spring</b>		
Major, College, and Elective courses		15
<b>Hours</b>		<b>15</b>
<b>Senior</b>		
<b>Fall</b>		
Major, College, and Elective courses		15
<b>Hours</b>		<b>15</b>
<b>Spring</b>		
Major, College, and Elective courses		15
<b>Hours</b>		<b>15</b>
<b>Total Hours</b>		<b>120</b>

## Linguistics (LING), Minor

**Requirements for Students Matriculating in or before Academic Year 2022-2023.** Learn more about University Academic Regulation 3.1 (p. 943).

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**Minimum Overall Grade Point Average:** 2.50

**Total Hours:** 15

Code	Title	Hours
<b>Minor Requirements</b>		
ENGL 4063	Introduction to Descriptive Linguistics	3
Select 12 hours of the following:		12
ENGL 2243	Language, Text and Culture (HI)	
ENGL 2443	Languages of the World (I)	
ENGL 4003	History of the English Language	
ENGL 4013	English Grammar	
ENGL 4033	Discourse Analysis	
ENGL 4043	Teaching English to Speakers of Other Languages	
ENGL 4073	Introduction to Sociolinguistics	
ENGL 4080	Studies in Linguistics	
ENGL 4083	Applied Linguistics	
ENGL 4093	Language in America (DS)	
ENGL 4143	Language and Technology	
PSYC 4343	Language Development (S)	
PHIL 3003	Symbolic Logic (A)	
PHIL 4543	Philosophy of Language	
<b>Total Hours</b>		<b>15</b>

### Other Requirements

- 9 hours must be upper-division.

### Additional OSU Requirements

#### Undergraduate Minors

- An undergraduate minor must include between fifteen and thirty hours, inclusive of undergraduate coursework.
- A minimum of six credit hours for the minor must be earned in residence at OSU.
- The courses required for a minor may be included in the course requirements for any undergraduate degree or they may be in addition to degree requirements, depending on the overlap between the minor and degree requirements. However, an undergraduate minor must be earned in an academic field other than the student's declared degree option. The minor may not duplicate the degree major or option (for example, a student who earns a BA in Art with an Art History option may earn a minor in Studio Art but not Art History).
- A student generally follows the minor requirements associated with his or her matriculation year or newer requirements that have been established since matriculation. The time limit for following requirements from a given academic year is six years.

For additional information on requirements on minors, click here (<https://adminfinance.okstate.edu/site-files/documents/policies/requirements-for-undergraduate-and-graduate-minors.pdf>).



## Professional Writing (PRWR), Minor

**Requirements for Students Matriculating in or before Academic Year 2022-2023.** Learn more about University Academic Regulation 3.1 (p. 943).

**Minimum grade and/or GPA:** 3.0 GPA

**Total Hours:** 15

Code	Title	Hours
<b>Course Requirements</b>		
Select three hours from the following lower-division:		3
ENGL 2233	Writing as a Profession (H)	
ENGL 2253	Theory and Practice of Digital Studies	
Select 12 hours from the following upper-division:		12
ENGL 3223	Professional Writing Theory	
ENGL 4553	Visual Rhetoric and Design	
ENGL 4543	Style and Editing	
ENGL 4583	Writing for the Public	
ENGL 4530	Studies in Professional Writing	
ENGL 4573	Games and Writing	
ENGL 4593	Writing Across the Disciplines	
<b>Total Hours</b>		<b>15</b>

## Additional OSU Requirements

### Undergraduate Minors

- An undergraduate minor must include between fifteen and thirty hours, inclusive of undergraduate coursework.
- A minimum of six credit hours for the minor must be earned in residence at OSU.
- The courses required for a minor may be included in the course requirements for any undergraduate degree or they may be in addition to degree requirements, depending on the overlap between the minor and degree requirements. However, an undergraduate minor must be earned in an academic field other than the student's declared degree option. The minor may not duplicate the degree major or option (for example, a student who earns a BA in Art with an Art History option may earn a minor in Studio Art but not Art History).
- A student generally follows the minor requirements associated with his or her matriculation year or newer requirements that have been established since matriculation. The time limit for following requirements from a given academic year is six years.

For additional information on requirements on minors, click here (<https://adminfinance.okstate.edu/site-files/documents/policies/requirements-for-undergraduate-and-graduate-minors.pdf>).

## Screen Studies (SCST), Minor

**Requirements for Students Matriculating in or before Academic Year 2022-2023.** Learn more about University Academic Regulation 3.1 (p. 943).

**Minimum GPA for Minor Courses:** 3.0 GPA

**Total Hours:** 15

Code	Title	Hours
<b>Course Requirements</b>		
<i>Lower Division</i>		
ENGL 2453	Introduction to Film and Television (H)	3
<i>Upper Division (Non-Repeating)</i>		
Select 12 hours from the following:		12
AMST 3473	Race, Gender, and Ethnicity in American Film (D)	
or ENGL 3473	Race, Gender, and Ethnicity in American Film (D)	
AMST 3503	Television and American Society (DH)	
ENGL 3263	Film & TV Criticism	
ENGL 3353	Film and Literature	
ENGL 3433	Introduction to Television Studies (H)	
ENGL 3453	History of American Film (H)	
ENGL 3463	History of International Film (HI)	
ENGL 4350	Contemporary International Cinema	
ENGL 4450	Culture and the Moving Image	
<b>Total Hours</b>		<b>15</b>

## Additional OSU Requirements

### Undergraduate Minors

- An undergraduate minor must include between fifteen and thirty hours, inclusive of undergraduate coursework.
- A minimum of six credit hours for the minor must be earned in residence at OSU.
- The courses required for a minor may be included in the course requirements for any undergraduate degree or they may be in addition to degree requirements, depending on the overlap between the minor and degree requirements. However, an undergraduate minor must be earned in an academic field other than the student's declared degree option. The minor may not duplicate the degree major or option (for example, a student who earns a BA in Art with an Art History option may earn a minor in Studio Art but not Art History).
- A student generally follows the minor requirements associated with his or her matriculation year or newer requirements that have been established since matriculation. The time limit for following requirements from a given academic year is six years.

For additional information on requirements on minors, click here (<https://adminfinance.okstate.edu/site-files/documents/policies/requirements-for-undergraduate-and-graduate-minors.pdf>).

## Teaching English to Speakers of Other Languages, Undergraduate Certificate

**Requirements for Students Matriculating in or before Academic Year 2022-2023.** Learn more about University Academic Regulation 3.1 (p. 943).

**Total Hours: 15**

Code	Title	Hours
ENGL 4013	English Grammar	3
ENGL 4043	Teaching English to Speakers of Other Languages	3
ENGL 4180	Internship in TESL	3-4
Select six credit hours from:		6
ENGL 2243	Language, Text and Culture (HI)	
ENGL 2443	Languages of the World (I)	
ENGL 4003	History of the English Language	
ENGL 4033	Discourse Analysis	
ENGL 4063	Introduction to Descriptive Linguistics	
ENGL 4073	Introduction to Sociolinguistics	
ENGL 4080	Studies in Linguistics	
ENGL 4083	Applied Linguistics	
ENGL 4093	Language in America (DS)	
ENGL 4143	Language and Technology	
ENGL 4520	Problems in English	
CIED 4133	Introduction to K-12 English Language Learners	
CIED 4813	Second Language Acquisition Research and Pedagogy	

For additional information on this program, please contact Dr. Carol Moder, English Department, 205 Morrill Hall, 405-744-9471, or Dr. Steph Link, English Department, 109D Morrill Hall, 405-744-6232.

## Gender, Women's and Sexuality Studies

Gender, Women's, and Sexuality Studies (GWST) is an interdisciplinary program offering diverse undergraduate and graduate coursework, a minor for undergraduates, support for faculty research and curricular development, and opportunities to collaborate with community and campus partners who are intrigued by how gender shapes the world. Faculty and courses from twelve departments across the university contribute to the program.

The minor is offered through the College of Arts and Sciences, but is open to all undergraduates regardless of major. In addition to two required courses in Gender and Women's Studies (GWST 2113 Transnational Women's Studies (S) or GWST 2123 Introduction to Gender Studies (DH); GWST 4113 Feminist Theories or GWST 4503 Theorizing Men and Masculinities), students choose from GWST courses focusing on gender and women (6 hours), and from classes that complement gender and women's studies (3 hours).

Students in Gender, Women's and Sexuality Studies pursue research in the history of women, in theories of gender, in feminism, in the cultural construction of masculinity, and in the cross-cultural intersections of race, class, nationality and sexuality. Work in Gender, Women's and Sexuality Studies can lead to and enrich a wide variety of careers, including nonprofit development, graduate training in humanities and the social sciences, education, curatorial administration, human resources, creative writing and reportage, international relations, publishing, public relations, and electoral politics and advocacy.

### Courses

#### GWST 2113 Transnational Women's Studies (S)

**Description:** Introduction to research on women and gender in transnational contexts. Interpersonal relationships, socioeconomic status, power and authority as women experience them, myths and realities among women of different races, classes, ethnicities, sexual orientation, nationalities, ages, and physical ability. Previously offered as WMST 2113.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Dean of Arts & Science

**General Education and other Course Attributes:** Social & Behavioral Sciences

#### GWST 2123 Introduction to Gender Studies (DH)

**Description:** Introduction to critical thinking about the construction of gender and the intersections of gender with race, ethnicity, class, and sexuality. Basic methods of studying gender from an interdisciplinary humanities perspective. Previously offered as WMST 2123.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Dean of Arts & Science

**General Education and other Course Attributes:** Diversity, Humanities

#### GWST 3443 Gender Relations in Chinese History (H)

**Description:** This course examines men's and women's social, cultural, religious, political, economic, family, and sexual experiences in Chinese history; particularly women's own voices and efforts in pursuing their own goals and aspirations. Same course as HIST 3443.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Dean of Arts & Science

**General Education and other Course Attributes:** Humanities

#### GWST 3450 Topics in Gender Studies

**Prerequisites:** GWST 2113 or GWST 2123 or permission of instructor.

**Description:** Suggested topics include: women and health, women and science, women and religion. Previously offered as WMST 3450. Offered for fixed credit, 3 credit hours, maximum of 12 credit hours.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Dean of Arts & Science

#### GWST 3513 Theorizing Sexualities (D)

**Prerequisites:** GWST 2113 or GWST 2123.

**Description:** Examination of poststructuralist and/or feminist theories of sexualities in contexts of film, literature, history, or popular culture. Likely theorists include Foucault, Butler, D'Emilio, Lorde, Kristeva, Anzaldúa, Chow, and/or Chauncey. Previously offered as WMST 3513.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Dean of Arts & Science

**General Education and other Course Attributes:** Diversity

#### GWST 3553 LGBTQ Lives in the United States (D)

**Description:** Introduction to the Study of lesbian, gay, bisexual, transgender, intersex, and queer+ (LGBTQ) experiences, representations, cultural practices, and resistance to oppression in the contemporary United States.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Dean of Arts & Science

**General Education and other Course Attributes:** Diversity

#### GWST 3613 Race and Reproduction in the U.S. (D)

**Prerequisites:** GWST 2113 or GWST 2123 recommended.

**Description:** An interdisciplinary examination of the inextricable relationship between race relations and reproductive politics. Issues explored include malthusianism, sterilization abuse, criminalizing pregnancy, natalism and nationalism, eugenics, the role of women of color in campaigns for reproductive justice, and representations of motherhood.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Dean of Arts & Science

**General Education and other Course Attributes:** Diversity

**GWST 3713 Gender and Representation (D)**

**Description:** Cultural analysis of gender representation and gender relations. Using cultural texts and practices in several areas such as children's culture, sport, music, film and TV. Previously offered as WMST 3713.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Dean of Arts & Science

**General Education and other Course Attributes:** Diversity

**GWST 3813 Mothering**

**Description:** This course offers an interdisciplinary study of motherhood and mothering, exploring its social and cultural contours, diverse representations, and varied practices from GWST, feminist, intersectional, and LGBTQ perspectives.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Dean of Arts & Science

**GWST 3913 Gender, Violence & Justice (D)**

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Dean of Arts & Science

**General Education and other Course Attributes:** Diversity

**GWST 4013 Approaches to Feminist Research**

**Prerequisites:** GWST 2113 or GWST 2123 or consent of instructor.

**Description:** Examines the ethics and epistemologies of methodologies and theoretical frameworks most conducive to feminist analysis. This course prepares students to conceptualize their own research projects. Previously offered as WMST 4013. May not be used for degree credit with GWST 5013.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Dean of Arts & Science

**GWST 4113 Feminist Theories**

**Prerequisites:** GWST 2113 or GWST 2123 or consent of instructor.

**Description:** Examines the different types of feminist theories and the role theory plays in the production of knowledge. A variety of feminist theories will be considered from an interdisciplinary perspective. Previously offered as WMST 4113. May not be used for degree credit with GWST 5113.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Dean of Arts & Science

**GWST 4333 History of Sexuality in the United States (D)**

**Description:** This course examines the history of sexuality in the U.S. from the 16th century to the present. It considers how social, cultural, political, and economic conditions have affected changing meanings of sexuality over time. It takes an intersectional approach, paying particular attention to how issues of race, class, and gender have shaped attitudes towards and experiences of sexuality in the American past. Same course as HIST 4333.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Dean of Arts & Science

**General Education and other Course Attributes:** Diversity

**GWST 4413 Sex & Gender in the Medieval World**

**Description:** Historical attitudes toward sex and gender history in medieval Europe. Interdisciplinary approach also including cultural, social, economic and religious history. Same course as HIST 4413.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Dean of Arts & Science

**GWST 4503 Theorizing Men and Masculinities**

**Prerequisites:** GWST 4113 or permission of instructor.

**Description:** Examines the roles of men in various cultural contexts, the historical development of manhood as an ideal, and theories of masculinities. May not be used for degree credit with GWST 5503.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Dean of Arts & Science

**GWST 4613 Women in the Bible (H)**

**Description:** This course will examine the stories about and portrayals of women in the Bible. We will explore what the biblical authors have to say about women within their cultural contexts and how these portrayals have shaped how women are seen in Western society. By analyzing the portrayals of women in antiquity, the course will also provide conceptual tools to help students examine how gender has been understood in Western society. Same course as REL 4613.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Dean of Arts & Science

**General Education and other Course Attributes:** Humanities

**GWST 4890 Internship in Gender and Women's Studies****Prerequisites:** Consent of instructor.**Description:** Directed practicum or internship experience in a GWST related professional work setting. Students must have an approved internship that will provide gender and women's studies experience beyond that available in the classroom. Students produce written analyses of their work and learning under the guidance of the instructor and internship site supervisor. Offered for variable credit, 1-9 credit hours, maximum of 9 credit hours.**Credit hours:** 1-9**Contact hours:** Contact: 1-9 Other: 1-9**Levels:** Undergraduate**Schedule types:** Independent Study**Department/School:** Dean of Arts & Science**GWST 4950 Special Topics in Global Feminism****Prerequisites:** GWST 2113 or GWST 2123 or permission of instructor.**Description:** Selected topics in the problems and issues of global women's and feminist activism. Highlights the continuing fight to secure gender equality, especially in developing nations. Exploration of the women's movement links with other human rights struggles across the globe. Previously offered as WMST 4950. May not be used for degree credit with GWST 5950. Offered for 3 credit hours, maximum of 6 credit hours.**Credit hours:** 3**Contact hours:** Lecture: 3 Contact: 3**Levels:** Undergraduate**Schedule types:** Lecture**Department/School:** Dean of Arts & Science**GWST 4990 Directed Readings in Gender Studies****Prerequisites:** Permission of instructor.**Description:** Examines gender studies issues and topics. Previously offered as WMST 4990. May not be used for degree credit with GWST 5990. Offered for variable credit, 1-3 credit hours, maximum of 12 credit hours.**Credit hours:** 1-3**Contact hours:** Lecture: 1-3 Contact: 1-3**Levels:** Undergraduate**Schedule types:** Lecture**Department/School:** Dean of Arts & Science**GWST 5013 Approaches to Feminist Research****Description:** Examines the epistemologies, theoretical frameworks, and ethics of methodologies conducive to feminist analysis. This course prepares students to conceptualize and undertake their own research projects. May not be used for degree credit with GWST 4013.**Credit hours:** 3**Contact hours:** Lecture: 3 Contact: 3**Levels:** Graduate**Schedule types:** Lecture**Department/School:** Dean of Arts & Science**GWST 5103 Gender and Sexuality****Description:** This course offers an interdisciplinary survey of major works and key concepts in the field of Gender and Women's Studies.**Credit hours:** 3**Contact hours:** Lecture: 3 Contact: 3**Levels:** Graduate**Schedule types:** Lecture**Department/School:** Dean of Arts & Science**GWST 5113 Feminist Theory****Description:** Examines diverse feminist theories and their role in the production of knowledge. A variety of contemporary feminist theories will be considered from an interdisciplinary perspective. May not be used for degree credit with GWST 4113.**Credit hours:** 3**Contact hours:** Lecture: 3 Contact: 3**Levels:** Graduate**Schedule types:** Lecture**Department/School:** Dean of Arts & Science**GWST 5300 Seminar in Gender and Women's Studies****Description:** This course will offer a topics-based graduate colloquium in the interdisciplinary and international field of Gender and Women's Studies. Potential topics include Gender and Modern War, Feminist Aesthetics, Sexuality and Space, Cold War Masculinities, and Gender and International Relations. Offered for variable credit, 1-3 credit hours, maximum of 9 credit hours.**Credit hours:** 1-3**Contact hours:** Lecture: 1-3 Contact: 1-3**Levels:** Graduate**Schedule types:** Lecture**Department/School:** Dean of Arts & Science**GWST 5503 Theorizing Men and Masculinities****Prerequisites:** GWST 4113 or permission of instructor.**Description:** Examines the roles of men in various cultural contexts, the historical development of manhood as an ideal, and theories of masculinities. May not be used for degree credit with GWST 4503.**Credit hours:** 3**Contact hours:** Lecture: 3 Contact: 3**Levels:** Graduate**Schedule types:** Lecture**Department/School:** Dean of Arts & Science**GWST 5913 Gender, Violence and Justice****Description:** This course provides a transnational, intersectional examination of gender-based violence and varied forms of justice. Issues explored might include violence against women, domestic violence, human trafficking, sexual harassment, policing, incarceration, as well as anti-violence activism and alternatives to criminal legal system. May not be used for degree credit with GWST 3913.**Credit hours:** 3**Contact hours:** Lecture: 3 Contact: 3**Levels:** Graduate**Schedule types:** Lecture**Department/School:** Dean of Arts & Science**GWST 5950 Special Topics in Global Feminism****Prerequisites:** GWST 2113 or GWST 2123 or permission of instructor.**Description:** Selected topics in the problems and issues of global women's and feminist activism. Highlights the continuing fight to secure gender equality, especially in developing nations. Exploration of the women's movement links with other human rights struggles across the globe. May not be used for degree credit with GWST 4950. Offered for 3 credit hours, maximum of 6 credit hours.**Credit hours:** 3**Contact hours:** Lecture: 3 Contact: 3**Levels:** Graduate**Schedule types:** Lecture**Department/School:** Dean of Arts & Science



**GWST 5990 Directed Readings in Gender and Women's Studies**

**Prerequisites:** Permission of instructor.

**Description:** Specialized readings or independent study in GWST. May not be used for degree credit with GWST 4990. Offered for variable credit, 1-3 credit hours, maximum of 6 credit hours.

**Credit hours:** 1-3

**Contact hours:** Contact: 1-3 Other: 1-3

**Levels:** Graduate

**Schedule types:** Independent Study

**Department/School:** Dean of Arts & Science

## Minors

- Gender, Women's and Sexuality Studies (GWS), Minor (p. 1166)

## Faculty

Lucy E. Bailey—Director and Associate Professor

For program information, please contact [lucy.bailey@okstate.edu](mailto:lucy.bailey@okstate.edu)

**Assistant Professor of Gender and Women's Studies:** Corinne Schwarz

**Assistant Professor of Gender, Women's & Sexuality Studies and Africana Studies:** Reanae McNeal

**Art History, Core faculty in Gender and Women's Studies:** Jennifer Borland

**American Studies and History, Core faculty in Gender and Women's Studies:** John Kinder

**English, Core faculty in Gender and Women's Studies:** Carol Moder

**History, Core faculty in Gender and Women's Studies:** Emily Graham

**English, Core faculty in Gender and Women's Studies:** Stacy Takacs

## Gender, Women's and Sexuality Studies (GWS), Minor

**Requirements for Students Matriculating in or before Academic Year 2022-2023.** Learn more about University Academic Regulation 3.1 (p. 943).

**Lucy Bailey**, Faculty contact, 215 WLLD, 405-744-9194, lucy.bailey@okstate.edu

**Anthony Valentine**, 213 LSE, 405-744-5658

**Minimum Grade Point Average in Minor Coursework:** 2.00

**Total Hours:** 15

Code	Title	Hours
<b>Minor Requirements</b>		
GWST 2113	Transnational Women's Studies (S)	3
or GWST 2123	Introduction to Gender Studies (DH)	
GWST 4113	Feminist Theories	3
or GWST 4503	Theorizing Men and Masculinities	
Select 6 hours from classes focusing on gender and women:		6
GWST 3450	Topics in Gender Studies	
GWST 3513	Theorizing Sexualities (D)	
GWST 3553	LGBTQ Lives in the United States (D)	
GWST 3613	Race and Reproduction in the U.S. (D)	
GWST 3713	Gender and Representation (D)	
GWST 3813	Mothering	
GWST 3913	Gender, Violence & Justice (D)	
GWST 4013	Approaches to Feminist Research	
GWST 4333	History of Sexuality in the United States (D)	
or HIST 4333	History of Sexuality in the United States (D)	
GWST 4413	Sex & Gender in the Medieval World	
GWST 4503	Theorizing Men and Masculinities	
GWST 4950	Special Topics in Global Feminism	
GWST 4890	Internship in Gender and Women's Studies	
GWST 4990	Directed Readings in Gender Studies	
AFAM 3950	Special Topics in Africana Studies	
AMST 4553	Gender in America (DH)	
ART 4693	Gender And Visual Culture	
ENGL 3153	Readings in Literature by Women (DH)	
HIST 3443	Gender Relations in Chinese History (H)	
HIST 4413	Sex and Gender in the Medieval World (H)	
HIST 4553	Gender in America (DH)	
HONR 3053	Biology, Race, and Gender: Honors (DH)	
POLS 4693	Gender and Politics	
PSYC 4123	Psychology of Women (DS)	
SOC 4043	Gender and Work (DS)	
SOC 4213	Sociology of Sexualities (S)	
SOC 4643	Sociology of Gender (S)	
SOC 4653	Gender and the Middle East (IS)	
	and other suitable feminist and gender topics courses by petition.	
3 hours from classes in the list above or below that complement gender and women's studies:		3

AMST 3423	American Popular Culture (H)
AMST 3473	Race, Gender, and Ethnicity in American Film (D)
or ENGL 3473	Race, Gender, and Ethnicity in American Film (D)
AMST 3653	The Body in American Culture (DH)
AMST 3823	U.S. as Business Culture (DH)
AMST 3950	Special Topics in American Studies (DH)
ART 4613	Art Since 1960
BIOL 3233	Human Reproduction
CIED 5623	Multicultural and Diversity Issues in Curriculum
EEE 3033	Women and Minority Entrepreneurship
HIST 3683	United States History Since 1945 (DH)
HIST 3913	History of Medicine (H)
HONR 2073	The Story of Lizzie Borden: Axe Murder in American Culture (DH)
MGMT 4213	Managing Diversity in the Workplace (D)
PHIL 3813	American Philosophy (H)
PHIL 3833	Biomedical Ethics (H)
POLS 4963	U.S. Constitution: Civil Rights and Civil Liberties
PSYC 2593	Psychology of Human Sexuality
SOC 4153	Sociology of Health and Illness
SOC 4723	Sociology of Families (S)
TH 3633	Diverse American Drama (DH)
	and other suitable complementary topics courses focused on gender, sexuality, feminism, or intersectionality by petition.
<b>Total Hours</b>	<b>15</b>

### Additional OSU Requirements Undergraduate Minors

- An undergraduate minor must include between fifteen and thirty hours, inclusive of undergraduate coursework.
- A minimum of six credit hours for the minor must be earned in residence at OSU.
- The courses required for a minor may be included in the course requirements for any undergraduate degree or they may be in addition to degree requirements, depending on the overlap between the minor and degree requirements. However, an undergraduate minor must be earned in an academic field other than the student's declared degree option. The minor may not duplicate the degree major or option (for example, a student who earns a BA in Art with an Art History option may earn a minor in Studio Art but not Art History).
- A student generally follows the minor requirements associated with his or her matriculation year or newer requirements that have been established since matriculation. The time limit for following requirements from a given academic year is six years.

For additional information on requirements on minors, click here (<https://adminfinance.okstate.edu/site-files/documents/policies/requirements-for-undergraduate-and-graduate-minors.pdf>).

## Geography

The Department of Geography offers degrees in Global Studies, Geospatial Information Science as well as Geography. If you are seeking a flexible major, want to help solve social and environmental challenges, enjoy traveling, like maps, or are curious about different ways of life, our degree options might be a great fit for you.

Our students share interests in global perspectives and environmental issues, enjoy exploring new places, and want to learn more about making and using maps to inform public policy, for example. Majoring in Geography, Global Studies, or Geospatial Information Science can open doors to a wide variety of career options. Undergraduates also have the opportunity to conduct in research with a faculty mentor, gain work experience through an internship, or participate in a study abroad.

Geography brings together the study of people, the environment, and the interactions between them in order to understand and improve our world.

- Human geographers tend to focus on local, national, and global flows of ideas and practices. They may emphasize the study of migration, voting patterns, travel behavior within cities, or how the use of social media varies from one region to another, for example.
- Physical geographers seek to understand environmental processes that affect air and water quality, biodiversity, or contribute to natural disasters.
- Human-environment geographers work at the intersection of social and natural dynamics to study the climate impacts of human activities, to understand vulnerability to drought or other natural hazards, or to design and plan sustainable cities, for example.
- Through the use of Global Positioning System (GPS) data, drone- and satellite-based imagery, and geographic information systems (GIS), geographers, map, monitor, and analyze environmental change in order to understand how our world is changing, where, and who is affected.
- Geography spans the sciences, social sciences, and humanities. Much of the work that geographers do is inherently interdisciplinary in scope.

Many careers are available to the geography major. Recent graduates have been employed in the public and private sector in jobs involving urban and regional planning, GIS mapping and analysis for oil and gas projects, community development, locational analysis for business and industry, resource planning and management, the Foreign Service, cartography, and teaching. Geography provides an excellent foundation for a career in business, industry, or government.

The department specializes in three areas:

- nature-society dynamics, including resource management;
- cultural and historical geography; and
- geographic information systems, including unmanned aerial systems.

The department also manages Cartography Services, the Center for Applications of Remote Sensing, three GIS labs, a palynology/paleoecology laboratory, field mapping equipment such as Global Positioning System receivers, and an interactive weather analysis system with satellite data feed.

The Department of Geography offers flexible degree options and certificates, including the following:

- BA/BS in Geography (with Business Essentials, Pre-Law, and Pre-Ministry options)
- BA in Global Studies (with Business Essentials, Pre-Law, and Pre-Ministry options)
- BS in Geospatial Information Science
- Certificate in GIS (undergraduate and graduate)
- Certificate in Environmental Studies (undergraduate)

Undergraduates also have the opportunity to participate in an accelerated master's program ("4+1" degree) in which they can earn the BA in Global Studies in four years and the MS in Global Studies in their fifth year. An advanced program leading to the MS and PhD degrees is also available. The department also sponsors students in the interdisciplinary MS and PhD programs in environmental science.

## Global Studies

Global Studies combines the study of world regions with cultural, environmental, economic, political and other facets of globalization and global change. Global studies offers practical and vital knowledge about the world, how it works and why it is changing. Faculty in Geography who teach in the Global Studies program have extensive experience with research, teaching, study abroad, and travel around the world, with specialties in North America, Latin America, Europe, Africa, Australia, Central Asia and the Middle East.

A Global Studies degree prepares students for both international and domestic careers with the federal government and a wide variety of NGOs, charitable organizations, and other agencies involved in different aspects of regional and global development. The ongoing growth and global expansion of Christian missions, many of which originate and are coordinated by Oklahoma-based churches and charities, will benefit from students with a degree in Global Studies. It is also an ideal second major for many other degree programs both within and beyond A&S (e.g. Foreign Languages, Political Science, International Business, International Agriculture). Students with a Global Studies degree can serve the needs of Oklahoma, the nation and the world by joining a workforce of globally-minded people who can easily function in a world that is increasingly interconnected.

## Geospatial Information Science

Driven by technological innovations and an explosion in the availability of spatial information, geospatial technologies including geographic information systems (GIS), the Global Positioning System (GPS) and remote sensing have introduced revolutionary ways to utilize spatial information. The BS degree in geospatial information science (GISci) provides students with a theoretical and applied foundation in the rapidly growing field of GISci. The program is especially relevant to students interested in cultural and natural resource management, agriculture, planning and the environment.

The importance of GISci is underscored by a growing number of jobs emphasizing or entirely focused on the storage, analysis and visualization of geospatial data. A student who earns the BS in Geospatial Information Science at OSU will be well-versed in general GISci knowledge and will have competency utilizing GISci hardware and software for the planning, development and maintenance of spatial and nonspatial databases. Most important, students who complete the BS will have higher order skills involving the analysis of geospatial data and will be capable of communicating findings with larger audiences. Requirements for the proposed BS have been designed to parallel skills needed by GISci professionals. Upon earning the BS, a

student will be proficient in spatial data capture, data representation, spatial data analysis, GISci theory, and GISci project development and implementation. Students can expect to find occupations in a variety of fields in private industry, government, education and agriculture.

Since the early 1990s the OSU Geography Department has distinguished itself in GISci instruction and research. In 1996 the Department launched the state's first Certificate in Geographic Information Systems and in subsequent years has expanded GISci course offerings to address growing student interest and demand. The Department is well-known nationally and internationally for research involving the integration of GISci within farm-level decision-making, for scholarship involving human patterns and processes tied to cultural and historical landscapes and for research involving communications and transportation systems. Faculty in the Department have been highly successful in obtaining extramural support for GISci research and extension activities from organizations ranging from the National Science Foundation to the National Park Service, U.S. Department of State, Oklahoma Historical Society, and Oklahoma Department of Transportation. Faculty in the Department have also worked to improve STEM education in Oklahoma schools through projects such as a \$1.2 million grant from the National Science Foundation that introduced GISci activities in 6th through 12th grade science classrooms. The Department's international outreach efforts tied to geospatial technologies include a training partnership involving faculty and students in Vietnam and a multi-year project aimed at building Iraq's GISci infrastructure.

## Certificate in Environmental Studies (EVST)

The certificate is open to all undergraduate majors and is designed to fit within most four-year degree plans without the need for additional credit hours. The certificate is awarded upon completion of the bachelor's degree and requires the completion of 17 credit hours. Lower-division requirements include one introductory course from the environmental sciences plus a two-hour course on global sustainability. Upper-division requirements include two core courses (Conservation of Natural Resources, American Environmental History), plus two others (six credit hours) from a wide variety of upper-division courses that emphasize human-environment interaction.

Completion of the certificate indicates that a student has developed a knowledge base of environmental science combined with the study of human cultural interactions with the natural world from the perspectives of history, political science, art, psychology, philosophy, literature, economics, and other disciplines. The certificate is ideal for students whose interests span the humanities, social sciences, and natural sciences.

The undergraduate Certificate in Environmental Studies recognizes students who complete their degrees with a notable share of courses emphasizing the study of the natural environment and how societies interact with nature.

## Certificate in Geographic Information Systems (GIS)

The certificate in GIS provides students with broad exposure to principles and applications of GIS. A student who has earned the certificate is well-versed in general GIS theory and has knowledge and/or practical exposure to the following:

1. hardware and software used in GIS and spatial data collection,
2. planning, design, and management of spatial and non-spatial databases,
3. spatial analysis and/or GIS programming, and
4. representation of data in both mapped and tabular form.

Requirements for the certificate are designed to parallel skills needed by GIS professionals. Admission into the certificate program is open to anyone enrolled as an undergraduate student, graduate student or special student at OSU. To receive a certificate in GIS, a student must complete 15 hours of coursework in GIS and related topics and hold a bachelor's or more advanced degree from OSU or an accredited college. Students may work toward the certificate while completing their bachelor's or graduate degree.

For more information about the Department of Geography, its programs or certificates, please visit <https://geog.okstate.edu/> or contact us at 405-744-6250.

## Courses

### GEOG 1022 Climate Change and Humanity (N)

**Description:** Focus on the development of scientific inquiry and critical thinking skills needed to evaluate complex relationships among climate, energy production, and the environment. Students will explore causes and consequences of climate change and consider climate change science from alternative perspectives. Same course as GEOL 1022.

**Credit hours:** 2

**Contact hours:** Lecture: 2 Contact: 2

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Geography

**General Education and other Course Attributes:** Natural Sciences

### GEOG 1113 Introduction to Cultural Geography (IS)

**Description:** Surveys the principles of human geography by exploring the world's diverse patterns of culture and associated cultural landscapes. Examination of global patterns of population; language; religion; ethnic, national, and sexual identities; the development of regions, cities, and industry; food production and environmental change, especially as they are affected by globalization.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Geography

**General Education and other Course Attributes:** International Dimension, Social & Behavioral Sciences

**GEOG 1114 Physical Geography (LN)**

**Description:** Study of the atmosphere, hydrosphere, lithosphere, and biosphere—the major realms that interact to create Earth’s environmental patterns. Human-environmental interactions are emphasized as the environment affecting people and people affecting the environment. The lab rounds out knowledge in course themes through hands on study of maps, GPS, and environmental processes.

**Credit hours:** 4

**Contact hours:** Lecture: 3 Lab: 2 Contact: 5

**Levels:** Undergraduate

**Schedule types:** Lab, Lecture, Combined lecture and lab

**Department/School:** Geography

**General Education and other Course Attributes:** Scientific Investigation, Natural Sciences

**Additional Fees:** Geography Field Trip fee of \$43 applies.

**GEOG 1713 Regions & Nations in Global Context (IS)**

**Description:** A regional approach to the study of human societies and the makeup of nations around the world, with an emphasis on contemporary issues such as climate change, sustainability and other environmental impacts; population and immigration; cultural, religion and language; and economic characteristics such as wealth disparities, poverty and education. This course covers many distinct world regions in each region such as Europe, Latin America, the Middle East and Southeast Asia. Previously offered as GEOG 2253. Same course as GLST 1713.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Geography

**General Education and other Course Attributes:** International Dimension, Social & Behavioral Sciences

**GEOG 2002 Global Sustainability (N)**

**Description:** This course examines questions of sustainability and sustainable development in a global context from environmental, social, and economic perspectives. Emphasis is placed on how different dimensions of sustainability interact, and how those interactions are shaped by regional context in a globalized world. Through discussion of policy and current environmental issues around the world, students will learn to analyze relationships and tradeoffs between humans and their environment. Same course as GLST 2002.

**Credit hours:** 2

**Contact hours:** Lecture: 2 Contact: 2

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Geography

**General Education and other Course Attributes:** Natural Sciences

**GEOG 2103 Global Perspectives (IS)**

**Description:** Introduces students to the cultural, economic, and political aspects of globalization and global issues. Emphasizes the relationship between tradition and change, the interconnectedness of people, places, and institutions, aspects of social and economic development, and the evolving role of technology in creating and sustaining a globalized world. Also introduces students to possible career options. Same course as GLST 2103.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Geography

**General Education and other Course Attributes:** International Dimension, Social & Behavioral Sciences

**GEOG 2344 Digital Tools for Environmental Problem-Solving (LN)**

**Description:** This course provides an introduction to some cool tools for environmental problem-solving. These tools mainly include the Global Positioning System (GPS), geographic information systems (GIS), and remote sensing, also referred to as geospatial technologies. With a combination of lectures and hands-on exercises, students will become familiar with the fundamentals of these cool tools, and their applications in the environment such as in public health, climate change, water resource, food security, disaster assessment and recovery, deforestation.

**Credit hours:** 4

**Contact hours:** Lecture: 3 Lab: 2 Contact: 5

**Levels:** Undergraduate

**Schedule types:** Lab, Lecture, Combined lecture and lab

**Department/School:** Geography

**General Education and other Course Attributes:** Scientific Investigation, Natural Sciences

**GEOG 2890 Honors Experience in Geography**

**Prerequisites:** Honors Program participation and concurrent enrollment in a designated GEOG course.

**Description:** A supplemental Honors experience in Geography to partner concurrently with designated Geography courses (GEOG 1113, 1114, and 1713). This course adds a different intellectual dimension to the designated courses. Offered for variable credit, 1-6 credit hours, maximum of 6 credit hours.

**Credit hours:** 1

**Contact hours:** Lecture: 1 Contact: 1

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Geography

**General Education and other Course Attributes:** Honors Credit

**GEOG 3023 Climatology (N)**

**Description:** A non-quantitative introduction to characteristics and distributions of long-term patterns in the atmosphere. Patterns and associations of temperature, precipitation, pressure and winds. Physical processes, regional climates of Earth, climate change, and applications of climate to agriculture, industry, and other human activities.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Geography

**General Education and other Course Attributes:** Natural Sciences



**GEOG 3033 Meteorology (N)**

**Description:** A non-quantitative introduction to weather. Physical elements that cause and influence the atmosphere over the short term. Energy, moisture, and storms. Interpretation of weather maps and satellite imagery.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Geography

**General Education and other Course Attributes:** Natural Sciences

**GEOG 3053 Introduction to Central Asia Studies (IS)**

**Description:** A comprehensive view of newly-emerged Central Asian states, examining the history, politics, economics, geography, and culture of Azerbaijan, Kazakhstan, Kyrgyzstan, Tajikistan, Turkmenistan and Uzbekistan as reflected in their thoughts, religion, literature, and architecture in the past, and the strategic importance of their natural wealth for the present and future. Same course as GLST 3053, HIST 3053, POLS 3053 & RUSS 3053.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Geography

**General Education and other Course Attributes:** Social & Behavioral Sciences

**GEOG 3063 Economic Meteorology**

**Description:** Economic impact of weather ranging from consumer spending to agriculture and energy commodity markets. Specific weather events, and their associated economic impact, weather and climate forecasting and methods for eliminating weather risk.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Geography

**GEOG 3093 Historical Geography of North America to 1800 (H)**

**Description:** This course is an examination of the cultural geography of colonial North America from the earliest European contact with Native Americans to the end of the 18th Century. The course examines regional patterns of indigenous American Indian settlement, European exploration, trade, colonization. Immigration, impacts upon indigenous societies, and the development of preindustrial economic regions. Students will gain an appreciation of the interactions of various indigenous, European, and African peoples in different environments in the colonial era. Same course as HIST 3093.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Geography

**General Education and other Course Attributes:** Humanities

**GEOG 3123 Urban Geography (S)**

**Description:** This course seeks to explain the evolving pattern of North American cities and their antecedents in terms of the distribution and movement of people and resources as well as the effects of changes in transportation and communication technology. In addition, a careful analysis of the development and internal spatial structure of North American cities will be carried out. Much class time will be spent on discussion of contemporary urban problems such as segregation, unequal investment, and control of urban public space as well as attempts at their solution.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Geography

**General Education and other Course Attributes:** Social & Behavioral Sciences

**GEOG 3133 Political Geography (IS)**

**Description:** Political structures, relationships and geopolitical implications of location, boundaries, culture and the natural environment of nations and states. Global patterns of political behavior, political history, international law and geostrategy.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Geography

**General Education and other Course Attributes:** International Dimension, Social & Behavioral Sciences

**GEOG 3153 Conservation of Natural Resources (S)**

**Description:** A focus on the stewardship and sustainable management of our natural resources. Problems and corrective methods in the conservation of land, water, forests, wildlife, and mineral resources. Key themes include the relationships between human and environmental systems, degraded landscape restoration, environmental policy and compliance, and economic implications of natural resource management.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Geography

**General Education and other Course Attributes:** Social & Behavioral Sciences

**GEOG 3163 Economic Geography (S)**

**Description:** Processes significant to the spatial structure of economic systems. Production, consumption and exchange activities examined in regard to location, distribution, aerial differentiation and spatial interaction patterns. Attention given to processes of change as well as to steady states.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Geography

**General Education and other Course Attributes:** Social & Behavioral Sciences



**GEOG 3173 Cultural Geography (S)**

**Description:** Geographic impact of human cultures. Emphasis on the concepts of social space, density, crowding, territoriality, diffusion, migration, environmental perception and cultural landscape.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Geography

**General Education and other Course Attributes:** Social & Behavioral Sciences

**GEOG 3183 Transportation Geography**

**Description:** Basic concepts and theories of transportation geography, selected transportation models and analysis methods related to spatial interactions, network analysis, allocation, and urban transportation planning.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Geography

**GEOG 3203 Contemporary Issues in Geotechnology**

**Description:** A look at critical issues currently facing the geography and geotech communities. Topics will include data sources, privacy, surveillance, internet censorship, big data, and the spaces and politics of code to discuss the impacts of technology on society.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Geography

**GEOG 3213 Geographies of New Media (H)**

**Description:** An introduction to the geographies of communication and media in the context of recent technological changes. Students will learn how online and offline spaces are created and interact as a result of social media and telecommunications technology. Topics include: geographies of the internet, the digital divide, media culture, video game spaces, and online politics.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Geography

**General Education and other Course Attributes:** Humanities

**GEOG 3243 Legal Geography of Native America, Sovereign Tribal Nations, and Indian Country (DS)**

**Description:** Geographical perspective on the evolution of U.S. federal Indian law and policy through an examination of case and statute law. Examination of tribal sovereignty and jurisdiction over lands in aboriginal title and federal trust, and how land defines indigenous identities and affects tribal-state relations.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Geography

**General Education and other Course Attributes:** Diversity, Social & Behavioral Sciences

**GEOG 3333 Spatial Analysis (A)**

**Prerequisites:** STAT 2013 or STAT 2023 or STAT 2053 or STAT 4013 or STAT 4053.

**Description:** An introductory course in the application of basic statistical methods to spatial problems, including descriptive statistics, probability distributions, point and interval estimation, hypothesis testing, correlation, and simple linear regression. Emphasizes the challenges of working with spatial datasets and choosing appropriate methods of analysis, as well as explicitly spatial methods such as spatial sampling, point and area pattern analysis, and spatial autocorrelation. Provides a foundation for further study in geospatial technologies.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Geography

**General Education and other Course Attributes:** Analytical & Quant Thought

**GEOG 3373 Health and Maps**

**Description:** How does where people live affect their health? How does the infectious disease spread across places? Health geography provides unique and powerful insights for understanding connections between wellness and place. This course will introduce basic concepts and tools of maps, Geographic Information Systems (GIS), and map analysis. It will also demonstrate their application in the context of public health, including infectious disease, environmental health, urban health, health resource accessibility, and more.

**Credit hours:** 3

**Contact hours:** Lecture: 2 Lab: 2 Contact: 4

**Levels:** Undergraduate

**Schedule types:** Lab, Lecture, Combined lecture and lab

**Department/School:** Geography

**GEOG 3703 Geography Of Oklahoma (S)**

**Description:** Introduction to geography's regional approach through an examination of the cultural and environmental patterns of the State of Oklahoma. Systematic examination of physical regions, natural vegetation, wildlife and resource bases. Exploration of diverse Native American communities as well as European ethnic and African American settlement. Focus on evolving agricultural regions and the mineral industries and population dynamics in both rural and urban areas. Emphasis on cultural landscapes and representation of Oklahoma in popular culture.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Geography

**General Education and other Course Attributes:** Social & Behavioral Sciences

**GEOG 3713 Exploring North America and Diversity (DS)**

**Description:** This course presents a regional analysis of the United States and Canada, including physical and cultural landscapes, population and migration trends, regional development, natural resources, and U.S.-Canada relations as well as global relations. In addition, it emphasizes diversity in both countries, with special attention to those geographies of under-represented and minority groups in the U.S. May not be used for degree credit with GLST 3713.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Geography

**General Education and other Course Attributes:** Diversity, Social & Behavioral Sciences

**GEOG 3723 Europe (IS)**

**Description:** This course examines the cultural, economic, and natural diversity of Europe in relation to globalization, climate change, and popular culture. Basic geographic concepts such as migration, region, and culture will be linked to European current events. Students will learn to properly utilize online sources to understand current European issues and their relationship to other countries and regions around the world. May not be used for degree credit with GLST 3723.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Geography

**General Education and other Course Attributes:** International Dimension, Social & Behavioral Sciences

**GEOG 3733 Russia and Its Neighbors (IS)**

**Description:** A regional survey course of Eurasia extending from Central Europe to Western Siberia. Central and Southwest Asia will not be considered in this course. Thematic contemporary issues in the region will be covered, including topics on culture, politics, social issues, economic development, and others. May not be used for degree credit with GLST 3733.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Geography

**General Education and other Course Attributes:** International Dimension, Social & Behavioral Sciences

**GEOG 3743 Latin America (IS)**

**Description:** A regional analysis of physical, cultural and economic features of historic and contemporary Latin America. Key themes include people and environment, development and change, government and conflict, and globalization and social change. Same course as GLST 3743.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Geography

**General Education and other Course Attributes:** International Dimension, Social & Behavioral Sciences

**GEOG 3753 Asia (IS)**

**Description:** A regional survey course of Asia from Pakistan in the west to the Asian littoral in the east, including Japan, Taiwan, and the Philippines. Central and Southwest Asia will not be considered in this course. Regionally, Asia will be approached through examination of two great cultural focal points: India and China. Thematic contemporary issues in Asia will be covered, including topics on culture, politics, social issues, economic development, and others. Same course as GLST 3753.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Geography

**General Education and other Course Attributes:** International Dimension, Social & Behavioral Sciences

**GEOG 3763 Africa (IS)**

**Description:** An exploration of the patterns and impact of population, cultural heritage, and natural resources to build an understanding and experience with Africa. Historic and contemporary relationships between Africa and Western civilization. Key themes include traditions and lifeways, development and change, government and conflict, and people and environment. Same course as GLST 3763.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Geography

**General Education and other Course Attributes:** International Dimension, Social & Behavioral Sciences

**GEOG 3783 The Middle East (IS)**

**Description:** A regional analysis of the Arab, Persian and Turkic lands that builds an understanding and experience with the Middle East. Historic and contemporary patterns highlight both tradition and modernity. Key themes include lifeways and social change, development and globalization, international relations and conflict, and natural resources and environment. Same course as GLST 3783.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Geography

**General Education and other Course Attributes:** International Dimension, Social & Behavioral Sciences

**GEOG 3793 Australia and the Pacific Realm (IS)**

**Description:** Study of Australia, New Zealand, and the island regions of Micronesia, Melanesia, and Polynesia. Course examines the cultural and natural diversity of these regions in relation to globalization, climate change, and popular culture. Course covers enduring cultural traditions, legacies of external involvement, changing livelihoods and landscapes, and the region's role in global affairs. Same course as GLST 3793.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Geography

**General Education and other Course Attributes:** International Dimension, Social & Behavioral Sciences

**GEOG 3910 Applied Geographical Topics**

**Description:** Specialized physical, human, regional, or technical issues and trends in geography. Offered for variable credit, 1-3 credit hours, maximum of 6 credit hours.

**Credit hours:** 1-3

**Contact hours:** Lecture: 1-3 Contact: 1-3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Geography

**GEOG 3990 Geography Teaching Practicum**

**Prerequisites:** Consent of instructor.

**Description:** For outstanding students. Students will work with a faculty instructor and assist in many aspects of teaching including guest lecturing, offering study sessions, office hours, among other duties as determined by instructor. May involve meetings and written papers. Offered for variable credit, 1-6 credit hours, maximum of 6 credit hours.

**Credit hours:** 1-6

**Contact hours:** Contact: 1-6 Other: 1-6

**Levels:** Undergraduate

**Schedule types:** Independent Study

**Department/School:** Geography

**GEOG 4003 Natural Hazards and Society**

**Description:** Explores natural hazards and how humans respond and contribute to these hazards and how humans respond and contribute to these hazards and disasters such as earthquakes, extreme weather events and volcanic eruptions. The course will also examine how hazards impact society, how society deals with disasters, and how we can mitigate the effects of such events.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Geography

**GEOG 4023 Geography of Arid Lands (N)**

**Description:** The course explores the world of deserts and semideserts, which together cover almost a half of the Earth's land surface, and almost a third of North America's. The course focuses on the nature of dryland environments (geology, landform processes, climate, water resources, and ecosystems) and the challenges faced by human communities living in such environments. The course also explores the concepts of drought and the process of desertification around the world. Same course as GEOG 5023.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Geography

**General Education and other Course Attributes:** Natural Sciences

**GEOG 4053 Biogeography**

**Description:** Biogeography is the study of spatial patterns of biological diversity and its causes. Biogeographers synthesize information from a very broad range of fields, including geology, ecology, paleontology, and climatology. This course reviews topics such as the dynamics of biological distributions, speciation, extinction, and dispersals, island biogeography, and applications to species and biodiversity mapping, and the design and management of reserves and other protected natural territories. May not be used for degree credit with GEOG 5053.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Geography

**GEOG 4063 Geoarchaeology and Environmental History**

**Description:** Theoretical and methodological aspects of geoarchaeology, a discipline that aims at recovering field data for reconstructing environment-society relationships of the past. Key themes include climate change and human-induced land transformation as demonstrated through interdisciplinary research in different geomorphic contexts and cultural groups (hunter gatherers, agriculturalists, and urbanites) from around the world. Meets with GEOG 5063. No credit for students with credit in GEOG 5063.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Geography

**GEOG 4073 Climate Change: Past, Present, and Future**

**Description:** Aims at understanding and discussing the mechanisms of global climate change and how they have functioned in our past, in the recent decades and how scientists predict possible changes in the near and distant future. Meets with GEOG 5073. No credit for students with credit in GEOG 5073.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Geography

**GEOG 4083 Geography of Grass-Dominated Ecosystems**

**Description:** This course is an analysis of the nature and distribution of grass-dominated ecosystems (grasslands, savannas, and grassy tundras) around the world with emphasis on 1) co-evolutionary development with climate, herbivore, fire, and humans, 2) the grass-dominated ecosystems around the world, and 3) the challenges faced by these ecosystems in the context of modern global climate change and human development. Meets with GEOG 5083. No credit for students with credit in GEOG 5083.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Geography

**GEOG 4103 Historical Geography of North America since 1800 (H)**

**Description:** Examination of North American development over the 19th Century, with emphasis on the transformation of environments, landscapes and culture regions. Investigation of settlement frontiers, indigenous dispossession, transport integration, resource exploitation, economic specialization, sectional divergence, industrialization, immigration, and urbanization. Same course as HIST 4103.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Geography

**General Education and other Course Attributes:** Humanities

**GEOG 4113 Environment and Development**

**Description:** Focuses on the relationship between people and poverty, environment, and development under different international contexts. The course covers competing theories of environment-development drawing from neoclassical economics and modernization agendas, to criticisms from postcolonial theory and beyond. Special emphasis is placed on diverse voices from the Global South, sustainable development, gender, race and nature, and new social movements. May not be used for degree credit with GEOG 5133.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Geography

**GEOG 4123 Geographical Aspects of Urban Planning**

**Description:** Spatial aspects of urban planning: development of planning theory, various planning tools, and specific problem areas such as urban renewal and urban transportation. May not be used for degree credit with GEOG 5213.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Geography

**GEOG 4143 Geography of Travel and Tourism**

**Description:** A systematic and comprehensive analysis of the geographical dimensions of tourism, illustrating the relevance of a spatial perspective to tourism planning, development, and management. Economic, social, and environmental impact of both domestic and international tourism considered. May not be used for degree credit with GEOG 5143.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Geography

**GEOG 4153 Geography of Outdoor Recreation**

**Description:** Analysis of patterns of outdoor recreation with an emphasis on land-use planning in park and wildland areas. Demand forecasting methods, the analysis of the socioeconomic and spatial impacts of recreation facilities provision and visitor management practices. May not be used for degree credit with GEOG 5153.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Geography

**GEOG 4163 Resource Management in the National Parks**

**Description:** Contemporary resource management issues in U.S. National Park units. The role of human and natural processes in the management of water, air, biotic and cultural resources. No credit for students with credit in GEOG 5163.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Geography

**GEOG 4203 Fundamentals of Geographic Information Systems**

**Description:** Geographic Information Systems (GIS) are pivotal in the analysis and management of geographic data. They are used to link environmental, social, and economic data to locations on earth and explore the relationships, trends, and patterns that emerge. This course introduces the concepts, principles, and theories behind GIS, with emphasis on the nature of geographic information, methods for data collection, data models for storing geographic information, techniques for data input and manipulation, and basic spatial analysis. Previously offered as GEOG 2343. May not be used for degree credit with GEOG 5103.

**Credit hours:** 3

**Contact hours:** Lecture: 2 Lab: 2 Contact: 4

**Levels:** Undergraduate

**Schedule types:** Lab, Lecture, Combined lecture and lab

**Department/School:** Geography

**GEOG 4213 Sport, Place and Society (S)**

**Description:** Spatial analysis of sport; its origin and diffusion, geographical organization and regional variation. Geographical movements and interaction associated with sport. Application of geographical solutions for reorganization and reform. Focus on both U.S. and international scene.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Geography

**General Education and other Course Attributes:** Social & Behavioral Sciences

**GEOG 4223 Geography of Music (H)**

**Description:** Geographical and historical analysis of music as a cultural trait. The cultural significance of music and how it varies from place to place as well as how it helps shape the character of a place.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Geography

**General Education and other Course Attributes:** Humanities

**GEOG 4233 Human Dimensions of Global Environmental Change**

**Description:** Discusses the current global environmental science research agendas called for by the international community, explores the arguments set forth regarding global environmental change, and looks at the current explanations and theories explaining the human dimensions of land-use/cover-change (LUCC). Special emphasis is on alternative, competing visions, and needs of developing countries within the context of economic development and global environmental change. Meets with GEOG 5233. No credit for students with credit in GEOG 5233.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Geography

**GEOG 4263 Geospatial Applications for Unmanned Aerial Systems**

**Prerequisites:** Consent of instructor.

**Description:** Provides theoretical foundation for use of unmanned aerial systems (UAS) to collect geospatial data for analysis. Examines principles of remote sensing, photogrammetry, and GIS relevant to UAS. Enabling technologies (sensors, GPS), data collection procedures, data processing (structure from motion algorithms), data products (point clouds, orthophotos), and appropriate analysis techniques are investigated. Geospatial application areas include terrain modeling, resource management, agriculture, forestry/vegetation, natural disasters, and geomorphology. May not be used for degree credit with GEOG 5263.

**Credit hours:** 3

**Contact hours:** Lecture: 2 Lab: 2 Contact: 4

**Levels:** Undergraduate

**Schedule types:** Lab, Lecture, Combined lecture and lab

**Department/School:** Geography

**GEOG 4273 Land Use Science**

**Description:** Basic understanding of human land use history and changes. Evaluation of land use impacts on environment, climate, and public health. Introduction to land use monitoring and modeling using geospatial technologies. Meet with GEOG 5273. No credit for students with credit in GEOG 5273.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Geography

**GEOG 4303 Applications of the Global Positioning System in Field Research**

**Description:** Theory and applications of the Global Positioning System (GPS), focusing on accuracy issues in field data collection and integration with geographic information systems (GIS). Use of both recreation and mapping grade receivers. May not be used for degree credit with GEOG 5503.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Geography

**GEOG 4313 Field Techniques and Geodata Collection**

**Prerequisites:** Senior standing in GEOG or consent of instructor.

**Description:** Application of the concepts, methods, and field techniques for geographical analysis and research, including data acquisition, manipulation, analysis, and the presentation of results. Capstone course. Field trips.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Geography

**GEOG 4323 Mapping in Modern Society**

**Description:** Thematic mapping and geovisualization of socioeconomic, cultural, and natural resource information. Discussion and application of various map design and layout techniques. Topics include the history of maps their types and usages, the various elements of a map layout, and how maps enable us to communicate spatial information in our modern world.

**Credit hours:** 3

**Contact hours:** Lecture: 2 Lab: 2 Contact: 4

**Levels:** Undergraduate

**Schedule types:** Lab, Lecture, Combined lecture and lab

**Department/School:** Geography

**GEOG 4333 Remote Sensing**

**Description:** Introductory course in remote sensing focusing on digital image processing. Topics include data collection via satellites and unmanned aerial systems (a.k.a. drones), principles of electromagnetic radiation, multispectral, thermal, and light detection and ranging (LIDAR), and field data collection. Discussions focus on environmental applications including: agriculture, natural resource management, climate, geography, and wildlife management. Hands-on exposure to current image processing software. Meets with GEOG 5333. May not be used for degree credit with GEOG 5333.

**Credit hours:** 3

**Contact hours:** Lecture: 2 Lab: 2 Contact: 4

**Levels:** Undergraduate

**Schedule types:** Lab, Lecture, Combined lecture and lab

**Department/School:** Geography

**GEOG 4343 Geographic Information Systems: Resource Management Applications**

**Prerequisites:** GEOG 4203.

**Description:** Provides a theoretical and practical understanding of geographic information systems and its applications in natural resource management. Introduces industry popular GIS software for spatial and aspatial data analysis. Explores specific conditions, requirements, and processing considerations that allow geospatial data to be manipulated for problem solving. Meets with GEOG 5323. No degree credit for students with credit in GEOG 5323.

**Credit hours:** 3

**Contact hours:** Lecture: 2 Lab: 2 Contact: 4

**Levels:** Undergraduate

**Schedule types:** Lab, Lecture, Combined lecture and lab

**Department/School:** Geography



**GEOG 4353 Geographic Information Systems: Socioeconomic Applications****Prerequisites:** GEOG 4203.**Description:** Theory and principles of geographic information systems (GIS) applied to socioeconomic problems, including location-allocation, market area determination, network analysis and analysis of demographic characteristics. May not be used for degree credit with GEOG 5253.**Credit hours:** 3**Contact hours:** Lecture: 2 Lab: 2 Contact: 4**Levels:** Undergraduate**Schedule types:** Lab, Lecture, Combined lecture and lab**Department/School:** Geography**GEOG 4373 Geographic Information Systems in Public Health****Prerequisites:** GEOG 4203.**Description:** Qualitative and quantitative analysis of public health issues from two geographic perspectives: human environment and spatial. Topics include medical geography, disease mapping, spatial data for public health, and basics and applications of spatial statistics, geographic information system and remote sensing. Lectures are combined with case studies and lab illustrations throughout the course.**Credit hours:** 3**Contact hours:** Lecture: 3 Contact: 3**Levels:** Undergraduate**Schedule types:** Lecture**Department/School:** Geography**GEOG 4383 Introduction to GIS Programming****Prerequisites:** GEOG 4203.**Description:** Designed to provide students with an introduction to basic programming concepts and how such concepts specifically apply to GIS and other geographically oriented applications. The course will cover some basic concepts, discuss Python and Model Builder for ArcGIS, KML/KMZ for Google Earth/Maps, and introduce some basic concepts of mobile mapping development in Android. May not be used for degree credit with GEOG 5383.**Credit hours:** 3**Contact hours:** Lecture: 3 Contact: 3**Levels:** Undergraduate**Schedule types:** Lecture**Department/School:** Geography**GEOG 4443 Sustainable Tourism and Geography****Prerequisites:** Junior or senior standing or consent of instructor.**Description:** This course examines sustainable tourism from a cultural and environmental perspective. It discusses concepts and theories of sustainability and tourism, including human rights, environmental justice, and ethics, emphasizing the global environmental and social effects and possibilities of tourism. The course addresses management concepts, sectoral approaches, transport and mobility themes, and emerging issues in the context of sustainability. May not be used for degree credit with GEOG 5443. Same course as GLST 4443 and HRAD 4183.**Credit hours:** 3**Contact hours:** Lecture: 3 Contact: 3**Levels:** Undergraduate**Schedule types:** Lecture**Department/School:** Geography**GEOG 4453 Black Geographies & Memorialization in the Landscape (DH)****Prerequisites:** Junior or senior standing or consent of instructor.**Description:** How and why have African American people sought to memorialize their history in public places? How have Black counterpublics shaped discourse on memorials to African American history? What has this discourse done to the field of landscape and memory studies? To explore these questions, this course is organized around memory in the landscape as it relates to black geographies, including, for example, slavery, the Civil War, civil rights, and the Tulsa Race Massacre in the United States. Approaches may be comparative or transnational. Same course as AMST 4453 and AFAM 4453. May not be used for degree credit with GEOG 5453.**Credit hours:** 3**Contact hours:** Lecture: 3 Contact: 3**Levels:** Undergraduate**Schedule types:** Lecture**Department/School:** Geography**General Education and other Course Attributes:** Diversity, Humanities**GEOG 4510 Senior Project****Prerequisites:** Senior standing and consent of instructor.**Description:** Individually designed projects involving laboratory work, field work, library research or a combination of these. Offered for variable credit, 1-3 credit hours, maximum of 3 credit hours.**Credit hours:** 1-3**Contact hours:** Contact: 1-3 Other: 1-3**Levels:** Undergraduate**Schedule types:** Independent Study**Department/School:** Geography**GEOG 4600 Geography Study Abroad (I)****Description:** Participation in an international experience sponsored by the Department of Geography. Study Abroad courses typically involve the study of a country or region to provide an integrated understanding, through research and personal experience, of relevant cultural, historical, political, economic and environmental issues. Offered for variable credit, 1-3 credit hours, maximum of 12 credit hours.**Credit hours:** 1-3**Contact hours:** Lecture: 1-3 Contact: 1-3**Levels:** Undergraduate**Schedule types:** Lecture**Department/School:** Geography**General Education and other Course Attributes:** International Dimension**GEOG 4663 Web GIS: Trends, Principles, and Applications****Prerequisites:** GEOG 4203.**Description:** Web GIS has immense applicability to business, health, economics, transportation, and more. This course is designed to increase students' knowledge of Web GIS and cutting-edge GIS skills. It introduces basic Web GIS concepts, principles, techniques, including web mapping applications. In addition, this course offers essential web programming skills to build customized online maps. May not be used for degree credit with GEOG 5663.**Credit hours:** 3**Contact hours:** Lecture: 2 Lab: 2 Contact: 4**Levels:** Undergraduate**Schedule types:** Lab, Lecture, Combined lecture and lab**Department/School:** Geography



**GEOG 4910 Topics In Geography****Prerequisites:** Consent of instructor.**Description:** Specialized physical, social and methodological topics in geography. Offered for variable credit, 1-3 credit hours, maximum of 6 credit hours.**Credit hours:** 1-3**Contact hours:** Contact: 1-3 Other: 1-3**Levels:** Undergraduate**Schedule types:** Independent Study**Department/School:** Geography**GEOG 4930 Readings in Geography****Prerequisites:** Consent of instructor.**Description:** Directed readings on selected topics, regions or methods in geography. Offered for variable credit, 1-3 credit hours, maximum of 3 credit hours.**Credit hours:** 1-3**Contact hours:** Contact: 1-3 Other: 1-3**Levels:** Undergraduate**Schedule types:** Independent Study**Department/School:** Geography**GEOG 4940 Undergraduate Cooperative Education Internship****Prerequisites:** Consent of departmental internship coordinator and undergraduate committee.**Description:** Practical experience in applying geographical concepts and tools to business or governmental problems. Emphasis on educational aspects of applying discipline-related tools to real-world problems. Credit not available for regular employment positions; must have fixed start/end dates. Offered for variable credit, 1-3 credit hours, maximum of 3 credit hours.**Credit hours:** 1-3**Contact hours:** Contact: 1-3 Other: 1-3**Levels:** Undergraduate**Schedule types:** Independent Study**Department/School:** Geography**GEOG 4943 Geospatial Information Science Internship/Research Capstone****Description:** Provides an opportunity to apply knowledge accumulated throughout previous geospatial coursework with a structured off-campus internship or on-campus research capstone. Practical, applied geospatial experience is gained by working with an internship supervisor at a public or private entity in consultation with an affiliated geography faculty member. Alternatively, research-oriented experience is gained through direct collaboration with an affiliated geography faculty member. For both options, student duties may include field-based data collection, data processing, computer programming, spatial analysis/modeling, map and graphics production, oral presentation, and/or writing.**Credit hours:** 3**Contact hours:** Contact: 3 Other: 3**Levels:** Undergraduate**Schedule types:** Independent Study**Department/School:** Geography**GEOG 4993 Senior Honors Thesis****Prerequisites:** Departmental invitation, senior standing, Honors Program participation.**Description:** A guided reading and research program ending with an honors thesis under the direction of a senior faculty member, with second faculty reader, both of whom will be present at an oral defense of the thesis. Required for graduation with honors in geography.**Credit hours:** 3**Contact hours:** Contact: 3 Other: 3**Levels:** Undergraduate**Schedule types:** Independent Study**Department/School:** Geography**General Education and other Course Attributes:** Honors Credit**GEOG 5000 Thesis****Prerequisites:** Consent of adviser or major professor.**Description:** Open only to students working on the master's degree in geography. Offered for variable credit, 1-6 credit hours, maximum of 6 credit hours.**Credit hours:** 1-6**Contact hours:** Contact: 1-6 Other: 1-6**Levels:** Graduate**Schedule types:** Independent Study**Department/School:** Geography**GEOG 5001 Professional Development in Geography****Description:** Introduction and orientation to the graduate program in the Department of Geography.**Credit hours:** 1**Contact hours:** Lecture: 1 Contact: 1**Levels:** Graduate**Schedule types:** Lecture**Department/School:** Geography**GEOG 5023 Geography of Arid Lands****Description:** The course explores the world of deserts and semi-deserts, which together cover almost a half of the Earth's land surface, and almost a third of North America's. The course focuses on the nature of dryland environments (geology, landform processes, climate, water resources, and ecosystems) and the challenges faced by human communities living in such environments. The course also explores the concepts of drought and the process of desertification around the world. Same course as GEOG 4023.**Credit hours:** 3**Contact hours:** Lecture: 3 Contact: 3**Levels:** Graduate**Schedule types:** Lecture**Department/School:** Geography**GEOG 5053 Biogeography****Description:** Biogeography is the study of spatial patterns of biological diversity and its causes. Biogeographers synthesize information from a very broad range of fields, including geology, ecology, paleontology, and climatology. This course reviews topics such as the dynamics of biological distributions, speciation, extinction, and dispersals, island biogeography, and applications to species and biodiversity mapping, and the design and management of reserves and other protected natural territories. May not be used for degree credit with GEOG 4053.**Credit hours:** 3**Contact hours:** Lecture: 3 Contact: 3**Levels:** Graduate**Schedule types:** Lecture**Department/School:** Geography

**GEOG 5063 Geoarchaeology and Environmental History**

**Description:** Theoretical and methodological aspects of geoarchaeology, a discipline that aims at recovering field data for reconstructing environment-society relationships of the past. Key themes include climate change and human-induced land transformation as demonstrated through interdisciplinary research in different geomorphic contexts and cultural groups (hunter gatherers, agriculturalists, and urbanites) from around the world. Meets with GEOG 4063. No credit for students with credit in GEOG 4063.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Graduate

**Schedule types:** Lecture

**Department/School:** Geography

**GEOG 5073 Climate Change: Past, Present and Future**

**Description:** Aims at understanding and discussing the mechanisms of global climate change and how they have functioned in our past, in the recent decades and how scientists predict possible changes in the near and distant future. Meets with GEOG 4073. No credit for students with credit in GEOG 4073.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Graduate

**Schedule types:** Lecture

**Department/School:** Geography

**GEOG 5083 Geography of Grass-Dominated Ecosystems**

**Description:** This course is an analysis of the nature and distribution of grass-dominated ecosystems (grasslands, savannas, and grassy tundras) around the world with emphasis on 1) co-evolutionary development with climate, herbivore, fire, and humans, 2) the grass-dominated ecosystems around the world, and 3) the challenges faced by these ecosystems in the context of modern global climate change and human development. Meets with GEOG 4083. No credit for students with credit in GEOG 4083.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Graduate

**Schedule types:** Lecture

**Department/School:** Geography

**GEOG 5103 Fundamentals of Geographic Information Systems**

**Description:** Geographic Information Systems (GIS) are pivotal in the analysis and management of geographic data. They are used to link environmental, social, and economic data to locations on earth and explore the relationships, trends, and patterns that emerge. This course introduces the concepts, principles, and theories behind GIS, with emphasis on the nature of geographic information, methods for data collection, data models for storing geographic information, techniques for data input and manipulation, and basic spatial analysis. May not be used for degree credit with GEOG 4203.

**Credit hours:** 3

**Contact hours:** Lecture: 2 Lab: 2 Contact: 4

**Levels:** Graduate

**Schedule types:** Lab, Lecture, Combined lecture and lab

**Department/School:** Geography

**GEOG 5113 Landscape Ecology**

**Prerequisites:** Graduate standing and BIOL 3034 or consent of instructor.

**Description:** Principles of landscape ecology, including structure and function of landscape elements such as patch, corridor, boundary, and matrix. Role of geographic processes, climate, biota, disturbance, and human influences in landscape structure and function. Interaction among landscape elements and role of landscape structure in ecosystem and landscape dynamics. Applications of landscape ecology to biodiversity conservation, wildlife management, and landscape planning. Survey of quantitative methods used in landscape ecology.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Graduate

**Schedule types:** Lecture

**Department/School:** Geography

**GEOG 5123 International Resource Management**

**Prerequisites:** Graduate standing.

**Description:** Spatial perspectives on the assessment and management of natural resources. The role of resources in world trade, security and international environmental concerns.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Graduate

**Schedule types:** Lecture

**Department/School:** Geography

**GEOG 5133 Environment and Development**

**Description:** Focuses on the relationship between people and poverty, environment, and development under different international contexts. The course covers competing theories of environment-development drawing from neoclassical economics and modernization agendas, to criticisms from postcolonial theory and beyond. Special emphasis is placed on diverse voices from the Global South, sustainable development, gender, race and nature, and new social movements. May not be used for degree credit with GEOG 4113.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Graduate

**Schedule types:** Lecture

**Department/School:** Geography

**GEOG 5140 Seminar in Cultural Geography**

**Prerequisites:** Graduate standing in geography or consent of the instructor.

**Description:** A study of the methodological and theoretical development of cultural geography, one of geography's major subdisciplines. Course is structured around the social and political implications of ways of seeing, and what these have meant for encountering and understanding cultural difference. Emphasis on reading the cultural landscape and interrogating how the landscape reinforces certain ideologies, values, and aesthetics. Critical analysis of geographical representations found in place images, popular culture, and art in relation to social power, race, gender, and identity. Offered for variable credit, 1-3 credit hours, maximum of 9 credit hours.

**Credit hours:** 1-3

**Contact hours:** Contact: 1-3 Other: 1-3

**Levels:** Graduate

**Schedule types:** Independent Study

**Department/School:** Geography

**GEOG 5143 Geography of Travel and Tourism**

**Description:** A systematic and comprehensive analysis of the geographical dimensions of tourism, illustrating the relevance of a spatial perspective to tourism planning, development, and management. Economic, social, and environmental impact of both domestic and international tourism considered. May not be used for degree credit with GEOG 4143.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Graduate

**Schedule types:** Lecture

**Department/School:** Geography

**GEOG 5150 Geography of Sport, Recreation and Leisure Seminar**

**Description:** This seminar is comprised of an advanced analysis of one or more topics in Sport Geography. The topics can include both cultural and economic issues in the spatial distribution of sport, or any other spatial aspect of the play, diffusion, or impact of sport. The seminar will also focus on student research activities on specific topics to sport geography. Offered for variable credit, 1-3 credit hours, maximum of 3 credit hours.

**Credit hours:** 1-3

**Contact hours:** Lecture: 1-3 Contact: 1-3

**Levels:** Graduate

**Schedule types:** Lecture

**Department/School:** Geography

**GEOG 5153 Geography of Outdoor Recreation**

**Description:** Analysis of patterns of outdoor recreation with an emphasis on land-use planning in park and wildland areas. Demand forecasting methods, the analysis of the socioeconomic and spatial impacts of recreation facilities provision and visitor management practices. May not be used for degree credit with GEOG 4153.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Graduate

**Schedule types:** Lecture

**Department/School:** Geography

**GEOG 5163 Resource Management in the National Parks**

**Description:** Contemporary resource management issues in U.S. National Park units. Focus on the role of human and natural processes in the management of water, air, biotic and cultural resources. No credit for students with credit in GEOG 4163.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Graduate

**Schedule types:** Lecture

**Department/School:** Geography

**GEOG 5183 Topics in Transportation Geography**

**Description:** Examination of a selected set of advanced topics in transportation geography, including network analysis, facility location problems, intelligent transportation systems and geographic information systems and logistics.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Graduate

**Schedule types:** Lecture

**Department/School:** Geography

**GEOG 5213 Geographical Aspects of Urban Planning**

**Description:** Spatial aspects of urban planning: development of planning theory, various planning tools, and specific problem areas such as urban renewal and urban transportation. May not be used for degree credit with GEOG 4123.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Graduate

**Schedule types:** Lecture

**Department/School:** Geography

**GEOG 5233 Human Dimensions of Global Environmental Change**

**Description:** Discusses the current global environmental science research agendas called for by the international community, explores the arguments set forth regarding global environmental change, and looks at the current explanations and theories explaining the human dimensions of land-use/cover-change (LUCC). Special emphasis is on alternative, competing visions, and needs of developing countries within the context of economic development and global environmental change. Meets with GEOG 4233. No credit for students with credit in GEOG 4233.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Graduate

**Schedule types:** Lecture

**Department/School:** Geography

**GEOG 5243 Geography of the World's Indigenous Peoples**

**Prerequisites:** Graduate standing and consent of instructor.

**Description:** A regional survey of indigenous assertions of cultural, political and economic self-determination outside the United States. Native land claims, impact of regional development and environmental issues upon indigenous communities, and their efforts to establish geopolitical autonomy.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Graduate

**Schedule types:** Lecture

**Department/School:** Geography

**GEOG 5253 Geographic Information Systems: Socioeconomic Applications**

**Prerequisites:** GEOG 4203.

**Description:** Theory and principles of geographic information systems (GIS) applied to socioeconomic problems, including location-allocation, market area determination, network analysis and analysis of demographic characteristics. May not be used for degree credit with GEOG 4353.

**Credit hours:** 3

**Contact hours:** Lecture: 2 Lab: 2 Contact: 4

**Levels:** Graduate

**Schedule types:** Lab, Lecture, Combined lecture and lab

**Department/School:** Geography

**GEOG 5263 Geospatial Applications for Unmanned Aerial Systems****Prerequisites:** Consent of instructor.**Description:** Provides theoretical foundation for use of unmanned aerial systems (UAS) to collect geospatial data for analysis. Examines principles of remote sensing, photogrammetry, and GIS relevant to UAS. Enabling technologies (sensors, GPS), data collection procedures, data processing (Structure from Motion algorithms), data products (point clouds, orthophotos), and appropriate analysis techniques are investigated. Geospatial application areas include terrain modeling, resource management, agriculture, forestry/vegetation, natural disasters, and geomorphology. May not be used for degree credit with GEOG 4263.**Credit hours:** 3**Contact hours:** Lecture: 2 Lab: 2 Contact: 4**Levels:** Graduate**Schedule types:** Lab, Lecture, Combined lecture and lab**Department/School:** Geography**GEOG 5273 Land Use Science****Description:** Basic understanding of human land use history and changes. Evaluation of land use impacts on environment, climate, and public health. Introduction to land use monitoring and modeling using geospatial technologies. Meets with GEOG 4273. No credit for students with credit in GEOG 4273.**Credit hours:** 3**Contact hours:** Lecture: 3 Contact: 3**Levels:** Graduate**Schedule types:** Lecture**Department/School:** Geography**GEOG 5303 Geographic Analysis I****Prerequisites:** One course in statistics.**Description:** An intermediate course in the application of statistical methods to spatial problems. Focuses on multivariate methods (e.g. multiple regression, factor and cluster analysis) and their use in geographic settings and with spatial datasets. Includes introductory spatial regression, methods for detecting spatial clusters (spatial autocorrelation), and the importance of exploratory spatial data analysis (ESDA) in geographic research. Course previously offered as GEOG 5313.**Credit hours:** 3**Contact hours:** Lecture: 3 Contact: 3**Levels:** Graduate**Schedule types:** Lecture**Department/School:** Geography**GEOG 5323 Geographic Information Systems: Resource Management Applications****Prerequisites:** GEOG 4203 or instructor permission.**Description:** Provides a theoretical and practical understanding of geographic information systems and its applications in natural resource management. Introduces industry popular GIS software for spatial and aspatial data analysis. Explores specific conditions, requirements, and processing considerations that allow geospatial data to be manipulated for problem solving. Meets with GEOG 4343. No degree credit for students with credit in GEOG 4343.**Credit hours:** 3**Contact hours:** Lecture: 2 Lab: 2 Contact: 4**Levels:** Graduate**Schedule types:** Lab, Lecture, Combined lecture and lab**Department/School:** Geography**GEOG 5333 Remote Sensing****Description:** Introductory course in remote sensing focusing on digital image processing. Topics include data collection via satellites and unmanned aerial systems (a.k.a. drones), principles of electromagnetic radiation, multispectral, thermal, and light detection and ranging (LIDAR), and field data collection. Discussions focus on environmental applications including: agriculture, natural resource management, climate, geography, and wildlife management. Hands-on exposure to current image processing software. Meets with GEOG 4333. May not be used for degree credit with GEOG 4333.**Credit hours:** 3**Contact hours:** Lecture: 2 Lab: 2 Contact: 4**Levels:** Graduate**Schedule types:** Lab, Lecture, Combined lecture and lab**Department/School:** Geography**GEOG 5343 Advanced Geographic Information Systems: Resource Management Applications****Prerequisites:** GEOG 4343 or GEOG 5323.**Description:** Advanced theory and applications of geographic information systems (GIS) applied to resource management problems using both raster and vector data structures. Individual projects, presentations and group discussion sessions.**Credit hours:** 3**Contact hours:** Lecture: 3 Contact: 3**Levels:** Graduate**Schedule types:** Lecture**Department/School:** Geography**GEOG 5353 Advanced Geographic Information Systems: Socioeconomic Applications****Prerequisites:** GEOG 4353 or GEOG 5253.**Description:** Advanced theory and applications of geographic information systems (GIS) applied to socioeconomic problems including location allocation, market area determination, network analysis, and analysis of demographic characteristics. Individual projects, presentations and group discussion sessions.**Credit hours:** 3**Contact hours:** Lecture: 3 Contact: 3**Levels:** Graduate**Schedule types:** Lecture**Department/School:** Geography**GEOG 5363 Enterprise Geographic Information Systems****Prerequisites:** GEOG 4353 or equivalent.**Description:** Basic setup and creation of online geodatabases and Internet mapping services as would be used in a large scale GIS operation or enterprise. Geodatabase design and Internet mapservice Web site development.**Credit hours:** 3**Contact hours:** Lecture: 3 Contact: 3**Levels:** Graduate**Schedule types:** Lecture**Department/School:** Geography

**GEOG 5373 Geographic Information Systems in Public Health****Prerequisites:** GEOG 4203 or instructor permission.**Description:** This course introduces the applications of GIS and spatial analysis in exploring and analyzing geospatial health datasets. The course focuses on preparing, organizing, and mapping health datasets, detecting disease clusters, measuring and optimizing health services, and applying spatial statistical models to various public health applications, such as infectious disease, environmental health, health service access, and health disparities. Students will learn how to acquire spatial data, visualize geographic trends, and formulate hypotheses for health applications. May not be used for degree credit with GEOG 4373.**Credit hours:** 3**Contact hours:** Lecture: 2 Lab: 2 Contact: 4**Levels:** Graduate**Schedule types:** Lab, Lecture, Combined lecture and lab**Department/School:** Geography**GEOG 5383 Introduction to GIS Programming****Prerequisites:** GEOG 4203 or GEOG 5103.**Description:** Designed to provide students with an introduction to basic programming concepts and how such concepts specifically apply to GIS and other geographically oriented applications. The course will cover some basic concepts, discuss Python and Model Builder for ArcGIS, KML/KMZ for Google Earth/Maps, and introduce some basic concepts of mobile mapping development in Android. May not be used for degree credit with GEOG 4383.**Credit hours:** 3**Contact hours:** Lecture: 3 Contact: 3**Levels:** Graduate**Schedule types:** Lecture**Department/School:** Geography**GEOG 5393 Remote Sensing of Water Resources****Prerequisites:** GEOG 2323 or GEOG 4333.**Description:** Advanced theories and techniques of remote sensing applied to various issues in water resources management. Sensor characteristics, theoretical algorithms, digital image processing, and field methods to extract information of multiple aspects valuable for both hydrological modeling and decision-making. Advantages and limitations of remote sensing compared to traditional methods will be explored.**Credit hours:** 3**Contact hours:** Lecture: 3 Contact: 3**Levels:** Graduate**Schedule types:** Lecture**Department/School:** Geography**GEOG 5403 Current Geographic Research****Prerequisites:** Graduate standing in geography or consent of instructor.**Description:** Representative survey of current research across the discipline of modern Geography so as to broaden perspectives and appreciation of Geography's breadth and impact. Emphasis on the discipline's major affinity groups, their notable institutions and individuals, and their impact toward the greater good. Exercises familiarize students with the process of developing a thesis or dissertation proposal, from determining an area of emphasis, identifying a research problem, conducting a literature review, and developing and defending a thesis or dissertation proposal.**Credit hours:** 3**Contact hours:** Lecture: 3 Contact: 3**Levels:** Graduate**Schedule types:** Lecture**Department/School:** Geography**GEOG 5413 History and Philosophy of Geography****Prerequisites:** Graduate standing in geography or consent of the instructor.**Description:** Study of the making of geography as an academic discipline, and the evolution of geographic thought and practice. A critical inquiry into the production of geographic knowledge as it has changed over time and in relation to developments in science and society. Discussions examine significant theoretical and methodological "turns" and explore the influences of key individuals, institutions, and major debates.**Credit hours:** 3**Contact hours:** Lecture: 3 Contact: 3**Levels:** Graduate**Schedule types:** Lecture**Department/School:** Geography**GEOG 5423 Geographic Renderings in Qualitative Methods****Prerequisites:** SCFD 5913 or SCFD 6123 or SOC 5273 or consent of instructor.**Description:** Seminar engages with geographic facets in qualitative research and provides students with experience in collecting and working with qualitative data. Students explore avenues of qualitative inquiry in cross-cultural, community participation, and storytelling/testimonial/oral history/life history, and ethnographic research with special consideration to space, place, scale, context, body, and senses. Course addresses issues involved with analysis, interpretation, and "writing-up" research.**Credit hours:** 3**Contact hours:** Lecture: 3 Contact: 3**Levels:** Graduate**Schedule types:** Lecture**Department/School:** Geography**GEOG 5443 Sustainable Tourism and Geography****Prerequisites:** Junior or senior standing or consent of instructor.**Description:** This course examines sustainable tourism from a cultural and environmental perspective. It discusses concepts and theories of sustainability and tourism, including human rights, environmental justice, and ethics, emphasizing the global environmental and social effects and possibilities of tourism. The course addresses management concepts, sectoral approaches, transport and mobility themes, and emerging issues in the context of sustainability. May not be used for degree credit with GEOG 4443.**Credit hours:** 3**Contact hours:** Lecture: 3 Contact: 3**Levels:** Graduate**Schedule types:** Lecture**Department/School:** Geography**GEOG 5450 Seminar in Geography****Prerequisites:** Graduate standing in geography or consent of instructor.**Description:** Specialized topics in Geography. Offered for variable credit, 1-6 credit hours, maximum of 6 credit hours.**Credit hours:** 1-6**Contact hours:** Contact: 1-6 Other: 1-6**Levels:** Graduate**Schedule types:** Independent Study**Department/School:** Geography



**GEOG 5453 Black Geographies & Memorialization in the Landscape**

**Description:** How and why have African American people sought to memorialize their history in public places? How have Black counterpublics shaped discourse on memorials to African American history? What has this discourse done to the field of landscape and memory studies? To explore these questions, this course is organized around memory in the landscape as it relates to black geographies, including, for example, slavery, the Civil War, civil rights, and the Tulsa Race Massacre in the United States. Approaches may be comparative or transnational. May not be used for degree credit with AFAM 4453, AMST 4453, or GEOG 4453.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Graduate

**Schedule types:** Lecture

**Department/School:** Geography

**GEOG 5503 Applications of the Global Positioning System in Field Research**

**Description:** Theory and applications of the Global Positioning System (GPS), focusing on accuracy issues in field data collection and integration with geographic information systems (GIS). Use of both recreation and mapping grade receivers. May not be used for degree credit with GEOG 4303.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Graduate

**Schedule types:** Lecture

**Department/School:** Geography

**GEOG 5510 Research Problems in Geography**

**Prerequisites:** Consent of instructor.

**Description:** Offered for variable credit, 1-3 credit hours, maximum of 6 credit hours.

**Credit hours:** 1-3

**Contact hours:** Contact: 1-3 Other: 1-3

**Levels:** Graduate

**Schedule types:** Independent Study

**Department/School:** Geography

**GEOG 5663 Web GIS: Trends, Principles, and Applications**

**Prerequisites:** GEOG 4203 or instructor permission.

**Description:** Web GIS has immense applicability to business, health, economics, transportation, and more. This course is designed to increase students' knowledge of Web GIS and cutting-edge GIS skills. It introduces basic Web GIS concepts, principles, techniques, including web mapping applications. In addition, this course offers essential web programming skills to build customized online maps. May not be used for degree credit with GEOG 4663.

**Credit hours:** 3

**Contact hours:** Lecture: 2 Lab: 2 Contact: 4

**Levels:** Graduate

**Schedule types:** Lab, Lecture, Combined lecture and lab

**Department/School:** Geography

**GEOG 5700 Geography Study Abroad**

**Description:** Participation in an international experience sponsored by the Department of Geography. Study Abroad courses typically involve the study of a country or region to provide an integrated understanding, through research and personal experience, of relevant cultural, historical, political, economic, and environmental issues. Offered for variable credit, 1-3 credit hours, maximum of 6 credit hours.

**Credit hours:** 1-3

**Contact hours:** Lecture: 1-3 Contact: 1-3

**Levels:** Graduate

**Schedule types:** Lecture

**Department/School:** Geography

**GEOG 5930 Readings in Geography**

**Prerequisites:** Consent of instructor.

**Description:** Directed readings on selected topics, regions or methods in geography. Offered for variable credit, 1-3 credit hours, maximum of 6 credit hours.

**Credit hours:** 1-3

**Contact hours:** Contact: 1-3 Other: 1-3

**Levels:** Graduate

**Schedule types:** Independent Study

**Department/School:** Geography

**GEOG 5940 Graduate Cooperative Education Internship**

**Prerequisites:** Consent of departmental internship coordinator and graduate committee.

**Description:** Practical experience in applying geographical concepts and tools to business or governmental problems. Emphasis on educational aspects of applying discipline-related tools to real-world problems. Credit not available for regular employment positions; must have fixed start/end dates. Offered for variable credit, 1-3 credit hours, maximum of 3 credit hours.

**Credit hours:** 1-3

**Contact hours:** Contact: 1-3 Other: 1-3

**Levels:** Graduate

**Schedule types:** Independent Study

**Department/School:** Geography

**GEOG 6000 Doctoral Dissertation Research**

**Prerequisites:** Admission to candidacy and consent of major professor.

**Description:** Offered for variable credit, 1-12 credit hours, maximum of 30 credit hours.

**Credit hours:** 1-12

**Contact hours:** Contact: 1-12 Other: 1-12

**Levels:** Graduate

**Schedule types:** Independent Study

**Department/School:** Geography

**GEOG 6013 Seminar in Quaternary Paleoecology**

**Prerequisites:** Graduate standing in geography or consent of instructor.

**Description:** Analysis and discussion of various aspects of research on the Quaternary period, emphasizing the roles played by climate, geomorphic processes, vegetation, soil and fauna.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Graduate

**Schedule types:** Lecture

**Department/School:** Geography



**GEOG 6110 Seminar in Cultural and Political Ecology**

**Prerequisites:** Graduate standing in geography or consent of instructor.

**Description:** Study of the relationship between culture and environment and competing theories of human-environment interactions. Traces the roots of cultural ecology starting with classic ecological systems and adaptation theory, to criticisms leading to the development of "political" and "hybrid" ecologies. Course focuses on Marxist influences, inequalities of third world development, gender and resource management, social and environmental movements, indigenous knowledge, natural disasters and environmental vulnerability. Offered for fixed credit, 3 credit hours.

**Credit hours:** 3

**Contact hours:** Contact: 3 Other: 3

**Levels:** Graduate

**Schedule types:** Independent Study

**Department/School:** Geography

**GEOG 6120 Seminar in Urban Geography**

**Prerequisites:** Graduate standing in geography or consent of instructor.

**Description:** Analysis of research on urban systems, internal morphology, urban problems and urban spatial behavior. Review and analysis of student research efforts. Offered for fixed credit, 3 credit hours, maximum of 6 credit hours.

**Credit hours:** 3

**Contact hours:** Contact: 3 Other: 3

**Levels:** Graduate

**Schedule types:** Independent Study

**Department/School:** Geography

**GEOG 6130 Seminar in Political Geography**

**Prerequisites:** Graduate standing in geography or consent of instructor.

**Description:** Theoretical foundations of political geography from MacKinder and Hartshorne to recent writings by Smith, Anderson and other modern theorists. Nationalism, national identity, state formation and cohesion considered in a spatial context. Offered for fixed credit, 3 credit hours.

**Credit hours:** 3

**Contact hours:** Contact: 3 Other: 3

**Levels:** Graduate

**Schedule types:** Independent Study

**Department/School:** Geography

**GEOG 6180 Seminar in Transportation Geography**

**Prerequisites:** Graduate standing.

**Description:** Examination of transportation systems, emphasizing their effects on trade, land use, location issues, and development. Review of trends, problems, and methods related to transport issues. Offered for fixed credit, 3 credit hours.

**Credit hours:** 3

**Contact hours:** Contact: 3 Other: 3

**Levels:** Graduate

**Schedule types:** Independent Study

**Department/School:** Geography

**GEOG 6210 Seminar in Historical Geography**

**Prerequisites:** Graduate standing.

**Description:** This seminar explores historical geographic research concerning places and environments, the dynamics of place, space, and landscape as well as how the past shapes the geographies of the present and the future. It considers methodological practices and theoretical understandings associated with historical geographic scholarship.

Offered for fixed credit, 3 credit hours.

**Credit hours:** 3

**Contact hours:** Contact: 3 Other: 3

**Levels:** Graduate

**Schedule types:** Independent Study

**Department/School:** Geography

**GEOG 6303 Geographic Analysis II**

**Prerequisites:** GEOG 5303.

**Description:** An advanced course in the application of statistical methods to spatial problems. Focuses on univariate and bivariate spatial autocorrelation, geographically weighted regression (GWR), spatial weighting, and visualization of geostatistical data. Heavy emphasis on current research in geospatial techniques and student research.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Graduate

**Schedule types:** Lecture

**Department/School:** Geography

**GEOG 6313 Mixed Methods in Field Research**

**Prerequisites:** Graduate standing in geography or consent of instructor.

**Description:** This course will expose students to a variety of qualitative and quantitative techniques useful in successfully designing and completing field research. Special focus will include research and survey design, interviewing, ethnography, and visual techniques such as the use of imagery, photography, sketch mapping, and Global Positioning Systems (GPS) for the collection and analysis of geospatial data. Required field trips.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Graduate

**Schedule types:** Lecture

**Department/School:** Geography

**GEOG 6333 Advanced Remote Sensing**

**Prerequisites:** GEOG 4333 or GEOG 5333.

**Description:** Provides in-depth theoretical exploration of advanced remote sensing and image analysis techniques. Special topics include advanced classifications, hyperspectral imagery, and LiDAR. Specific issues surrounding data capture, image processing, and analysis will be discussed to prepare students for semester-long research projects.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Graduate

**Schedule types:** Lecture

**Department/School:** Geography

**GEOG 6910 Topics in Geography****Prerequisites:** Consent of instructor.**Description:** Specialized physical, social and methodological topics in geography. Offered for variable credit, 1-3 credit hours, maximum of 6 credit hours.**Credit hours:** 1-3**Contact hours:** Contact: 1-3 Other: 1-3**Levels:** Graduate**Schedule types:** Independent Study**Department/School:** Geography**GEOG 6930 Readings in Geography****Prerequisites:** Consent of instructor.**Description:** Directed readings on selected topics, regions or methods in geography. Offered for variable credit, 1-3 credit hours, maximum of 6 credit hours.**Credit hours:** 1-3**Contact hours:** Contact: 1-3 Other: 1-3**Levels:** Graduate**Schedule types:** Independent Study**Department/School:** Geography**GLST 1713 Regions & Nations in Global Context (IS)****Description:** A regional approach to the study of human societies and the makeup of nations around the world, with an emphasis on contemporary issues such as climate change, sustainability and other environmental impacts; population and immigration; culture, religion and language; and economic characteristics such as wealth disparities, poverty and education. This course covers many distinct world regions such as Europe, Latin America, the Middle East and Southeast Asia. Same course as GEOG 1713.**Credit hours:** 3**Contact hours:** Lecture: 3 Contact: 3**Levels:** Undergraduate**Schedule types:** Lecture**Department/School:** Geography**General Education and other Course Attributes:** International Dimension, Social & Behavioral Sciences**GLST 2002 Global Sustainability (N)****Description:** This course examines questions of sustainability and sustainable development in a global context from environmental, social, and economic perspectives. Emphasis is placed on how different dimensions of sustainability interact, and how those interactions are shaped by regional context in a globalized world. Through discussion of policy and current environmental issues around the world, students will learn to analyze relationships and tradeoffs between humans and their environment. Same course as GEOG 2002.**Credit hours:** 2**Contact hours:** Lecture: 2 Contact: 2**Levels:** Undergraduate**Schedule types:** Lecture**Department/School:** Geography**General Education and other Course Attributes:** Natural Sciences**GLST 2103 Global Perspectives (IS)****Description:** Introduces students to the cultural, economic, and political aspects of globalization and global issues. Emphasizes the relationship between tradition and change, the interconnectedness of people, places, and institutions, aspects of social and economic development, and the evolving role of technology in creating and sustaining a globalized world. Also introduces students to possible career options. Same course as GEOG 2103.**Credit hours:** 3**Contact hours:** Lecture: 3 Contact: 3**Levels:** Undergraduate**Schedule types:** Lecture**Department/School:** Geography**General Education and other Course Attributes:** International Dimension, Social & Behavioral Sciences**GLST 3053 Introduction to Central Asia Studies****Description:** A comprehensive view of newly-emerged Central Asian states, examining the history, politics, economics, geography, and culture of Azerbaijan, Kazakhstan, Kyrgyzstan, Tajikistan, Turkmenistan, and Uzbekistan as reflected in their thoughts, religion, literature, and architecture in the past, and the strategic importance of their natural wealth for the present and future. Same course as GEOG 3053, HIST 3053, POLS 3053, and RUSS 3053.**Credit hours:** 3**Contact hours:** Lecture: 3 Contact: 3**Levels:** Undergraduate**Schedule types:** Lecture**Department/School:** Geography**General Education and other Course Attributes:** International Dimension, Social & Behavioral Sciences**GLST 3713 Exploring North America and Diversity (DS)****Description:** This course presents a regional analysis of the United States and Canada, including physical and cultural landscapes, population and migration trends, regional development, natural resources, and U.S.-Canada relations as well as global relations. In addition, it emphasizes diversity in both countries, with special attention to those geographies of under-represented and minority groups in the U.S. Same course as GEOG 3713.**Credit hours:** 3**Contact hours:** Lecture: 3 Contact: 3**Levels:** Undergraduate**Schedule types:** Lecture**Department/School:** Geography**General Education and other Course Attributes:** Diversity, Social & Behavioral Sciences**GLST 3723 Europe (IS)****Description:** This course examines the cultural, economic, and natural diversity of Europe in relation to globalization, climate change, and popular culture. Basic geographic concepts such as migration, region, and culture will be linked to European current events. Students will learn to properly utilize online sources to understand current European issues and their relationship to other countries and regions around the world. Same course as GEOG 3723.**Credit hours:** 3**Contact hours:** Lecture: 3 Contact: 3**Levels:** Undergraduate**Schedule types:** Lecture**Department/School:** Geography**General Education and other Course Attributes:** International Dimension, Social & Behavioral Sciences

**GLST 3733 Russia and Its Neighbors (IS)**

**Description:** A regional survey course of Eurasia extending from Central Europe to Western Siberia. Central and Southwest Asia will not be considered in this course. Thematic contemporary issues in the region will be covered, including topics on culture, politics, social issues, economic development, and others. Same course as GEOG 3733.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Geography

**General Education and other Course Attributes:** International Dimension, Social & Behavioral Sciences

**GLST 3743 Latin America (IS)**

**Description:** A regional analysis of physical, cultural and economic features of historic and contemporary Latin America. Key themes include people and environment, development and change, government and conflict, and globalization and social change. Same course as GEOG 3743.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Geography

**General Education and other Course Attributes:** International Dimension, Social & Behavioral Sciences

**GLST 3753 Asia (IS)**

**Description:** A regional survey course of Asia from Pakistan in the west to the Asian littoral in the east, including Japan, Taiwan, and the Philippines. Central and Southwest Asia will not be considered in this course. Regionally, Asia will be approached through examination of two great cultural focal points: India and China. Thematic contemporary issues in Asia will be covered, including topics on culture, politics, social issues, economic development, and others. Same course as GEOG 3753.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Geography

**General Education and other Course Attributes:** International Dimension, Social & Behavioral Sciences

**GLST 3763 Africa (IS)**

**Description:** An exploration of the patterns and impact of population, cultural heritage, and natural resources to build an understanding and experience with Africa. Historic and contemporary relationships between Africa and Western civilization. Key themes include traditions and lifeways, development and change, government and conflict, and people and environment. Same course as GEOG 3763.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Geography

**General Education and other Course Attributes:** International Dimension, Social & Behavioral Sciences

**GLST 3783 The Middle East (IS)**

**Description:** A regional analysis of the Arab, Persian and Turkic lands that builds an understanding and experience with the Middle East. Historic and contemporary patterns highlight both tradition and modernity. Key themes include lifeways and social change, development and globalization, international relations and conflict, and natural resources and environment. Same course as GEOG 3783.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Geography

**General Education and other Course Attributes:** International Dimension, Social & Behavioral Sciences

**GLST 3793 Australia and the Pacific Realm (IS)**

**Description:** Study of Australia, New Zealand, and the island regions of Micronesia, Melanesia, and Polynesia. Course examines the cultural and natural diversity of these regions in relation to globalization, climate change, and popular culture. Course covers enduring cultural traditions, legacies of external involvement, changing livelihoods and landscapes, and the region's role in global affairs. Same course as GEOG 3793.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Geography

**General Education and other Course Attributes:** International Dimension, Social & Behavioral Sciences

**GLST 4443 Sustainable Tourism and Geography**

**Prerequisites:** Junior or senior standing or consent of instructor.

**Description:** This course examines sustainable tourism from a cultural and environmental perspective. It discusses concepts and theories of sustainability and tourism, including human rights, environmental justice, and ethics, emphasizing the global environmental and social effects and possibilities of tourism. The course addresses management concepts, sectoral approaches, transport and mobility themes, and emerging issues in the context of sustainability. May not be used for degree credit with GEOG 4443 and HRAD 4183.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Geography

**GLST 4513 Senior Capstone Experience**

**Prerequisites:** Consent of the instructor and advisor.

**Description:** Designed specifically for Global Studies majors. Relates coursework in the major to career plans. In consultation with faculty, students choose to complete an internship, a study abroad, or a research project. Students prepare a portfolio and give an oral presentation based on their project and experience.

**Credit hours:** 3

**Contact hours:** Contact: 3 Other: 3

**Levels:** Undergraduate

**Schedule types:** Independent Study

**Department/School:** Geography

## Undergraduate Programs

- Geography, BA (p. 1191)
- Geography, BS (p. 1194)
- Geography: Business Essentials, BA (p. 1197)

- Geography: Business Essentials, BS (p. 1200)
- Geography: Pre-Law, BA (p. 1203)
- Geography: Pre-Ministry, BA (p. 1206)
- Geospatial Information Science, BS (p. 1209)
- Global Studies, BA (p. 1214)
- Global Studies: Business Essentials, BA (p. 1218)
- Global Studies: Pre-Law, BA (p. 1222)
- Global Studies: Pre-Ministry, BA (p. 1225)

## Graduate Programs

The Department of Geography offers MS and PhD degrees. We have a vibrant graduate program that is built around three broad areas of emphasis: the study of nature-society dynamics, including resource management; GIScience, including unmanned aerial systems; and cultural and historical geography. Major faculty specializations include public health, water security, GIS, remote sensing, climate science, human dimensions of global environmental change, cultural and historical geography, urban and transportation geography, political geography, geoarchaeology, and spatial analysis.

Particular emphasis is placed on the applied aspects of geography, with many graduates employed by private business as well as city, regional, state and national planning agencies. Our graduates have been highly successful in their careers, taking up positions involving city planning, environmental assessment, and university teaching and research, among many others.

## The Master of Science Degree

Admission to the master's program in geography is granted to college graduates with superior academic records. An undergraduate geography major is not required. Majors from the social, physical, and behavioral sciences and from the humanities are encouraged to apply. Incoming graduate students must demonstrate competency in cultural geography, physical geography, statistics and cartography. If a student lacks these prerequisite skills, an additional course in each of these subjects is required.

Thesis and non-thesis options exist for the master's degree. The thesis option requires a minimum of 30 credit hours, including a thesis. The non-thesis option requires 36 credit hours. Plans of study can be developed to accommodate many interests.

## The Doctor of Philosophy Degree

Admission to the PhD program is granted to students with superior records in their previous graduate study. A previous degree in geography is not required, but incoming students from other disciplines must demonstrate competency in cultural geography, physical geography, statistics and cartography. If a student lacks these prerequisite skills, an additional course in each of these subjects is required. A minimum of 60 hours of graduate credit beyond the master's degree is required for the PhD degree. These hours include core courses (13 hours), elective courses in geography (15 hours minimum), elective courses outside of geography (9 hours minimum), and dissertation hours (15 hours minimum). Each student chooses an individual doctoral committee that advises the student in the formulation of an approved plan of study for the degree. Candidates for the PhD in geography must demonstrate either:

1. proficiency in one language other than English,
2. reading knowledge of two languages other than English,
3. proficiency in advanced quantitative methods,
4. proficiency in advanced qualitative methods, or
5. proficiency in a multi-skill track.

To be advanced to doctoral candidacy, the student must demonstrate proficiency in three specialized subject areas within geography and related disciplines by passing written and oral comprehensive examinations. An important requirement for the PhD degree is the preparation and successful defense of a doctoral dissertation. The dissertation must demonstrate the candidate's ability to plan and complete independent, original research in geography.

## Minors

- Geography (GEOG), Minor (p. 1189)
- Geospatial Information Technologies (GSIT), Minor (p. 1212)
- Global Studies (GLST), Minor (p. 1213)

## Certificates

- Environmental Studies, Undergraduate Certificate (p. 1187)
- Geographic Information Systems, Certificate (p. 1188)

## Faculty

Alyson L. Greiner, PhD—Professor and Head

**Professors:** Jonathan C. Comer, PhD; Carlos E. Cordova, PhD; Reuel R. Hanks, PhD; Dale R. Lightfoot, PhD (emeritus); Stephen J. Stadler, PhD (emeritus); Jacqueline Vadjunec, PhD; Thomas A. Wickle, PhD (emeritus)

**Associate Professors:** Brad A. Bays, PhD; G. Allen Finchum, PhD; Rebecca Sheehan, PhD; Hongbo Yu, PhD

**Assistant Professors:** Saber Brasher, PhD; Peter Crank, PhD; Hamed Gholizadeh, PhD; Tao Hu, PhD; G. Thomas LaVanchy, PhD; Yuting Zhou, PhD

**Teaching Instructor:** Donald Colley

## Environmental Studies, Undergraduate Certificate

**Requirements for Students Matriculating in or before Academic Year 2022-2023.** Learn more about University Academic Regulation 3.1 (p. 943).

**Total Hours:** 17

Code	Title	Hours
<i>Core</i>		
Select three hours from:		3
ENVR 1113	Elements of Environmental Science (N)	
GEOG 1114	Physical Geography (LN)	
GEOG 2344	Digital Tools for Environmental Problem-Solving (LN)	
GEOL 1014	Geology and Human Affairs (LN)	
NREM 1014	Introduction to Natural History (LN)	
SOIL 2124	Fundamentals of Soil Science (N)	
GEOG 2002 or GLST 2002	Global Sustainability (N) Global Sustainability (N)	2
GEOG 3153	Conservation of Natural Resources (S)	3
HIST 4523	American Environmental History (H)	3
<i>Electives</i>		
Select 6 hours from:		6
AGEC 3503	Natural Resource Economics	
AGEC 4503	Environmental Economics and Resource Development	
ARCH 4233	Sustainable Design in Architecture	
ARCH 4293	The Ethics of the Built Environment (H)	
BIOL 3034	General Ecology	
DHM 4573	Sustainable Design for Apparel and Interiors	
ECON 3903	Economics of the Environment	
ENTO 2003	Insects and Society (N)	
ENVR 3113	Sampling and Analyses for Solving Environmental Problems	
ENVR 4363	Environmental Soil Science	
GEOG 3023	Climatology (N)	
GEOG 3123	Urban Geography (S)	
GEOG 4003	Natural Hazards and Society	
GEOG 4073	Climate Change: Past, Present, and Future	
GEOG 4113	Environment and Development	
GEOG 4163	Resource Management in the National Parks	
GEOG 4233	Human Dimensions of Global Environmental Change	
HIST 4063	Historic Preservation	
HIST 4503	American Urban History (H)	
LA 3673	History and Theory of Landscape Architecture (H)	
NREM 3013	Applied Ecology and Conservation	
NREM 4001	Issues In Global Change	

NREM 4043	Natural Resource Administration and Policy
NREM 4053	Natural Resource Recreation
NREM 4093	Natural Resources, People and Sustainable Development (I)
NSCI 3543	Food and the Human Environment (IS)
PBIO 3253	Environment and Society (N)
POLS 4363	Environmental Law And Policy
POLS 4593	Natural Resources and Environmental Policy
SOC 3423	Urban Sociology
SOC 4433	Environmental Sociology (S)
SOC 4453	Environmental Inequality (S)
SOC 4473	Oklahoma Environmental Sociology
SOC 4533	World Population Problems
SOIL 4463	Soil and Water Conservation
SOIL 4893	Environmental Soil Chemistry
Other courses with half or more environmental content may be considered alternates for elective courses. Consult with program coordinator for qualified alternatives.	

**Total Hours** **17**

# Geographic Information Systems, Certificate

**Requirements for Students Matriculating in or before Academic Year 2022-2023.** Learn more about University Academic Regulation 3.1 (p. 943).

**Total Hours:** 15

Code	Title	Hours
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A minimum 3.00 GPA is required for all courses taken for the certificate program.

## Core Courses

Select 9 hours, choose three courses:	9
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GEOG 4203	Fundamentals of Geographic Information Systems
GEOG 4343	Geographic Information Systems: Resource Management Applications
or GEOG 5323	Geographic Information Systems: Resource Management Applications
GEOG 4353	Geographic Information Systems: Socioeconomic Applications
GEOG 5343	Advanced Geographic Information Systems: Resource Management Applications
GEOG 5353	Advanced Geographic Information Systems: Socioeconomic Applications

## Elective Courses

Select 6 hours, choose two courses, each from a different category:	6
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Category I: Spatial Analysis/GIS Programming

GEOG 3333	Spatial Analysis (A)
GEOG 4383	Introduction to GIS Programming
GEOG 5303	Geographic Analysis I
GEOG 6303	Geographic Analysis II

Category II: Spatial Data Collection, Management, and Representation

GEOG 4263	Geospatial Applications for Unmanned Aerial Systems
or GEOG 5263	Geospatial Applications for Unmanned Aerial Systems
GEOG 4303	Applications of the Global Positioning System in Field Research
GEOG 4313	Field Techniques and Geodata Collection
GEOG 4323	Mapping in Modern Society
GEOG 4333	Remote Sensing
or GEOG 5333	Remote Sensing
GEOG 6313	Mixed Methods in Field Research
GEOG 6333	Advanced Remote Sensing

Courses from other OSU programs that contain at least 50% of geospatial technology in the course content may be considered as alternatives for elective courses. Consult with program coordinator for qualified alternatives.

<b>Total Hours</b>	<b>15</b>
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## Geography (GEOG), Minor

**Requirements for Students Matriculating in or before Academic Year 2022-2023.** Learn more about University Academic Regulation 3.1 (p. 943).

Sarah Mutschelknaus, 101B SSH, 405-744-8197

**Total Hours:** 16

Code	Title	Hours
<b>Minor Requirements</b>		
GEOG 1113	Introduction to Cultural Geography (IS)	3
or GEOG 1713	Regions & Nations in Global Context (IS)	
GEOG 1114	Physical Geography (LN)	4
Select at least nine additional hours, including six at the upper-division level		9
<b>Total Hours</b>		<b>16</b>

### Other Requirements

- No grade below "C."

### Additional OSU Requirements

#### Undergraduate Minors

- An undergraduate minor must include between fifteen and thirty hours, inclusive of undergraduate coursework.
- A minimum of six credit hours for the minor must be earned in residence at OSU.
- The courses required for a minor may be included in the course requirements for any undergraduate degree or they may be in addition to degree requirements, depending on the overlap between the minor and degree requirements. However, an undergraduate minor must be earned in an academic field other than the student's declared degree option. The minor may not duplicate the degree major or option (for example, a student who earns a BA in Art with an Art History option may earn a minor in Studio Art but not Art History).
- A student generally follows the minor requirements associated with his or her matriculation year or newer requirements that have been established since matriculation. The time limit for following requirements from a given academic year is six years.

For additional information on requirements on minors, click here (<https://adminfinance.okstate.edu/site-files/documents/policies/requirements-for-undergraduate-and-graduate-minors.pdf>).

# Geography and Environmental Studies, BS

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**Requirements for Students Matriculating in or before Academic Year 2022-2023.** Learn more about University Academic Regulation 3.1 (p. 943).

**Minimum Overall Grade Point Average:**

**Total Hours:**

Code	Title	Hours
Courses go here		
<b>Total Hours</b>		<b>0</b>

## Additional State/OSU Requirements

- At least: 60 hours at a four-year institution; 30 hours completed at OSU; 15 of the final 30 or 50% of the upper-division hours in the major field completed at OSU.
- Limit of: one-half of major course requirements as transfer work; one-fourth of hours earned by correspondence; 8 transfer correspondence hours.
- Students will be held responsible for degree requirements in effect at the time of matriculation and any changes that are made, so long as these changes do not result in semester credit hours being added or do not delay graduation.
- Degrees that follow this plan must be completed by the end of Summer 2028.

# Geography, BA

## Degree Requirements

**Requirements for Students Matriculating in or before Academic Year 2022-2023.** Learn more about University Academic Regulation 3.1 (p. 943).

**Minimum Overall Grade Point Average:** 2.00

**Total Hours:** 120

Code	Title	Hours
<b>General Education Requirements</b>		
<i>English Composition</i>		
See Academic Regulation 3.5 (p. 944)		
ENGL 1113	Composition I	3
or ENGL 1313	Critical Analysis and Writing I	
Select one of the following:		3
ENGL 1213	Composition II	
ENGL 1413	Critical Analysis and Writing II	
ENGL 3323	Technical Writing	
<i>American History &amp; Government</i>		
HIST 1103	Survey of American History	3
or HIST 1483	American History to 1865 (H)	
or HIST 1493	American History Since 1865 (DH)	
POLS 1113	American Government	3
<i>Analytical &amp; Quantitative Thought (A)</i>		
Select one of the following:		3
STAT 2013	Elementary Statistics (A)	
STAT 2023	Elementary Statistics for Business and Economics (A)	
STAT 2053	Elementary Statistics for the Social Sciences (A)	
<i>Humanities (H)</i>		
Courses designated (H)		6
<i>Natural Sciences (N)</i>		
Must include one Laboratory Science (L) course		
GEOG 1114	Physical Geography (LN) <sup>1</sup>	4
2 hours designated (N)		2
<i>Social &amp; Behavioral Sciences (S)</i>		
Course designated (S)		3
<i>Additional General Education</i>		
Courses designated (A), (H), (N), or (S)		10
<b>Hours Subtotal</b>		<b>40</b>
<b>Diversity (D) &amp; International Dimension (I)</b>		
May be completed in any part of the degree plan		
Select at least one Diversity (D) course		
Select at least one International Dimension (I) course		
<b>College/Departmental Requirements</b>		
<i>First Year Seminar</i>		
(Transfer students with 15 hours exempt)		1
<i>Arts &amp; Humanities</i>		
See note 2.a.		9
<i>Natural &amp; Mathematical Sciences</i>		

See note 2.b.		3
<i>Foreign Language</i>		
See note 3		9
<i>Non-Western Studies</i>		
Select at least one course		
See note 2.d.		
<i>Upper-Division General Education</i>		
Select 6 hours outside major department		
See note 2.c.		
<b>Hours Subtotal</b>		<b>22</b>
<b>Major Requirements</b>		
Minimum GPA 2.50.		
<i>Core courses</i>		
GEOG 1113	Introduction to Cultural Geography (IS)	3
or GEOG 1713	Regions & Nations in Global Context (IS)	
GEOG 2344	Digital Tools for Environmental Problem-Solving (LN)	4
GEOG 4203	Fundamentals of Geographic Information Systems	3
GEOG 4313	Field Techniques and Geodata Collection	3
GEOG 4323	Mapping in Modern Society	3
<i>Additional GEOG courses</i>		
Select 24 hours (21 hours must be upper-division)		24
<i>Related courses</i>		
Select 6 hours upper-division (non-GEOG) departmental approved related courses		6
<b>Hours Subtotal</b>		<b>46</b>
<b>Electives</b>		
Select 12 hours		12
May need to include 6 hours upper-division general education outside major department (see note 2.c.) and 4 additional upper-division hours		
MATH 1483 or MATH 1513 required for students who do not place directly into STAT.		
<b>Hours Subtotal</b>		<b>12</b>
<b>Total Hours</b>		<b>120</b>

1

College and Departmental Requirements that may be used to meet General Education Requirements.

## Other Requirements

- See the College of Arts and Sciences Requirements.
- Minimum GPA 2.00 in all GEOG courses.
- **Upper-Division Credit:** Total hours must include at least 40 hours in courses numbered 3000 or above.
- **Hours in One Department:** For B.A. and B.S. degrees, no more than 54 hours in one department may be applied to degree requirements.

## College of Arts and Sciences Requirements

### 1. General Education Requirements

No more than two courses (or eight hours) from the major department (<http://catalog.okstate.edu/college-arts-sciences-major>)

departments/) may be used to meet General Education and College and Departmental Requirements. The General Education required English Composition, required U.S. History, required American Government, one required MATH or STAT course, and required foreign language for B.A. degrees do not count against the two-course maximum.

## 2. A&S College/Departmental Requirements

- Arts and Humanities are defined as any course carrying an (H) designation or courses from AMST, ART, DANC, ENGL (except ENGL 3323 Technical Writing) HIST, MUSI, PHIL (except PHIL 1313 Logic and Critical Thinking (A), PHIL 3003 Symbolic Logic (A) and PHIL 4003 Mathematical Logic and Computability), REL, TH, and foreign languages.
- Natural and Mathematical Sciences are defined as any course from the following prefixes: ASTR, BIOC, BIOL, CHEM, CS (except CS 4883 Social Issues in Computing), GEOL, MATH, MICR, PBIO, PHYS, and STAT; or courses from other departments that carry an (A) or (N) general education designation.
- The required six hours of upper-division General Education may not include courses from the student's major department. This requirement may be satisfied by courses also used to satisfy any part of a student's degree program (i.e., in General Education, College Departmental Requirements, Major Requirements or Electives).
- Non-Western Studies Requirement for B.A. and B.F.A.; One 3-hour course in Non-Western Studies (N.W.). This requirement may be satisfied by courses also used to satisfy any part of a student's degree program (i.e., in General Education, College Departmental Requirements, Major Requirements or Electives).
- The College of Arts & Sciences requires a minimum 2.0 GPA in all major requirements and a minimum 2.0 GPA in all major-prefix courses applied to the degree.

## 3. Foreign Language Proficiency

- The foreign language requirement for the B.A. may be satisfied by 9 hours college credit in the same language, which must include 3 hours at the 2000-level, or equivalent proficiency (e.g., passing an advanced standing examination; TOEFL exam; presenting a high school transcript which demonstrates the high school was primarily conducted in a language other than English; etc.). Computer Science courses may not be used to satisfy this requirement. Currently Arabic and Mvskoke are not offered at the 2000-level at OSU.
- The foreign language requirement for the B.S., B.M. and B.F.A. may be satisfied by presenting a high school transcript which demonstrates two years of study of a single foreign language (passing grades at second-year level of study). It may also be satisfied by 6 hours college credit in the same language, which must include language courses 1713 and 1813, or equivalent proficiency (e.g., passing an advanced standing examination; TOEFL exam; presenting a high school transcript which demonstrates the high school was primarily conducted in a language other than English; etc.). Computer Science courses may not be used to satisfy this requirement.
- In addition to a. and b., students pursuing teacher certification must meet novice-high foreign language proficiency by presenting a high school transcript which demonstrates two years of study of a single foreign language with no grade below B. Or, students may complete 3 hours college credit in a single language with no grade below C (or pass an advanced standing examination, College Level Examination Program (CLEP) exam,

or Oral Proficiency Interview developed by the American Council on the Teaching of Foreign Languages, equivalent to 3 hours of college credit.) Or, students may meet the requirement by transfer of documentation of meeting the foreign language competency from one of the teacher education programs in the State of Oklahoma approved by the Oklahoma State Regents for Higher Education.

## 4. Exclusions

- Courses used to satisfy the General Education English Composition, U.S. History, American Government, and Mathematics or Statistics requirements will not count toward the 54-hour maximum allowed from one department.
- Courses with ATHL or LEIS prefixes and leisure activity courses may not be used for degree credit.

## Additional State/OSU Requirements

- At least: 60 hours at a four-year institution; 30 hours completed at OSU; 15 of the final 30 or 50% of the upper-division hours in the major field completed at OSU.
- Limit of: one-half of major course requirements as transfer work; one-fourth of hours earned by correspondence; 8 transfer correspondence hours.
- Students will be held responsible for degree requirements in effect at the time of matriculation and any changes that are made, so long as these changes do not result in semester credit hours being added or do not delay graduation.
- Degrees that follow this plan must be completed by the end of Summer 2028.

## Example Plan of Study

### Finish in Four Plan of Study

The plan below is an example of how students can successfully complete degree requirements in four years. This suggested class schedule plan may be used as a guide and can be adjusted based on individual needs. Students are required to meet with an academic advisor prior to enrollment each semester to plan their class schedule, and students are ultimately responsible for completing all degree requirements.

Course	Title	Hours
<b>Freshman</b>		
<b>Fall</b>		
GEOG 1114	Physical Geography (LN)	4
GEOG 1113 or GEOG 1713	Introduction to Cultural Geography (IS) or Regions & Nations in Global Context (IS)	3
1713 First Semester Foreign Language		3
General Education courses		4
<b>Hours</b>		<b>14</b>
<b>Spring</b>		
STAT 2013 or STAT 2053	Elementary Statistics (A) or Elementary Statistics for the Social Sciences (A)	3
GEOG 2344	Digital Tools for Environmental Problem-Solving (LN)	4
1813 Second Semester Foreign Language		3
General Education courses		6
<b>Hours</b>		<b>16</b>
<b>Sophomore</b>		
<b>Fall</b>		
2000-level Foreign Language		3
College and Elective courses		12
<b>Hours</b>		<b>15</b>

<b>Spring</b>		
GEOG 4203	Fundamentals of Geographic Information Systems	3
Major, College, and Elective courses		12
<b>Hours</b>		<b>15</b>
<b>Junior</b>		
<b>Fall</b>		
Major, College, and Elective courses		15
<b>Hours</b>		<b>15</b>
<b>Spring</b>		
GEOG 4323	Mapping in Modern Society	3
Major, College, and Elective courses		12
<b>Hours</b>		<b>15</b>
<b>Senior</b>		
<b>Fall</b>		
GEOG 4313	Field Techniques and Geodata Collection	3
Major, College, and Elective courses		12
<b>Hours</b>		<b>15</b>
<b>Spring</b>		
GEOG 4510 or GEOG 4993	Senior Project or Senior Honors Thesis	3
Major, College, and Elective courses		12
<b>Hours</b>		<b>15</b>
<b>Total Hours</b>		<b>120</b>

# Geography, BS

## Degree Requirements

**Requirements for Students Matriculating in or before Academic Year 2022-2023.** Learn more about University Academic Regulation 3.1 (p. 943).

**Minimum Overall Grade Point Average:** 2.00

**Total Hours:** 120

Code	Title	Hours
<b>General Education Requirements</b>		
<i>English Composition</i>		
See Academic Regulation 3.5 (p. 944)		
ENGL 1113	Composition I	3
or ENGL 1313	Critical Analysis and Writing I	
Select one of the following:		3
ENGL 1213	Composition II	
ENGL 1413	Critical Analysis and Writing II	
ENGL 3323	Technical Writing	
<i>American History &amp; Government</i>		
HIST 1103	Survey of American History	3
or HIST 1483	American History to 1865 (H)	
or HIST 1493	American History Since 1865 (DH)	
POLS 1113	American Government	3
<i>Analytical &amp; Quantitative Thought (A)</i>		
Select one of the following:		3
STAT 2013	Elementary Statistics (A)	
STAT 2023	Elementary Statistics for Business and Economics (A)	
STAT 2053	Elementary Statistics for the Social Sciences (A)	
<i>Humanities (H)</i>		
Courses designated (H)		6
<i>Natural Sciences (N)</i>		
Must include one Laboratory Science (L) course		
GEOG 1114	Physical Geography (LN) <sup>1</sup>	4
2 hours designated (N)		2
<i>Social &amp; Behavioral Sciences (S)</i>		
Course designated (S)		3
<i>Additional General Education</i>		
Courses designated (A), (H), (N), or (S)		10
<b>Hours Subtotal</b>		<b>40</b>
<b>Diversity (D) &amp; International Dimension (I)</b>		
May be completed in any part of the degree plan		
Select at least one Diversity (D) course		
Select at least one International Dimension (I) course		
<b>College/Departmental Requirements</b>		
<i>First Year Seminar</i>		
(Transfer students with 15 hours exempt)		1
<i>Arts &amp; Humanities</i>		
See note 2.a.		3
<i>Natural &amp; Mathematical Sciences</i>		

See note 2.b.		9
<i>Foreign Language</i>		
See note 3		
0-6 hours		
<i>Upper-Division General Education</i>		
Select 6 hours outside major department		
See note 2.c.		
<b>Hours Subtotal</b>		<b>13</b>
<b>Major Requirements</b>		
Minimum GPA 2.50.		
<i>Core courses</i>		
GEOG 1113	Introduction to Cultural Geography (IS)	3
or GEOG 1713	Regions & Nations in Global Context (IS)	
GEOG 3333	Spatial Analysis (A)	3
GEOG 4203	Fundamentals of Geographic Information Systems	3
GEOG 4313	Field Techniques and Geodata Collection	3
GEOG 4323	Mapping in Modern Society	3
Select one of the following:		3
GEOG 4333	Remote Sensing	
GEOG 4343	Geographic Information Systems: Resource Management Applications	
GEOG 4353	Geographic Information Systems: Socioeconomic Applications	
<i>Additional GEOG courses</i>		
Select 21 hours (18 hours must be upper-division) <sup>2</sup>		21
<i>Related courses</i>		
Select 6 hours upper-division (non-GEOG) departmental approved related courses		6
<b>Hours Subtotal</b>		<b>45</b>
<b>Electives <sup>2</sup></b>		
Select 22 hours		22
May need to include 6 hours of a foreign language (see note 3)		
May need to include 6 hours upper-division general education outside major department (see note 2.c.) and 1 additional upper-division hour		
MATH 1483 or MATH 1513 required for students who do not place directly into STAT.		
<b>Hours Subtotal</b>		<b>22</b>
<b>Total Hours</b>		<b>120</b>

<sup>1</sup>

College and Departmental Requirements that may be used to meet General Education Requirements.

<sup>2</sup>

With approval from the advisor and department head, a maximum of 30 hours from an accredited doctoral law or health program may be used for these areas, including up to 3 hours of upper-division GEOG.

## Other Requirements

- See the College of Arts and Sciences Requirements.
- Minimum GPA 2.00 in all GEOG courses.
- **Upper-Division Credit:** Total hours must include at least 40 hours in courses numbered 3000 or above.



- **Hours in One Department:** For B.A. and B.S. degrees, no more than 54 hours in one department may be applied to degree requirements.

## College of Arts and Sciences Requirements

### 1. General Education Requirements

No more than two courses (or eight hours) from the major department (<http://catalog.okstate.edu/college-arts-sciences-major-departments/>) may be used to meet General Education and College and Departmental Requirements. The General Education required English Composition, required U.S. History, required American Government, one required MATH or STAT course, and required foreign language for B.A. degrees do not count against the two-course maximum.

### 2. A&S College/Departmental Requirements

- Arts and Humanities are defined as any course carrying an (H) designation or courses from AMST, ART, DANC, ENGL (except ENGL 3323 Technical Writing) HIST, MUSI, PHIL (except PHIL 1313 Logic and Critical Thinking (A), PHIL 3003 Symbolic Logic (A) and PHIL 4003 Mathematical Logic and Computability), REL, TH, and foreign languages.
  - Natural and Mathematical Sciences are defined as any course from the following prefixes: ASTR, BIOC, BIOL, CHEM, CS (except CS 4883 Social Issues in Computing), GEOL, MATH, MICR, PBIO, PHYS, and STAT; or courses from other departments that carry an (A) or (N) general education designation.
  - The required six hours of upper-division General Education may not include courses from the student's major department. This requirement may be satisfied by courses also used to satisfy any part of a student's degree program (i.e., in General Education, College Departmental Requirements, Major Requirements or Electives).
  - Non-Western Studies Requirement for B.A. and B.F.A.; One 3-hour course in Non-Western Studies (N.W.). This requirement may be satisfied by courses also used to satisfy any part of a student's degree program (i.e., in General Education, College Departmental Requirements, Major Requirements or Electives).
  - The College of Arts & Sciences requires a minimum 2.0 GPA in all major requirements and a minimum 2.0 GPA in all major-prefix courses applied to the degree.
- ### 3. Foreign Language Proficiency
- The foreign language requirement for the B.A. may be satisfied by 9 hours college credit in the same language, which must include 3 hours at the 2000-level, or equivalent proficiency (e.g., passing an advanced standing examination; TOEFL exam; presenting a high school transcript which demonstrates the high school was primarily conducted in a language other than English; etc.). Computer Science courses may not be used to satisfy this requirement. Currently Arabic and Mvskoke are not offered at the 2000-level at OSU.
  - The foreign language requirement for the B.S., B.M. and B.F.A. may be satisfied by presenting a high school transcript which demonstrates two years of study of a single foreign language (passing grades at second-year level of study). It may also be satisfied by 6 hours college credit in the same language, which must include language courses 1713 and 1813, or equivalent proficiency (e.g., passing an advanced standing examination; TOEFL exam; presenting a high school transcript which demonstrates the high school was primarily conducted in

a language other than English; etc.). Computer Science courses may not be used to satisfy this requirement.

- In addition to a. and b., students pursuing teacher certification must meet novice-high foreign language proficiency by presenting a high school transcript which demonstrates two years of study of a single foreign language with no grade below B. Or, students may complete 3 hours college credit in a single language with no grade below C (or pass an advanced standing examination, College Level Examination Program (CLEP) exam, or Oral Proficiency Interview developed by the American Council on the Teaching of Foreign Languages, equivalent to 3 hours of college credit.) Or, students may meet the requirement by transfer of documentation of meeting the foreign language competency from one of the teacher education programs in the State of Oklahoma approved by the Oklahoma State Regents for Higher Education.

### 4. Exclusions

- Courses used to satisfy the General Education English Composition, U.S. History, American Government, and Mathematics or Statistics requirements will not count toward the 54-hour maximum allowed from one department.
- Courses with ATHL or LEIS prefixes and leisure activity courses may not be used for degree credit.

## Additional State/OSU Requirements

- At least: 60 hours at a four-year institution; 30 hours completed at OSU; 15 of the final 30 or 50% of the upper-division hours in the major field completed at OSU.
- Limit of: one-half of major course requirements as transfer work; one-fourth of hours earned by correspondence; 8 transfer correspondence hours.
- Students will be held responsible for degree requirements in effect at the time of matriculation and any changes that are made, so long as these changes do not result in semester credit hours being added or do not delay graduation.
- Degrees that follow this plan must be completed by the end of Summer 2028.

## Example Plan of Study

### Finish in Four Plan of Study

The plan below is an example of how students can successfully complete degree requirements in four years. This suggested class schedule plan may be used as a guide and can be adjusted based on individual needs. Students are required to meet with an academic advisor prior to enrollment each semester to plan their class schedule, and students are ultimately responsible for completing all degree requirements.

Course	Title	Hours
<b>Freshman</b>		
<b>Fall</b>		
MATH 1483 or MATH 1513	Mathematical Functions and Their Uses (A) or College Algebra (A)	3
GEOG 1114	Physical Geography (LN)	4
GEOG 1113 or GEOG 1713	Introduction to Cultural Geography (IS) or Regions & Nations in Global Context (IS)	3
General Education courses		4
		<b>Hours</b>
		<b>14</b>
<b>Spring</b>		
STAT 2013 or STAT 2053	Elementary Statistics (A) or Elementary Statistics for the Social Sciences (A)	3

1196 Geography, BS

GEOG 2344	Digital Tools for Environmental Problem-Solving (LN)	4
General Education courses		9
<b>Hours</b>		<b>16</b>
<b>Sophomore</b>		
<b>Fall</b>		
GEOG 3333	Spatial Analysis (A)	3
General Education courses		12
<b>Hours</b>		<b>15</b>
<b>Spring</b>		
GEOG 4203	Fundamentals of Geographic Information Systems	3
Major, College, and Elective courses		12
<b>Hours</b>		<b>15</b>
<b>Junior</b>		
<b>Fall</b>		
GEOG 4333 or GEOG 4343 or GEOG 4353	Remote Sensing or Geographic Information Systems: Resource Management Applications or Geographic Information Systems: Socioeconomic Applications	3
Major, College, and Elective courses		12
<b>Hours</b>		<b>15</b>
<b>Spring</b>		
GEOG 4323	Mapping in Modern Society	3
Major, College, and Elective courses		12
<b>Hours</b>		<b>15</b>
<b>Senior</b>		
<b>Fall</b>		
GEOG 4313	Field Techniques and Geodata Collection	3
Major, College, and Elective courses		12
<b>Hours</b>		<b>15</b>
<b>Spring</b>		
GEOG 4510 or GEOG 4993	Senior Project or Senior Honors Thesis	3
Major, College, and Elective courses		12
<b>Hours</b>		<b>15</b>
<b>Total Hours</b>		<b>120</b>

## Geography: Business Essentials, BA

### Degree Requirements

**Requirements for Students Matriculating in or before Academic Year 2022-2023.** Learn more about University Academic Regulation 3.1 (p. 943).

**Minimum Overall Grade Point Average:** 2.50

**Total Hours:** 120

Code	Title	Hours
<b>General Education Requirements</b>		
<i>English Composition</i>		
See Academic Regulation 3.5 (p. 944)		
ENGL 1113 or ENGL 1313	Composition I Critical Analysis and Writing I	3
Select one of the following:		3
ENGL 1213	Composition II	
ENGL 1413	Critical Analysis and Writing II	
ENGL 3323	Technical Writing	
<i>American History &amp; Government</i>		
HIST 1103 or HIST 1483 or HIST 1493	Survey of American History American History to 1865 (H) American History Since 1865 (DH)	3
POLS 1113	American Government	3
<i>Analytical &amp; Quantitative Thought (A)</i>		
MATH 1483	Mathematical Functions and Their Uses (A) (or higher, excluding MATH 1493)	3
<i>Humanities (H)</i>		
Course designated (H)		6
<i>Natural Sciences (N)</i>		
Must include one Laboratory Science (L) course.		
GEOG 1114	Physical Geography (LN)	4
2 hours designated (N)		2
<i>Social &amp; Behavioral Sciences (S)</i>		
Course designated (S)		3
<i>Additional General Education</i>		
Courses designated (A), (H), (N), or (S)		10
<b>Hours Subtotal</b>		<b>40</b>
<b>Diversity (D) &amp; International Dimension (I)</b>		
May be completed in any part of the degree plan.		
At least one Diversity (D) course.		
At least one International Dimension (I) course.		
<b>College/Departmental Requirements</b>		
<i>First Year Seminar</i>		
(Transfer students with 15 hours exempt.)		1
<i>Arts &amp; Humanities</i>		
(See note 2.a.)		9
<i>Natural &amp; Mathematical Sciences</i>		
(See note 2.b.)		3
<i>Foreign Language</i>		
(See note 3.)		9
<i>Non-Western Studies</i>		

At least one course.

(See note 2.d.)

*Upper-Division General Education*

6 hours outside major department

See note 2.c.)

**Hours Subtotal** **22**

**Major Requirements**

Minimum GPA 2.50.

*Core*

GEOG 1113 or GEOG 1713	Introduction to Cultural Geography (IS) Regions & Nations in Global Context (IS)	3
GEOG 2344	Digital Tools for Environmental Problem-Solving (LN)	4
GEOG 4203	Fundamentals of Geographic Information Systems	3
GEOG 4313	Field Techniques and Geodata Collection	3
GEOG 4323	Mapping in Modern Society	3

*Additional GEOG courses*

Select 24 hours (21 hours must be upper-division) **24**

*Business Essentials*

ACCT 2003	Survey of Accounting	3
MGMT 3013	Fundamentals of Management (S)	3
MKTG 3213	Marketing (S)	3
3 hours from:		3

ECON 2003 Microeconomic Principles for Business

EEE 2023 Introduction to Entrepreneurship

LSB 3213 Legal and Regulatory Environment of Business

MSIS 2103 Business Data Science Technologies

**Hours Subtotal** **52**

**Electives**

6 hours of Electives **6**

May need to include 6 hours upper-division general education outside major department (see note 2.c.) and 1 additional upper-division hour.

**Hours Subtotal** **6**

**Total Hours** **120**

### Other Requirements

- See the College of Arts and Sciences Requirements.
- Minimum GPA 2.00 in all GEOG courses.
- **Upper-Division Credit:** Total hours must include at least 40 hours in courses numbered 3000 or above.
- **Hours in One Department:** For B.A. and B.S. degrees, no more than 54 hours in one department may be applied to degree requirements.

### College of Arts and Sciences Requirements

#### 1. General Education Requirements

No more than two courses (or eight hours) from the major department (<http://catalog.okstate.edu/college-arts-sciences-major-departments/>) may be used to meet General Education and College and Departmental Requirements. The General Education required

English Composition, required U.S. History, required American Government, one required MATH or STAT course, and required foreign language for B.A. degrees do not count against the two-course maximum.

**2. A&S College/Departmental Requirements**

- a. Arts and Humanities are defined as any course carrying an (H) designation or courses from AMST, ART, DANC, ENGL (except ENGL 3323 Technical Writing) HIST, MUSI, PHIL (except PHIL 1313 Logic and Critical Thinking (A), PHIL 3003 Symbolic Logic (A) and PHIL 4003 Mathematical Logic and Computability), REL, TH, and foreign languages.
- b. Natural and Mathematical Sciences are defined as any course from the following prefixes: ASTR, BIOC, BIOL, CHEM, CS (except CS 4883 Social Issues in Computing), GEOL, MATH, MICR, PBIO, PHYS, and STAT; or courses from other departments that carry an (A) or (N) general education designation.
- c. The required six hours of upper-division General Education may not include courses from the student's major department. This requirement may be satisfied by courses also used to satisfy any part of a student's degree program (i.e., in General Education, College Departmental Requirements, Major Requirements or Electives).
- d. Non-Western Studies Requirement for B.A. and B.F.A.; One 3-hour course in Non-Western Studies (N.W.). This requirement may be satisfied by courses also used to satisfy any part of a student's degree program (i.e., in General Education, College Departmental Requirements, Major Requirements or Electives).
- e. The College of Arts & Sciences requires a minimum 2.0 GPA in all major requirements and a minimum 2.0 GPA in all major-prefix courses applied to the degree.

**3. Foreign Language Proficiency**

- a. The foreign language requirement for the B.A. may be satisfied by 9 hours college credit in the same language, which must include 3 hours at the 2000-level, or equivalent proficiency (e.g., passing an advanced standing examination; TOEFL exam; presenting a high school transcript which demonstrates the high school was primarily conducted in a language other than English; etc.). Computer Science courses may not be used to satisfy this requirement. Currently Arabic and Mvskoke are not offered at the 2000-level at OSU.
- b. The foreign language requirement for the B.S., B.M. and B.F.A. may be satisfied by presenting a high school transcript which demonstrates two years of study of a single foreign language (passing grades at second-year level of study). It may also be satisfied by 6 hours college credit in the same language, which must include language courses 1713 and 1813, or equivalent proficiency (e.g., passing an advanced standing examination; TOEFL exam; presenting a high school transcript which demonstrates the high school was primarily conducted in a language other than English; etc.). Computer Science courses may not be used to satisfy this requirement.
- c. In addition to a. and b., students pursuing teacher certification must meet novice-high foreign language proficiency by presenting a high school transcript which demonstrates two years of study of a single foreign language with no grade below B. Or, students may complete 3 hours college credit in a single language with no grade below C (or pass an advanced standing examination, College Level Examination Program (CLEP) exam, or Oral Proficiency Interview developed by the American Council on the Teaching of Foreign Languages, equivalent to 3 hours of

college credit.) Or, students may meet the requirement by transfer of documentation of meeting the foreign language competency from one of the teacher education programs in the State of Oklahoma approved by the Oklahoma State Regents for Higher Education.

**4. Exclusions**

- a. Courses used to satisfy the General Education English Composition, U.S. History, American Government, and Mathematics or Statistics requirements will not count toward the 54-hour maximum allowed from one department.
- b. Courses with ATHL or LEIS prefixes and leisure activity courses may not be used for degree credit.

## Additional State/OSU Requirements

- At least: 60 hours at a four-year institution; 30 hours completed at OSU; 15 of the final 30 or 50% of the upper-division hours in the major field completed at OSU.
- Limit of: one-half of major course requirements as transfer work; one-fourth of hours earned by correspondence; 8 transfer correspondence hours.
- Students will be held responsible for degree requirements in effect at the time of matriculation and any changes that are made, so long as these changes do not result in semester credit hours being added or do not delay graduation.
- Degrees that follow this plan must be completed by the end of Summer 2028.

## Example Plan of Study

### Finish in Four Plan of Study

The plan below is an **example** of how students can successfully complete degree requirements in four years. This suggested class schedule plan may be used as a guide and can be adjusted based on individual needs. Students are required to meet with an academic advisor prior to enrollment each semester to plan their class schedule, and students are ultimately responsible for completing all degree requirements.

Course	Title	Hours
<b>Freshman</b>		
<b>Fall</b>		
GEOG 1114	Physical Geography (LN)	4
GEOG 1113 or GEOG 1713	Introduction to Cultural Geography (IS) or Regions & Nations in Global Context (IS)	3
1713 First Semester Foreign Language		3
General Education courses		4
<b>Hours</b>		<b>14</b>
<b>Spring</b>		
STAT 2013 or STAT 2053	Elementary Statistics (A) or Elementary Statistics for the Social Sciences (A)	3
GEOG 2344	Digital Tools for Environmental Problem-Solving (LN)	4
1813 Second Semester Foreign Language		3
General Education courses		6
<b>Hours</b>		<b>16</b>
<b>Sophomore</b>		
<b>Fall</b>		
2000-level Foreign Language		3
College and Elective courses		12
<b>Hours</b>		<b>15</b>
<b>Spring</b>		
GEOG 4203	Fundamentals of Geographic Information Systems	3

Major, College, and Elective courses		12
	<b>Hours</b>	<b>15</b>
<b>Junior</b>		
<b>Fall</b>		
Major, College, and Elective courses		15
	<b>Hours</b>	<b>15</b>
<b>Spring</b>		
GEOG 4323	Mapping in Modern Society	3
Major, College, and Elective courses		12
	<b>Hours</b>	<b>15</b>
<b>Senior</b>		
<b>Fall</b>		
GEOG 4313	Field Techniques and Geodata Collection	3
Major, College, and Elective courses		12
	<b>Hours</b>	<b>15</b>
<b>Spring</b>		
GEOG 4510 or GEOG 4993	Senior Project or Senior Honors Thesis	3
Major, College, and Elective courses		12
	<b>Hours</b>	<b>15</b>
	<b>Total Hours</b>	<b>120</b>

# Geography: Business Essentials, BS

## Degree Requirements

**Requirements for Students Matriculating in or before Academic Year 2022-2023.** Learn more about University Academic Regulation 3.1 (p. 943).

**Minimum Overall Grade Point Average:** 2.00

**Total Hours:** 120

Code	Title	Hours
<b>General Education Requirements</b>		
<i>English Composition</i>		
See Academic Regulation 3.5 (p. 944)		
ENGL 1113	Composition I	3
or ENGL 1313	Critical Analysis and Writing I	
Select one of the following:		3
ENGL 1213	Composition II	
ENGL 1413	Critical Analysis and Writing II	
ENGL 3323	Technical Writing	
<i>American History &amp; Government</i>		
HIST 1103	Survey of American History	3
or HIST 1483	American History to 1865 (H)	
or HIST 1493	American History Since 1865 (DH)	
POLS 1113	American Government	3
<i>Analytical &amp; Quantitative Thought (A)</i>		
Select one of the following:		3
STAT 2013	Elementary Statistics (A)	
STAT 2023	Elementary Statistics for Business and Economics (A)	
STAT 2053	Elementary Statistics for the Social Sciences (A)	
<i>Humanities (H)</i>		
Courses designated (H)		6
<i>Natural Sciences (N)</i>		
Must include one Laboratory Science (L) course.		
GEOG 1114	Physical Geography (LN)	4
2 hours designated (N)		2
<i>Social &amp; Behavioral Sciences (S)</i>		
Course designated (S)		3
<i>Additional General Education</i>		
Courses designated (A), (H), (N) or (S)		10
<b>Hours Subtotal</b>		<b>40</b>
<b>Diversity (D) &amp; International Dimension (I)</b>		
May be completed in any part of the degree plan.		
At least one Diversity (D) course.		
At least one International Dimension (I) course.		
<b>College/Departmental Requirements</b>		
<i>First Year Seminar</i>		
(Transfer students with 15 hours exempt.)		1
<i>Arts &amp; Humanities</i>		
(See note 2.a.)		3
<i>Natural &amp; Mathematical Sciences</i>		

(See note 2.b.)		9
<i>Foreign Languages</i>		
0-6 hours		
(See note 3.)		
<i>Upper-Division General Education</i>		
6 hours outside major department		
(See note 2.c.)		
<b>Hours Subtotal</b>		<b>13</b>
<b>Major Requirements</b>		
Minimum GPA 2.50.		
<i>Core</i>		
GEOG 1113	Introduction to Cultural Geography (IS)	3
or GEOG 1713	Regions & Nations in Global Context (IS)	
GEOG 3333	Spatial Analysis (A)	3
GEOG 4203	Fundamentals of Geographic Information Systems	3
GEOG 4313	Field Techniques and Geodata Collection	3
GEOG 4323	Mapping in Modern Society	3
Select one of the following:		3
GEOG 4333	Remote Sensing	
GEOG 4343	Geographic Information Systems: Resource Management Applications	
GEOG 4353	Geographic Information Systems: Socioeconomic Applications	
<i>Additional GEOG courses</i>		
Select 21 hours (18 hours must be upper-division)		21
<i>Business Essentials</i>		
ACCT 2003	Survey of Accounting	3
MGMT 3013	Fundamentals of Management (S)	3
MKTG 3213	Marketing (S)	3
3 hours from:		3
ECON 2003	Microeconomic Principles for Business	
EEE 2023	Introduction to Entrepreneurship	
LSB 3213	Legal and Regulatory Environment of Business	
MSIS 2103	Business Data Science Technologies	
<b>Hours Subtotal</b>		<b>51</b>
<b>Electives</b>		
16 hours of Electives		16
May need to include 6 hours of a foreign language (see note 3.).		
May need to include 6 hours upper-division general education outside major department (see note 2.c.) and 1 additional upper-division hour.		
MATH 1483 or MATH 1513 required for students who do not place directly into STAT.		
<b>Hours Subtotal</b>		<b>16</b>
<b>Total Hours</b>		<b>120</b>

## Other Requirements

- See the College of Arts and Sciences Requirements.
- Minimum GPA 2.00 in all GEOG courses.
- **Upper-Division Credit:** Total hours must include at least 40 hours in courses numbered 3000 or above.



- **Hours in One Department:** For B.A. and B.S. degrees, no more than 54 hours in one department may be applied to degree requirements.

## College of Arts and Sciences Requirements

### 1. General Education Requirements

No more than two courses (or eight hours) from the major department (<http://catalog.okstate.edu/college-arts-sciences-major-departments/>) may be used to meet General Education and College and Departmental Requirements. The General Education required English Composition, required U.S. History, required American Government, one required MATH or STAT course, and required foreign language for B.A. degrees do not count against the two-course maximum.

### 2. A&S College/Departmental Requirements

- Arts and Humanities are defined as any course carrying an (H) designation or courses from AMST, ART, DANC, ENGL (except ENGL 3323 Technical Writing) HIST, MUSI, PHIL (except PHIL 1313 Logic and Critical Thinking (A), PHIL 3003 Symbolic Logic (A) and PHIL 4003 Mathematical Logic and Computability), REL, TH, and foreign languages.
- Natural and Mathematical Sciences are defined as any course from the following prefixes: ASTR, BIOC, BIOL, CHEM, CS (except CS 4883 Social Issues in Computing), GEOL, MATH, MICR, PBIO, PHYS, and STAT; or courses from other departments that carry an (A) or (N) general education designation.
- The required six hours of upper-division General Education may not include courses from the student's major department. This requirement may be satisfied by courses also used to satisfy any part of a student's degree program (i.e., in General Education, College Departmental Requirements, Major Requirements or Electives).
- Non-Western Studies Requirement for B.A. and B.F.A.; One 3-hour course in Non-Western Studies (N.W.). This requirement may be satisfied by courses also used to satisfy any part of a student's degree program (i.e., in General Education, College Departmental Requirements, Major Requirements or Electives).
- The College of Arts & Sciences requires a minimum 2.0 GPA in all major requirements and a minimum 2.0 GPA in all major-prefix courses applied to the degree.

### 3. Foreign Language Proficiency

- The foreign language requirement for the B.A. may be satisfied by 9 hours college credit in the same language, which must include 3 hours at the 2000-level, or equivalent proficiency (e.g., passing an advanced standing examination; TOEFL exam; presenting a high school transcript which demonstrates the high school was primarily conducted in a language other than English; etc.). Computer Science courses may not be used to satisfy this requirement. Currently Arabic and Mvskoke are not offered at the 2000-level at OSU.
- The foreign language requirement for the B.S., B.M. and B.F.A. may be satisfied by presenting a high school transcript which demonstrates two years of study of a single foreign language (passing grades at second-year level of study). It may also be satisfied by 6 hours college credit in the same language, which must include language courses 1713 and 1813, or equivalent proficiency (e.g., passing an advanced standing examination; TOEFL exam; presenting a high school transcript which demonstrates the high school was primarily conducted in

a language other than English; etc.). Computer Science courses may not be used to satisfy this requirement.

- In addition to a. and b., students pursuing teacher certification must meet novice-high foreign language proficiency by presenting a high school transcript which demonstrates two years of study of a single foreign language with no grade below B. Or, students may complete 3 hours college credit in a single language with no grade below C (or pass an advanced standing examination, College Level Examination Program (CLEP) exam, or Oral Proficiency Interview developed by the American Council on the Teaching of Foreign Languages, equivalent to 3 hours of college credit.) Or, students may meet the requirement by transfer of documentation of meeting the foreign language competency from one of the teacher education programs in the State of Oklahoma approved by the Oklahoma State Regents for Higher Education.

### 4. Exclusions

- Courses used to satisfy the General Education English Composition, U.S. History, American Government, and Mathematics or Statistics requirements will not count toward the 54-hour maximum allowed from one department.
- Courses with ATHL or LEIS prefixes and leisure activity courses may not be used for degree credit.

## Additional State/OSU Requirements

- At least: 60 hours at a four-year institution; 30 hours completed at OSU; 15 of the final 30 or 50% of the upper-division hours in the major field completed at OSU.
- Limit of: one-half of major course requirements as transfer work; one-fourth of hours earned by correspondence; 8 transfer correspondence hours.
- Students will be held responsible for degree requirements in effect at the time of matriculation and any changes that are made, so long as these changes do not result in semester credit hours being added or do not delay graduation.
- Degrees that follow this plan must be completed by the end of Summer 2028.

## Example Plan of Study

### Finish in Four Plan of Study

The plan below is an **example** of how students can successfully complete degree requirements in four years. This suggested class schedule plan may be used as a guide and can be adjusted based on individual needs. Students are required to meet with an academic advisor prior to enrollment each semester to plan their class schedule, and students are ultimately responsible for completing all degree requirements.

Course	Title	Hours
<b>Freshman</b>		
<b>Fall</b>		
MATH 1483 or MATH 1513	Mathematical Functions and Their Uses (A) or College Algebra (A)	3
GEOG 1114	Physical Geography (LN)	4
GEOG 1113 or GEOG 1713	Introduction to Cultural Geography (IS) or Regions & Nations in Global Context (IS)	3
General Education courses		4
		<b>Hours</b>
		<b>14</b>
<b>Spring</b>		
STAT 2013 or STAT 2053	Elementary Statistics (A) or Elementary Statistics for the Social Sciences (A)	3

1202 Geography: Business Essentials, BS

GEOG 2344	Digital Tools for Environmental Problem-Solving (LN)	4
General Education courses		9
<b>Hours</b>		<b>16</b>
<b>Sophomore</b>		
<b>Fall</b>		
GEOG 3333	Spatial Analysis (A)	3
General Education courses		12
<b>Hours</b>		<b>15</b>
<b>Spring</b>		
GEOG 4203	Fundamentals of Geographic Information Systems	3
Major, College, and Elective courses		12
<b>Hours</b>		<b>15</b>
<b>Junior</b>		
<b>Fall</b>		
GEOG 4333 or GEOG 4343 or GEOG 4353	Remote Sensing or Geographic Information Systems: Resource Management Applications or Geographic Information Systems: Socioeconomic Applications	3
Major, College, and Elective courses		12
<b>Hours</b>		<b>15</b>
<b>Spring</b>		
GEOG 4323	Mapping in Modern Society	3
Major, College, and Elective courses		12
<b>Hours</b>		<b>15</b>
<b>Senior</b>		
<b>Fall</b>		
GEOG 4313	Field Techniques and Geodata Collection	3
Major, College, and Elective courses		12
<b>Hours</b>		<b>15</b>
<b>Spring</b>		
GEOG 4510 or GEOG 4993	Senior Project or Senior Honors Thesis	3
Major, College, and Elective courses		12
<b>Hours</b>		<b>15</b>
<b>Total Hours</b>		<b>120</b>

## Geography: Pre-Law, BA

### Degree Requirements

**Requirements for Students Matriculating in or before Academic Year 2022-2023.** Learn more about University Academic Regulation 3.1 (p. 943).

**Minimum Overall Grade Point Average:** 2.00

**Total Hours:** 120

Code	Title	Hours
<b>General Education Requirements</b>		
<i>English Composition</i>		
See Academic Regulation 3.5 (p. 944)		
ENGL 1113	Composition I	3
or ENGL 1313	Critical Analysis and Writing I	
Select one of the following:		3
ENGL 1213	Composition II	
ENGL 1413	Critical Analysis and Writing II	
ENGL 3323	Technical Writing	
<i>American History &amp; Government</i>		
HIST 1103	Survey of American History	3
or HIST 1483	American History to 1865 (H)	
or HIST 1493	American History Since 1865 (DH)	
POLS 1113	American Government	3
<i>Analytical &amp; Quantitative Thought</i>		
Select one of the following:		3
STAT 2013	Elementary Statistics (A)	
STAT 2023	Elementary Statistics for Business and Economics (A)	
STAT 2053	Elementary Statistics for the Social Sciences (A)	
<i>Humanities (H)</i>		
Courses designated (H)		6
<i>Natural Sciences (N)</i>		
Must include one Laboratory Science (L) course.		
GEOG 1114	Physical Geography (LN) <sup>1</sup>	4
2 hours designated (N)		2
<i>Social &amp; Behavioral Sciences (S)</i>		
Course designated (S)		3
<i>Additional General Education</i>		
Courses designated (A), (H), (N), or (S)		10
<b>Hours Subtotal</b>		<b>40</b>
<b>Diversity (D) &amp; International Dimension (I)</b>		
May be completed in any part of the degree plan.		
At least one Diversity (D) course:		
At least one International Dimension (I) course:		
<b>College/Departmental Requirements</b>		
<i>First Year Seminar</i>		
(Transfer students with 15 hours exempt)		1
<i>Arts &amp; Humanities</i>		
(See note 2.a.)		9
<i>Natural &amp; Mathematical Sciences</i>		

PHIL 1313	Logic and Critical Thinking (A)	3
(See note 2.b.)		
<i>Foreign Language</i>		
(See note 3.)		9
<i>Non-Western Studies</i>		
At least one course		
(See note 2.d.)		
<i>Upper-Division General Education</i>		
6 hours outside major department		
(See note 2.c.)		
<b>Hours Subtotal</b>		<b>22</b>
<b>Major Requirements</b>		
Minimum GPA 2.50.		
<i>Core Courses</i>		
GEOG 1113	Introduction to Cultural Geography (IS)	3
or GEOG 1713	Regions & Nations in Global Context (IS)	
GEOG 3213	Geographies of New Media (H)	3
or GEOG 3713	Exploring North America and Diversity (DS)	
GEOG 4203	Fundamentals of Geographic Information Systems	3
GEOG 4313	Field Techniques and Geodata Collection	3
<i>Additional GEOG courses</i>		
Select 18 hours (15 must be upper-division)		18
<i>Law-related courses</i>		
Select 15 hours from the following or at the discretion of the advisor.		15
AGEC 3713	Agricultural Law	
AMIS 4013	American Indian Sovereignty (D)	
AMST 3333	Crime, Law and American Culture (S)	
ENGL 3323	Technical Writing	
LSB 3213	Legal and Regulatory Environment of Business	
LSB 4633	Legal Aspects of International Business Transactions (I)	
PHIL 3843	Philosophy of Law (H)	
POLS 3033	International Law	
POLS 3983	Courts and Judicial Process (S)	
POLS 3993	Legal Research And Analysis	
POLS 4363	Environmental Law And Policy	
PSYC 4143	Psychology and Law	
SOC 4033	Comparative Perspectives of Criminal Justice Systems (IS)	
SOC 4103	The Death Penalty in America (S)	
SOC 4313	Sociology of Law	
SPCH 3733	Elements of Persuasion (S)	
<b>Hours Subtotal</b>		<b>45</b>
<b>Electives</b>		
<b>13</b>		
May need to include 6 hours upper-division general education outside major department (see note 2.c.) and 1 additional upper-division hour.		
MATH 1483 or MATH 1513 required for students who do not place directly into STAT.		

<b>Hours Subtotal</b>	<b>13</b>
<b>Total Hours</b>	<b>120</b>

1

College and Departmental Requirements that may be used to meet General Education Requirements

## Other Requirements

- See the College of Arts and Sciences Requirements.
- Minimum GPA 2.00 in all GEOG courses.
- **Upper-Division Credit:** Total hours must include at least 40 hours in courses numbered 3000 or above.
- **Hours in One Department:** For B.A. and B.S. degrees, no more than 54 hours in one department may be applied to degree requirements.

## College of Arts and Sciences Requirements

### 1. General Education Requirements

No more than two courses (or eight hours) from the major department (<http://catalog.okstate.edu/college-arts-sciences-major-departments/>) may be used to meet General Education and College and Departmental Requirements. The General Education required English Composition, required U.S. History, required American Government, one required MATH or STAT course, and required foreign language for B.A. degrees do not count against the two-course maximum.

### 2. A&S College/Departmental Requirements

- Arts and Humanities are defined as any course carrying an (H) designation or courses from AMST, ART, DANC, ENGL (except ENGL 3323 Technical Writing) HIST, MUSI, PHIL (except PHIL 1313 Logic and Critical Thinking (A), PHIL 3003 Symbolic Logic (A) and PHIL 4003 Mathematical Logic and Computability), REL, TH, and foreign languages.
- Natural and Mathematical Sciences are defined as any course from the following prefixes: ASTR, BIOC, BIOL, CHEM, CS (except CS 4883 Social Issues in Computing), GEOL, MATH, MICR, PBIO, PHYS, and STAT; or courses from other departments that carry an (A) or (N) general education designation.
- The required six hours of upper-division General Education may not include courses from the student's major department. This requirement may be satisfied by courses also used to satisfy any part of a student's degree program (i.e., in General Education, College Departmental Requirements, Major Requirements or Electives).
- Non-Western Studies Requirement for B.A. and B.F.A.; One 3-hour course in Non-Western Studies (N.W.). This requirement may be satisfied by courses also used to satisfy any part of a student's degree program (i.e., in General Education, College Departmental Requirements, Major Requirements or Electives).
- The College of Arts & Sciences requires a minimum 2.0 GPA in all major requirements and a minimum 2.0 GPA in all major-prefix courses applied to the degree.

### 3. Foreign Language Proficiency

- The foreign language requirement for the B.A. may be satisfied by 9 hours college credit in the same language, which must include 3 hours at the 2000-level, or equivalent proficiency (e.g., passing an advanced standing examination; TOEFL exam; presenting a high school transcript which demonstrates the high school

was primarily conducted in a language other than English; etc.). Computer Science courses may not be used to satisfy this requirement. Currently Arabic and Mvskoke are not offered at the 2000-level at OSU.

- The foreign language requirement for the B.S., B.M. and B.F.A. may be satisfied by presenting a high school transcript which demonstrates two years of study of a single foreign language (passing grades at second-year level of study). It may also be satisfied by 6 hours college credit in the same language, which must include language courses 1713 and 1813, or equivalent proficiency (e.g., passing an advanced standing examination; TOEFL exam; presenting a high school transcript which demonstrates the high school was primarily conducted in a language other than English; etc.). Computer Science courses may not be used to satisfy this requirement.
  - In addition to a. and b., students pursuing teacher certification must meet novice-high foreign language proficiency by presenting a high school transcript which demonstrates two years of study of a single foreign language with no grade below B. Or, students may complete 3 hours college credit in a single language with no grade below C (or pass an advanced standing examination, College Level Examination Program (CLEP) exam, or Oral Proficiency Interview developed by the American Council on the Teaching of Foreign Languages, equivalent to 3 hours of college credit.) Or, students may meet the requirement by transfer of documentation of meeting the foreign language competency from one of the teacher education programs in the State of Oklahoma approved by the Oklahoma State Regents for Higher Education.
- ### 4. Exclusions
- Courses used to satisfy the General Education English Composition, U.S. History, American Government, and Mathematics or Statistics requirements will not count toward the 54-hour maximum allowed from one department.
  - Courses with ATHL or LEIS prefixes and leisure activity courses may not be used for degree credit.

## Additional State/OSU Requirements

- At least: 60 hours at a four-year institution; 30 hours completed at OSU; 15 of the final 30 or 50% of the upper-division hours in the major field completed at OSU.
- Limit of: one-half of major course requirements as transfer work; one-fourth of hours earned by correspondence; 8 transfer correspondence hours.
- Students will be held responsible for degree requirements in effect at the time of matriculation and any changes that are made, so long as these changes do not result in semester credit hours being added or do not delay graduation.
- Degrees that follow this plan must be completed by the end of Summer 2028.

## Example Plan of Study

### Finish in Four Plan of Study

The plan below is an **example** of how students can successfully complete degree requirements in four years. This suggested class schedule plan may be used as a guide and can be adjusted based on individual needs. Students are required to meet with an academic advisor prior to

enrollment each semester to plan their class schedule, and students are ultimately responsible for completing all degree requirements.

Course	Title	Hours
<b>Freshman</b>		
<b>Fall</b>		
GEOG 1114	Physical Geography (LN)	4
GEOG 1113 or GEOG 1713	Introduction to Cultural Geography (IS) or Regions & Nations in Global Context (IS)	3
1713 First Semester Foreign Language		3
General Education courses		4
<b>Hours</b>		<b>14</b>
<b>Spring</b>		
STAT 2013 or STAT 2053	Elementary Statistics (A) or Elementary Statistics for the Social Sciences (A)	3
GEOG 2344	Digital Tools for Environmental Problem-Solving (LN)	4
1813 Second Semester Foreign Language		3
General Education courses		6
<b>Hours</b>		<b>16</b>
<b>Sophomore</b>		
<b>Fall</b>		
PHIL 1313	Logic and Critical Thinking (A)	3
2000-level Foreign Language		3
College and Elective courses		9
<b>Hours</b>		<b>15</b>
<b>Spring</b>		
GEOG 4203	Fundamentals of Geographic Information Systems	3
Major, College, and Elective courses		12
<b>Hours</b>		<b>15</b>
<b>Junior</b>		
<b>Fall</b>		
Major, College, and Elective courses		15
<b>Hours</b>		<b>15</b>
<b>Spring</b>		
GEOG 4323	Mapping in Modern Society	3
Major, College, and Elective courses		12
<b>Hours</b>		<b>15</b>
<b>Senior</b>		
<b>Fall</b>		
GEOG 4313	Field Techniques and Geodata Collection	3
Major, College, and Elective courses		12
<b>Hours</b>		<b>15</b>
<b>Spring</b>		
GEOG 4510 or GEOG 4993	Senior Project or Senior Honors Thesis	3
Major, College, and Elective courses		12
<b>Hours</b>		<b>15</b>
<b>Total Hours</b>		<b>120</b>

## Geography: Pre-Ministry, BA

### Degree Requirements

**Requirements for Students Matriculating in or before Academic Year 2022-2023.** Learn more about University Academic Regulation 3.1 (p. 943).

**Minimum Overall Grade Point Average:** 2.00

**Total Hours:** 120

Code	Title	Hours
<b>General Education Requirements</b>		
<i>English Composition</i>		
See Academic Regulation 3.5 (p. 944)		
ENGL 1113 or ENGL 1313	Composition I Critical Analysis and Writing I	3
Select one of the following:		3
ENGL 1213	Composition II	
ENGL 1413	Critical Analysis and Writing II	
ENGL 3323	Technical Writing	
<i>American History &amp; Government</i>		
HIST 1103 or HIST 1483 or HIST 1493	Survey of American History American History to 1865 (H) American History Since 1865 (DH)	3
POLS 1113	American Government	3
<i>Analytical &amp; Quantitative Thought (A)</i>		
Select one of the following:		3
STAT 2013	Elementary Statistics (A)	
STAT 2023	Elementary Statistics for Business and Economics (A)	
STAT 2053	Elementary Statistics for the Social Sciences (A)	
<i>Humanities (H)</i>		
Courses designated (H)		6
<i>Natural Sciences (N)</i>		
Must include one Laboratory Science (L) course.		
GEOG 1114	Physical Geography (LN)	4
2 hours designated (N)		2
<i>Social &amp; Behavioral Sciences (S)</i>		
Course designated (S)		3
<i>Additional General Education</i>		
Courses designated (A), (H), (N), or (S)		10
<b>Hours Subtotal</b>		<b>40</b>
<b>Diversity (D) &amp; International Dimension (I)</b>		
May be completed in any part of the degree plan.		
At least one Diversity (D) course.		
At least one International Dimension (I) course.		
<b>College/Departmental Requirements</b>		
<i>First Year Seminar</i>		
(Transfer students with 15 hours exempt.)		1
<i>Arts &amp; Humanities</i>		
(See note 2.a.)		9
<i>Natural &amp; Mathematical Sciences</i>		

(See note 2.b.)		3
<i>Foreign Language</i>		
(See note 3.)		9
<i>Non-Western Studies</i>		
At least one course.		
(See note 2.d.)		
<i>Upper-Division General Education</i>		
6 hours outside major department		
(See note 2.c.)		
<b>Hours Subtotal</b>		<b>22</b>
<b>Major Requirements</b>		
Minimum GPA 2.50.		
<i>Core</i>		
GEOG 1113 or GEOG 1713	Introduction to Cultural Geography (IS) Regions & Nations in Global Context (IS)	3
GEOG 3213 or GEOG 3713	Geographies of New Media (H) Exploring North America and Diversity (DS)	3
GEOG 4203	Fundamentals of Geographic Information Systems	3
GEOG 4313	Field Techniques and Geodata Collection	3
<i>Additional GEOG courses</i>		
Select 18 hours (15 hours must be upper-division)		18
<i>Pre-Ministry Preparation</i>		
Select 15 hours from the following:		
Select 9 hours upper-division REL courses, with at least 3 hours with non-Western emphasis		9
Select 6 hours upper-division (non-GEOG) Culture and Society courses from the following or at the discretion of the advisor:		6
AMST 3253	Globalization and American Culture (H)	
AMST 3473	Race, Gender, and Ethnicity in American Film (D)	
CPSY 3003	Introduction to Counseling and Related Professions	
HIST 3363	Popular Religion in the West, 1300-1700 (H)	
HIST 3583	Minorities and Diversity in the Middle East (H)	
HIST 3953	Religion in Modern Europe	
PHIL 3613	Philosophy of Religion (H)	
SOC 3133	Racial and Ethnic Relations (DS)	
SOC 4043	Gender and Work (DS)	
SOC 4533	World Population Problems	
SOC 4653	Gender and the Middle East (IS)	
SOC 4383	Social Stratification (S)	
SOC 4723	Sociology of Families (S)	
<b>Hours Subtotal</b>		<b>45</b>
<b>Electives</b>		
13 hours of Electives		13
May need to include 6 hours upper-division general education outside major department (see note 2.c.) and 1 additional upper-division hour.		
MATH 1483 or MATH 1513 required for students who do not place directly into STAT.		



Hours Subtotal	13
Total Hours	120

## Other Requirements

- See the College of Arts and Sciences Requirements.
- Minimum GPA 2.00 in all GEOG courses.
- **Upper-Division Credit:** Total hours must include at least 40 hours in courses numbered 3000 or above.
- **Hours in One Department:** For B.A. and B.S. degrees, no more than 54 hours in one department may be applied to degree requirements.

## College of Arts and Sciences Requirements

### 1. General Education Requirements

No more than two courses (or eight hours) from the major department (<http://catalog.okstate.edu/college-arts-sciences-major-departments/>) may be used to meet General Education and College and Departmental Requirements. The General Education required English Composition, required U.S. History, required American Government, one required MATH or STAT course, and required foreign language for B.A. degrees do not count against the two-course maximum.

### 2. A&S College/Departmental Requirements

- Arts and Humanities are defined as any course carrying an (H) designation or courses from AMST, ART, DANC, ENGL (except ENGL 3323 Technical Writing) HIST, MUSI, PHIL (except PHIL 1313 Logic and Critical Thinking (A), PHIL 3003 Symbolic Logic (A) and PHIL 4003 Mathematical Logic and Computability), REL, TH, and foreign languages.
- Natural and Mathematical Sciences are defined as any course from the following prefixes: ASTR, BIOC, BIOL, CHEM, CS (except CS 4883 Social Issues in Computing), GEOL, MATH, MICR, PBIO, PHYS, and STAT; or courses from other departments that carry an (A) or (N) general education designation.
- The required six hours of upper-division General Education may not include courses from the student's major department. This requirement may be satisfied by courses also used to satisfy any part of a student's degree program (i.e., in General Education, College Departmental Requirements, Major Requirements or Electives).
- Non-Western Studies Requirement for B.A. and B.F.A.; One 3-hour course in Non-Western Studies (N.W.). This requirement may be satisfied by courses also used to satisfy any part of a student's degree program (i.e., in General Education, College Departmental Requirements, Major Requirements or Electives).
- The College of Arts & Sciences requires a minimum 2.0 GPA in all major requirements and a minimum 2.0 GPA in all major-prefix courses applied to the degree.

### 3. Foreign Language Proficiency

- The foreign language requirement for the B.A. may be satisfied by 9 hours college credit in the same language, which must include 3 hours at the 2000-level, or equivalent proficiency (e.g., passing an advanced standing examination; TOEFL exam; presenting a high school transcript which demonstrates the high school was primarily conducted in a language other than English; etc.). Computer Science courses may not be used to satisfy this requirement. Currently Arabic and Mvskoke are not offered at the 2000-level at OSU.

- The foreign language requirement for the B.S., B.M. and B.F.A. may be satisfied by presenting a high school transcript which demonstrates two years of study of a single foreign language (passing grades at second-year level of study). It may also be satisfied by 6 hours college credit in the same language, which must include language courses 1713 and 1813, or equivalent proficiency (e.g., passing an advanced standing examination; TOEFL exam; presenting a high school transcript which demonstrates the high school was primarily conducted in a language other than English; etc.). Computer Science courses may not be used to satisfy this requirement.
- In addition to a. and b., students pursuing teacher certification must meet novice-high foreign language proficiency by presenting a high school transcript which demonstrates two years of study of a single foreign language with no grade below B. Or, students may complete 3 hours college credit in a single language with no grade below C (or pass an advanced standing examination, College Level Examination Program (CLEP) exam, or Oral Proficiency Interview developed by the American Council on the Teaching of Foreign Languages, equivalent to 3 hours of college credit.) Or, students may meet the requirement by transfer of documentation of meeting the foreign language competency from one of the teacher education programs in the State of Oklahoma approved by the Oklahoma State Regents for Higher Education.

### 4. Exclusions

- Courses used to satisfy the General Education English Composition, U.S. History, American Government, and Mathematics or Statistics requirements will not count toward the 54-hour maximum allowed from one department.
- Courses with ATHL or LEIS prefixes and leisure activity courses may not be used for degree credit.

## Additional State/OSU Requirements

- At least: 60 hours at a four-year institution; 30 hours completed at OSU; 15 of the final 30 or 50% of the upper-division hours in the major field completed at OSU.
- Limit of: one-half of major course requirements as transfer work; one-fourth of hours earned by correspondence; 8 transfer correspondence hours.
- Students will be held responsible for degree requirements in effect at the time of matriculation and any changes that are made, so long as these changes do not result in semester credit hours being added or do not delay graduation.
- Degrees that follow this plan must be completed by the end of Summer 2028.

## Example Plan of Study

### Finish in Four Plan of Study

The plan below is an **example** of how students can successfully complete degree requirements in four years. This suggested class schedule plan may be used as a guide and can be adjusted based on individual needs. Students are required to meet with an academic advisor prior to enrollment each semester to plan their class schedule, and students are ultimately responsible for completing all degree requirements.

Course	Title	Hours
<b>Freshman</b>		
<b>Fall</b>		
GEOG 1114	Physical Geography (LN)	4
GEOG 1113 or GEOG 1713	Introduction to Cultural Geography (IS) or Regions & Nations in Global Context (IS)	3
1713 First Semester Foreign Language		3
General Education courses		4
<b>Hours</b>		<b>14</b>
<b>Spring</b>		
STAT 2013 or STAT 2053	Elementary Statistics (A) or Elementary Statistics for the Social Sciences (A)	3
GEOG 2344	Digital Tools for Environmental Problem-Solving (LN)	4
1813 Second Semester Foreign Language		3
General Education courses		6
<b>Hours</b>		<b>16</b>
<b>Sophomore</b>		
<b>Fall</b>		
2000-level Foreign Language		3
College and Elective courses		12
<b>Hours</b>		<b>15</b>
<b>Spring</b>		
GEOG 4203	Fundamentals of Geographic Information Systems	3
Major, College, and Elective courses		12
<b>Hours</b>		<b>15</b>
<b>Junior</b>		
<b>Fall</b>		
Major, College, and Elective courses		15
<b>Hours</b>		<b>15</b>
<b>Spring</b>		
GEOG 4323	Mapping in Modern Society	3
Major, College, and Elective courses		12
<b>Hours</b>		<b>15</b>
<b>Senior</b>		
<b>Fall</b>		
GEOG 4313	Field Techniques and Geodata Collection	3
Major, College, and Elective courses		12
<b>Hours</b>		<b>15</b>
<b>Spring</b>		
GEOG 4510 or GEOG 4993	Senior Project or Senior Honors Thesis	3
Major, College, and Elective courses		12
<b>Hours</b>		<b>15</b>
<b>Total Hours</b>		<b>120</b>

# Geospatial Information Science, BS

## Degree Requirements

**Requirements for Students Matriculating in or before Academic Year 2022-2023.** Learn more about University Academic Regulation 3.1 (p. 943).

**Minimum Overall Grade Point Average:** 2.00

**Total Hours:** 120

Code	Title	Hours
<b>General Education Requirements</b>		
<i>English Composition</i>		
See Academic Regulation 3.5 (p. 944)		
ENGL 1113	Composition I	3
or ENGL 1313	Critical Analysis and Writing I	
Select one of the following:		3
ENGL 1213	Composition II	
ENGL 1413	Critical Analysis and Writing II	
ENGL 3323	Technical Writing	
<i>American History &amp; Government</i>		
HIST 1103	Survey of American History	3
or HIST 1483	American History to 1865 (H)	
or HIST 1493	American History Since 1865 (DH)	
POLS 1113	American Government	3
<i>Analytical &amp; Quantitative Thought (A)</i>		
MATH 2144	Calculus I (A) <sup>1</sup>	4
<i>Humanities (H)</i>		
Courses designated (H)		6
<i>Natural Sciences (N)</i>		
Must include one Laboratory Science (L) course		
GEOG 1114	Physical Geography (LN) <sup>1</sup>	4
2 hours designated (N)		2
<i>Social &amp; Behavioral Sciences (S)</i>		
Course designated (S)		3
<i>Additional General Education</i>		
Courses designated (A), (H), (N), or (S)		9
<b>Hours Subtotal</b>		<b>40</b>
<b>Diversity (D) &amp; International Dimension (I)</b>		
May be completed in any part of the degree plan		
Select at least one Diversity (D) course		
Select at least one International Dimension (I) course		
<b>College/Departmental Requirements</b>		
<i>First Year Seminar</i>		
(Transfer students with 15 hours exempt)		1
<i>Arts &amp; Humanities</i>		
See note 2.a.		3
<i>Natural &amp; Mathematical Sciences</i>		
CS 1113	Computer Science I (A)	3
Select 6 additional hours		6
See note 2.b.		
<i>Foreign Language</i>		
See note 3		

0-6 hours		
<i>Upper-Division General Education</i>		
Select 6 hours outside major department		
See note 2.c.		
<b>Hours Subtotal</b>		<b>13</b>
<b>Major Requirements</b>		
Minimum GPA 2.50.		
<i>Core courses</i>		
GEOG 2344	Digital Tools for Environmental Problem-Solving (LN)	4
GEOG 3333	Spatial Analysis (A)	3
GEOG 4203	Fundamentals of Geographic Information Systems	3
GEOG 4323	Mapping in Modern Society	3
GEOG 4333	Remote Sensing	3
GEOG 4343	Geographic Information Systems: Resource Management Applications	3
GEOG 4353	Geographic Information Systems: Socioeconomic Applications	3
GEOG 4383	Introduction to GIS Programming	3
GEOG 4943	Geospatial Information Science Internship/Research Capstone	3
CS 2133	Computer Science II	3
Select one of the following:		3
STAT 2013	Elementary Statistics (A)	
STAT 2023	Elementary Statistics for Business and Economics (A)	
STAT 2053	Elementary Statistics for the Social Sciences (A)	
Select 6 hours upper-division GEOG courses		6
Select 6 hours upper-division (non-GEOG) departmental approved related courses		6
<b>Hours Subtotal</b>		<b>46</b>
<b>Electives</b>		
Select 21 hours		21
May need to include 6 hours of a foreign language (see note 3)		
May need to include 6 hours upper-division general education outside major department (see note 2.c.) and 7 additional upper-division hours		
<b>Hours Subtotal</b>		<b>21</b>
<b>Total Hours</b>		<b>120</b>

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College and Departmental Requirements that may be used to meet General Education Requirements

## Other Requirements

- See the College of Arts and Sciences Requirements.
- Minimum GPA 2.00 in all GEOG courses.
- **Upper-Division Credit:** Total hours must include at least 40 hours in courses numbered 3000 or above.
- **Hours in One Department:** For B.A. and B.S. degrees, no more than 54 hours in one department may be applied to degree requirements.

## College of Arts and Sciences Requirements

### 1. General Education Requirements

No more than two courses (or eight hours) from the major department (<http://catalog.okstate.edu/college-arts-sciences-major-departments/>) may be used to meet General Education and College and Departmental Requirements. The General Education required English Composition, required U.S. History, required American Government, one required MATH or STAT course, and required foreign language for B.A. degrees do not count against the two-course maximum.

### 2. A&S College/Departmental Requirements

- Arts and Humanities are defined as any course carrying an (H) designation or courses from AMST, ART, DANC, ENGL (except ENGL 3323 Technical Writing) HIST, MUSI, PHIL (except PHIL 1313 Logic and Critical Thinking (A), PHIL 3003 Symbolic Logic (A) and PHIL 4003 Mathematical Logic and Computability), REL, TH, and foreign languages.
- Natural and Mathematical Sciences are defined as any course from the following prefixes: ASTR, BIOC, BIOL, CHEM, CS (except CS 4883 Social Issues in Computing), GEOL, MATH, MICR, PBIO, PHYS, and STAT; or courses from other departments that carry an (A) or (N) general education designation.
- The required six hours of upper-division General Education may not include courses from the student's major department. This requirement may be satisfied by courses also used to satisfy any part of a student's degree program (i.e., in General Education, College Departmental Requirements, Major Requirements or Electives).
- Non-Western Studies Requirement for B.A. and B.F.A.; One 3-hour course in Non-Western Studies (N.W.). This requirement may be satisfied by courses also used to satisfy any part of a student's degree program (i.e., in General Education, College Departmental Requirements, Major Requirements or Electives).
- The College of Arts & Sciences requires a minimum 2.0 GPA in all major requirements and a minimum 2.0 GPA in all major-prefix courses applied to the degree.

### 3. Foreign Language Proficiency

- The foreign language requirement for the B.A. may be satisfied by 9 hours college credit in the same language, which must include 3 hours at the 2000-level, or equivalent proficiency (e.g., passing an advanced standing examination; TOEFL exam; presenting a high school transcript which demonstrates the high school was primarily conducted in a language other than English; etc.). Computer Science courses may not be used to satisfy this requirement. Currently Arabic and Mvskoke are not offered at the 2000-level at OSU.
- The foreign language requirement for the B.S., B.M. and B.F.A. may be satisfied by presenting a high school transcript which demonstrates two years of study of a single foreign language (passing grades at second-year level of study). It may also be satisfied by 6 hours college credit in the same language, which must include language courses 1713 and 1813, or equivalent proficiency (e.g., passing an advanced standing examination; TOEFL exam; presenting a high school transcript which demonstrates the high school was primarily conducted in a language other than English; etc.). Computer Science courses may not be used to satisfy this requirement.

- In addition to a. and b., students pursuing teacher certification must meet novice-high foreign language proficiency by presenting a high school transcript which demonstrates two years of study of a single foreign language with no grade below B. Or, students may complete 3 hours college credit in a single language with no grade below C (or pass an advanced standing examination, College Level Examination Program (CLEP) exam, or Oral Proficiency Interview developed by the American Council on the Teaching of Foreign Languages, equivalent to 3 hours of college credit.) Or, students may meet the requirement by transfer of documentation of meeting the foreign language competency from one of the teacher education programs in the State of Oklahoma approved by the Oklahoma State Regents for Higher Education.

### 4. Exclusions

- Courses used to satisfy the General Education English Composition, U.S. History, American Government, and Mathematics or Statistics requirements will not count toward the 54-hour maximum allowed from one department.
- Courses with ATHL or LEIS prefixes and leisure activity courses may not be used for degree credit.

## Additional State/OSU Requirements

- At least: 60 hours at a four-year institution; 30 hours completed at OSU; 15 of the final 30 or 50% of the upper-division hours in the major field completed at OSU.
- Limit of: one-half of major course requirements as transfer work; one-fourth of hours earned by correspondence; 8 transfer correspondence hours.
- Students will be held responsible for degree requirements in effect at the time of matriculation and any changes that are made, so long as these changes do not result in semester credit hours being added or do not delay graduation.
- Degrees that follow this plan must be completed by the end of Summer 2028.

## Example Plan of Study

### Finish in Four Plan of Study

The plan below is an **example** of how students can successfully complete degree requirements in four years. This suggested class schedule plan may be used as a guide and can be adjusted based on individual needs. Students are required to meet with an academic advisor prior to enrollment each semester to plan their class schedule, and students are ultimately responsible for completing all degree requirements.

Course	Title	Hours
<b>Freshman</b>		
<b>Fall</b>		
MATH 2144	Calculus I (A)	4
GEOG 1114	Physical Geography (LN)	4
General Education Courses		6
		<b>Hours</b>
		<b>14</b>
<b>Spring</b>		
STAT 2013 or STAT 2053	Elementary Statistics (A) or Elementary Statistics for the Social Sciences (A)	3
GEOG 2344	Digital Tools for Environmental Problem-Solving (LN)	4
CS 1113	Computer Science I (A)	3
General Education Courses		6
		<b>Hours</b>
		<b>16</b>

**Sophomore****Fall**

GEOG 3333	Spatial Analysis (A)	3
College and Elective courses		9
CS 2133	Computer Science II	3
<b>Hours</b>		<b>15</b>

**Spring**

GEOG 4203	Fundamentals of Geographic Information Systems	3
Major, College, and Elective courses		12
<b>Hours</b>		<b>15</b>

**Junior****Fall**

GEOG 4333	Remote Sensing	3
GEOG 4383	Introduction to GIS Programming	3
Major, College, and Elective courses		9
<b>Hours</b>		<b>15</b>

**Spring**

GEOG 4323	Mapping in Modern Society	3
Major, College, and Elective courses		12
<b>Hours</b>		<b>15</b>

**Senior****Fall**

GEOG 4343	Geographic Information Systems: Resource Management Applications	3
GEOG 4353	Geographic Information Systems: Socioeconomic Applications	3
GEOG 4943	Geospatial Information Science Internship/Research Capstone	3
Major, College, and Elective courses		6
<b>Hours</b>		<b>15</b>

**Spring**

Major, College, and Elective courses		15
<b>Hours</b>		<b>15</b>
<b>Total Hours</b>		<b>120</b>

## Geospatial Information Technologies (GSIT), Minor

### Requirements for Students Matriculating in or before Academic Year

2022-2023. Learn more about University Academic Regulation 3.1 (p. 943).

Sarah Mutschelknaus, 101B SSH, 405-744-8197

**Minimum Grade and/or GPA for Minor Courses:** 2.5 and no lower than a "C" in any course used toward the minor requirements.

**Total Hours:** 16

Code	Title	Hours
<b>Course Requirements</b>		
GEOG 2344	Digital Tools for Environmental Problem-Solving (LN)	4
GEOG 4203	Fundamentals of Geographic Information Systems	3
Select three courses from the following:		9
GEOG 4343	Geographic Information Systems: Resource Management Applications	
GEOG 4353	Geographic Information Systems: Socioeconomic Applications	
GEOG 4333	Remote Sensing	
GEOG 4323	Mapping in Modern Society	
GEOG 4383	Introduction to GIS Programming	
GEOG 4263	Geospatial Applications for Unmanned Aerial Systems	
GEOG 4303	Applications of the Global Positioning System in Field Research	
GEOG 4313	Field Techniques and Geodata Collection	
<b>Total Hours</b>		<b>16</b>

## Additional OSU Requirements

### Undergraduate Minors

- An undergraduate minor must include between fifteen and thirty hours, inclusive of undergraduate coursework.
- A minimum of six credit hours for the minor must be earned in residence at OSU.
- The courses required for a minor may be included in the course requirements for any undergraduate degree or they may be in addition to degree requirements, depending on the overlap between the minor and degree requirements. However, an undergraduate minor must be earned in an academic field other than the student's declared degree option. The minor may not duplicate the degree major or option (for example, a student who earns a BA in Art with an Art History option may earn a minor in Studio Art but not Art History).
- A student generally follows the minor requirements associated with his or her matriculation year or newer requirements that have been established since matriculation. The time limit for following requirements from a given academic year is six years.

For additional information on requirements on minors, click here (<https://adminfinance.okstate.edu/site-files/documents/policies/requirements-for-undergraduate-and-graduate-minors.pdf>).



## Global Studies (GLST), Minor

**Requirements for Students Matriculating in or before Academic Year 2022-2023.** Learn more about University Academic Regulation 3.1 (p. 943).

Sarah Mutschelknaus, 101B SSH, 405-744-8197.

**Minimum grade and/or GPA:** 2.5 and no longer than a "C" in any course used toward the minor requirements.

**Total Hours:** 17

Code	Title	Hours
<b>Minor Requirements</b>		
GEOG 2002 or GLST 2002	Global Sustainability (N) Global Sustainability (N)	2
GEOG 2103 or GLST 2103	Global Perspectives (IS) Global Perspectives (IS)	3
Select any four of the following optional courses:		12
GEOG 3053 or GLST 3053	Introduction to Central Asia Studies (IS) Introduction to Central Asia Studies	
GEOG 3713 or GLST 3713	Exploring North America and Diversity (DS) Exploring North America and Diversity (DS)	
GEOG 3723 or GLST 3723	Europe (IS) Europe (IS)	
GEOG 3733 or GLST 3733	Russia and Its Neighbors (IS) Russia and Its Neighbors (IS)	
GEOG 3743 or GLST 3743	Latin America (IS) Latin America (IS)	
GEOG 3753 or GLST 3753	Asia (IS) Asia (IS)	
GEOG 3763 or GLST 3763	Africa (IS) Africa (IS)	
GEOG 3783 or GLST 3783	The Middle East (IS) The Middle East (IS)	
GEOG 3793 or GLST 3793	Australia and the Pacific Realm (IS) Australia and the Pacific Realm (IS)	
One second year or higher foreign language may be substituted for one of the optional courses above.		
<b>Total Hours</b>		<b>17</b>

## Other Requirements

- No grade below "C."

## Additional OSU Requirements

### Undergraduate Minors

- An undergraduate minor must include between fifteen and thirty hours, inclusive of undergraduate coursework.
- A minimum of six credit hours for the minor must be earned in residence at OSU.
- The courses required for a minor may be included in the course requirements for any undergraduate degree or they may be in addition to degree requirements, depending on the overlap between the minor and degree requirements. However, an undergraduate minor must be earned in an academic field other than the student's declared degree

option. The minor may not duplicate the degree major or option (for example, a student who earns a BA in Art with an Art History option may earn a minor in Studio Art but not Art History).

- A student generally follows the minor requirements associated with his or her matriculation year or newer requirements that have been established since matriculation. The time limit for following requirements from a given academic year is six years.

For additional information on requirements on minors, click here (<https://adminfinance.okstate.edu/site-files/documents/policies/requirements-for-undergraduate-and-graduate-minors.pdf>).

# Global Studies, BA

## Degree Requirements

**Requirements for Students Matriculating in or before Academic Year 2022-2023.** Learn more about University Academic Regulation 3.1 (p. 943).

**Minimum Overall Grade Point Average:** 2.00

**Total Hours:** 120

Code	Title	Hours
<b>General Education Requirements</b>		
<i>English Composition</i>		
See Academic Regulation 3.5 (p. 944)		
ENGL 1113	Composition I	3
or ENGL 1313	Critical Analysis and Writing I	
Select one of the following:		3
ENGL 1213	Composition II	
ENGL 1413	Critical Analysis and Writing II	
ENGL 3323	Technical Writing	
<i>American History &amp; Government</i>		
HIST 1103	Survey of American History	3
or HIST 1483	American History to 1865 (H)	
or HIST 1493	American History Since 1865 (DH)	
POLS 1113	American Government	3
<i>Analytical &amp; Quantitative Thought (A)</i>		
Select one of the following:		3
STAT 2013	Elementary Statistics (A)	
STAT 2023	Elementary Statistics for Business and Economics (A)	
STAT 2053	Elementary Statistics for the Social Sciences (A)	
<i>Humanities (H)</i>		
Courses designated (H)		6
<i>Natural Sciences (N)</i>		
Must include one Laboratory Science (L) course		
GEOG 1114	Physical Geography (LN)	4
2 hours designated (N)		2
<i>Social &amp; Behavioral Sciences (S)</i>		
Course designated (S)		3
<i>Additional General Education</i>		
Courses designated (A), (H), (N), or (S)		10
<b>Hours Subtotal</b>		<b>40</b>
<b>Diversity (D) &amp; International Dimension (I)</b>		
May be completed in any part of the degree plan		
Select at least one Diversity (D) course		
Select at least one International Dimension (I) course		
<b>College/Departmental Requirements</b>		
<i>First Year Seminar</i>		
(Transfer students with 15 hours exempt)		1
<i>Arts &amp; Humanities</i>		
See note 2.a.		9
<i>Natural &amp; Mathematical Sciences</i>		

See note 2.b.		3
<i>Foreign Language</i>		
See note 3		9
<i>Non-Western Studies</i>		
At least one course		
See note 2.d.		
<i>Upper-Division General Education</i>		
Select 6 hours outside major department		
See note 2.c.		
<b>Hours Subtotal</b>		<b>22</b>
<b>Major Requirements</b>		
Minimum GPA 2.50.		
GEOG 1113	Introduction to Cultural Geography (IS)	3
GEOG 1713	Regions & Nations in Global Context (IS)	3
GEOG/GLST 2103	Global Perspectives (IS)	3
GEOG/GLST 2002	Global Sustainability (N)	2
GLST 4513	Senior Capstone Experience	3
<i>Skills Requirement</i>		
Select one of the following or another course at the discretion of the advisor:		3
GEOG 4203	Fundamentals of Geographic Information Systems	
GEOG 4313	Field Techniques and Geodata Collection	
GEOG 3333	Spatial Analysis (A)	
or, a second 2000-level foreign language course		
<i>Regional Study</i>		
Western region:		
Select one of the following:		3
GLST 3713	Exploring North America and Diversity (DS)	
or GEOG 3713	Exploring North America and Diversity (DS)	
GLST 3723	Europe (IS)	
or GEOG 3723	Europe (IS)	
GLST 3743	Latin America (IS)	
or GEOG 3743	Latin America (IS)	
GLST 3793	Australia and the Pacific Realm (IS)	
or GEOG 3793	Australia and the Pacific Realm (IS)	
Non-Western region:		
Select one of the following:		3
GLST 3053	Introduction to Central Asia Studies	
or GEOG 3053	Introduction to Central Asia Studies (IS)	
GLST 3733	Russia and Its Neighbors (IS)	
or GEOG 3733	Russia and Its Neighbors (IS)	
GLST 3753	Asia (IS)	
or GEOG 3753	Asia (IS)	
GLST 3763	Africa (IS)	
or GEOG 3763	Africa (IS)	
GLST 3783	The Middle East (IS)	
or GEOG 3783	The Middle East (IS)	
Additional GEOG/GLST courses		6
<i>Thematic Courses</i>		
Select five courses from one category (p. 1215)		15
<b>Hours Subtotal</b>		<b>44</b>

<b>Electives</b>	
Select 14 hours	14
May need to include 6 hours upper-division general education outside major department (see note 2.c.) and 7 additional upper-division hours	
MATH 1483 or MATH 1513 required for students who do not place directly into STAT.	
<b>Hours Subtotal</b>	<b>14</b>
<b>Total Hours</b>	<b>120</b>

## Categories

### Culture, the Arts and Humanities

Code	Title	Hours
ANTH 3353	Cultural Anthropology (IS)	3
ANTH 3443	Peoples of Mesoamerica (IS)	3
ANTH 4883	Comparative Cultures (IS)	3
ART 4703	Art East and West: Biases and Borrowings	3
ART 4713	The Visual Culture of the Islamic World (HI)	3
ART 4793	Architecture and Space in East Asia	3
ENGL 3463	History of International Film (HI)	3
ENGL 4350	Contemporary International Cinema	3
GEOG 3173	Cultural Geography (S)	3
GEOG 3213	Geographies of New Media (H)	3
GEOG 4143	Geography of Travel and Tourism	3
GWST 4950	Special Topics in Global Feminism	3
HIST 3133	African Diaspora History (DH)	3
HIST 3353	Mediterranean World	3
HIST 3543	Israel & Palestine in Modern Times (HI)	3
HIST 3583	Minorities and Diversity in the Middle East (H)	3
PHIL 1213	Philosophies of Life (H)	3
PHIL 2513	Philosophy and Culture (H)	3
PHIL 3613	Philosophy of Religion (H)	3
PHIL 3623	Philosophy of Race (DH)	3
PHIL 3943	Asian Philosophy (HI)	3
PHIL 4943	Indian Philosophy	3
PHIL 4953	East Asian Philosophy	3
REL 1103	Introduction to World Religions (HI)	3
REL/SOC 3713	Religion, Culture and Society	3
REL 4113	The World of Islam: Cultural Perspectives (HI)	3
REL 4213	Understanding Global Islam (HI)	3
REL 4223	Religion and Conflict in the Middle East (HI)	3
SOC 4653	Gender and the Middle East (IS)	3

### Geopolitics and the Global Economy

Code	Title	Hours
ECON 1113	The Economics of Social Issues (S)	3
ECON 3613	International Economic Relations (IS)	3
ECON 4643	International Economic Development (IS)	3
EEE 4403	Social Entrepreneurship	3
ENTO/PLP 2143	Global Agricultural Biosecurity and Forensics	3

GEOG 3123	Urban Geography (S)	3
GEOG 3133	Political Geography (IS)	3
GEOG 3163	Economic Geography (S)	3
GEOG 3183	Transportation Geography	3
MKTG 3993	International Business (I)	3
POLS 2113	Introduction to Comparative Politics (IS)	3
POLS 2013	Introduction to International Relations (S)	3
POLS 3003	The Soviet Union: History, Society and Culture (IS)	3
POLS 3033	International Law	3
POLS 3123	Russian & Eurasian Politics (I)	3
POLS 3163	African Politics (I)	3
POLS 3193	Latin American Politics (IS)	3
POLS 3223	Asian Politics	3
POLS 3313	Middle Eastern Politics	3
POLS 3893	Terrorism & Counterterrorism	3
POLS 4013	American Foreign Policy	3
POLS 4043	Global Political Economy	3
POLS 4113	International Organization	3
POLS 4223	Social Movements	3

### Sustainability

Code	Title	Hours
BIOL 1113	Introductory Biology (N)	4
& BIOL 1111 or BIOL 1114	and Introductory Biology Laboratory (LN) Introductory Biology (LN)	
ENTO 2003	Insects and Society (N)	3
ENTO 2223	Insects in Global Public Health (N)	3
ENVR 1113	Elements of Environmental Science (N)	3
GEOG 2344	Digital Tools for Environmental Problem-Solving (LN)	4
GEOG 3023	Climatology (N)	3
GEOG 3153	Conservation of Natural Resources (S)	3
GEOG 4113	Environment and Development	3
GEOG 4003	Natural Hazards and Society	3
GEOG 4073	Climate Change: Past, Present, and Future	3
GEOG 4233	Human Dimensions of Global Environmental Change	3
HIST 4063	Historic Preservation	3
NREM 4043	Natural Resource Administration and Policy	3
NSCI 3543	Food and the Human Environment (IS)	3
SOC 4433	Environmental Sociology (S)	3
SOC 4533	World Population Problems	3

### Other Requirements

- See the College of Arts and Sciences Requirements.
- Minimum 2.00 GPA in all GEOG and GLST courses.
- **Upper-Division Credit:** Total hours must include at least 40 hours in courses numbered 3000 or above.
- **Hours in One Department:** For B.A. and B.S. degrees, no more than 54 hours in one department may be applied to degree requirements.

## College of Arts and Sciences Requirements

### 1. General Education Requirements

No more than two courses (or eight hours) from the major department (<http://catalog.okstate.edu/college-arts-sciences-major-departments/>) may be used to meet General Education and College and Departmental Requirements. The General Education required English Composition, required U.S. History, required American Government, one required MATH or STAT course, and required foreign language for B.A. degrees do not count against the two-course maximum.

### 2. A&S College/Departmental Requirements

- Arts and Humanities are defined as any course carrying an (H) designation or courses from AMST, ART, DANC, ENGL (except ENGL 3323 Technical Writing) HIST, MUSI, PHIL (except PHIL 1313 Logic and Critical Thinking (A), PHIL 3003 Symbolic Logic (A) and PHIL 4003 Mathematical Logic and Computability), REL, TH, and foreign languages.
- Natural and Mathematical Sciences are defined as any course from the following prefixes: ASTR, BIOC, BIOL, CHEM, CS (except CS 4883 Social Issues in Computing), GEOL, MATH, MICR, PBIO, PHYS, and STAT; or courses from other departments that carry an (A) or (N) general education designation.
- The required six hours of upper-division General Education may not include courses from the student's major department. This requirement may be satisfied by courses also used to satisfy any part of a student's degree program (i.e., in General Education, College Departmental Requirements, Major Requirements or Electives).
- Non-Western Studies Requirement for B.A. and B.F.A.; One 3-hour course in Non-Western Studies (N.W.). This requirement may be satisfied by courses also used to satisfy any part of a student's degree program (i.e., in General Education, College Departmental Requirements, Major Requirements or Electives).
- The College of Arts & Sciences requires a minimum 2.0 GPA in all major requirements and a minimum 2.0 GPA in all major-prefix courses applied to the degree.

### 3. Foreign Language Proficiency

- The foreign language requirement for the B.A. may be satisfied by 9 hours college credit in the same language, which must include 3 hours at the 2000-level, or equivalent proficiency (e.g., passing an advanced standing examination; TOEFL exam; presenting a high school transcript which demonstrates the high school was primarily conducted in a language other than English; etc.). Computer Science courses may not be used to satisfy this requirement. Currently Arabic and Mvskoke are not offered at the 2000-level at OSU.
- The foreign language requirement for the B.S., B.M. and B.F.A. may be satisfied by presenting a high school transcript which demonstrates two years of study of a single foreign language (passing grades at second-year level of study). It may also be satisfied by 6 hours college credit in the same language, which must include language courses 1713 and 1813, or equivalent proficiency (e.g., passing an advanced standing examination; TOEFL exam; presenting a high school transcript which demonstrates the high school was primarily conducted in a language other than English; etc.). Computer Science courses may not be used to satisfy this requirement.

- In addition to a. and b., students pursuing teacher certification must meet novice-high foreign language proficiency by presenting a high school transcript which demonstrates two years of study of a single foreign language with no grade below B. Or, students may complete 3 hours college credit in a single language with no grade below C (or pass an advanced standing examination, College Level Examination Program (CLEP) exam, or Oral Proficiency Interview developed by the American Council on the Teaching of Foreign Languages, equivalent to 3 hours of college credit.) Or, students may meet the requirement by transfer of documentation of meeting the foreign language competency from one of the teacher education programs in the State of Oklahoma approved by the Oklahoma State Regents for Higher Education.

### 4. Exclusions

- Courses used to satisfy the General Education English Composition, U.S. History, American Government, and Mathematics or Statistics requirements will not count toward the 54-hour maximum allowed from one department.
- Courses with ATHL or LEIS prefixes and leisure activity courses may not be used for degree credit.

## Additional State/OSU Requirements

- At least: 60 hours at a four-year institution; 30 hours completed at OSU; 15 of the final 30 or 50% of the upper-division hours in the major field completed at OSU.
- Limit of: one-half of major course requirements as transfer work; one-fourth of hours earned by correspondence; 8 transfer correspondence hours.
- Students will be held responsible for degree requirements in effect at the time of matriculation and any changes that are made, so long as these changes do not result in semester credit hours being added or do not delay graduation.
- Degrees that follow this plan must be completed by the end of Summer 2028.

## Example Plan of Study

### Finish in Four Plan of Study

The plan below is an example of how students can successfully complete degree requirements in four years. This suggested class schedule plan may be used as a guide and can be adjusted based on individual needs. Students are required to meet with an academic advisor prior to enrollment each semester to plan their class schedule, and students are ultimately responsible for completing all degree requirements.

Course	Title	Hours
<b>Freshman</b>		
<b>Fall</b>		
GEOG 1113	Introduction to Cultural Geography (IS)	3
GEOG 1114	Physical Geography (LN)	4
1713	First Semester Foreign Language	3
General Education courses		4
		<b>Hours</b>
		<b>14</b>
<b>Spring</b>		
STAT 2053 or STAT 2013 or STAT 2023	Elementary Statistics for the Social Sciences (A) or Elementary Statistics (A) or Elementary Statistics for Business and Economics (A)	3
GEOG 1713	Regions & Nations in Global Context (IS)	3
1813	Second Semester Foreign Language	3

General Education courses		7
	<b>Hours</b>	<b>16</b>
<b>Sophomore</b>		
<b>Fall</b>		
GLST 2002	Global Sustainability (N)	2
2000-level Foreign Language		3
General Education courses		10
	<b>Hours</b>	<b>15</b>
<b>Spring</b>		
GLST 2103	Global Perspectives (IS)	3
Major, College, and Elective courses		12
	<b>Hours</b>	<b>15</b>
<b>Junior</b>		
<b>Fall</b>		
Major, College, and Elective courses		15
	<b>Hours</b>	<b>15</b>
<b>Spring</b>		
Major, College, and Elective courses		15
	<b>Hours</b>	<b>15</b>
<b>Senior</b>		
<b>Fall</b>		
Major, College, and Elective courses		15
	<b>Hours</b>	<b>15</b>
<b>Spring</b>		
GLST 4513	Senior Capstone Experience	3
Major, College, and Elective courses		12
	<b>Hours</b>	<b>15</b>
	<b>Total Hours</b>	<b>120</b>

# Global Studies: Business Essentials, BA

## Degree Requirements

**Requirements for Students Matriculating in or before Academic Year 2022-2023.** Learn more about University Academic Regulation 3.1 (p. 943).

**Minimum Overall Grade Point Average: 2.00**

**Total Hours: 120**

Code	Title	Hours
<b>General Education Requirements</b>		
<i>English Composition</i>		
See Academic Regulation 3.5 (p. 944)		
ENGL 1113 or ENGL 1313	Composition I Critical Analysis and Writing I	3
Select one of the following:		3
ENGL 1213	Composition II	
ENGL 1413	Critical Analysis and Writing II	
ENGL 3323	Technical Writing	
<i>American History &amp; Government</i>		
HIST 1103 or HIST 1483 or HIST 1493	Survey of American History American History to 1865 (H) American History Since 1865 (DH)	3
POLS 1113	American Government	3
<i>Analytical &amp; Quantitative Thought (A)</i>		
MATH 1483	Mathematical Functions and Their Uses (A) (or higher excluding MATH 1493))	3
STAT 2013 or STAT 2023 or STAT 2053	Elementary Statistics (A) Elementary Statistics for Business and Economics (A) Elementary Statistics for the Social Sciences (A)	3
<i>Humanities (H)</i>		
Courses designated (H)		6
<i>Natural Sciences (N)</i>		
Must include one Laboratory Science (L) course.		
GEOG 1114	Physical Geography (LN)	4
2 hours designated (N)		2
<i>Social &amp; Behavioral Sciences (S)</i>		
Course designated (S)		3
<i>Additional General Education</i>		
Courses designated (A), (H), (N), or (S)		7
<b>Hours Subtotal</b>		<b>40</b>
<b>Diversity (D) &amp; International Dimension (I)</b>		
May be completed in any part of the degree plan.		
At least one Diversity (D) course.		
At least one International Dimension (I) course.		
<b>College/Departmental Requirements</b>		
<i>First Year Seminar</i>		
(Transfer students with 15 hours exempt.)		1
<i>Arts &amp; Humanities</i>		
(See note 2.a.)		9

### Natural & Mathematical Sciences

(See note 2.b.) 3

### Foreign Language

(See note 3.) 9

### Non-Western Studies

At least one course (See note 2.d.)

### Upper-Division General Education

6 hours outside major department (See note 2.c.)

**Hours Subtotal 22**

### Major Requirements

Minimum GPA 2.50.

GEOG 1113 Introduction to Cultural Geography (IS) 3

GEOG 1713 Regions & Nations in Global Context (IS) 3

GLST 2103 Global Perspectives (IS) 3  
or GEOG 2103 Global Perspectives (IS)

GLST 2002 Global Sustainability (N) 2  
or GEOG 2002 Global Sustainability (N)

GLST 4513 Senior Capstone Experience 3

*Skills Requirement (one of the following or another course at the discretion of the advisor):* 3

GEOG 4203 Fundamentals of Geographic Information Systems

GEOG 4313 Field Techniques and Geodata Collection

GEOG 3333 Spatial Analysis (A)

or a second 2000-level course in ASL, CHIN, GREK, GRMN, JAPN, LATN, RUSS, or SPAN

### Regional Study (6 hours, select one from each category):

Western Region (3 hours): 3

GLST 3713 Exploring North America and Diversity (DS)

GEOG 3713 Exploring North America and Diversity (DS)

GLST 3723 Europe (IS)

GEOG 3723 Europe (IS)

GLST 3743 Latin America (IS)

GEOG 3743 Latin America (IS)

GLST 3793 Australia and the Pacific Realm (IS)

GEOG 3793 Australia and the Pacific Realm (IS)

Non-Western Region (3 hours): 3

GLST 3053 Introduction to Central Asia Studies

GEOG 3053 Introduction to Central Asia Studies (IS)

GLST 3733 Russia and Its Neighbors (IS)

GEOG 3733 Russia and Its Neighbors (IS)

GLST 3753 Asia (IS)

GEOG 3753 Asia (IS)

GLST 3763 Africa (IS)

GEOG 3763 Africa (IS)

GLST 3783 The Middle East (IS)

GEOG 3783 The Middle East (IS)

*Additional GEOG/GLST courses (3 hours)* 3

### Thematic courses (12 hours):

Select four courses from one category. 12

### Culture, the Arts, and Humanities:

ANTH 3353 Cultural Anthropology (IS)

ANTH 3443 Peoples of Mesoamerica (IS)



ANTH 4883	Comparative Cultures (IS)
ART 4703	Art East and West: Biases and Borrowings
ART 4713	The Visual Culture of the Islamic World (HI)
ART 4793	Architecture and Space in East Asia
ENGL 3463	History of International Film (HI)
ENGL 4350	Contemporary International Cinema
GEOG 3173	Cultural Geography (S)
GEOG 3213	Geographies of New Media (H)
GEOG 4143	Geography of Travel and Tourism
GWST 4950	Special Topics in Global Feminism
HIST 3133	African Diaspora History (DH)
HIST 3353	Mediterranean World
HIST 3543	Israel & Palestine in Modern Times (HI)
HIST 3583	Minorities and Diversity in the Middle East (H)
PHIL 1213	Philosophies of Life (H)
PHIL 2513	Philosophy and Culture (H)
PHIL 3613	Philosophy of Religion (H)
PHIL 3623	Philosophy of Race (DH)
PHIL 3943	Asian Philosophy (HI)
PHIL 4943	Indian Philosophy
PHIL 4953	East Asian Philosophy
REL 1103	Introduction to World Religions (HI)
REL 3713	Religion, Culture and Society
REL 4113	The World of Islam: Cultural Perspectives (HI)
REL 4213	Understanding Global Islam (HI)
REL 4223	Religion and Conflict in the Middle East (HI)
SOC 3713	Religion, Culture and Society
SOC 4653	Gender and the Middle East (IS)
<b>Geopolitics and the Global Economy:</b>	
ECON 1113	The Economics of Social Issues (S)
ECON 3613	International Economic Relations (IS)
ECON 4643	International Economic Development (IS)
ENTO 2143	Global Agricultural Biosecurity and Forensics
or PLP 2143	Global Agricultural Biosecurity and Forensics
GEOG 3123	Urban Geography (S)
GEOG 3133	Political Geography (IS)
GEOG 3163	Economic Geography (S)
GEOG 3183	Transportation Geography
MKTG 3993	International Business (I)
POLS 2013	Introduction to International Relations (S)
POLS 2113	Introduction to Comparative Politics (IS)
POLS 3003	The Soviet Union: History, Society and Culture (IS)
POLS 3033	International Law
POLS 3123	Russian & Eurasian Politics (I)
POLS 3163	African Politics (I)
POLS 3193	Latin American Politics (IS)
POLS 3223	Asian Politics
POLS 3313	Middle Eastern Politics
POLS 3893	Terrorism & Counterterrorism

POLS 4013	American Foreign Policy	
POLS 4043	Global Political Economy	
POLS 4113	International Organization	
POLS 4223	Social Movements	
<b>Sustainability:</b>		
BIOL 1113 & BIOL 1111 or BIOL 1114	Introductory Biology (N) and Introductory Biology Laboratory (LN)	
ENTO 2003	Insects and Society (N)	
ENTO 2223	Insects in Global Public Health (N)	
ENVR 1113	Elements of Environmental Science (N)	
GEOG 2344	Digital Tools for Environmental Problem-Solving (LN)	
GEOG 3023	Climatology (N)	
GEOG 3153	Conservation of Natural Resources (S)	
GEOG 4003	Natural Hazards and Society	
GEOG 4073	Climate Change: Past, Present, and Future	
GEOG 4113	Environment and Development	
GEOG 4233	Human Dimensions of Global Environmental Change	
HIST 4063	Historic Preservation	
NREM 4043	Natural Resource Administration and Policy	
NSCI 3543	Food and the Human Environment (IS)	
SOC 4433	Environmental Sociology (S)	
SOC 4533	World Population Problems	
<b>Business Essentials:</b>		
ACCT 2003	Survey of Accounting	3
MGMT 3013	Fundamentals of Management (S)	3
MKTG 3213	Marketing (S)	3
<b>Select three hours from:</b>		3
ECON 2003	Microeconomic Principles for Business	
EEE 2023	Introduction to Entrepreneurship	
LSB 3213	Legal and Regulatory Environment of Business	
MSIS 2103	Business Data Science Technologies	

<b>Hours Subtotal</b>	<b>50</b>
<b>Electives</b>	
8 hours of Electives	8
May need to include 6 hours upper-division general education outside major department (see note 2.c.) and one additional upper-division hour.	
<b>Hours Subtotal</b>	<b>8</b>
<b>Total Hours</b>	<b>120</b>

## Other Requirements

- See the College of Arts and Sciences Requirements.
- Minimum 2.00 GPA in all GEOG and GLST courses.
- **Upper-Division Credit:** Total hours must include at least 40 hours in courses numbered 3000 or above.
- **Hours in One Department:** For B.A. and B.S. degrees, no more than 54 hours in one department may be applied to degree requirements.

## College of Arts and Sciences Requirements

### 1. General Education Requirements

No more than two courses (or eight hours) from the major department (<http://catalog.okstate.edu/college-arts-sciences-major-departments/>) may be used to meet General Education and College and Departmental Requirements. The General Education required English Composition, required U.S. History, required American Government, one required MATH or STAT course, and required foreign language for B.A. degrees do not count against the two-course maximum.

### 2. A&S College/Departmental Requirements

- a. Arts and Humanities are defined as any course carrying an (H) designation or courses from AMST, ART, DANC, ENGL (except ENGL 3323 Technical Writing) HIST, MUSI, PHIL (except PHIL 1313 Logic and Critical Thinking (A), PHIL 3003 Symbolic Logic (A) and PHIL 4003 Mathematical Logic and Computability), REL, TH, and foreign languages.
- b. Natural and Mathematical Sciences are defined as any course from the following prefixes: ASTR, BIOC, BIOL, CHEM, CS (except CS 4883 Social Issues in Computing), GEOL, MATH, MICR, PBIO, PHYS, and STAT; or courses from other departments that carry an (A) or (N) general education designation.
- c. The required six hours of upper-division General Education may not include courses from the student's major department. This requirement may be satisfied by courses also used to satisfy any part of a student's degree program (i.e., in General Education, College Departmental Requirements, Major Requirements or Electives).
- d. Non-Western Studies Requirement for B.A. and B.F.A.; One 3-hour course in Non-Western Studies (N.W.). This requirement may be satisfied by courses also used to satisfy any part of a student's degree program (i.e., in General Education, College Departmental Requirements, Major Requirements or Electives).
- e. The College of Arts & Sciences requires a minimum 2.0 GPA in all major requirements and a minimum 2.0 GPA in all major-prefix courses applied to the degree.

### 3. Foreign Language Proficiency

- a. The foreign language requirement for the B.A. may be satisfied by 9 hours college credit in the same language, which must include 3 hours at the 2000-level, or equivalent proficiency (e.g., passing an advanced standing examination; TOEFL exam; presenting a high school transcript which demonstrates the high school was primarily conducted in a language other than English; etc.). Computer Science courses may not be used to satisfy this requirement. Currently Arabic and Mvskoke are not offered at the 2000-level at OSU.
- b. The foreign language requirement for the B.S., B.M. and B.F.A. may be satisfied by presenting a high school transcript which demonstrates two years of study of a single foreign language (passing grades at second-year level of study). It may also be satisfied by 6 hours college credit in the same language, which must include language courses 1713 and 1813, or equivalent proficiency (e.g., passing an advanced standing examination; TOEFL exam; presenting a high school transcript which demonstrates the high school was primarily conducted in a language other than English; etc.). Computer Science courses may not be used to satisfy this requirement.

- c. In addition to a. and b., students pursuing teacher certification must meet novice-high foreign language proficiency by presenting a high school transcript which demonstrates two years of study of a single foreign language with no grade below B. Or, students may complete 3 hours college credit in a single language with no grade below C (or pass an advanced standing examination, College Level Examination Program (CLEP) exam, or Oral Proficiency Interview developed by the American Council on the Teaching of Foreign Languages, equivalent to 3 hours of college credit.) Or, students may meet the requirement by transfer of documentation of meeting the foreign language competency from one of the teacher education programs in the State of Oklahoma approved by the Oklahoma State Regents for Higher Education.

### 4. Exclusions

- a. Courses used to satisfy the General Education English Composition, U.S. History, American Government, and Mathematics or Statistics requirements will not count toward the 54-hour maximum allowed from one department.
- b. Courses with ATHL or LEIS prefixes and leisure activity courses may not be used for degree credit.

## Additional OSU Requirements Undergraduate Minors

- An undergraduate minor must include between fifteen and thirty hours, inclusive of undergraduate coursework.
- A minimum of six credit hours for the minor must be earned in residence at OSU.
- The courses required for a minor may be included in the course requirements for any undergraduate degree or they may be in addition to degree requirements, depending on the overlap between the minor and degree requirements. However, an undergraduate minor must be earned in an academic field other than the student's declared degree option. The minor may not duplicate the degree major or option (for example, a student who earns a BA in Art with an Art History option may earn a minor in Studio Art but not Art History).
- A student generally follows the minor requirements associated with his or her matriculation year or newer requirements that have been established since matriculation. The time limit for following requirements from a given academic year is six years.

For additional information on requirements on minors, click here (<https://adminfinance.okstate.edu/site-files/documents/policies/requirements-for-undergraduate-and-graduate-minors.pdf>).

## Example Plan of Study

### Finish in Four Plan of Study

The plan below is an **example** of how students can successfully complete degree requirements in four years. This suggested class schedule plan may be used as a guide and can be adjusted based on individual needs. Students are required to meet with an academic advisor prior to enrollment each semester to plan their class schedule, and students are ultimately responsible for completing all degree requirements.

Course	Title	Hours
<b>Freshman</b>		
<b>Fall</b>		
GEOG 1113	Introduction to Cultural Geography (IS)	3
GEOG 1114	Physical Geography (LN)	4

1713 First Semester Foreign Language		3
General Education courses		4
<b>Hours</b>		<b>14</b>
<b>Spring</b>		
STAT 2053 or STAT 2013 or STAT 2023	Elementary Statistics for the Social Sciences (A) or Elementary Statistics (A) or Elementary Statistics for Business and Economics (A)	3
GEOG 1713	Regions & Nations in Global Context (IS)	3
1813 Second Semester Foreign Language		3
General Education courses		7
<b>Hours</b>		<b>16</b>
<b>Sophomore</b>		
<b>Fall</b>		
GLST 2002	Global Sustainability (N)	2
2000-level Foreign Language		3
General Education courses		10
<b>Hours</b>		<b>15</b>
<b>Spring</b>		
GLST 2103	Global Perspectives (IS)	3
Major, College, and Elective courses		12
<b>Hours</b>		<b>15</b>
<b>Junior</b>		
<b>Fall</b>		
Major, College, and Elective courses		15
<b>Hours</b>		<b>15</b>
<b>Spring</b>		
Major, College, and Elective courses		15
<b>Hours</b>		<b>15</b>
<b>Senior</b>		
<b>Fall</b>		
Major, College, and Elective courses		15
<b>Hours</b>		<b>15</b>
<b>Spring</b>		
GLST 4513	Senior Capstone Experience	3
Major, College, and Elective courses		12
<b>Hours</b>		<b>15</b>
<b>Total Hours</b>		<b>120</b>

# Global Studies: Pre-Law, BA

## Degree Requirements

**Requirements for Students Matriculating in or before Academic Year 2022-2023.** Learn more about University Academic Regulation 3.1 (p. 943).

**Minimum Overall Grade Point Average:** 2.00

**Total Hours:** 120

Code	Title	Hours
<b>General Education Requirements</b>		
<i>English Composition</i>		
See Academic Regulation 3.5 (p. 944)		
ENGL 1113	Composition I	3
or ENGL 1313	Critical Analysis and Writing I	
Select one of the following:		3
ENGL 1213	Composition II	
ENGL 1413	Critical Analysis and Writing II	
ENGL 3323	Technical Writing	
<i>American History &amp; Government</i>		
HIST 1103	Survey of American History	3
or HIST 1483	American History to 1865 (H)	
or HIST 1493	American History Since 1865 (DH)	
POLS 1113	American Government	3
<i>Analytical &amp; Quantitative Thought</i>		
Select one of the following:		3
STAT 2013	Elementary Statistics (A)	
STAT 2023	Elementary Statistics for Business and Economics (A)	
STAT 2053	Elementary Statistics for the Social Sciences (A)	
<i>Humanities (H)</i>		
Courses designated (H)		6
<i>Natural Sciences (N)</i>		
Must include one Laboratory Science (L) course.		
GEOG 1114	Physical Geography (LN)	4
2 hours designated (N)		2
<i>Social &amp; Behavioral Sciences (S)</i>		
Course designated (S)		3
<i>Additional General Education</i>		
Courses designated (A), (H), (N), or (S)		10
<b>Hours Subtotal</b>		<b>40</b>
<b>Diversity (D) &amp; International Dimension (I)</b>		
May be completed in any part of the degree plan.		
At least one Diversity (D) course.		
At least one International Dimension (I) course.		
<b>College/Departmental Requirements</b>		
<i>First Year Seminar</i>		
(Transfer students with 15 hours exempt.)		1
<i>Arts &amp; Humanities</i>		
(See note 2.a.)		9
<i>Natural &amp; Mathematical Sciences</i>		

PHIL 1313	Logic and Critical Thinking (A)	3
(See note 2.b.)		
<i>Foreign Language</i>		
(See note 3.)		9
<i>Non-Western Studies</i>		
At least one course (See note 2.d.)		
<i>Upper-Division General Education</i>		
6 hours outside major department (See note 2.c.)		
<b>Hours Subtotal</b>		<b>22</b>
<b>Major Requirements</b>		
Minimum GPA 2.50.		
GEOG 1113	Introduction to Cultural Geography (IS)	3
or GEOG 1713	Regions & Nations in Global Context (IS)	
GLST 2103	Global Perspectives (IS)	3
or GEOG 2103	Global Perspectives (IS)	
GLST 2002	Global Sustainability (N)	2
or GEOG 2002	Global Sustainability (N)	
GLST 4513	Senior Capstone Experience	3
<i>Skills Requirement (one of the following or another course at the discretion of the advisor):</i>		3
GEOG 4203	Fundamentals of Geographic Information Systems	
GEOG 4313	Field Techniques and Geodata Collection	
GEOG 3333	Spatial Analysis (A)	
or second 2000-level foreign language		
Regional Study (6 hours, select one from each category):		
Western Region (3 hours):		3
GEOG 3243	Legal Geography of Native America, Sovereign Tribal Nations, and Indian Country (DS)	
GLST 3713	Exploring North America and Diversity (DS)	
GEOG 3713	Exploring North America and Diversity (DS)	
GLST 3723	Europe (IS)	
GEOG 3723	Europe (IS)	
GLST 3743	Latin America (IS)	
GEOG 3743	Latin America (IS)	
GLST 3793	Australia and the Pacific Realm (IS)	
GEOG 3793	Australia and the Pacific Realm (IS)	
Non-Western Region (3 hours):		3
GLST 3053	Introduction to Central Asia Studies	
GEOG 3053	Introduction to Central Asia Studies (IS)	
GLST 3733	Russia and Its Neighbors (IS)	
GEOG 3733	Russia and Its Neighbors (IS)	
GLST 3753	Asia (IS)	
GEOG 3753	Asia (IS)	
GLST 3763	Africa (IS)	
GEOG 3763	Africa (IS)	
GLST 3783	The Middle East (IS)	
GEOG 3783	The Middle East (IS)	
Additional GEOG/GLST courses (6 hours)		6
3 hours upper-division GEOG/GLST or foreign language		3
Law-related courses (15 hours):		15
AMIS 4013	American Indian Sovereignty (D)	

AMST 3333	Crime, Law and American Culture (S)
ENGL 3323	Technical Writing
LSB 3213	Legal and Regulatory Environment of Business
LSB 4633	Legal Aspects of International Business Transactions (I)
NREM 4043	Natural Resource Administration and Policy
PHIL 3513	Social Philosophy (H)
PHIL 3843	Philosophy of Law (H)
POLS 3033	International Law
POLS 3983	Courts and Judicial Process (S)
POLS 4363	Environmental Law And Policy
POLS 4043	Global Political Economy
PSYC 4143	Psychology and Law
SOC 4033	Comparative Perspectives of Criminal Justice Systems (IS)
SOC 4103	The Death Penalty in America (S)
SOC 4313	Sociology of Law
SPCH 3733	Elements of Persuasion (S)
<b>Hours Subtotal</b>	<b>44</b>
<b>Electives</b>	
14 hours of Electives	14
May need to include 6 hours upper-division general education outside major department (see note 2.c.) and one additional upper-division hour.	
MATH 1483 or MATH 1513 required for students who do not place directly into STAT.	
<b>Hours Subtotal</b>	<b>14</b>
<b>Total Hours</b>	<b>120</b>

## Other Requirements

- See the College of Arts and Sciences Requirements.
- Minimum 2.00 GPA in all GEOG and GLST courses.
- **Upper-Division Credit:** Total hours must include at least 40 hours in courses numbered 3000 or above.
- **Hours in One Department:** For B.A. and B.S. degrees, no more than 54 hours in one department may be applied to degree requirements.

## College of Arts and Sciences Requirements

### 1. General Education Requirements

No more than two courses (or eight hours) from the major department (<http://catalog.okstate.edu/college-arts-sciences-major-departments/>) may be used to meet General Education and College and Departmental Requirements. The General Education required English Composition, required U.S. History, required American Government, one required MATH or STAT course, and required foreign language for B.A. degrees do not count against the two-course maximum.

### 2. A&S College/Departmental Requirements

- Arts and Humanities are defined as any course carrying an (H) designation or courses from AMST, ART, DANC, ENGL (except ENGL 3323 Technical Writing) HIST, MUSI, PHIL (except PHIL 1313 Logic and Critical Thinking (A), PHIL 3003 Symbolic

Logic (A) and PHIL 4003 Mathematical Logic and Computability), REL, TH, and foreign languages.

- Natural and Mathematical Sciences are defined as any course from the following prefixes: ASTR, BIOC, BIOL, CHEM, CS (except CS 4883 Social Issues in Computing), GEOL, MATH, MICR, PBIO, PHYS, and STAT; or courses from other departments that carry an (A) or (N) general education designation.
  - The required six hours of upper-division General Education may not include courses from the student's major department. This requirement may be satisfied by courses also used to satisfy any part of a student's degree program (i.e., in General Education, College Departmental Requirements, Major Requirements or Electives).
  - Non-Western Studies Requirement for B.A. and B.F.A.; One 3-hour course in Non-Western Studies (N.W.). This requirement may be satisfied by courses also used to satisfy any part of a student's degree program (i.e., in General Education, College Departmental Requirements, Major Requirements or Electives).
  - The College of Arts & Sciences requires a minimum 2.0 GPA in all major requirements and a minimum 2.0 GPA in all major-prefix courses applied to the degree.
- ### 3. Foreign Language Proficiency
- The foreign language requirement for the B.A. may be satisfied by 9 hours college credit in the same language, which must include 3 hours at the 2000-level, or equivalent proficiency (e.g., passing an advanced standing examination; TOEFL exam; presenting a high school transcript which demonstrates the high school was primarily conducted in a language other than English; etc.). Computer Science courses may not be used to satisfy this requirement. Currently Arabic and Mvskoke are not offered at the 2000-level at OSU.
  - The foreign language requirement for the B.S., B.M. and B.F.A. may be satisfied by presenting a high school transcript which demonstrates two years of study of a single foreign language (passing grades at second-year level of study). It may also be satisfied by 6 hours college credit in the same language, which must include language courses 1713 and 1813, or equivalent proficiency (e.g., passing an advanced standing examination; TOEFL exam; presenting a high school transcript which demonstrates the high school was primarily conducted in a language other than English; etc.). Computer Science courses may not be used to satisfy this requirement.
  - In addition to a. and b., students pursuing teacher certification must meet novice-high foreign language proficiency by presenting a high school transcript which demonstrates two years of study of a single foreign language with no grade below B. Or, students may complete 3 hours college credit in a single language with no grade below C (or pass an advanced standing examination, College Level Examination Program (CLEP) exam, or Oral Proficiency Interview developed by the American Council on the Teaching of Foreign Languages, equivalent to 3 hours of college credit.) Or, students may meet the requirement by transfer of documentation of meeting the foreign language competency from one of the teacher education programs in the State of Oklahoma approved by the Oklahoma State Regents for Higher Education.
- ### 4. Exclusions
- Courses used to satisfy the General Education English Composition, U.S. History, American Government, and

Mathematics or Statistics requirements will not count toward the 54-hour maximum allowed from one department.

- b. Courses with ATHL or LEIS prefixes and leisure activity courses may not be used for degree credit.

## Additional State/OSU Requirements

- At least: 60 hours at a four-year institution; 30 hours completed at OSU; 15 of the final 30 or 50% of the upper-division hours in the major field completed at OSU.
- Limit of: one-half of major course requirements as transfer work; one-fourth of hours earned by correspondence; 8 transfer correspondence hours.
- Students will be held responsible for degree requirements in effect at the time of matriculation and any changes that are made, so long as these changes do not result in semester credit hours being added or do not delay graduation.
- Degrees that follow this plan must be completed by the end of Summer 2028.

## Example Plan of Study

### Finish in Four Plan of Study

The plan below is an **example** of how students can successfully complete degree requirements in four years. This suggested class schedule plan may be used as a guide and can be adjusted based on individual needs. Students are required to meet with an academic advisor prior to enrollment each semester to plan their class schedule, and students are ultimately responsible for completing all degree requirements.

Course	Title	Hours
<b>Freshman</b>		
<b>Fall</b>		
GEOG 1113	Introduction to Cultural Geography (IS)	3
GEOG 1114	Physical Geography (LN)	4
1713	First Semester Foreign Language	3
General Education courses		4
<b>Hours</b>		<b>14</b>
<b>Spring</b>		
STAT 2053 or STAT 2013 or STAT 2023	Elementary Statistics for the Social Sciences (A) or Elementary Statistics (A) or Elementary Statistics for Business and Economics (A)	3
GEOG 1713	Regions & Nations in Global Context (IS)	3
1813	Second Semester Foreign Language	3
General Education courses		7
<b>Hours</b>		<b>16</b>
<b>Sophomore</b>		
<b>Fall</b>		
GLST 2002	Global Sustainability (N)	2
2000-level Foreign Language		3
PHIL 1313	Logic and Critical Thinking (A)	3
General Education courses		7
<b>Hours</b>		<b>15</b>
<b>Spring</b>		
GLST 2103	Global Perspectives (IS)	3
Major, College, and Elective courses		12
<b>Hours</b>		<b>15</b>
<b>Junior</b>		
<b>Fall</b>		
Major, College, and Elective courses		15
<b>Hours</b>		<b>15</b>

<b>Spring</b>		
Major, College, and Elective courses		15
<b>Hours</b>		<b>15</b>
<b>Senior</b>		
<b>Fall</b>		
Major, College, and Elective courses		15
<b>Hours</b>		<b>15</b>
<b>Spring</b>		
GLST 4513	Senior Capstone Experience	3
Major, College, and Elective courses		12
<b>Hours</b>		<b>15</b>
<b>Total Hours</b>		<b>120</b>



## Global Studies: Pre-Ministry, BA

### Degree Requirements

**Requirements for Students Matriculating in or before Academic Year 2022-2023.** Learn more about University Academic Regulation 3.1 (p. 943).

**Minimum Overall Grade Point Average:** 2.00

**Total Hours:** 120

Code	Title	Hours
<b>General Education Requirements</b>		
<i>English Composition</i>		
See Academic Regulation 3.5 (p. 944)		
ENGL 1113	Composition I	3
or ENGL 1313	Critical Analysis and Writing I	
Select one from the following:		3
ENGL 1213	Composition II	
ENGL 1413	Critical Analysis and Writing II	
ENGL 3323	Technical Writing	
<i>American History &amp; Government</i>		
HIST 1103	Survey of American History	3
or HIST 1483	American History to 1865 (H)	
or HIST 1493	American History Since 1865 (DH)	
POLS 1113	American Government	3
<i>Analytical &amp; Quantitative Thought (A)</i>		
Select one from the following:		3
STAT 2013	Elementary Statistics (A)	
STAT 2023	Elementary Statistics for Business and Economics (A)	
STAT 2053	Elementary Statistics for the Social Sciences (A)	
<i>Humanities (H)</i>		
Courses designated (H)		6
<i>Natural Sciences (N)</i>		
Must include one Laboratory Science (L) course.		
GEOG 1114	Physical Geography (LN)	4
2 hours designated (N)		2
<i>Social &amp; Behavioral Sciences (S)</i>		
Course designated (S)		3
<i>Additional General Education</i>		
Course designated (A), (H), (N), or (S)		10
<b>Hours Subtotal</b>		<b>40</b>
<b>Diversity (D) &amp; International Dimension (I)</b>		
May be completed in any part of the degree plan.		
At least one Diversity (D) course.		
At least one International Dimension (I) course.		
<b>College/Departmental Requirements</b>		
<i>First Year Seminar</i>		
(Transfer students with 15 hours exempt.)		1
<i>Arts &amp; Humanities</i>		
(See note 2.a.)		9
<i>Natural &amp; Mathematical Sciences</i>		

(See note 2.b.)		3
<i>Foreign Language</i>		
(See note 3.)		9
<i>Non-Western Studies</i>		
At least one course		
(See note 2.d.)		
<i>Upper-Division General Education</i>		
6 hours outside major department		
(See note 2.c.)		
<b>Hours Subtotal</b>		<b>22</b>
<b>Major Requirements</b>		
Minimum GPA 2.50.		
GEOG 1113	Introduction to Cultural Geography (IS)	3
or GEOG 1713	Regions & Nations in Global Context (IS)	
GLST 2103	Global Perspectives (IS)	3
or GEOG 2103	Global Perspectives (IS)	
GLST 2002	Global Sustainability (N)	2
or GEOG 2002	Global Sustainability (N)	
GLST 4513	Senior Capstone Experience	3
<i>Skills Requirement</i>		
Select one of the following or another course at the discretion of the advisor:		3
GEOG 4203	Fundamentals of Geographic Information Systems	
GEOG 4313	Field Techniques and Geodata Collection	
GEOG 3333	Spatial Analysis (A)	
or second 2000-level foreign language		
<i>Regional Study (6 hours, select one from each category):</i>		
Western Region (3 hours):		3
GLST 3713	Exploring North America and Diversity (DS)	
GEOG 3713	Exploring North America and Diversity (DS)	
GLST 3723	Europe (IS)	
GEOG 3723	Europe (IS)	
GLST 3743	Latin America (IS)	
GEOG 3743	Latin America (IS)	
GLST 3793	Australia and the Pacific Realm (IS)	
GEOG 3793	Australia and the Pacific Realm (IS)	
Non-Western Region (3 hours):		3
GLST 3053	Introduction to Central Asia Studies	
GEOG 3053	Introduction to Central Asia Studies (IS)	
GLST 3733	Russia and Its Neighbors (IS)	
GEOG 3733	Russia and Its Neighbors (IS)	
GLST 3753	Asia (IS)	
GEOG 3753	Asia (IS)	
GLST 3763	Africa (IS)	
GEOG 3763	Africa (IS)	
GLST 3783	The Middle East (IS)	
GEOG 3783	The Middle East (IS)	
<i>Additional GEOG/GLST courses</i>		
Select 6 hours		6
<i>Upper-division GEOG/GLST or foreign language</i>		
Select 3 hours		3

*Pre-Ministry-related courses (15 hours):*

9 hours upper-division REL courses, with at least 3 hours from courses with a non-Western emphasis 9

6 hours Culture and Society courses - choose any 2 non-GEOG courses: 6

AMST 3253	Globalization and American Culture (H)
AMST 3423	American Popular Culture (H)
AMST 3473	Race, Gender, and Ethnicity in American Film (D)
CPSY 3003	Introduction to Counseling and Related Professions
CPSY 4443	Cultural Diversity in Professional Life (D)
HIST 3363	Popular Religion in the West, 1300-1700 (H)
HIST 3583	Minorities and Diversity in the Middle East (H)
HIST 3593	Introduction to Museum and Cultural Studies (H)
PHIL 1213	Philosophies of Life (H)
PHIL 3613	Philosophy of Religion (H)
REL 1103	Introduction to World Religions (HI)
REL 3713	Religion, Culture and Society
SOC 3713	Religion, Culture and Society
SOC 4043	Gender and Work (DS)
SOC 4533	World Population Problems
SOC 4653	Gender and the Middle East (IS)
SOC 4383	Social Stratification (S)
SOC 4723	Sociology of Families (S)

**Hours Subtotal** 44

**Electives**

14 hours of Electives 14

May need to include 6 hours upper-division general education outside major department (see note 2.c.) and one additional upper-division hour.

MATH 1483 or MATH 1513 required for students who do not place directly into STAT.

**Hours Subtotal** 14

**Total Hours** 120

1

College and Department Requirements that may be used to meet General Education Requirements.

## Other Requirements

- See the College of Arts and Sciences Requirements.
- Minimum 2.00 GPA in all GEOG and GLST courses.
- **Upper-Division Credit:** Total hours must include at least 40 hours in courses numbered 3000 or above.
- **Hours in One Department:** For B.A. and B.S. degrees, no more than 54 hours in one department may be applied to degree requirements.

## College of Arts and Sciences Requirements

### 1. General Education Requirements

No more than two courses (or eight hours) from the major department (<http://catalog.okstate.edu/college-arts-sciences-major->

departments/) may be used to meet General Education and College and Departmental Requirements. The General Education required English Composition, required U.S. History, required American Government, one required MATH or STAT course, and required foreign language for B.A. degrees do not count against the two-course maximum.

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- The College of Arts & Sciences requires a minimum 2.0 GPA in all major requirements and a minimum 2.0 GPA in all major-prefix courses applied to the degree.

### 3. Foreign Language Proficiency

- The foreign language requirement for the B.A. may be satisfied by 9 hours college credit in the same language, which must include 3 hours at the 2000-level, or equivalent proficiency (e.g., passing an advanced standing examination; TOEFL exam; presenting a high school transcript which demonstrates the high school was primarily conducted in a language other than English; etc.). Computer Science courses may not be used to satisfy this requirement. Currently Arabic and Mvskoke are not offered at the 2000-level at OSU.
- The foreign language requirement for the B.S., B.M. and B.F.A. may be satisfied by presenting a high school transcript which demonstrates two years of study of a single foreign language (passing grades at second-year level of study). It may also be satisfied by 6 hours college credit in the same language, which must include language courses 1713 and 1813, or equivalent proficiency (e.g., passing an advanced standing examination; TOEFL exam; presenting a high school transcript which demonstrates the high school was primarily conducted in a language other than English; etc.). Computer Science courses may not be used to satisfy this requirement.
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or Oral Proficiency Interview developed by the American Council on the Teaching of Foreign Languages, equivalent to 3 hours of college credit.) Or, students may meet the requirement by transfer of documentation of meeting the foreign language competency from one of the teacher education programs in the State of Oklahoma approved by the Oklahoma State Regents for Higher Education.

#### 4. Exclusions

- Courses used to satisfy the General Education English Composition, U.S. History, American Government, and Mathematics or Statistics requirements will not count toward the 54-hour maximum allowed from one department.
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- Limit of: one-half of major course requirements as transfer work; one-fourth of hours earned by correspondence; 8 transfer correspondence hours.
- Students will be held responsible for degree requirements in effect at the time of matriculation and any changes that are made, so long as these changes do not result in semester credit hours being added or do not delay graduation.
- Degrees that follow this plan must be completed by the end of Summer 2028.

## Example Plan of Study Finish in Four Plan of Study

The plan below is an example of how students can successfully complete degree requirements in four years. This suggested class schedule plan may be used as a guide and can be adjusted based on individual needs. Students are required to meet with an academic advisor prior to enrollment each semester to plan their class schedule, and students are ultimately responsible for completing all degree requirements.

Course	Title	Hours
<b>Freshman</b>		
<b>Fall</b>		
GEOG 1113	Introduction to Cultural Geography (IS)	3
GEOG 1114	Physical Geography (LN)	4
1713	First Semester Foreign Language	3
General Education courses		4
<b>Hours</b>		<b>14</b>
<b>Spring</b>		
STAT 2053 or STAT 2013 or STAT 2023	Elementary Statistics for the Social Sciences (A) or Elementary Statistics (A) or Elementary Statistics for Business and Economics (A)	3
GEOG 1713	Regions & Nations in Global Context (IS)	3
1813	Second Semester Foreign Language	3
General Education courses		7
<b>Hours</b>		<b>16</b>
<b>Sophomore</b>		
<b>Fall</b>		
GLST 2002	Global Sustainability (N)	2
2000-level	Foreign Language	3

General Education courses		10
<b>Hours</b>		<b>15</b>
<b>Spring</b>		
GLST 2103	Global Perspectives (IS)	3
Major, College, and Elective courses		12
<b>Hours</b>		<b>15</b>
<b>Junior</b>		
<b>Fall</b>		
Major, College, and Elective courses		15
<b>Hours</b>		<b>15</b>
<b>Spring</b>		
Major, College, and Elective courses		15
<b>Hours</b>		<b>15</b>
<b>Senior</b>		
<b>Fall</b>		
Major, College, and Elective courses		15
<b>Hours</b>		<b>15</b>
<b>Spring</b>		
GLST 4513	Senior Capstone Experience	3
Major, College, and Elective courses		12
<b>Hours</b>		<b>15</b>
<b>Total Hours</b>		<b>120</b>

## Boone Pickens School of Geology

Earth is the residence of all life including the human race; therefore, it is essential to develop a better understanding of its composition, internal, and external processes. Earth is an outdoor laboratory filled with opportunities to observe geologic processes in action. By applying knowledge of forces that shape Earth, geoscientists seek to reconstruct the past and anticipate the future. Geoscientists provide information to society for solving problems and establishing policy for resource management, environmental protection, and public health, safety and welfare.

Geology addresses how Earth's history helps predict future events, how evolution of life is recorded in rocks and sediments and how erosion and uplift shape the Earth. Human activities, predominantly on or near the surface, have utilized rocks and rock products, mainly petroleum and metals, to contribute to the quality of life. Because the Earth is dynamic—the land surface is constantly changing—knowledge of earthquakes, volcanoes, plate tectonics, floods and landslides, is critical to minimize human suffering and economic loss. Within geology, specialties such as petroleum geology, ground-water geology (hydrogeology), geomorphology (study of surface processes), structural geology, and paleontology (study of fossils), allow geoscientists to develop exciting careers focusing on the sub-disciplines they love.

Geophysics is a discovery science of the earth and other planets using state-of-the-art technology that integrates geology, mathematics, physics, and computer modeling. Geophysicists explore the earth's natural resources such as oil, gas, minerals, and groundwater and detect earthquakes, cavities, and contaminate hazards aiding to societal and environmental sustainability. A Bachelor's of Science in geophysics prepares students for graduate school as well as prestigious careers in the environmental, energy and regulatory industries.

The Boone Pickens School of Geology offers traditional academic degree programs for BS, Accelerated MS, MS, and PhD students and also conducts various campus and community outreach events. Geology and Geophysics majors are provided a quality education designed to develop leadership skills and enhance employment opportunities. Research areas for faculty of the Boone Pickens School of Geology include: continental tectonics, conventional and unconventional energy resources, environmental and engineering geology and geophysics, carbon sequestration, paleoclimatology, and satellite remote sensing. In these areas, the school has already established a sound infrastructure—appropriate faculty appointments, advanced laboratories and technologies, and a high volume of scholarly productivity. Full-time Geology and Geophysics undergraduates are eligible for departmental scholarships based on academic achievement and financial need. Teaching assistantships, research assistantships and fellowships are available for qualifying geology graduate students.

Geologists and Geophysicists are employed extensively in applied and pure research topics as well as in teaching. Applied research includes the exploration for, and development of, oil and gas fields, metallic and nonmetallic mineral deposits, and reservoirs of ground water. The geologists and geophysicists are well prepared to pursue and direct environmental and energy studies. Careers in research may be found with private employers, government agencies, national laboratories, or universities. Teaching positions in geology and geophysics are available at all levels, beginning with secondary education. As with most other sciences, more employment opportunities will be available to students with advanced training and a broad background. In general, careers as

teachers in a college or university and in research are open only to those with graduate training.

## Courses

### GEOL 1003 The Story of Dinosaurs (N)

**Description:** This course will explore the validity of arguments and/or conclusion in dinosaur research through evaluating the scientific evidence. In this course, students will read, experiment, and evaluate scientific literature surrounding dinosaurs.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Geology

**General Education and other Course Attributes:** Natural Sciences

### GEOL 1013 Exploring Earth: An Introduction to Geology (LN)

**Description:** An introductory course for non-science majors which will investigate how chemical, physical and biological processes interact to shape and regulate the Earth's environment. Will build your understanding of how each part of the Earth system – the ocean, atmosphere and interior – work and interact over time.

**Credit hours:** 3

**Contact hours:** Lecture: 2 Lab: 2 Contact: 4

**Levels:** Undergraduate

**Schedule types:** Lab, Lecture, Combined lecture and lab

**Department/School:** Geology

**General Education and other Course Attributes:** Scientific Investigation, Natural Sciences

### GEOL 1014 Geology and Human Affairs (LN)

**Description:** The influence of geology and related earth sciences on the human environment. Energy and material resources, beneficial and hazardous natural processes, and the planetary and biological evolution of earth. Lab investigations environmentally oriented. Lab fees required for online section.

**Credit hours:** 4

**Contact hours:** Lecture: 3 Lab: 2 Contact: 5

**Levels:** Undergraduate

**Schedule types:** Lab, Lecture, Combined lecture and lab

**Department/School:** Geology

**General Education and other Course Attributes:** Scientific Investigation, Natural Sciences

### GEOL 1022 Climate Change and Humanity (N)

**Description:** Focus on the development of scientific inquiry and critical thinking skills needed to evaluate complex relationships among climate, energy production, and the environment. Students will explore causes and consequences of climate change and consider climate change science from alternative perspectives. Same course as GEOG 1022.

**Credit hours:** 2

**Contact hours:** Lecture: 2 Contact: 2

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Geology

**General Education and other Course Attributes:** Natural Sciences

**GEOL 1114 Physical Geology (LN)**

**Prerequisites:** MATH 1483 or MATH 1513 or higher; or an acceptable math placement score or AP credit (see <http://placement.okstate.edu>).

**Description:** Composition and structure of the earth and the modification of its surface by internal and external processes. Mineral resources, sources of energy, and environmental aspects of geology. Recommended introductory course for science majors. Field trip required.

**Credit hours:** 4

**Contact hours:** Lecture: 3 Lab: 2 Contact: 5

**Levels:** Undergraduate

**Schedule types:** Lab, Lecture, Combined lecture and lab

**Department/School:** Geology

**General Education and other Course Attributes:** Scientific Investigation, Natural Sciences

**Additional Fees:** Geology Field Trip fee of \$45 applies.

**GEOL 1224 Evolution of the Earth (LN)**

**Prerequisites:** High school biology and chemistry recommended.

**Description:** A survey of the physical and biological history of the Earth from the coalescence of the solar system to the present. Field trips required.

**Credit hours:** 4

**Contact hours:** Lecture: 3 Lab: 2 Contact: 5

**Levels:** Undergraduate

**Schedule types:** Lab, Lecture, Combined lecture and lab

**Department/School:** Geology

**General Education and other Course Attributes:** Scientific Investigation, Natural Sciences

**Additional Fees:** Geology Field Trip fee of \$25 applies.

**GEOL 2030 Geologic Field Experience**

**Description:** One to three weeks of required field study at sites of geological interest and significance. Field trip charges apply. Offered for variable credit, 1-3 credit hours, maximum of 6 credit hours.

**Credit hours:** 1-3

**Contact hours:** Contact: 1-3 Other: 1-3

**Levels:** Undergraduate

**Schedule types:** Independent Study

**Department/School:** Geology

**GEOL 2103 Fundamentals of Geophysics**

**Prerequisites:** Minimum grade of "C" in PHYS 1114 or PHYS 2014 and GEOL 1014 or GEOL 1114.

**Description:** Course will introduce students to the basic concepts of geophysics. Students will gain theoretical and field experience with multiple geophysical techniques, such as: gravity, magnetic, seismic reflection/refraction, electrical resistivity, induced polarization, self-potential, ground penetrating radar and radiometrics and their applications in oil and gas, minerals, groundwater, and the environment. Field trip required.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Geology

**GEOL 2254 Practical Mineralogy**

**Prerequisites:** GEOL 1014 or GEOL 1114 and CHEM 1314 or CHEM 1414 completed with a grade of "C" or higher.

**Description:** Hand-specimen identification of minerals using physical and chemical properties. Introductory optical identification of common rock forming minerals. Society's utilization of mineral resources. Field trips required. May not be used for degree credit with GEOL 2464.

**Credit hours:** 4

**Contact hours:** Lecture: 3 Lab: 2 Contact: 5

**Levels:** Undergraduate

**Schedule types:** Lab, Lecture, Combined lecture and lab

**Department/School:** Geology

**GEOL 2364 Igneous and Metamorphic Petrology**

**Prerequisites:** GEOL 2254 completed with a grade of "C" or higher.

**Description:** Origin, occurrence and classification of igneous and metamorphic rocks; hand-specimen and thin section identification. Optional field trip. May not be used for degree credit with GEOL 2464.

**Credit hours:** 4

**Contact hours:** Lecture: 3 Lab: 3 Contact: 6

**Levels:** Undergraduate

**Schedule types:** Lab, Lecture, Combined lecture and lab

**Department/School:** Geology

**GEOL 2403 Chemistry of Earth Systems**

**Prerequisites:** Minimum grade of "C" in (GEOL 1014 or GEOL 1114) and (CHEM 1314 or CHEM 1414).

**Description:** This course will teach the basics of geochemistry as applied to Earth Systems, including topics and concerns related to the atmosphere, geosphere, biosphere, hydrosphere, and anthroposphere. Basic lab and field skills will also be introduced, including fundamentals of environmental measurement practices, geochemical instrumentation, and basic water and sediment sampling techniques.

**Credit hours:** 3

**Contact hours:** Lecture: 2 Lab: 2 Contact: 4

**Levels:** Undergraduate

**Schedule types:** Lab, Lecture, Combined lecture and lab

**Department/School:** Geology

**GEOL 2464 Rocks and Minerals**

**Prerequisites:** (GEOL 1114 or GEOL 1013 or GEOL 1014 or GEOL 3413) and (CHEM 1314 or CHEM 1414 or acceptable AP credit).

**Description:** Origin, occurrence and classification of igneous, sedimentary and metamorphic rocks and minerals; hand-specimen and thin section identification, including optical microscopy. Field trip required. May not be used for degree credit with GEOL 2254 and GEOL 2364.

**Credit hours:** 4

**Contact hours:** Lecture: 3 Lab: 2 Contact: 5

**Levels:** Undergraduate

**Schedule types:** Lab, Lecture, Combined lecture and lab

**Department/School:** Geology

**Additional Fees:** GEOL 2464 Field Trip fee of \$75 applies.

**GEOL 2773 Introduction to Planetary Geology (N)**

**Description:** Introduction to the geology of terrestrial planets and moons, exploring volcanism, plate tectonics, atmospheres, and planetary formation, as well as how meteorites and asteroids give insight into the formation of planetary systems.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Geology

**General Education and other Course Attributes:** Natural Sciences



### **GEOL 2890 Honors Experience in Geology**

**Prerequisites:** Honors Program participation and concurrent enrollment in designated course(s).

**Description:** A supplemental Honors experience in Geology to partner concurrently with designated lower-division GEOL course(s). This course adds a different intellectual dimension to designated course(s). Offered for fixed credit, 1 credit hour.

**Credit hours:** 1

**Contact hours:** Lecture: 1 Contact: 1

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Geology

**General Education and other Course Attributes:** Honors Credit

### **GEOL 2990 Special Topics in Earth Science (N)**

**Description:** Selected topics in Geoscience presented in lecture or seminar format. Offered for variable credit, 1-3 credit hours, maximum of 6 credit hours.

**Credit hours:** 1-3

**Contact hours:** Lecture: 1-3 Contact: 1-3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Geology

**General Education and other Course Attributes:** Natural Sciences

### **GEOL 3014 Structural Geology**

**Prerequisites:** Minimum grade of "C" in GEOL 1114 and (PHYS 1114 or PHYS 2014 or acceptable AP credit).

**Description:** Behavior of earth materials during various deformational processes and analysis of the resulting structural features such as folds, faults and fractures.

**Credit hours:** 4

**Contact hours:** Lecture: 3 Lab: 3 Contact: 6

**Levels:** Undergraduate

**Schedule types:** Lab, Lecture, Combined lecture and lab

**Department/School:** Geology

**Additional Fees:** Geology Field Trip fee of \$40 applies.

### **GEOL 3034 Principles of Stratigraphy and Sedimentology**

**Prerequisites:** GEOL 1224 and GEOL 2464 each with a grade of "C" or higher.

**Description:** Principles of stratigraphy and their applications. Survey of sedimentary rock types, principles of description and classification, origin of sedimentary deposits, analysis of stratigraphic sequences. Topics include depositional systems; litho- and biostratigraphy; geochronology and chronostratigraphy; magnetic, seismic, and sequence stratigraphy; tectonic vs. climatic controls. Field work required. Previously offered as GEOL 3033.

**Credit hours:** 4

**Contact hours:** Lecture: 3 Lab: 3 Contact: 6

**Levels:** Undergraduate

**Schedule types:** Lab, Lecture, Combined lecture and lab

**Department/School:** Geology

**Additional Fees:** Geology Field Trip fee of \$85 applies.

### **GEOL 3043 Geology of the National Parks (N)**

**Description:** The geologic characteristics of national parks and scenic regions in North America and throughout the world. Intended for non-majors.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Geology

**General Education and other Course Attributes:** Natural Sciences

### **GEOL 3073 Geomorphology**

**Prerequisites:** GEOL 1013 or GEOL 1014 or GEOL 1114 or GEOG 1114.

**Description:** This course will outline key concepts in geomorphology including how different geological processes have shaped and are shaping the surface of the Earth. Summary of different geomorphological research methods. Discussion on how exogenic processes such as water, glacier and wind weathering produce different landscapes. Discussion on how endogenic processes such as volcanism and tectonism contributes to geomorphological changes. Discussion of how geomorphological changes affect the climate. May not be used for degree credit with GEOL 5073.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Geology

**Additional Fees:** Geology Field Trip fee of \$45 applies.

### **GEOL 3103 Paleontology**

**Description:** Basic principles of paleontology involving invertebrates, vertebrates and plants. Course will explore the mechanisms and manifestations of evolution in the fossil record, learn key aspects of fossilized organism identification, and assess paleontology interpretations through hands-on experiential learning exercises. Field trips required.

**Credit hours:** 3

**Contact hours:** Lecture: 2 Lab: 2 Contact: 4

**Levels:** Undergraduate

**Schedule types:** Lab, Lecture, Combined lecture and lab

**Department/School:** Geology

**Additional Fees:** Geology Field Trip fee of \$125 applies.

### **GEOL 3413 Petroleum Geology for Engineers**

**Prerequisites:** CHEM 1314 or CHEM 1414 with a grade of "C" or better.

**Description:** Examination of the fundamental concepts of petroleum geology with an emphasis on applications to drilling and reservoir engineering. Topics include reservoir architecture, traps and seals, the subsurface environment, wireline logs, geophysics and depositional systems. Field trip required. No degree credit for geology majors.

**Credit hours:** 3

**Contact hours:** Lecture: 2 Lab: 2 Contact: 4

**Levels:** Undergraduate

**Schedule types:** Lab, Lecture, Combined lecture and lab

**Department/School:** Geology

**Additional Fees:** GEOL Course Field Trip fee of \$30 applies.



**GEOL 3503 Environmental Geology (N)****Prerequisites:** GEOL 1114 or consent of instructor.**Description:** Application of geologic principles to environmental issues, including human use of the surface and subsurface of the earth and human interaction with extreme natural events such as earthquakes, floods and landslides. Field trip is required.**Credit hours:** 3**Contact hours:** Lecture: 3 Contact: 3**Levels:** Undergraduate**Schedule types:** Lecture**Department/School:** Geology**General Education and other Course Attributes:** Natural Sciences**Additional Fees:** Geology Field Trip fee of \$38 applies.**GEOL 3513 Earthquakes, Volcanoes, and Disasters (N)****Description:** An examination of the causes and effects of natural disasters related to earthquakes, volcanic activity, severe weather, flooding and other natural disasters. The course also examines the effects of these natural hazards on societies and approaches to mitigate the associated risks.**Credit hours:** 3**Contact hours:** Lecture: 3 Contact: 3**Levels:** Undergraduate**Schedule types:** Lecture**Department/School:** Geology**General Education and other Course Attributes:** Natural Sciences**GEOL 3546 Field Geology****Prerequisites:** Minimum grade of "C" in GEOL 3014 and GEOL 3034.**Description:** Five weeks of field methods in geology. Required of all geology majors. Transportation and room and board fees required.**Credit hours:** 6**Contact hours:** Lab: 12 Contact: 12**Levels:** Undergraduate**Schedule types:** Lab**Department/School:** Geology**GEOL 3890 Advanced Honors Experience in Geology****Prerequisites:** Honors Program participation and concurrent enrollment in designated course(s).**Description:** A supplemental Honors experience in Geology to partner concurrently with designated upper-division GEOL course(s). This course adds a different intellectual dimension to designated course(s). Offered for fixed credit, 1 credit hour, maximum of 8 credit hours.**Credit hours:** 1**Contact hours:** Lecture: 1 Contact: 1**Levels:** Undergraduate**Schedule types:** Lecture**Department/School:** Geology**General Education and other Course Attributes:** Honors Credit**GEOL 4023 Petroleum Geology****Prerequisites:** GEOL 3014 and GEOL 3034.**Description:** Origin, migration and accumulation of petroleum, requirements for source rock, reservoir rock and traps. Structure and stratigraphy of selected oil fields. Field trips required. May not be used for degree credit with GEOL 5023.**Credit hours:** 3**Contact hours:** Lecture: 3 Contact: 3**Levels:** Undergraduate**Schedule types:** Lecture**Department/School:** Geology**Additional Fees:** Geology Field Trip fee of \$150 applies.**GEOL 4030 Geologic Field Investigation****Prerequisites:** GEOL 1013, GEOL 1014, GEOL 1114 or GEOL 1224.**Description:** One to three weeks of required field study at sites of geological interest and significance. Field trip charges apply. Does not substitute for GEOL 3546. Offered for variable credit, 1-3 credit hours, maximum of 6 credit hours.**Credit hours:** 1-3**Contact hours:** Lecture: 1-3 Contact: 1-3**Levels:** Undergraduate**Schedule types:** Lecture**Department/School:** Geology**GEOL 4103 Introduction to Geophysical Exploration****Prerequisites:** MATH 2153 and a "C" or better in PHYS 1214 or PHYS 2114 or acceptable AP credit.**Description:** An overview of geophysical methods and their applications to exploration, environmental and engineering problems. Seismic reflection and refraction methods, gravity, magnetic, resistivity and electromagnetic methods. A field trip required. May not be used for degree credit with GEOL 5103.**Credit hours:** 3**Contact hours:** Lecture: 2 Lab: 2 Contact: 4**Levels:** Undergraduate**Schedule types:** Lab, Lecture, Combined lecture and lab**Department/School:** Geology**GEOL 4113 Seismic Interpretation****Prerequisites:** Minimum grade of "C" in GEOL 2103 and MATH 2153 and (PHYS 1214 or PHYS 2114).**Description:** Examination of the reflection seismic interpretation methods with emphasis on the oil and gas industry. Both structural and stratigraphic methods. Hands-on interpretation using a standard industry software package. May not be used for degree credit with GEOL 5213.**Credit hours:** 3**Contact hours:** Lecture: 3 Contact: 3**Levels:** Undergraduate**Schedule types:** Lecture**Department/School:** Geology**GEOL 4213 Plate Tectonics****Prerequisites:** GEOL 3014 with a grade of "C" or higher.**Description:** Earth's evolution within the framework of plate tectonics. Examination of structural associations in relation to tectonic plate boundaries. Mechanisms for plate tectonics and implication for resources and the environment. May not be used for degree credit with GEOL 6213.**Credit hours:** 3**Contact hours:** Lecture: 3 Contact: 3**Levels:** Undergraduate**Schedule types:** Lecture**Department/School:** Geology**GEOL 4300 Geology Colloquium****Prerequisites:** Geology majors only.**Description:** Discussion of selected topics in the geological sciences with emphasis on professional presentation practices. Offered for fixed credit, 1 credit hour, maximum of 4 credit hours.**Credit hours:** 1**Contact hours:** Contact: 1 Other: 1**Levels:** Undergraduate**Schedule types:** Independent Study**Department/School:** Geology

**GEOL 4303 Geophysical Field Methods****Prerequisites:** GEOL 4103.**Description:** Hands-on field investigations using the different geophysical surveying methods including electrical resistivity/induced polarization, self potential, electromagnetic, ground penetrating radar, gravity, magnetic, and seismic reflection and refraction. Instrumentation, field data acquisition, and interpretation will be emphasized. Several field trips and field projects required.**Credit hours:** 3**Contact hours:** Lecture: 2 Lab: 2 Contact: 4**Levels:** Undergraduate**Schedule types:** Lab, Lecture, Combined lecture and lab**Department/School:** Geology**GEOL 4313 Introduction to Well Log Analysis****Prerequisites:** GEOL 3034 with a grade of C or better.**Description:** Introduction for undergraduate Geology majors to basic properties of wireline well logs, including identification of lithology, influence of borehole fluids, porosity and permeability on well log properties. Some exercises involve concurrent interpretation of well logs and core samples. Course includes lectures, in-class exercises, homework and exams. No credit for students who have completed GEOL 4323 or GEOL 5353.**Credit hours:** 3**Contact hours:** Lecture: 3 Contact: 3**Levels:** Undergraduate**Schedule types:** Lecture**Department/School:** Geology**GEOL 4323 Applied Well Log Analysis for Engineers****Prerequisites:** GEOL 3413 with a grade of "C" or higher.**Description:** This is a core course for the Minor in Petroleum Engineering. Course material builds on information to prerequisite course Geology 3413. This course covers geologic interpretation of reservoir characteristics based on a variety of well logs; quantitative determination of porosity and permeability, reservoir fluids and how they influence well log properties, calculation of water saturation, introduction to unconventional reservoirs, drilling and logging in lateral holes. May not be used for degree credit with GEOL 4313 or GEOL 5353.**Credit hours:** 3**Contact hours:** Lecture: 3 Contact: 3**Levels:** Undergraduate**Schedule types:** Lecture**Department/School:** Geology**GEOL 4343 Advanced Petrophysics****Prerequisites:** Minimum grade of "C" in PHYS 2014.**Description:** Provides theoretical background on physical, chemical, and electrical principles involved in routine core analysis (RCA) and special core analysis (SCAL) generic data acquisition, as well as practical experience in applying computational methods to infer petrophysical properties of rocks from RCA and SCAL data. May not be used for degree credit with GEOL 5343.**Credit hours:** 3**Contact hours:** Lecture: 3 Contact: 3**Levels:** Undergraduate**Schedule types:** Lecture**Department/School:** Geology**GEOL 4403 Geochemistry****Prerequisites:** GEOL 2403 or (GEOL 1014 or GEOL 1114 and CHEM 1515 or concurrent enrollment).**Description:** This course is designed to help students comprehend the major chemical components of natural environments and to apply fundamental principles to understand the main controls on the chemistry of pristine and polluted soil, surface, and ground water environments. May not be used for degree credit with GEOL 5403.**Credit hours:** 3**Contact hours:** Lecture: 2 Lab: 2 Contact: 4**Levels:** Undergraduate**Schedule types:** Lab, Lecture, Combined lecture and lab**Department/School:** Geology**GEOL 4423 Groundwater Geochemistry****Prerequisites:** Minimum grade of "C" in CHEM 1314 and MATH 2144.**Description:** Provides, theoretical background to apply geochemical principles to understand and solve groundwater quality problems, as well as practical experience in applying computational methodologies and tools to predict the response of groundwater systems to natural and anthropogenic disturbances. May not be used for degree credit with GEOL 5423.**Credit hours:** 3**Contact hours:** Lecture: 3 Contact: 3**Levels:** Undergraduate**Schedule types:** Lecture**Department/School:** Geology**GEOL 4433 Applied Geostatistics****Prerequisites:** MATH 2144 with a grade of "C" or higher.**Description:** Application of geostatistical principles and tools to solve geology problems associated with the uncertainty and spatial variability of geological data. The focus is on petroleum and hydrological systems. May not be used for degree credit with GEOL 5333.**Credit hours:** 3**Contact hours:** Lecture: 3 Contact: 3**Levels:** Undergraduate**Schedule types:** Lecture**Department/School:** Geology**GEOL 4443 Environmental Geophysics****Prerequisites:** A minimum grade of "C" in MATH 2144 and (PHYS 1114 or PHYS 2014 or GEOL 2103).**Description:** This course addresses environmental and engineering geophysical applications to geological characterization in (1) groundwater, aquifer delineation and contaminant migration, (2) slope stability and engineering site characterization, (3) detection of abandoned landfills, underground storage tanks, UXO, (4) earthquake, sinkholes, and land subsidence hazards, and/or (5) non-invasive archeological site assessment. Students will gain hands-on experiences in both collecting geophysical data in the field and processing real field data in the lab. Field trips required. May not be used for degree credit with GEOL 5443.**Credit hours:** 3**Contact hours:** Lecture: 2 Lab: 2 Contact: 4**Levels:** Undergraduate**Schedule types:** Lab, Lecture, Combined lecture and lab**Department/School:** Geology

**GEOL 4453 Hydrogeology**

**Prerequisites:** Minimum grade of "C" or better in PHYS 1114 or PHYS 2014.

**Description:** The water cycle and ground-water systems as well as general problems related to ground-water occurrence, quantity, quality and pollution. Field trip required.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Geology

**Additional Fees:** Geology Field Trip fee of \$75 applies.

**GEOL 4463 Physical Hydrogeology**

**Prerequisites:** GEOL 4453 or similar; PHYS 2114.

**Description:** Physical ground-water systems. Realistic problems to acquaint students with ground-water occurrence and movement. Geologic, geophysical, hydraulic testing and modeling techniques used to define an actual ground-water system. Ground-water regulations. Field trips required.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Geology

**Additional Fees:** Geology Field Trip fee of \$100 applies.

**GEOL 4503 Introduction to Oceanography (N)**

**Prerequisites:** College-level chemistry recommended.

**Description:** Oceanography is an interdisciplinary field incorporating geology, physics, chemistry, and biology. This class will introduce students to oceanic and sedimentary processes, including plate tectonics, oceanic circulation, seawater chemistry, beaches and coastlines, benthic/pelagic sea life, and environmental concerns. Students will also discuss social, political, and economic topics that relate to the ocean.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Geology

**General Education and other Course Attributes:** Natural Sciences

**GEOL 4513 Marine Geology**

**Prerequisites:** Minimum grade of "C" in: GEOL 3034 and PHYS 1114 or PHYS 2014.

**Description:** Comprehensive examination of the geology of the ocean basins. Topics include techniques of data collection and interpretation; shoreline, shelf and deep ocean processes; physical oceanography; origin and distribution of marine sediments; paleoceanography; marine mineral resources; marine tectonics and ocean history. May not be used for degree credit with GEOL 5513.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Geology

**GEOL 4543 Introduction to Exploration Seismology**

**Prerequisites:** Minimum grade of "C" or better in GEOL 2103 and MATH 2153 and (PHYS 1214 or PHYS 2114).

**Description:** Introduction to theory, techniques, and application of seismic to field of hydrocarbon, groundwater, and minerals exploration. Review of fundamentals of wave propagation, historical development of the science, and current literature on application and instrumentation. May not be used for degree credit with GEOL 5543.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Geology

**GEOL 4573 Marine Biogeochemical Cycles**

**Prerequisites:** GEOL 3034 with a grade of "C" or better and GEOL 4403 or concurrent enrollment.

**Description:** Analysis of the interactions between geological processes, biological activity, and chemical cycling for a range of elements. Limited discussion of atmospheric, terrestrial, and freshwater systems as they impact the oceans will also be discussed. Includes discussions of changes in elemental cycles through Earth's history and comparison to present-day patterns. May not be used for degree credit with GEOL 5573.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Geology

**GEOL 4583 Environmental Data Analytics**

**Prerequisites:** Minimum grade of "C" in MATH 2144.

**Description:** Provides theoretical background and practical experience in extracting meaning from complex and heterogeneous environmental data sources to understand and manage the natural environment (geosphere, hydrosphere, biosphere, and atmosphere). May not be used for degree credit with GEOL 5583.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Geology

**GEOL 4613 Magmatism and Metmorphism**

**Description:** Exploration of the processes and environments in which magmatic and metamorphic rocks form, using aspects of mineralogy, petrology, geochemistry and plate tectonics. Will include lab and field examination of rocks, use of phase diagrams, thermodynamics and geochemical data. Field Trip required.

**Credit hours:** 3

**Contact hours:** Lecture: 2 Lab: 2 Contact: 4

**Levels:** Undergraduate

**Schedule types:** Lab, Lecture, Combined lecture and lab

**Department/School:** Geology

**GEOL 4643 Seismic Data Processing****Prerequisites:** Minimum grade of "C" in GEOL 2103 and MATH 2144.**Description:** Theoretical background and practical training in the processing of seismic reflection and refraction data for petroleum, environmental, and engineering applications. Hands-on digital data processing using standard industry software. Topics to be covered include digital filtering, statics corrections, velocity analysis, deconvolution, stacking, and migration. May not be used for degree credit with GEOL 5643.**Credit hours:** 3**Contact hours:** Lecture: 3 Contact: 3**Levels:** Undergraduate**Schedule types:** Lecture**Department/School:** Geology**GEOL 4673 Economic Geology****Prerequisites:** GEOL 2464 with a grade of "C" or better.**Description:** The distribution, geological setting and genesis of metalliferous and non-metalliferous mineral deposits of economic value. Factors controlling the formation of these deposits and the linkages with many other geologic processes covered in other courses are explored.**Credit hours:** 3**Contact hours:** Lecture: 2 Lab: 2 Contact: 4**Levels:** Undergraduate**Schedule types:** Lab, Lecture, Combined lecture and lab**Department/School:** Geology**GEOL 4753 Volcanology****Prerequisites:** GEOL 2464 completed with a grade of "C" or higher.**Description:** Examination of volcanic processes, products, and structures on Earth and other terrestrial bodies. Optional field trip. May not be used for degree credit with GEOL 5753.**Credit hours:** 3**Contact hours:** Lecture: 3 Contact: 3**Levels:** Undergraduate**Schedule types:** Lecture**Department/School:** Geology**GEOL 4773 Planetary Geology (N)****Prerequisites:** GEOL 1114 (required) and GEOL 3073 (recommended).**Description:** Geology of planets and planetary bodies, including geomorphology, tectonics, geochemistry, and geophysics; perspectives on exploration; and life in the universe.**Credit hours:** 3**Contact hours:** Lecture: 3 Contact: 3**Levels:** Undergraduate**Schedule types:** Lecture**Department/School:** Geology**General Education and other Course Attributes:** Natural Sciences**GEOL 4981 Geoscience Internship****Prerequisites:** Consent of instructor.**Description:** Student participation in a research project during an internship in a Geoscience-related professional work setting. Graded on a pass/fail basis.**Credit hours:** 1**Contact hours:** Contact: 1 Other: 1**Levels:** Undergraduate**Schedule types:** Independent Study**Department/School:** Geology**GEOL 4990 Special Problems in Earth Science****Prerequisites:** Permission of instructor.**Description:** Individually designed study projects involving assigned reading, library work, field work, laboratory work or a combination of these. Field trips may be required. Offered for variable credit, 1-3 credit hours, maximum of 9 credit hours.**Credit hours:** 1-3**Contact hours:** Contact: 1-3 Other: 1-3**Levels:** Undergraduate**Schedule types:** Independent Study**Department/School:** Geology**GEOL 4993 Senior Honors Thesis****Prerequisites:** Departmental invitation, senior standing,**Description:** Honors Program participation. A guided reading and research program ending with an honors thesis under the direction of a senior faculty member, with second faculty reader and oral examination. Required for graduation with departmental honors in geology.**Credit hours:** 3**Contact hours:** Lecture: 3 Contact: 3**Levels:** Undergraduate**Schedule types:** Lecture**Department/School:** Geology**GEOL 5000 Master's Thesis****Prerequisites:** Approval of graduate committee.**Description:** Work toward master's thesis in geology. Offered for variable credit, 1-6 credit hours, maximum of 6 credit hours.**Credit hours:** 1-6**Contact hours:** Contact: 1-6 Other: 1-6**Levels:** Graduate**Schedule types:** Independent Study**Department/School:** Geology**GEOL 5023 Petroleum Geology****Prerequisites:** GEOL 3014 and GEOL 3034.**Description:** Origin, migration and accumulation of petroleum, requirements for source rock, reservoir rock and traps. Structure and stratigraphy of selected oil fields. Field trips required. May not be used for degree credit with GEOL 4023.**Credit hours:** 3**Contact hours:** Lecture: 3 Contact: 3**Levels:** Graduate**Schedule types:** Lecture**Department/School:** Geology**GEOL 5030 Geologic Field Investigation****Description:** One to three weeks of required field study at sites of geological interest and significance. Emphasis will be placed on applicability to graduate research. Field trip charges apply. Offered for variable credit, 1-3 credit hours, maximum of 6 credit hours.**Credit hours:** 1-3**Contact hours:** Lecture: 1-3 Contact: 1-3**Levels:** Graduate**Schedule types:** Lecture**Department/School:** Geology

**GEOL 5073 Geomorphology**

**Prerequisites:** GEOL 1013 or GEOL 1014 or GEOL 1114 or GEOG 1114.

**Description:** This course will outline key concepts in geomorphology including how different geological processes have shaped and are shaping the surface of the Earth. Summary of different geomorphological research methods. Discussion on how exogenic processes such as water, glacier and wind weathering produce different landscapes. Discussion on how endogenic processes such as volcanism and tectonism contributes to geomorphological changes. Discussion of how geomorphological changes affect the climate. May not be used for degree credit with GEOL 3073.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Graduate

**Schedule types:** Lecture

**Department/School:** Geology

**GEOL 5093 Quaternary Geology and Geochronology**

**Prerequisites:** GEOL 3034; MATH 1715 or equivalent; PHYS 2014 and PHYS 2114 or equivalent. All with a grade of "C" or higher.

**Description:** Examination of the causes and effects of climate change during the ice ages. Survey of dating methods applicable to the Quaternary, including radiocarbon and optical luminescence. Topics include the use of oxygen isotope proxy records, paleomagnetism, cosmogenic nuclides, isostasy and post-glacial rebound, causes of sea-level change, and ice age history.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Graduate

**Schedule types:** Lecture

**Department/School:** Geology

**GEOL 5100 Problems in Hydrogeology**

**Prerequisites:** GEOL 4453.

**Description:** Advanced problems in hydrogeology with emphasis on quantitative methods. Field trips may be required. Offered for variable credit, 1-4 credit hours, maximum of 8 credit hours.

**Credit hours:** 1-4

**Contact hours:** Contact: 1-4 Other: 1-4

**Levels:** Graduate

**Schedule types:** Independent Study

**Department/School:** Geology

**GEOL 5103 Introduction to Geophysical Exploration**

**Prerequisites:** MATH 2153 and a "C" or better in PHYS 1214 or PHYS 2114 or acceptable AP credit.

**Description:** An overview of geophysical methods and their applications to exploration, environmental and engineering problems. Seismic reflection and refraction methods, gravity, magnetic, resistivity and electromagnetic methods. Field trip required. May not be used for degree credit with GEOL 4103.

**Credit hours:** 3

**Contact hours:** Lecture: 2 Lab: 2 Contact: 4

**Levels:** Graduate

**Schedule types:** Lab, Lecture, Combined lecture and lab

**Department/School:** Geology

**GEOL 5133 Structural Styles in Oil and Gas Exploration**

**Prerequisites:** GEOL 3014 with a grade of "C" or higher.

**Description:** The theoretical, experimental and descriptive approach to structural styles formed by different tectonic stresses (i.e. extensional, contractional, strike-slip and salt tectonics) and their importance in oil and gas exploration. Course previously offered as GEOL 5203.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Graduate

**Schedule types:** Lecture

**Department/School:** Geology

**GEOL 5143 Geological Remote Sensing**

**Prerequisites:** GEOL 1013 or GEOL 1114 and PHYS 1114 or PHYS 2014 each with a minimum grade of "C".

**Description:** Many applications of remote sensing exist for geological and environmental issues, and this course introduces the techniques and processes including digital signal processing, statistical data extraction, image enhancement and classification. Students will experiment with different techniques and formulate a research project that can be answered using the techniques.

**Credit hours:** 3

**Contact hours:** Lecture: 2 Lab: 2 Contact: 4

**Levels:** Graduate

**Schedule types:** Lab, Lecture, Combined lecture and lab

**Department/School:** Geology

**GEOL 5183 Paleontology and Paleocyanographic Reconstruction**

**Prerequisites:** Graduate standing or permission of instructor.

**Description:** This course examines invertebrates, the process of fossilization, taphonomy, and fossil uses in paleontologic reconstructions and biostratigraphy. Students are instructed and expected to complete various sample preparation techniques used in fossil examination. This course has a lecture and lab component. Students in this course should have a basic understanding of biology and evolution. Major ideas and background information will be provided in this course so anyone interested is welcome.

**Credit hours:** 3

**Contact hours:** Lecture: 2 Lab: 2 Contact: 4

**Levels:** Graduate

**Schedule types:** Lab, Lecture, Combined lecture and lab

**Department/School:** Geology

**GEOL 5213 Seismic Interpretation**

**Prerequisites:** Minimum grade of "C" in GEOL 2103 and MATH 2153 and (PHYS 1214 or PHYS 2114).

**Description:** Examination of reflection seismic interpretation methods with emphasis on the oil and gas industry. Both structural and stratigraphic methods. Hands-on interpretation using a standard industry software package. Previously offered as GEOL 4203. May not be used for degree credit with GEOL 4113.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Graduate

**Schedule types:** Lecture

**Department/School:** Geology



**GEOL 5223 Advanced Methods in Structural Geology****Prerequisites:** GEOL 3014.**Description:** Techniques in modern structural geology are changing fast. Students in this course will learn to use cutting-edge techniques in structural analysis to solve problems in the geosciences. At the end of this course, you will have collected structural data using a digital data system, analyzed geodetic data to calculate strain, use data collected from uncrewed aerial vehicles to create digital elevation models and characterize fractures, and conduct traditional fracture analyses from outcrop data. Field trips required.**Credit hours:** 3**Contact hours:** Lecture: 3 Contact: 3**Levels:** Graduate**Schedule types:** Lecture**Department/School:** Geology**GEOL 5233 Trace Element Geochemistry****Prerequisites:** One year of chemistry and GEOL 4403 or equivalent and GEOL 3034 or equivalent.**Description:** Examination of the behavior of various trace elements in aqueous and sedimentary environments. Availability and mobility of trace elements, characterization of geochemical environments, and application to geologic problems.**Credit hours:** 3**Contact hours:** Lecture: 2 Lab: 2 Contact: 4**Levels:** Graduate**Schedule types:** Lab, Lecture, Combined lecture and lab**Department/School:** Geology**GEOL 5243 Research Methods and Techniques in Geosciences****Description:** Application of the scientific method to geosciences research; introduction to library and internet searches; writing competitive research proposals; managing research activities; and disseminating research results.**Credit hours:** 3**Contact hours:** Lecture: 2 Contact: 3 Other: 1**Levels:** Graduate**Schedule types:** Discussion, Combined lecture & discussion, Lecture**Department/School:** Geology**GEOL 5253 Petrology and Diagenesis of Clastic Rocks****Prerequisites:** GEOL 3034.**Description:** Examination of petrology and depositional facies of sandstones and shales. Identification of detrital and diagenetic constituents and determination of paragenetic sequence of diagenetic events. The effect of burial and thermal history on reservoir quality. Field trips required.**Credit hours:** 3**Contact hours:** Lecture: 3 Contact: 3**Levels:** Graduate**Schedule types:** Lecture**Department/School:** Geology**GEOL 5273 Depositional Systems****Prerequisites:** GEOL 3034, GEOL 3546.**Description:** Examination of the processes within depositional environments and the facies they form. Focus on the environmental interpretation of rocks, cores and seismic profiles based on their composition, texture, character, stacking pattern and sedimentary structures. Emphasis on clastic systems. Field trips required.**Credit hours:** 3**Contact hours:** Lecture: 3 Contact: 3**Levels:** Graduate**Schedule types:** Lecture**Department/School:** Geology**GEOL 5283 Subsurface Geologic Methods****Prerequisites:** GEOL 3014, GEOL 3034.**Description:** Use of subsurface geologic information from cores and well logs to prepare maps and identify oil and gas prospects. Field trips required.**Credit hours:** 3**Contact hours:** Lecture: 2 Lab: 2 Contact: 4**Levels:** Graduate**Schedule types:** Lab, Lecture, Combined lecture and lab**Department/School:** Geology**GEOL 5300 Geology Colloquium****Prerequisites:** Graduate standing.**Description:** Discussion of selected topics in the geological sciences with emphasis on professional presentation practices. Offered for fixed 1 credit hour, maximum of 2 credit hours.**Credit hours:** 1**Contact hours:** Contact: 1 Other: 1**Levels:** Graduate**Schedule types:** Independent Study**Department/School:** Geology**GEOL 5313 Plate Tectonics****Prerequisites:** GEOL 3014 with a grade of "C" or higher.**Description:** Study of the Earth's past and present tectonic environments within the framework of plate tectonics. Systematic examination of structural associations in relation to their spatial distributions around and within plate boundaries. Outlining the temporal evolution of the crust. Discussion on mechanisms for plate tectonics. Implication of plate tectonics in terms of resources and the environment. May not be used for degree credit with GEOL 4213.**Credit hours:** 3**Contact hours:** Lecture: 3 Contact: 3**Levels:** Graduate**Schedule types:** Lecture**Department/School:** Geology**GEOL 5333 Applied Geostatistics****Prerequisites:** MATH 2144 with a grade of "C" or higher.**Description:** Application of geostatistical principles and tools to solve geology problems associated with the uncertainty and spatial variability of geological data. The focus is on petroleum and hydrological systems. May not be used for degree credit with GEOL 4433.**Credit hours:** 3**Contact hours:** Lecture: 3 Contact: 3**Levels:** Graduate**Schedule types:** Lecture**Department/School:** Geology



**GEOL 5343 Advanced Petrophysics**

**Prerequisites:** Minimum grade of "C" in PHYS 2014.

**Description:** Provides theoretical background on physical, chemical, and electrical principles involved in routine core analysis (RCA) and special core analysis (SCAL) generic data acquisition, as well as practical experience in applying computational methods to infer petrophysical properties of rocks from RCA and SCAL data. May not be used for degree credit with GEOL 4343.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Graduate

**Schedule types:** Lecture

**Department/School:** Geology

**GEOL 5353 Advanced Well Log Analysis**

**Prerequisites:** GEOL 3034 or consent of instructor.

**Description:** The geologic interpretation of a variety of well logs, emphasized, as well as quantitative methods. Some exercises involve concurrent interpretation of well logs and core samples, or well logs and bit cuttings. Field trips may be required. May not be used for degree credit with GEOL 4313 or GEOL 4323.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Graduate

**Schedule types:** Lecture

**Department/School:** Geology

**GEOL 5363 Carbonate Depositional Systems**

**Prerequisites:** GEOL 3034 with a grade of "C" or higher.

**Description:** Survey course of the main types of carbonate sediments and depositional environments.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Graduate

**Schedule types:** Lecture

**Department/School:** Geology

**GEOL 5383 Sequence Stratigraphy**

**Prerequisites:** GEOL 3034.

**Description:** Principles of sequence stratigraphy including carbonate and siliciclastic dominated intracratonic basins. Integration of surface and subsurface data in projects. Field trips required.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Graduate

**Schedule types:** Lecture

**Department/School:** Geology

**GEOL 5393 Stratigraphy of the Midcontinent**

**Prerequisites:** GEOL 3034 with a grade of "C" or higher.

**Description:** This course will examine Paleozoic stratigraphy of the North American Midcontinent consisting of Texas, Oklahoma, Kansas, Nebraska, Missouri, and northwestern Arkansas. The course will consist of lectures, student presentations, and extensive field work that will serve to familiarize the students with the surface and subsurface relationships of geologic formation and their potential for commercial exploitation for oil and gas resources.

**Credit hours:** 3

**Contact hours:** Lecture: 2 Lab: 3 Contact: 5

**Levels:** Graduate

**Schedule types:** Lab, Lecture, Combined lecture and lab

**Department/School:** Geology

**GEOL 5403 Environmental Geochemistry**

**Prerequisites:** Graduate Standing required.

**Description:** This course is designed to help students comprehend the major chemical components of natural environments and to apply fundamental principles to understand the main controls on the chemistry of pristine and polluted soil, surface, and ground water environments. May not be used for degree credit with GEOL 4403.

**Credit hours:** 3

**Contact hours:** Lecture: 2 Lab: 2 Contact: 4

**Levels:** Graduate

**Schedule types:** Lab, Lecture, Combined lecture and lab

**Department/School:** Geology

**GEOL 5413 Applied Petroleum Geology for Engineers**

**Description:** This course introduces graduate level engineering students to the fundamental concepts of geologic science with emphasis on application to reservoir evaluation, drilling and production of hydrocarbon accumulation. Weekly labs provide hands-on exercises of techniques used for reservoir evaluation. A term project allows graduate students to synthesize concepts from lectures and techniques learned in lab, to evaluate the economic potential of an oil field and prepare a professional presentation. May not be used for degree credit with GEOL 3413.

**Credit hours:** 3

**Contact hours:** Lecture: 2 Lab: 2 Contact: 4

**Levels:** Graduate

**Schedule types:** Lab, Lecture, Combined lecture and lab

**Department/School:** Geology

**GEOL 5423 Groundwater Geochemistry**

**Prerequisites:** CHEM 1314 and MATH 2144.

**Description:** Provides, theoretical background to apply geochemical principles to understand and solve groundwater quality problems, as well as practical experience in applying computational methodologies and tools to predict the response of groundwater systems to natural and anthropogenic disturbances. May not be used for degree credit with GEOL 4423.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Graduate

**Schedule types:** Lecture

**Department/School:** Geology

**GEOL 5433 Isotope Geochemistry**

**Description:** Introduction to the basic principles of stable isotope geochemistry. Study of the production, distribution, and use of naturally occurring and anthropogenically introduced stable isotopes in the earth's near surface environment with applications to hydrology, biogeochemistry, global change and petroleum systems.

**Credit hours:** 3

**Contact hours:** Lecture: 2 Lab: 2 Contact: 4

**Levels:** Graduate

**Schedule types:** Lab, Lecture, Combined lecture and lab

**Department/School:** Geology

**GEOL 5443 Environmental Geophysics**

**Description:** This course addresses environmental and engineering geophysical applications to geological characterization in (1) groundwater, aquifer delineation and contaminant migration, (2) slope stability and engineering site characterization, (3) detection of abandoned landfills, underground storage tanks, UXO, (4) earthquake, sinkholes, and land subsidence hazards, and/or (5) non-invasive archeological site assessment. Students will gain hands-on experiences in both collecting geophysical data in the field and processing real field data in the lab. Field trips required. May not be used for degree credit with GEOL 4443.

**Credit hours:** 3

**Contact hours:** Lecture: 2 Lab: 2 Contact: 4

**Levels:** Graduate

**Schedule types:** Lab, Lecture, Combined lecture and lab

**Department/School:** Geology

**GEOL 5453 Groundwater Modeling**

**Prerequisites:** GEOL 4453 or equivalent, MATH 2144, MATH 2153 each with a grade of "C" or higher.

**Description:** Modeling ground water systems. Realistic problems to acquaint students with the movement of geological fluids. Developing models of fluid movement through the subsurface using geological and geophysical data. Field trips required.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Graduate

**Schedule types:** Lecture

**Department/School:** Geology

**Additional Fees:** Geology Consummable Material fee of \$25 and Geology Field Trip fee of \$100 apply.

**GEOL 5463 Physical Hydrogeology**

**Prerequisites:** GEOL 4453 or equivalent with a grade of C or better; PHYS 2114 with a grade of C or better.

**Description:** Physical ground-water systems. Realistic problems to acquaint students with ground-water occurrence and movement. Geologic, geophysical, hydraulic testing and modeling techniques used to define an actual ground-water system. Ground-water regulations. Field trips required. May not be used for degree credit with GEOL 4463.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Graduate

**Schedule types:** Lecture

**Department/School:** Geology

**GEOL 5483 Petroleum Water Management**

**Prerequisites:** Minimum grade of "C" in GEOL 4453 and MATH 2153, or consent of instructor.

**Description:** Developing, maintaining, and disposing or recycling water for use in the petroleum industry. Problems associated with water production and disposal including water quality issues and seismicity. Field trips required.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Graduate

**Schedule types:** Lecture

**Department/School:** Geology

**GEOL 5513 Marine Geology**

**Prerequisites:** Minimum grade of "C" in: GEOL 3034 and PHYS 1114 or PHYS 2014.

**Description:** Comprehensive examination of the geology of the ocean basins. Topics include: techniques of data collection and interpretation; shoreline, shelf and deep ocean processes; physical oceanography; origin and distribution of marine sediments; paleoceanography; marine mineral resources; marine tectonics and ocean history. Same course as GEOL 4513. May not be used for degree credit with GEOL 4513.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Graduate

**Schedule types:** Lecture

**Department/School:** Geology

**GEOL 5523 Environmental Organic Geochemistry**

**Prerequisites:** CHEM 1314 and 1515 or equivalent; GEOL 3034 or equivalent; GEOL 4403 or equivalent or permission of instructor.

**Description:** Introduction to some environmental aspects of organic geochemistry. Soils and sediments as pollutant receptors, sources of pollutants and selected aspects of environmental health.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Graduate

**Schedule types:** Lecture

**Department/School:** Geology

**GEOL 5533 Organic Geochemistry**

**Prerequisites:** CHEM 1314 and CHEM 1515 or equivalent; GEOL 3034 or equivalent.

**Description:** Chemistry of organic matter in sediments and rocks with an emphasis on marine and petroleum systems.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Graduate

**Schedule types:** Lecture

**Department/School:** Geology

**GEOL 5543 Introduction to Exploration Seismology**

**Prerequisites:** Minimum grade of "C" in GEOL 2103 and MATH 2153 and (PHYS 1214 or PHYS 2114).

**Description:** Introduction to theory, techniques, and application of seismic to field of hydrocarbon, groundwater, and minerals exploration. Review of fundamentals of wave propagation, historical development of the science, and current literature on application and instrumentation. No credit for students with credit in GEOL 4543.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Graduate

**Schedule types:** Lecture

**Department/School:** Geology

**Additional Fees:** Geology Field Trip fee of \$36 applies.

**GEOL 5573 Marine Biogeochemical Cycles****Prerequisites:** GEOL 1224 and GEOL 4403 and CHEM 1314.**Description:** Analysis of the interactions between geological processes, biological activity, and chemical cycling for a range of elements. Limited discussion of atmospheric, terrestrial, and freshwater systems as they impact the oceans will also be discussed. Includes discussions of changes in elemental cycles through Earth's history and comparison to present-day patterns. No credit for credit in GEOL 4573.**Credit hours:** 3**Contact hours:** Lecture: 3 Contact: 3**Levels:** Graduate**Schedule types:** Lecture**Department/School:** Geology**GEOL 5583 Environmental Data Analytics****Prerequisites:** Minimum grade of "C" in MATH 2144.**Description:** Provides theoretical and practical experience in extracting meaning from complex and heterogeneous environmental data sources to understand and manage the natural environment (geosphere, hydrosphere, biosphere, and atmosphere). May not be used for degree credit with GEOL 4583.**Credit hours:** 3**Contact hours:** Lecture: 3 Contact: 3**Levels:** Graduate**Schedule types:** Lecture**Department/School:** Geology**GEOL 5603 Basin Evolution****Prerequisites:** GEOL 3014, GEOL 3034, GEOL 4403.**Description:** Advanced topics in sedimentary basin studies, including tectonics, sequence stratigraphy, facies analysis, regional diagenesis, thermal evolution, regional hydrogeology, and distribution of natural resources.**Credit hours:** 3**Contact hours:** Lecture: 3 Contact: 3**Levels:** Graduate**Schedule types:** Lecture**Department/School:** Geology**Additional Fees:** Geology Field Trip fee of \$50 applies.**GEOL 5633 Exploration Prospect Evaluation****Prerequisites:** Graduate standing and permission of the instructor.**Description:** Evaluation of exploration prospects in frontier and underdeveloped petroleum provinces using borehole-derived and geophysical data. Team taught course that uses industry provided datasets and current data management and interpretation software to reach drill or no-drill decisions based on science, risk analysis and economics.**Credit hours:** 3**Contact hours:** Lecture: 3 Contact: 3**Levels:** Graduate**Schedule types:** Lecture**Department/School:** Geology**GEOL 5643 Seismic Data Processing****Prerequisites:** Consent of instructor.**Description:** Theoretical background and practical training in the processing of seismic reflection and refraction data for petroleum, environmental, and engineering applications. Hands-on digital data processing using standard industry software. Topics to be covered include digital filtering, statics corrections, velocity analysis, deconvolution, stacking, and migration. May not be used for degree credit with GEOL 4643.**Credit hours:** 3**Contact hours:** Lecture: 3 Contact: 3**Levels:** Graduate**Schedule types:** Lecture**Department/School:** Geology**GEOL 5753 Volcanology****Prerequisites:** GEOL 2464 or equivalent with a grade of "C" or higher.**Description:** Examination of volcanic processes, products, and structures on Earth and other terrestrial bodies. Optional field trip. No credit for students with credit in GEOL 4753.**Credit hours:** 3**Contact hours:** Lecture: 3 Contact: 3**Levels:** Graduate**Schedule types:** Lecture**Department/School:** Geology**Additional Fees:** Geology Field Trip fee of \$378 applies.**GEOL 5773 Planetary Geology****Prerequisites:** GEOL 1114, and GEOL 3073 recommended.**Description:** Geology of planets and planetary bodies, including geomorphology, tectonics, geochemistry and geophysics; perspectives on exploration; and life in the universe. Course previously offered as GEOL 4773.**Credit hours:** 3**Contact hours:** Lecture: 2 Lab: 2 Contact: 4**Levels:** Graduate**Schedule types:** Lab, Lecture, Combined lecture and lab**Department/School:** Geology**GEOL 5981 Geoscience Internship****Prerequisites:** Consent of instructor.**Description:** Student participation in a research project during an internship in a Geoscience-related professional work setting for graduate credit. Graded on a pass/fail basis.**Credit hours:** 1**Contact hours:** Contact: 1 Other: 1**Levels:** Graduate**Schedule types:** Independent Study**Department/School:** Geology**GEOL 5990 Advanced Studies in Geology****Prerequisites:** Consent of instructor.**Description:** Individual library, laboratory and/or field projects on facets of geology not covered by existing courses. Field trips may be required. Course previously offered as GEOL 5710. Offered for variable credit, 1-6 credit hours, maximum of 12 credit hours.**Credit hours:** 1-6**Contact hours:** Contact: 1-6 Other: 1-6**Levels:** Graduate**Schedule types:** Independent Study**Department/School:** Geology

**GEOL 6000 Doctoral Dissertation Research**

**Description:** Work toward doctoral dissertation in Geology. Offered for variable credit, 1-12 credit hours, maximum of 60 credit hours.

**Credit hours:** 1-12

**Contact hours:** Contact: 1-12 Other: 1-12

**Levels:** Graduate

**Schedule types:** Independent Study

**Department/School:** Geology

**GEOL 6103 Gravity and Magnetic Methods**

**Prerequisites:** GEOL 4103.

**Description:** Principles of gravity and magnetic methods applied to petroleum, mineral, and groundwater exploration. Engineering applications will also be discussed. Data acquisition, processing and modeling using standard industry software will be emphasized.

**Credit hours:** 3

**Contact hours:** Lecture: 2 Lab: 2 Contact: 4

**Levels:** Graduate

**Schedule types:** Lab, Lecture, Combined lecture and lab

**Department/School:** Geology

**GEOL 6133 Unconventional Petroleum Reservoirs**

**Prerequisites:** GEOL 4023.

**Description:** Review of unconventional sources of oil and gas production including coalbed methane, tight gas-sandstones, gas and oil-bearing shales and transition zone, high-water saturation sandstones and carbonates.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Graduate

**Schedule types:** Lecture

**Department/School:** Geology

**GEOL 6213 Plate Tectonics**

**Description:** Earth's evolution within the framework of plate tectonics. Examination of structural associations in relation to tectonic plate boundaries. Mechanisms for plate tectonics and implication for resources and the environment. May not be used for degree credit with GEOL 4213.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Graduate

**Schedule types:** Lecture

**Department/School:** Geology

**GEOL 6283 Geology of Shales**

**Prerequisites:** Graduate standing or permission of instructor.

**Description:** Team-taught course that combines different geological techniques towards gaining a better understanding of shales as source and reservoir rock. These include petrography, XRD, SEM, Organic and Inorganic chemistry, geophysical logs, paleoecology and biostratigraphy. This course will involve lecture as well as laboratory techniques.

**Credit hours:** 3

**Contact hours:** Lecture: 2 Lab: 2 Contact: 4

**Levels:** Graduate

**Schedule types:** Lab, Lecture, Combined lecture and lab

**Department/School:** Geology

**GEOL 6303 Electrical and Electromagnetic Methods**

**Prerequisites:** GEOL 4103.

**Description:** Principles of the different geoelectrical methods, including electrical resistivity, induced polarization, self potential, electromagnetic, and ground penetrating radar will be emphasized. Geophysical instrumentation, laboratory measurements of physical properties, field procedures, and basic interpretation and near surface geophysical applications will be discussed. Recent advances in geoelectrical methods and case studies will be examined by reviewing current literature. Field trip required.

**Credit hours:** 3

**Contact hours:** Lecture: 2 Lab: 2 Contact: 4

**Levels:** Graduate

**Schedule types:** Lab, Lecture, Combined lecture and lab

**Department/School:** Geology

**GEOL 6363 Carbonate Reservoir Characterization**

**Prerequisites:** GEOL 5363 with a grade of "B" or better.

**Description:** Integrated study and application of modern and ancient depositional systems, diagenesis, petrophysics, sequence stratigraphy, and geostatistical modeling towards the understanding of the three dimensional distribution and reservoir characterization of carbonate and mixed carbonate/siliciclastic systems. This is a seminar and project-based course. Field trip required.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Graduate

**Schedule types:** Lecture

**Department/School:** Geology

**GEOL 6373 Advanced Carbonate Petrology and Geochemistry**

**Prerequisites:** GEOL 4403 with a grade of "C" or higher and GEOL 5363 with a grade of "B" or higher or equivalents or consent of instructor.

**Description:** This course will cover advanced topics in carbonate petrology and geochemistry with emphasis on both early and late diagenetic processes, dolomitization, porosity and permeability, geochemical evolution of seawater and carbonate sediments, and regional diagenetic patterns in carbonate rocks and related strata.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Graduate

**Schedule types:** Lecture

**Department/School:** Geology

**GEOL 6386 Sequence Stratigraphy of Shales**

**Prerequisites:** Graduate standing. Intensive field course focusing on hydrocarbon-bearing shales of the Midcontinent.

**Description:** Advanced field techniques including high resolution spectral gamma ray analysis and highly detailed measured sections will be taught. Fifty localities including Devonian-Early Mississippian (Woodford and Chattanooga shales), Upper Mississippian (Barnett, Caney, and Fayetteville shales) and Pennsylvanian-Lower Permian shales will be analyzed.

**Credit hours:** 6

**Contact hours:** Lecture: 2 Lab: 12 Contact: 14

**Levels:** Graduate

**Schedule types:** Lab, Lecture, Combined lecture and lab

**Department/School:** Geology

**GEOL 6503 Rock Fractures****Prerequisites:** GEOL 3014.**Description:** Mechanical analysis and tectonic implications of brittle structural features such as joints, veins, and faults. Examination of topics such as mechanical stratigraphy in layered rocks, factors controlling joint spacing, and the dependence of failure mode on lithology. Field trips may be required.**Credit hours:** 3**Contact hours:** Lecture: 2 Contact: 3 Other: 1**Levels:** Graduate**Schedule types:** Discussion, Combined lecture & discussion, Lecture**Department/School:** Geology**GEOL 6553 Contaminant Hydrogeology****Prerequisites:** GEOL 4453 or an equivalent.**Description:** Contaminant Hydrogeology will evaluate characterization and remediation approaches in a range of geologic settings for common subsurface impacts. Course will cover saline impacts, nonaqueous phase liquids, and emerging contaminants. Course previously offered as GEOL 5553.**Credit hours:** 3**Contact hours:** Lecture: 1 Lab: 4 Contact: 5**Levels:** Graduate**Schedule types:** Lab, Lecture, Combined lecture and lab**Department/School:** Geology

## Undergraduate Programs

- Environmental Geoscience, BS (p. 1242)
- Geology, BS (p. 1244)
- Geology: Business Essentials, BS (p. 1247)
- Geology: Environmental Geology, BS (p. 1250)
- Geology: Petroleum Geology, BS (p. 1253)
- Geology: Pre-Law, BS (p. 1256)
- Geology: Secondary Teacher Certification, BS (p. 1259)
- Geophysics, BS (p. 1263)

## Graduate Programs

### Prerequisites

The student should have at least 30 credit hours in geosciences. Credit hours must include courses in physical geology, historical geology, rocks and minerals/mineralogy, sedimentology/stratigraphy, structural geology, field camp, or other courses relevant to the student's graduate research. Additional undergraduate requirements to enter the graduate programs include: two courses in chemistry/geochemistry, two courses in physics, and/or math courses through calculus II. Deficiencies in coursework must be made up by the student after entering the program. The Graduate Record Examination is recommended, but not required, for admission to the program.

## The Master of Science Degree\*

The MS is awarded through the completion of a thesis. Each candidate must complete at least 30 semester credit hours of work beyond the prerequisites. As many as 12 of these may be taken in other departments of the University upon approval by the candidate's advisory committee. A final defense of the thesis and the research that it documents is required of all students.

## The Doctor of Philosophy Degree

The PhD is awarded upon completion of a doctoral dissertation. A minimum of 60 credit hours (coursework and research hours) beyond the MS or MA degree are required for the PhD. Under normal circumstances, students must hold a master's degree in geology or a related field to be accepted into the PhD program. However, under exceptional circumstances, students may be accepted directly into the PhD program without a master's degree. Such students will be required to complete a total of 90 semester credit hours (coursework and research hours) to earn their degree. Such decisions are made by the entire faculty of the School of Geology, upon recommendation of the Graduate Advisor. To be admitted to candidacy, students must pass a written and oral qualifying exam, and successfully defend their dissertation research proposal and pass an associated comprehensive exam. The PhD is conferred after the successful defense of the dissertation.

## \*Accelerated Master of Science Degree

Our School is proud to offer an Accelerated MS option. Students who wish to pursue an Accelerated Master's should have completed 90 or more hours toward their BS by the end of their term of application, including GEOL 3014 and GEOL 3034, and should have a strong background with undergraduate research. Students who are admitted into the Accelerated Master's program will be eligible to share 9 credit hours between their BS and MS degrees.

## Minors

- Geology (GEOL), Minor (p. 1262)
- Geophysics (GPHY), Minor (p. 1266)

## Faculty

Camelia Knapp, PhD—Head, Professor (V. Brown Monnett Chair of Petroleum Geology)

**Professors:** Mohamed Abdel Salam, PhD (Boone Pickens Endowed Chair in Geophysics); G. Michael Grammer, PhD (Chesapeake Energy Corporation Chair of Petroleum Research); Todd Halihan, PhD (Sun Company Clyde Wheeler Chair in Hydrogeology); Priyank Jaiswal, PhD; James H. Knapp, PhD (Boone Pickens Distinguished Chair of Geoscience); Jack Pashin, PhD (Devon Energy Corporation Chair of Basin Research); James Puckette, PhD (Geoscience Education Chair)

**Associate Professors:** Daniel Laó Dávila, PhD; Tracy Quan, PhD; Natascha Riedinger, PhD; Javier Vilcaez, PhD

**Assistant Professors:** Ashley Burkett, PhD; Ahmed Ismail, PhD; Tingying Xu, PhD

**Teaching Assistant Professor:** Brandon Spencer, PhD

**Visiting Associate Professor:** Mary Hileman, PhD



## Environmental Geoscience, BS

**Requirements for Students Matriculating in or before Academic Year 2022-2023.** Learn more about University Academic Regulation 3.1 (p. 943).

**Minimum Overall Grade Point Average: 2.00**

**Total Hours: 120**

Code	Title	Hours
<b>General Education Requirements</b>		
<i>English Composition</i>		
See Academic Regulation 3.5 (p. 944)		
ENGL 1113	Composition I	3
or ENGL 1313	Critical Analysis and Writing I	
Select one of the following:		3
ENGL 1213	Composition II	
ENGL 1413	Critical Analysis and Writing II	
ENGL 3323	Technical Writing	
<i>American History &amp; Government</i>		
HIST 1103	Survey of American History	3
or HIST 1483	American History to 1865 (H)	
or HIST 1493	American History Since 1865 (DH)	
POLS 1113	American Government	3
<i>Analytical &amp; Quantitative Thought (A)</i>		
MATH 1513	College Algebra (A)	3
<i>Humanities (H)</i>		
Courses designated (H)		6
<i>Natural Sciences (N)</i>		
Must include one Laboratory Science (L) course		
BIOL 1114	Introductory Biology (LN)	4
CHEM 1314	Chemistry I (LN)	4
<i>Social &amp; Behavioral Sciences (S)</i>		
Course designated (S)		3
<i>Additional General Education</i>		
Courses designated (A), (H), (N), or (S)		8
<b>Hours Subtotal</b>		<b>40</b>
<b>Diversity (D) &amp; International Dimension (I)</b>		
May be completed in any part of the degree plan		
Select at least one Diversity (D) course		
Select at least one International Dimension (I) course		
<b>College/Departmental Requirements</b>		
<i>First Year Seminar</i>		
(Transfer students with 15 hours exempt)		1
<i>Arts &amp; Humanities</i>		
See note 2.a.		3
<i>Natural &amp; Mathematical Sciences</i>		
GEOL 1014	Geology and Human Affairs (LN)	4
or GEOL 1114	Physical Geology (LN)	
PHYS 1114	College Physics I (LN)	4
GEOL 4300	Geology Colloquium	1
<i>Foreign Language</i>		
0-6 hours. See note 3.		

### Upper-Division General Education

Select 6 hours outside major department. See note 2.c.

<b>Hours Subtotal</b>		<b>13</b>
<b>Major Requirements</b>		
Minimum grade of "C" in all Geology courses.		
GEOL 2103	Fundamentals of Geophysics	3
GEOL 2403	Chemistry of Earth Systems	3
GEOL 2464	Rocks and Minerals	4
GEOL 3503	Environmental Geology (N)	3
GEOL 4453	Hydrogeology	3
GEOG 4073	Climate Change: Past, Present, and Future	3
GEOG 4203	Fundamentals of Geographic Information Systems	3
GEOG 4343	Geographic Information Systems: Resource Management Applications	3
NREM 3013	Applied Ecology and Conservation <sup>1</sup>	3-4
or BIOL 3034	General Ecology	
or ENVR 3113	Sampling and Analyses for Solving Environmental Problems	
SOIL 2124	Fundamentals of Soil Science (N)	4
POLS 4363	Environmental Law And Policy	3
Select 17-18 hours from the following: <sup>1</sup>		17-18
GEOL 1224	Evolution of the Earth (LN)	
GEOL 3014	Structural Geology	
GEOL 3034	Principles of Stratigraphy and Sedimentology	
GEOL 3073	Geomorphology	
GEOL 3103	Paleontology	
GEOL 4463	Physical Hydrogeology	
GEOL 4503	Introduction to Oceanography (N)	
GEOL 4583	Environmental Data Analytics	
GEOG 3333	Spatial Analysis (A)	
GEOG 4053	Biogeography	
GEOG 4333	Remote Sensing	
GEOG 4263	Geospatial Applications for Unmanned Aerial Systems	
ENVR 1113	Elements of Environmental Science (N)	
NREM 3153	Forest Health and Disturbance Ecology	
BIOL 4434	Limnology	

**Hours Subtotal** **52-54**

### Electives

Select 14 hours **14**

**Hours Subtotal** **14**

**Total Hours** **120**

1

If BIOL 3034 taken, then 18 hours will need to be taken from this group.

## Other Requirements

- See the College of Arts and Sciences Requirements.
- **Upper-Division Credit:** Total hours must include at least 40 hours in courses numbered 3000 or above.



- **Hours in One Department:** For B.A. and B.S. degrees, no more than 54 hours in one department may be applied to degree requirements.

## **Additional State/OSU Requirements**

- At least: 60 hours at a four-year institution; 30 hours completed at OSU; 15 of the final 30 or 50% of the upper-division hours in the major field completed at OSU.
- Limit of: one-half of major course requirements as transfer work; one-fourth of hours earned by correspondence; 8 transfer correspondence hours.
- Students will be held responsible for degree requirements in effect at the time of matriculation and any changes that are made, so long as these changes do not result in semester credit hours being added or do not delay graduation.
- Degrees that follow this plan must be completed by the end of Summer 2028.

# Geology, BS

## Degree Requirements

**Requirements for Students Matriculating in or before Academic Year 2022-2023.** Learn more about University Academic Regulation 3.1 (p. 943).

**Minimum Overall Grade Point Average:** 2.00

**Total Hours:** 120

Code	Title	Hours
<b>General Education Requirements</b>		
<i>English Composition</i>		
See Academic Regulation 3.5 (p. 944)		
ENGL 1113	Composition I	3
or ENGL 1313	Critical Analysis and Writing I	
Select one of the following:		3
ENGL 1213	Composition II	
ENGL 1413	Critical Analysis and Writing II	
ENGL 3323	Technical Writing	
<i>American History &amp; Government</i>		
HIST 1103	Survey of American History	3
or HIST 1483	American History to 1865 (H)	
or HIST 1493	American History Since 1865 (DH)	
POLS 1113	American Government	3
<i>Analytical &amp; Quantitative Thought (A)</i>		
MATH 2144	Calculus I (A) <sup>1</sup>	4
<i>Humanities (H)</i>		
Courses designated (H)		6
<i>Natural Sciences (N)</i>		
Must include one Laboratory Science (L) course		
Select four hours from the following:		4
BIOL 1113	Introductory Biology (N)	
& BIOL 1111	and Introductory Biology Laboratory (LN) <sup>1</sup>	
BIOL 1114	Introductory Biology (LN) <sup>1</sup>	
CHEM 1314	Chemistry I (LN) <sup>1</sup>	4
<i>Social &amp; Behavioral Sciences (S)</i>		
Course designated (S)		3
<i>Additional General Education</i>		
Courses designated (A), (H), (N), or (S)		7
<b>Hours Subtotal</b>		<b>40</b>
<b>Diversity (D) &amp; International Dimension (I)</b>		
May be completed in any part of the degree plan		
Select at least one Diversity (D) course		
Select at least one International Dimension (I) course		
<b>College/Departmental Requirements</b>		
<i>First Year Seminar</i>		
(Transfer students with 15 hours exempt)		1
<i>Arts &amp; Humanities</i>		
See note 2.a.		3
<i>Natural &amp; Mathematical Sciences</i>		
CHEM 1515	Chemistry II (LN)	5
PHYS 2014	University Physics I (LN)	4

### Foreign Language

See note 3.

0-6 hours

### Upper-Division General Education

Select 6 hours outside major department

See note 2.c.

**Hours Subtotal** **13**

### Major Requirements

Minimum grade of "C" in all Geology courses.

### Core Curriculum

GEOL 1114	Physical Geology (LN)	4
GEOL 1224	Evolution of the Earth (LN)	4
GEOL 2464	Rocks and Minerals	4
GEOL 3014	Structural Geology	4
GEOL 3034	Principles of Stratigraphy and Sedimentology	4
GEOL 3546	Field Geology	6
MATH 2153	Calculus II (A)	3
PHYS 2114	University Physics II (LN)	4

### Related Curriculum

Select 21 hours of upper-division GEOL <sup>2</sup> **21**

**Hours Subtotal** **54**

### Electives

Select 13 hours **13**

May need to include 6 hours of a foreign language. See note 3

May need to include 6 hours upper-division general education outside major department (see note 2.c.) and 8 additional upper-division hours

MATH 1513 and MATH 1813 required for students who do not place directly into MATH 2144

Recommended courses:

GEOG 4203	Fundamentals of Geographic Information Systems
STAT 4013	Statistical Methods I (A)

**Hours Subtotal** **13**

**Total Hours** **120**

1

College and Departmental Requirements that may be used to meet General Education Requirements.

2

Excluding GEOL 3043 Geology of the National Parks (N), GEOL 3413 Petroleum Geology for Engineers and GEOL 3513 Earthquakes, Volcanoes, and Disasters (N)

## Other Requirements

- See the College of Arts and Sciences Requirements.
- **Upper-Division Credit:** Total hours must include at least 40 hours in courses numbered 3000 or above.
- **Hours in One Department:** For B.A. and B.S. degrees, no more than 54 hours in one department may be applied to degree requirements.

# College of Arts and Sciences Requirements

## 1. General Education Requirements

No more than two courses (or eight hours) from the major department (<http://catalog.okstate.edu/college-arts-sciences-major-departments/>) may be used to meet General Education and College and Departmental Requirements. The General Education required English Composition, required U.S. History, required American Government, one required MATH or STAT course, and required foreign language for B.A. degrees do not count against the two-course maximum.

## 2. A&S College/Departmental Requirements

- Arts and Humanities are defined as any course carrying an (H) designation or courses from AMST, ART, DANC, ENGL (except ENGL 3323 Technical Writing) HIST, MUSI, PHIL (except PHIL 1313 Logic and Critical Thinking (A), PHIL 3003 Symbolic Logic (A) and PHIL 4003 Mathematical Logic and Computability), REL, TH, and foreign languages.
- Natural and Mathematical Sciences are defined as any course from the following prefixes: ASTR, BIOC, BIOL, CHEM, CS (except CS 4883 Social Issues in Computing), GEOL, MATH, MICR, PBIO, PHYS, and STAT; or courses from other departments that carry an (A) or (N) general education designation.
- The required six hours of upper-division General Education may not include courses from the student's major department. This requirement may be satisfied by courses also used to satisfy any part of a student's degree program (i.e., in General Education, College Departmental Requirements, Major Requirements or Electives).
- Non-Western Studies Requirement for B.A. and B.F.A.; One 3-hour course in Non-Western Studies (N.W.). This requirement may be satisfied by courses also used to satisfy any part of a student's degree program (i.e., in General Education, College Departmental Requirements, Major Requirements or Electives).
- The College of Arts & Sciences requires a minimum 2.0 GPA in all major requirements and a minimum 2.0 GPA in all major-prefix courses applied to the degree.

## 3. Foreign Language Proficiency

- The foreign language requirement for the B.A. may be satisfied by 9 hours college credit in the same language, which must include 3 hours at the 2000-level, or equivalent proficiency (e.g., passing an advanced standing examination; TOEFL exam; presenting a high school transcript which demonstrates the high school was primarily conducted in a language other than English; etc.). Computer Science courses may not be used to satisfy this requirement. Currently Arabic and Mvskoke are not offered at the 2000-level at OSU.
- The foreign language requirement for the B.S., B.M. and B.F.A. may be satisfied by presenting a high school transcript which demonstrates two years of study of a single foreign language (passing grades at second-year level of study). It may also be satisfied by 6 hours college credit in the same language, which must include language courses 1713 and 1813, or equivalent proficiency (e.g., passing an advanced standing examination; TOEFL exam; presenting a high school transcript which demonstrates the high school was primarily conducted in a language other than English; etc.). Computer Science courses may not be used to satisfy this requirement.

- In addition to a. and b., students pursuing teacher certification must meet novice-high foreign language proficiency by presenting a high school transcript which demonstrates two years of study of a single foreign language with no grade below B. Or, students may complete 3 hours college credit in a single language with no grade below C (or pass an advanced standing examination, College Level Examination Program (CLEP) exam, or Oral Proficiency Interview developed by the American Council on the Teaching of Foreign Languages, equivalent to 3 hours of college credit.) Or, students may meet the requirement by transfer of documentation of meeting the foreign language competency from one of the teacher education programs in the State of Oklahoma approved by the Oklahoma State Regents for Higher Education.

## 4. Exclusions

- Courses used to satisfy the General Education English Composition, U.S. History, American Government, and Mathematics or Statistics requirements will not count toward the 54-hour maximum allowed from one department.
- Courses with ATHL or LEIS prefixes and leisure activity courses may not be used for degree credit.

## Additional State/OSU Requirements

- At least: 60 hours at a four-year institution; 30 hours completed at OSU; 15 of the final 30 or 50% of the upper-division hours in the major field completed at OSU.
- Limit of: one-half of major course requirements as transfer work; one-fourth of hours earned by correspondence; 8 transfer correspondence hours.
- Students will be held responsible for degree requirements in effect at the time of matriculation and any changes that are made, so long as these changes do not result in semester credit hours being added or do not delay graduation.
- Degrees that follow this plan must be completed by the end of Summer 2028.

## Example Plan of Study

### Finish in Four Plan of Study

The plan below is an example of how students can successfully complete degree requirements in four years. This suggested class schedule plan may be used as a guide and can be adjusted based on individual needs. Students are required to meet with an academic advisor prior to enrollment each semester to plan their class schedule, and students are ultimately responsible for completing all degree requirements.

Course	Title	Hours
<b>Freshman</b>		
<b>Fall</b>		
MATH 2144	Calculus I (A)	4
GEOL 1114	Physical Geology (LN)	4
General Education courses		6
		<b>Hours</b>
		<b>14</b>
<b>Spring</b>		
MATH 2153	Calculus II (A)	3
CHEM 1314	Chemistry I (LN)	4
GEOL 1224	Evolution of the Earth (LN)	4
General Education courses		3
		<b>Hours</b>
		<b>14</b>

**Sophomore****Fall**

CHEM 1515	Chemistry II (LN)	5
GEOL 2464	Rocks and Minerals	4
General Education courses		6
<b>Hours</b>		<b>15</b>

**Spring**

GEOL 3034	Principles of Stratigraphy and Sedimentology	4
BIOL 1114	Introductory Biology (LN)	4
Major, College, or Elective courses		7
<b>Hours</b>		<b>15</b>

**Junior****Fall**

PHYS 2014	University Physics I (LN)	4
Major, College, and Elective courses		12
<b>Hours</b>		<b>16</b>

**Spring**

GEOL 3034	Principles of Stratigraphy and Sedimentology	4
PHYS 2114	University Physics II (LN)	4
Major, College, and Elective courses		7
<b>Hours</b>		<b>15</b>

**Senior****Fall**

GEOL 3014	Structural Geology	4
Major, College, and Elective courses		12
<b>Hours</b>		<b>16</b>

**Spring**

Major, College, and Elective courses		15
<b>Hours</b>		<b>15</b>
<b>Total Hours</b>		<b>120</b>

1

Speak with academic advisor about saving General Education electives and Humanities (H) for Upper-division courses with International (I) and Diversity (D) dimensions.

# Geology: Business Essentials, BS

## Degree Programs

**Requirements for Students Matriculating in or before Academic Year 2022-2023.** Learn more about University Academic Regulation 3.1 (p. 943).

**Minimum Overall Grade Point Average: 2.00**

**Total Hours: 120**

Code	Title	Hours
<b>General Education Requirements</b>		
<i>English Composition</i>		
ENGL 1113	Composition I	3
	or ENGL 1313	Critical Analysis and Writing I
Select one of the following:		3
ENGL 1213	Composition II	
ENGL 1413	Critical Analysis and Writing II	
ENGL 3323	Technical Writing	
See Academic Regulation 3.5 (p. 944)		
<i>American History &amp; Government</i>		
HIST 1103	Survey of American History	3
	or HIST 1483	American History to 1865 (H)
	or HIST 1493	American History Since 1865 (DH)
POLS 1113	American Government	3
<i>Analytical &amp; Quantitative Thought (A)</i>		
MATH 2144	Calculus I (A) <sup>1</sup>	4
<i>Humanities (H)</i>		
Courses designated (H)		6
<i>Natural Sciences (N)</i>		
Must include one Laboratory Science (L) course.		
PHYS 2014	University Physics I (LN) <sup>1</sup>	4
	or PHYS 1114	College Physics I (LN)
Select four hours from the following:		4
BIOL 1113	Introductory Biology (N)	
& BIOL 1111	and Introductory Biology Laboratory (LN) <sup>1</sup>	
BIOL 1114	Introductory Biology (LN) <sup>1</sup>	
<i>Social &amp; Behavioral Sciences (S)</i>		
Course designated (S)		3
<i>Additional General Education</i>		
Courses designated A, H, N, or S		7
<b>Hours Subtotal</b>		<b>40</b>
<b>Diversity (D) &amp; International Dimension (I)</b>		
May be completed in any part of the degree plan.		
At least one Diversity (D) course.		
At least one International Dimension (I) course.		
<b>College/Departmental Requirements</b>		
<i>First Year Seminar</i>		
Transfer students with 15 hours exempt		1
<i>Arts &amp; Humanities</i>		
(See note 2.a.)		3
<i>Natural &amp; Mathematics Sciences</i>		
CHEM 1314	Chemistry I (LN)	4

CHEM 1515	Chemistry II (LN)	5
(See note 2.b.)		
<i>Foreign Languages</i>		
See note 3.		
<i>Upper-Division General Education</i>		
6 hours outside major department		
See note 2.c.		
<b>Hours Subtotal</b>		<b>13</b>
<b>Major Requirements</b>		
Minimum grade of "C" in all Geology courses.		
<i>Core Curriculum</i>		
GEOL 1114	Physical Geology (LN)	4
GEOL 1224	Evolution of the Earth (LN)	4
GEOL 2464	Rocks and Minerals	4
GEOL 3014	Structural Geology	4
GEOL 3034	Principles of Stratigraphy and Sedimentology	4
GEOL 3546	Field Geology	6
PHYS 2114	University Physics II (LN)	4
	or PHYS 1214	College Physics II (LN)
3 hours STAT designated (A)		3
12 hours upper-division GEOL <sup>2</sup>		12
<i>Business Essentials</i>		
ACCT 2003	Survey of Accounting	3
LSB 3213	Legal and Regulatory Environment of Business	3
MKTG 3213	Marketing (S)	3
MGMT 3013	Fundamentals of Management (S)	3
3 hours from:		3
ECON 2003	Microeconomic Principles for Business	
EEE 2023	Introduction to Entrepreneurship	
FIN 3113	Finance	
	or FIN 4003	Introduction to Energy Business
<b>Hours Subtotal</b>		<b>60</b>
<b>Electives</b>		
<b>Hours Subtotal</b>		<b>7</b>
May need to include 6 hours of a foreign language. See note 3.		
6 hours of MBA courses during senior year recommended for consideration into the OSU MBA Program upon graduation.		
MATH 1513 and MATH 1813 may be required for students who do not place directly into MATH 2144.		
<b>Hours Subtotal</b>		<b>7</b>
<b>Total Hours</b>		<b>120</b>

1

College and Departmental Requirements that may be used to meet General Education Requirements.

2

Excluding GEOL 3043 Geology of the National Parks (N), GEOL 3413 Petroleum Geology for Engineers, and GEOL 3513 Earthquakes, Volcanoes, and Disasters (N).

## Other Requirements

- See the College of Arts and Sciences Requirements.
- **Upper-Division Credit:** Total hours must include at least 40 hours in courses numbered 3000 or above.
- **Hours in One Department:** For B.A. and B.S. degrees, no more than 54 hours in one department may be applied to degree requirements.

## College of Arts and Sciences Requirements

### 1. General Education Requirements

No more than two courses (or eight hours) from the major department (<http://catalog.okstate.edu/college-arts-sciences-major-departments/>) may be used to meet General Education and College and Departmental Requirements. The General Education required English Composition, required U.S. History, required American Government, one required MATH or STAT course, and required foreign language for B.A. degrees do not count against the two-course maximum.

### 2. A&S College/Departmental Requirements

- Arts and Humanities are defined as any course carrying an (H) designation or courses from AMST, ART, DANC, ENGL (except ENGL 3323 Technical Writing) HIST, MUSI, PHIL (except PHIL 1313 Logic and Critical Thinking (A), PHIL 3003 Symbolic Logic (A) and PHIL 4003 Mathematical Logic and Computability), REL, TH, and foreign languages.
- Natural and Mathematical Sciences are defined as any course from the following prefixes: ASTR, BIOC, BIOL, CHEM, CS (except CS 4883 Social Issues in Computing), GEOL, MATH, MICR, PBIO, PHYS, and STAT; or courses from other departments that carry an (A) or (N) general education designation.
- The required six hours of upper-division General Education may not include courses from the student's major department. This requirement may be satisfied by courses also used to satisfy any part of a student's degree program (i.e., in General Education, College Departmental Requirements, Major Requirements or Electives).
- Non-Western Studies Requirement for B.A. and B.F.A.; One 3-hour course in Non-Western Studies (N.W.). This requirement may be satisfied by courses also used to satisfy any part of a student's degree program (i.e., in General Education, College Departmental Requirements, Major Requirements or Electives).
- The College of Arts & Sciences requires a minimum 2.0 GPA in all major requirements and a minimum 2.0 GPA in all major-prefix courses applied to the degree.

### 3. Foreign Language Proficiency

- The foreign language requirement for the B.A. may be satisfied by 9 hours college credit in the same language, which must include 3 hours at the 2000-level, or equivalent proficiency (e.g., passing an advanced standing examination; TOEFL exam; presenting a high school transcript which demonstrates the high school was primarily conducted in a language other than English; etc.). Computer Science courses may not be used to satisfy this requirement. Currently Arabic and Mvskoke are not offered at the 2000-level at OSU.
- The foreign language requirement for the B.S., B.M. and B.F.A. may be satisfied by presenting a high school transcript which demonstrates two years of study of a single foreign language (passing grades at second-year level of study). It may also

be satisfied by 6 hours college credit in the same language, which must include language courses 1713 and 1813, or equivalent proficiency (e.g., passing an advanced standing examination; TOEFL exam; presenting a high school transcript which demonstrates the high school was primarily conducted in a language other than English; etc.). Computer Science courses may not be used to satisfy this requirement.

- In addition to a. and b., students pursuing teacher certification must meet novice-high foreign language proficiency by presenting a high school transcript which demonstrates two years of study of a single foreign language with no grade below B. Or, students may complete 3 hours college credit in a single language with no grade below C (or pass an advanced standing examination, College Level Examination Program (CLEP) exam, or Oral Proficiency Interview developed by the American Council on the Teaching of Foreign Languages, equivalent to 3 hours of college credit.) Or, students may meet the requirement by transfer of documentation of meeting the foreign language competency from one of the teacher education programs in the State of Oklahoma approved by the Oklahoma State Regents for Higher Education.

### 4. Exclusions

- Courses used to satisfy the General Education English Composition, U.S. History, American Government, and Mathematics or Statistics requirements will not count toward the 54-hour maximum allowed from one department.
- Courses with ATHL or LEIS prefixes and leisure activity courses may not be used for degree credit.

## Additional State/OSU Requirements

- At least: 60 hours at a four-year institution; 30 hours completed at OSU; 15 of the final 30 or 50% of the upper-division hours in the major field completed at OSU.
- Limit of: one-half of major course requirements as transfer work; one-fourth of hours earned by correspondence; 8 transfer correspondence hours.
- Students will be held responsible for degree requirements in effect at the time of matriculation and any changes that are made, so long as these changes do not result in semester credit hours being added or do not delay graduation.
- Degrees that follow this plan must be completed by the end of Summer 2028.

## Example Plan of Study

### Finish in Four Plan of Study

The plan below is an **example** of how students can successfully complete degree requirements in four years. This suggested class schedule plan may be used as a guide and can be adjusted based on individual needs. Students are required to meet with an academic advisor prior to enrollment each semester to plan their class schedule, and students are ultimately responsible for completing all degree requirements.

Course	Title	Hours
<b>Freshman</b>		
<b>Fall</b>		
MATH 2144	Calculus I (A)	4
GEOL 1114	Physical Geology (LN)	4
GEOL 4300	Geology Colloquium	1



General Education courses		6
<b>Hours</b>		<b>15</b>
<b>Spring</b>		
CHEM 1314	Chemistry I (LN)	4
GEOL 1224	Evolution of the Earth (LN)	4
GEOL 4300	Geology Colloquium	1
General Education courses		6
<b>Hours</b>		<b>15</b>
<b>Sophomore</b>		
<b>Fall</b>		
CHEM 1515	Chemistry II (LN)	5
GEOL 2464	Rocks and Minerals	4
GEOL 4300	Geology Colloquium	1
College and General Education courses		5
<b>Hours</b>		<b>15</b>
<b>Spring</b>		
BIOL 1114	Introductory Biology (LN)	4
3 hours STAT designated (A)		3
GEOL 4300	Geology Colloquium	1
Major, College, and Elective courses		7
<b>Hours</b>		<b>15</b>
<b>Junior</b>		
<b>Fall</b>		
PHYS 1114 or PHYS 2014	College Physics I (LN) or University Physics I (LN)	4
Major, College, and Elective courses		11
<b>Hours</b>		<b>15</b>
<b>Spring</b>		
GEOL 3034	Principles of Stratigraphy and Sedimentology	4
PHYS 1214 or PHYS 2114	College Physics II (LN) or University Physics II (LN)	4
Major, College, and Elective courses		5
<b>Hours</b>		<b>13</b>
<b>Summer</b>		
GEOL 3546	Field Geology	6
<b>Hours</b>		<b>6</b>
<b>Senior</b>		
<b>Fall</b>		
GEOL 3014	Structural Geology	4
Major, College, and Elective courses		9
<b>Hours</b>		<b>13</b>
<b>Spring</b>		
Major, College, and Elective courses		13
<b>Hours</b>		<b>13</b>
<b>Total Hours</b>		<b>120</b>

## Geology: Environmental Geology, BS

### Degree Programs

**Requirements for Students Matriculating in or before Academic Year 2022-2023.** Learn more about University Academic Regulation 3.1 (p. 943).

**Minimum Overall Grade Point Average: 2.00**

**Total Hours: 120**

Code	Title	Hours
<b>General Education Requirements</b>		
<i>English Composition</i>		
See Academic Regulation 3.5 (p. 944)		
ENGL 1113	Composition I	3
or ENGL 1313	Critical Analysis and Writing I	
ENGL 1213	Composition II	3
or ENGL 1413	Critical Analysis and Writing II	
or ENGL 3323	Technical Writing	
<i>American History &amp; Government</i>		
HIST 1103	Survey of American History	3
or HIST 1483	American History to 1865 (H)	
or HIST 1493	American History Since 1865 (DH)	
POLS 1113	American Government	3
<i>Analytical &amp; Quantitative Thought (A)</i>		
MATH 2144	Calculus I (A) <sup>1</sup>	4
<i>Humanities (H)</i>		
Courses designated (H)		
6		
<i>Natural Sciences (N)</i>		
Must include one Laboratory Science (L) course.		
PHYS 2014	University Physics I (LN) <sup>1</sup>	4
Select four hours from the following:		
BIOL 1113	Introductory Biology (N)	
& BIOL 1111	and Introductory Biology Laboratory (LN) <sup>1</sup>	
BIOL 1114	Introductory Biology (LN) <sup>1</sup>	
<i>Social &amp; Behavioral Sciences (S)</i>		
Course designated (S)		
3		
<i>Additional General Education</i>		
Courses designated (A), (H), (N), or (S)		
7		
<b>Hours Subtotal</b>		<b>40</b>
<b>Diversity (D) &amp; International Dimension (I)</b>		
May be completed in any part of the degree plan.		
At least one Diversity (D) course		
At least one International Dimension (I) course		
<b>College/Departmental Requirements</b>		
<i>First Year Seminar</i>		
(Transfer students with 15 hours exempt)		
1		
<i>Arts &amp; Humanities</i>		
(See note 2.a.)		
3		
<i>Natural &amp; Mathematical Sciences</i>		
CHEM 1314	Chemistry I (LN)	4
CHEM 1515	Chemistry II (LN)	5
(See note 2.b.)		

#### Foreign Languages

(See note 3.)

0-6 hours

#### Upper-Division General Education

6 hours outside major department

(See note 2.c.)

**Hours Subtotal** **13**

#### Major Requirements

Minimum grade of "C" in all Major Required courses.

#### Core Curriculum:

GEOL 1114	Physical Geology (LN)	4
GEOL 1224	Evolution of the Earth (LN)	4
GEOL 2464	Rocks and Minerals	4
GEOL 3014	Structural Geology	4
GEOL 3034	Principles of Stratigraphy and Sedimentology	4
GEOL 3503	Environmental Geology (N)	3
GEOL 4403	Geochemistry	3
GEOL 4453	Hydrogeology	3
GEOL 3546	Field Geology	6
ENVR 1113	Elements of Environmental Science (N)	3
GEOG 4203	Fundamentals of Geographic Information Systems	3
PHYS 2114	University Physics II (LN)	4
3 hours STAT designated (A)		3

#### Related Curriculum:

9 hours upper-division related from: CHEM, ENVR, GEOG, GEOL, NREM, POLS, SOIL <sup>2</sup>

**Hours Subtotal** **57**

#### Electives

Select 10 hours. **10**

May need to include 6 hours of a foreign language. See note 3.

MATH 1513 and MATH 1813 required for students who do not place directly into MATH 2144.

**Hours Subtotal** **10**

**Total Hours** **120**

### Other Requirements

- See the College of Arts and Sciences Requirements.
- **Upper-Division Credit:** Total hours must include at least 40 hours in courses numbered 3000 or above.
- **Hours in One Department:** For B.A. and B.S. degrees, no more than 54 hours in one department may be applied to degree requirements.

### College of Arts and Sciences Requirements

#### 1. General Education Requirements

No more than two courses (or eight hours) from the major department (<http://catalog.okstate.edu/college-arts-sciences-major-departments/>) may be used to meet General Education and College and Departmental Requirements. The General Education required English Composition, required U.S. History, required American Government, one required MATH or STAT course, and required foreign

language for B.A. degrees do not count against the two-course maximum.

## 2. A&S College/Departmental Requirements

- Arts and Humanities are defined as any course carrying an (H) designation or courses from AMST, ART, DANC, ENGL (except ENGL 3323 Technical Writing) HIST, MUSI, PHIL (except PHIL 1313 Logic and Critical Thinking (A), PHIL 3003 Symbolic Logic (A) and PHIL 4003 Mathematical Logic and Computability), REL, TH, and foreign languages.
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- The required six hours of upper-division General Education may not include courses from the student's major department. This requirement may be satisfied by courses also used to satisfy any part of a student's degree program (i.e., in General Education, College Departmental Requirements, Major Requirements or Electives).
- Non-Western Studies Requirement for B.A. and B.F.A.; One 3-hour course in Non-Western Studies (N.W.). This requirement may be satisfied by courses also used to satisfy any part of a student's degree program (i.e., in General Education, College Departmental Requirements, Major Requirements or Electives).
- The College of Arts & Sciences requires a minimum 2.0 GPA in all major requirements and a minimum 2.0 GPA in all major-prefix courses applied to the degree.

## 3. Foreign Language Proficiency

- The foreign language requirement for the B.A. may be satisfied by 9 hours college credit in the same language, which must include 3 hours at the 2000-level, or equivalent proficiency (e.g., passing an advanced standing examination; TOEFL exam; presenting a high school transcript which demonstrates the high school was primarily conducted in a language other than English; etc.). Computer Science courses may not be used to satisfy this requirement. Currently Arabic and Mvskoke are not offered at the 2000-level at OSU.
- The foreign language requirement for the B.S., B.M. and B.F.A. may be satisfied by presenting a high school transcript which demonstrates two years of study of a single foreign language (passing grades at second-year level of study). It may also be satisfied by 6 hours college credit in the same language, which must include language courses 1713 and 1813, or equivalent proficiency (e.g., passing an advanced standing examination; TOEFL exam; presenting a high school transcript which demonstrates the high school was primarily conducted in a language other than English; etc.). Computer Science courses may not be used to satisfy this requirement.
- In addition to a. and b., students pursuing teacher certification must meet novice-high foreign language proficiency by presenting a high school transcript which demonstrates two years of study of a single foreign language with no grade below B. Or, students may complete 3 hours college credit in a single language with no grade below C (or pass an advanced standing examination, College Level Examination Program (CLEP) exam, or Oral Proficiency Interview developed by the American Council on the Teaching of Foreign Languages, equivalent to 3 hours of college credit.) Or, students may meet the requirement by transfer of documentation of meeting the foreign language competency

from one of the teacher education programs in the State of Oklahoma approved by the Oklahoma State Regents for Higher Education.

## 4. Exclusions

- Courses used to satisfy the General Education English Composition, U.S. History, American Government, and Mathematics or Statistics requirements will not count toward the 54-hour maximum allowed from one department.
- Courses with ATHL or LEIS prefixes and leisure activity courses may not be used for degree credit.

## Additional State/OSU Requirements

- At least: 60 hours at a four-year institution; 30 hours completed at OSU; 15 of the final 30 or 50% of the upper-division hours in the major field completed at OSU.
- Limit of: one-half of major course requirements as transfer work; one-fourth of hours earned by correspondence; 8 transfer correspondence hours.
- Students will be held responsible for degree requirements in effect at the time of matriculation and any changes that are made, so long as these changes do not result in semester credit hours being added or do not delay graduation.
- Degrees that follow this plan must be completed by the end of Summer 2028.

## Example Plan of Study

### Finish in Four Plan of Study

The plan below is an **example** of how students can successfully complete degree requirements in four years. This suggested class schedule plan may be used as a guide and can be adjusted based on individual needs. Students are required to meet with an academic advisor prior to enrollment each semester to plan their class schedule, and students are ultimately responsible for completing all degree requirements.

Course	Title	Hours
<b>Freshman</b>		
<b>Fall</b>		
MATH 2144	Calculus I (A)	4
GEOL 1114	Physical Geology (LN)	4
GEOL 4300	Geology Colloquium	1
General Education courses		6
		<b>Hours</b>
		<b>15</b>
<b>Spring</b>		
MATH 2153	Calculus II (A)	3
CHEM 1314	Chemistry I (LN)	4
GEOL 1224	Evolution of the Earth (LN)	4
GEOL 4300	Geology Colloquium	1
General Education courses		3
		<b>Hours</b>
		<b>15</b>
<b>Sophomore</b>		
<b>Fall</b>		
CHEM 1515	Chemistry II (LN)	5
GEOL 2464	Rocks and Minerals	4
GEOL 4300	Geology Colloquium	1
ENVR 1113	Elements of Environmental Science (N)	3
College and General Education courses		2
		<b>Hours</b>
		<b>15</b>
<b>Spring</b>		
GEOL 3503	Environmental Geology (N)	3

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BIOL 1114	Introductory Biology (LN)	4
GEOL 4300	Geology Colloquium	1
Major, College, and Elective courses		7
<b>Hours</b>		<b>15</b>
<b>Junior</b>		
<b>Fall</b>		
PHYS 2014	University Physics I (LN)	4
Major, College, and Elective courses		11
<b>Hours</b>		<b>15</b>
<b>Spring</b>		
GEOL 3034	Principles of Stratigraphy and Sedimentology	4
PHYS 2114	University Physics II (LN)	4
GEOG 4203	Fundamentals of Geographic Information Systems	3
Major, College, and Elective courses		2
<b>Hours</b>		<b>13</b>
<b>Summer</b>		
GEOL 3546	Field Geology	6
<b>Hours</b>		<b>6</b>
<b>Senior</b>		
<b>Fall</b>		
GEOL 3014	Structural Geology	4
Major, College, and Elective courses		9
<b>Hours</b>		<b>13</b>
<b>Spring</b>		
GEOL 4403	Geochemistry (Every other year)	3
Major, College, and Elective courses		10
<b>Hours</b>		<b>13</b>
<b>Total Hours</b>		<b>120</b>

# Geology: Petroleum Geology, BS

## Degree Programs

**Requirements for Students Matriculating in or before Academic Year 2022-2023.** Learn more about University Academic Regulation 3.1 (p. 943).

**Minimum Overall Grade Point Average:** 2.00

**Total Hours:** 120

Code	Title	Hours
<b>General Education Requirements</b>		
<i>English Composition</i>		
See Academic Regulation 3.5 (p. 944)		
ENGL 1113	Composition I	3
or ENGL 1313	Critical Analysis and Writing I	
ENGL 1213	Composition II	3
or ENGL 1413	Critical Analysis and Writing II	
or ENGL 3323	Technical Writing	
<i>American History &amp; Government</i>		
HIST 1103	Survey of American History	3
or HIST 1483	American History to 1865 (H)	
or HIST 1493	American History Since 1865 (DH)	
POLS 1113	American Government	3
<i>Analytical &amp; Quantitative Thought (A)</i>		
MATH 2144	Calculus I (A) <sup>1</sup>	4
<i>Humanities (H)</i>		
Courses designated (H)		
6		
<i>Natural Sciences (N)</i>		
Must include one Laboratory Science (L) course		
PHYS 2014	University Physics I (LN) <sup>1</sup>	4
Select four hours from the following:		
4		
BIOL 1113	Introductory Biology (N)	
& BIOL 1111	and Introductory Biology Laboratory (LN) <sup>1</sup>	
BIOL 1114	Introductory Biology (LN) <sup>1</sup>	
<i>Social &amp; Behavioral Sciences (S)</i>		
Course designated (S)		
3		
<i>Additional General Education</i>		
Courses designated (A), (H), (N), or (S)		
7		
<b>Hours Subtotal</b>		<b>40</b>
<b>Diversity (D) &amp; International Dimension (I)</b>		
May be completed in any part of the degree plan.		
At least one Diversity (D) course		
At least one International Dimension (I) course		
<b>College/Departmental Requirements</b>		
<i>First Year Seminar</i>		
(Transfer students with 15 hours exempt)		
1		
<i>Arts &amp; Humanities</i>		
(See note 2.a.)		
3		
<i>Natural &amp; Mathematical Sciences</i>		
CHEM 1314	Chemistry I (LN)	4
CHEM 1515	Chemistry II (LN)	5
(See note 2.b.)		

### Foreign Languages

(See note 3.)

0-6 hours

### Upper-Division General Education

6 hours outside major department

(See note 2.c.)

**Hours Subtotal** **13**

### Major Requirements

Minimum grade of "C" in all Major Required courses.

#### Core Curriculum:

GEOL 1114	Physical Geology (LN)	4
GEOL 1224	Evolution of the Earth (LN)	4
GEOL 2464	Rocks and Minerals	4
GEOL 3014	Structural Geology	4
GEOL 3034	Principles of Stratigraphy and Sedimentology	4
GEOL 4023	Petroleum Geology	3
GEOL 4103	Introduction to Geophysical Exploration	3
or GEOL 4403	Geochemistry	
GEOL 4213	Plate Tectonics	3
GEOL 4313	Introduction to Well Log Analysis	3
GEOL 4453	Hydrogeology	3
GEOL 3546	Field Geology	6

#### Related Curriculum:

FIN 4003	Introduction to Energy Business	3
GEOG 4203	Fundamentals of Geographic Information Systems	3
MATH 2153	Calculus II (A)	3
PHYS 2114	University Physics II (LN)	4

**Hours Subtotal** **54**

**Electives** **13**

May need to include 6 hours of a foreign language

See note 3.

MATH 1513 and MATH 1813 required for students who do not place directly into MATH 2144.

GEOL 3103, GEOL 4113, GEOL 4463, and GEOL 4513 or GEOL 4573 recommended.

**Hours Subtotal** **13**

**Total Hours** **120**

1

College and Departmental Requirements that may be used to meet General Education Requirements.

## Other Requirements

- See the College of Arts and Sciences Requirements
- **Upper-Division Credit:** Total hours must include at least 40 hours in courses numbered 3000 or above.
- **Hours in One Department:** For B.A. and B.S. degrees, no more than 54 hours in one department may be applied to degree requirements.

## College of Arts and Sciences Requirements

### 1. General Education Requirements

No more than two courses (or eight hours) from the major department (<http://catalog.okstate.edu/college-arts-sciences-major-departments/>) may be used to meet General Education and College and Departmental Requirements. The General Education required English Composition, required U.S. History, required American Government, one required MATH or STAT course, and required foreign language for B.A. degrees do not count against the two-course maximum.

### 2. A&S College/Departmental Requirements

- Arts and Humanities are defined as any course carrying an (H) designation or courses from AMST, ART, DANC, ENGL (except ENGL 3323 Technical Writing) HIST, MUSI, PHIL (except PHIL 1313 Logic and Critical Thinking (A), PHIL 3003 Symbolic Logic (A) and PHIL 4003 Mathematical Logic and Computability), REL, TH, and foreign languages.
- Natural and Mathematical Sciences are defined as any course from the following prefixes: ASTR, BIOC, BIOL, CHEM, CS (except CS 4883 Social Issues in Computing), GEOL, MATH, MICR, PBIO, PHYS, and STAT; or courses from other departments that carry an (A) or (N) general education designation.
- The required six hours of upper-division General Education may not include courses from the student's major department. This requirement may be satisfied by courses also used to satisfy any part of a student's degree program (i.e., in General Education, College Departmental Requirements, Major Requirements or Electives).
- Non-Western Studies Requirement for B.A. and B.F.A.; One 3-hour course in Non-Western Studies (N.W.). This requirement may be satisfied by courses also used to satisfy any part of a student's degree program (i.e., in General Education, College Departmental Requirements, Major Requirements or Electives).
- The College of Arts & Sciences requires a minimum 2.0 GPA in all major requirements and a minimum 2.0 GPA in all major-prefix courses applied to the degree.

### 3. Foreign Language Proficiency

- The foreign language requirement for the B.A. may be satisfied by 9 hours college credit in the same language, which must include 3 hours at the 2000-level, or equivalent proficiency (e.g., passing an advanced standing examination; TOEFL exam; presenting a high school transcript which demonstrates the high school was primarily conducted in a language other than English; etc.). Computer Science courses may not be used to satisfy this requirement. Currently Arabic and Mvskoke are not offered at the 2000-level at OSU.
- The foreign language requirement for the B.S., B.M. and B.F.A. may be satisfied by presenting a high school transcript which demonstrates two years of study of a single foreign language (passing grades at second-year level of study). It may also be satisfied by 6 hours college credit in the same language, which must include language courses 1713 and 1813, or equivalent proficiency (e.g., passing an advanced standing examination; TOEFL exam; presenting a high school transcript which demonstrates the high school was primarily conducted in a language other than English; etc.). Computer Science courses may not be used to satisfy this requirement.

- In addition to a. and b., students pursuing teacher certification must meet novice-high foreign language proficiency by presenting a high school transcript which demonstrates two years of study of a single foreign language with no grade below B. Or, students may complete 3 hours college credit in a single language with no grade below C (or pass an advanced standing examination, College Level Examination Program (CLEP) exam, or Oral Proficiency Interview developed by the American Council on the Teaching of Foreign Languages, equivalent to 3 hours of college credit.) Or, students may meet the requirement by transfer of documentation of meeting the foreign language competency from one of the teacher education programs in the State of Oklahoma approved by the Oklahoma State Regents for Higher Education.

### 4. Exclusions

- Courses used to satisfy the General Education English Composition, U.S. History, American Government, and Mathematics or Statistics requirements will not count toward the 54-hour maximum allowed from one department.
- Courses with ATHL or LEIS prefixes and leisure activity courses may not be used for degree credit.

## Additional State/OSU Requirements

- At least:** 60 hours at a four-year institution; 30 hours completed at OSU; 15 of the final 30 and 50% of the upper-division hours in the major field completed at OSU.
- Limit of:** one-half of major course requirements as transfer work; one-fourth of hours earned by correspondence; 8 transfer correspondence hours.
- Students will be held responsible for degree requirements in effect at the time of matriculation and any changes that are made, so long as these changes do not result in semester credit hours being added or do not delay graduation.
- Degrees that follow this plan must be completed by the end of Summer 2028.

## Example Plan of Study

### Finish in Four Plan of Study

The plan below is an **example** of how students can successfully complete degree requirements in four years. This suggested class schedule plan may be used as a guide and can be adjusted based on individual needs. Students are required to meet with an academic advisor prior to enrollment each semester to plan their class schedule, and students are ultimately responsible for completing all degree requirements.

Course	Title	Hours
<b>Freshman</b>		
<b>Fall</b>		
MATH 2144	Calculus I (A)	4
GEOL 1114	Physical Geology (LN)	4
GEOL 4300	Geology Colloquium	1
General Education courses		5
		<b>Hours</b>
		<b>14</b>
<b>Spring</b>		
MATH 2153	Calculus II (A)	3
CHEM 1314	Chemistry I (LN)	4
GEOL 1224	Evolution of the Earth (LN)	4
GEOL 4300	Geology Colloquium	1



General Education courses		3
<b>Hours</b>		<b>15</b>
<b>Sophomore</b>		
<b>Fall</b>		
CHEM 1515	Chemistry II (LN)	5
GEOL 2464	Rocks and Minerals	4
GEOL 4300	Geology Colloquium	1
College and General Education courses		5
<b>Hours</b>		<b>15</b>
<b>Spring</b>		
BIOL 1114	Introductory Biology (LN)	4
GEOL 4300	Geology Colloquium	1
Major, College, and Elective courses		11
<b>Hours</b>		<b>16</b>
<b>Junior</b>		
<b>Fall</b>		
PHYS 2014	University Physics I (LN)	4
Major, College, and Elective courses		11
<b>Hours</b>		<b>15</b>
<b>Spring</b>		
GEOL 3034	Principles of Stratigraphy and Sedimentology	4
PHYS 2114	University Physics II (LN)	4
Major, College, and Elective courses		5
<b>Hours</b>		<b>13</b>
<b>Summer</b>		
GEOL 3546	Field Geology	6
<b>Hours</b>		<b>6</b>
<b>Senior</b>		
<b>Fall</b>		
GEOL 3014	Structural Geology	4
GEOL 4103 or GEOL 4403	Introduction to Geophysical Exploration or Geochemistry	3
GEOL 4313	Introduction to Well Log Analysis	3
GEOL 4453	Hydrogeology	3
<b>Hours</b>		<b>13</b>
<b>Spring</b>		
GEOL 4023	Petroleum Geology	3
GEOL 4213	Plate Tectonics (Every other year)	3
GEOG 4203	Fundamentals of Geographic Information Systems	3
Major, College, and Elective courses		4
<b>Hours</b>		<b>13</b>
<b>Total Hours</b>		<b>120</b>

## Geology: Pre-Law, BS

### Degree Programs

**Requirements for Students Matriculating in or before Academic Year 2022-2023.** Learn more about University Academic Regulation 3.1 (p. 943).

**Minimum Overall Grade Point Average: 2.00**

**Total Hours: 120**

Code	Title	Hours
<b>General Education Requirements</b>		
<i>English Composition</i>		
See Academic Regulation 3.5 (p. 944)		
ENGL 1113	Composition I	3
or ENGL 1313	Critical Analysis and Writing I	
ENGL 1213	Composition II	3
or ENGL 1413	Critical Analysis and Writing II	
or ENGL 3323	Technical Writing	
<i>American History &amp; Government</i>		
HIST 1103	Survey of American History	3
or HIST 1483	American History to 1865 (H)	
or HIST 1493	American History Since 1865 (DH)	
POLS 1113	American Government	3
<i>Analytical &amp; Quantitative Thought (A)</i>		
MATH 2144	Calculus I (A) <sup>1</sup>	4
<i>Humanities (H)</i>		
Courses designated (H)		6
<i>Natural Sciences (N)</i>		
Must include one Laboratory Science (L) course.		
PHYS 2014	University Physics I (LN) <sup>1</sup>	4
or PHYS 1114	College Physics I (LN)	
Select four hours from the following:		4
BIOL 1113	Introductory Biology (N)	
& BIOL 1111	and Introductory Biology Laboratory (LN) <sup>1</sup>	
BIOL 1114	Introductory Biology (LN) <sup>1</sup>	
<i>Social &amp; Behavioral Sciences (S)</i>		
Course designated (S)		3
<i>Additional General Education</i>		
Courses designated (A), (H), (N), or (S)		7
<b>Hours Subtotal</b>		<b>40</b>
<b>Diversity (D) &amp; International Dimension (I)</b>		
May be completed in any part of the degree plan.		
At least one Diversity (D) course		
At least one International Dimension (I) course		
<b>College/Departmental Requirements</b>		
<i>First Year Seminar</i>		
(Transfer students with 15 hours exempt)		1
<i>Arts &amp; Humanities</i>		
(See note 2.a.)		3
<i>Natural &amp; Mathematical Sciences</i>		
CHEM 1314	Chemistry I (LN)	4
CHEM 1515	Chemistry II (LN)	5

(See note 2.b.)

*Foreign Languages*

(See note 3.)

*Upper-Division General Education*

6 hours outside major department

(See note 2.c.)

**Hours Subtotal** **13**

**Major Requirements**

Minimum grade of "C" in all Geology courses.

Core Curriculum:

GEOL 1114	Physical Geology (LN)	4
GEOL 1224	Evolution of the Earth (LN)	4
GEOL 2464	Rocks and Minerals	4
GEOL 3014	Structural Geology	4
GEOL 3034	Principles of Stratigraphy and Sedimentology	4
GEOL 3503	Environmental Geology (N)	3
GEOL 4023	Petroleum Geology	3
or GEOL 4453	Hydrogeology	
GEOL 3546	Field Geology	6
PHYS 2114	University Physics II (LN)	4
or PHYS 1214	College Physics II (LN)	

3 hours STAT designated (A) **3**

Pre-Law Curriculum:

18 hours from: **18**

AGEC 3713	Agricultural Law	
ENGL 3323	Technical Writing	
LSB 3213	Legal and Regulatory Environment of Business	
LSB 4633	Legal Aspects of International Business Transactions (I)	
PHIL 1313	Logic and Critical Thinking (A)	
PHIL 3843	Philosophy of Law (H)	
POLS 3033	International Law	
POLS 3993	Legal Research And Analysis	
POLS 4363	Environmental Law And Policy	
PSYC 4143	Psychology and Law	
SOC 4313	Sociology of Law	
SOC 4433	Environmental Sociology (S)	
SPCH 3733	Elements of Persuasion (S)	

or other courses as approved by the Geology undergraduate advisor.

**Hours Subtotal** **57**

**Electives**

Select 10 hours **10**

May need to include 6 hours of a foreign language.

See note 3.

MATH 1513 and MATH 1813 required for students who do not place directly into MATH 2144.

**Hours Subtotal** **10**

**Total Hours** **120**

1

College and Departmental Requirements that may be used to meet General Education Requirements.

2

Excluding GEOL 3043 Geology of the National Parks (N), GEOL 3413 Petroleum Geology for Engineers, and GEOL 3513 Earthquakes, Volcanoes, and Disasters (N).

## Other Requirements

- See the College of Arts and Sciences Requirements.
- **Upper-Division Credit:** Total hours must include at least 40 hours in courses numbered 3000 or above.
- **Hours in One Department:** For B.A. and B.S. degrees, no more than 54 hours in one department may be applied to degree requirements.

## College of Arts and Sciences Requirements

### 1. General Education Requirements

No more than two courses (or eight hours) from the major department (<http://catalog.okstate.edu/college-arts-sciences-major-departments/>) may be used to meet General Education and College and Departmental Requirements. The General Education required English Composition, required U.S. History, required American Government, one required MATH or STAT course, and required foreign language for B.A. degrees do not count against the two-course maximum.

### 2. A&S College/Departmental Requirements

- Arts and Humanities are defined as any course carrying an (H) designation or courses from AMST, ART, DANC, ENGL (except ENGL 3323 Technical Writing) HIST, MUSI, PHIL (except PHIL 1313 Logic and Critical Thinking (A), PHIL 3003 Symbolic Logic (A) and PHIL 4003 Mathematical Logic and Computability), REL, TH, and foreign languages.
- Natural and Mathematical Sciences are defined as any course from the following prefixes: ASTR, BIOC, BIOL, CHEM, CS (except CS 4883 Social Issues in Computing), GEOL, MATH, MICR, PBIO, PHYS, and STAT; or courses from other departments that carry an (A) or (N) general education designation.
- The required six hours of upper-division General Education may not include courses from the student's major department. This requirement may be satisfied by courses also used to satisfy any part of a student's degree program (i.e., in General Education, College Departmental Requirements, Major Requirements or Electives).
- Non-Western Studies Requirement for B.A. and B.F.A.; One 3-hour course in Non-Western Studies (N.W.). This requirement may be satisfied by courses also used to satisfy any part of a student's degree program (i.e., in General Education, College Departmental Requirements, Major Requirements or Electives).
- The College of Arts & Sciences requires a minimum 2.0 GPA in all major requirements and a minimum 2.0 GPA in all major-prefix courses applied to the degree.

### 3. Foreign Language Proficiency

- The foreign language requirement for the B.A. may be satisfied by 9 hours college credit in the same language, which must include 3 hours at the 2000-level, or equivalent proficiency (e.g., passing an advanced standing examination; TOEFL exam; presenting

a high school transcript which demonstrates the high school was primarily conducted in a language other than English; etc.). Computer Science courses may not be used to satisfy this requirement. Currently Arabic and Mvskoke are not offered at the 2000-level at OSU.

- The foreign language requirement for the B.S., B.M. and B.F.A. may be satisfied by presenting a high school transcript which demonstrates two years of study of a single foreign language (passing grades at second-year level of study). It may also be satisfied by 6 hours college credit in the same language, which must include language courses 1713 and 1813, or equivalent proficiency (e.g., passing an advanced standing examination; TOEFL exam; presenting a high school transcript which demonstrates the high school was primarily conducted in a language other than English; etc.). Computer Science courses may not be used to satisfy this requirement.
- In addition to a. and b., students pursuing teacher certification must meet novice-high foreign language proficiency by presenting a high school transcript which demonstrates two years of study of a single foreign language with no grade below B. Or, students may complete 3 hours college credit in a single language with no grade below C (or pass an advanced standing examination, College Level Examination Program (CLEP) exam, or Oral Proficiency Interview developed by the American Council on the Teaching of Foreign Languages, equivalent to 3 hours of college credit.) Or, students may meet the requirement by transfer of documentation of meeting the foreign language competency from one of the teacher education programs in the State of Oklahoma approved by the Oklahoma State Regents for Higher Education.

### 4. Exclusions

- Courses used to satisfy the General Education English Composition, U.S. History, American Government, and Mathematics or Statistics requirements will not count toward the 54-hour maximum allowed from one department.
- Courses with ATHL or LEIS prefixes and leisure activity courses may not be used for degree credit.

## Additional State/OSU Requirements

- **At least:** 60 hours at a four-year institution; 30 hours completed at OSU; 15 of the final 30 and 50% of the upper-division hours in the major field completed at OSU.
- **Limit of:** one-half of major course requirements as transfer work; one-fourth of hours earned by correspondence; 8 transfer correspondence hours.
- Students will be held responsible for degree requirements in effect at the time of matriculation and any changes that are made, so long as these changes do not result in semester credit hours being added or do not delay graduation.
- Degrees that follow this plan must be completed by the end of Summer 2028.

## Example Plan of Study

### Finish in Four Plan of Study

The plan below is an **example** of how students can successfully complete degree requirements in four years. This suggested class schedule plan may be used as a guide and can be adjusted based on individual needs. Students are required to meet with an academic advisor prior to

enrollment each semester to plan their class schedule, and students are ultimately responsible for completing all degree requirements.

Course	Title	Hours
<b>Freshman</b>		
<b>Fall</b>		
MATH 2144	Calculus I (A)	4
GEOL 1114	Physical Geology (LN)	4
GEOL 4300	Geology Colloquium	1
General Education courses		6
<b>Hours</b>		<b>15</b>
<b>Spring</b>		
CHEM 1314	Chemistry I (LN)	4
MATH 2153	Calculus II (A) (or STAT)	3
GEOL 1224	Evolution of the Earth (LN)	4
GEOL 4300	Geology Colloquium	1
General Education courses		3
<b>Hours</b>		<b>15</b>
<b>Sophomore</b>		
<b>Fall</b>		
CHEM 1515	Chemistry II (LN)	5
GEOL 2464	Rocks and Minerals	4
GEOL 4300	Geology Colloquium	1
College and General Education courses		5
<b>Hours</b>		<b>15</b>
<b>Spring</b>		
GEOL 3503	Environmental Geology (N)	3
BIOL 1114	Introductory Biology (LN)	4
3 hours STAT designated (A)		3
GEOL 4300	Geology Colloquium	1
Major, College, and Elective courses		4
<b>Hours</b>		<b>15</b>
<b>Junior</b>		
<b>Fall</b>		
PHYS 1114 or PHYS 2014	College Physics I (LN) or University Physics I (LN)	4
Major, College, and Elective courses		11
<b>Hours</b>		<b>15</b>
<b>Spring</b>		
GEOL 3034	Principles of Stratigraphy and Sedimentology	4
PHYS 1214 or PHYS 2114	College Physics II (LN) or University Physics II (LN)	4
Major, College, and Elective courses		5
<b>Hours</b>		<b>13</b>
<b>Summer</b>		
GEOL 3546	Field Geology	6
<b>Hours</b>		<b>6</b>
<b>Senior</b>		
<b>Fall</b>		
GEOL 3014	Structural Geology	4
Major, College, and Elective courses		9
<b>Hours</b>		<b>13</b>
<b>Spring</b>		
GEOL 4023 or GEOL 4453	Petroleum Geology or Hydrogeology	3
Major, College, and Elective courses		10
<b>Hours</b>		<b>13</b>
<b>Total Hours</b>		<b>120</b>

# Geology: Secondary Teacher Certification, BS

## Degree Requirements

**Requirements for Students Matriculating in or before Academic Year 2022-2023.** Learn more about University Academic Regulation 3.1 (p. 943).

**Minimum Overall Grade Point Average: 2.50**

**Total Hours: 120**

Code	Title	Hours
<b>General Education Requirements</b>		
<i>English Composition</i>		
See Academic Regulation 3.5 (p. 944)		
ENGL 1113	Composition I	3
or ENGL 1313	Critical Analysis and Writing I	
Select one of the following:		3
ENGL 1213	Composition II	
ENGL 1413	Critical Analysis and Writing II	
ENGL 3323	Technical Writing	
<i>American History &amp; Government</i>		
HIST 1103	Survey of American History	3
or HIST 1483	American History to 1865 (H)	
or HIST 1493	American History Since 1865 (DH)	
POLS 1113	American Government	3
<i>Analytical &amp; Quantitative Thought (A)</i>		
MATH 2144	Calculus I (A) <sup>1,2</sup>	4
3 hours STAT designated (A) <sup>1,2</sup>		3
<i>Humanities (H)</i>		
PHIL 3933	Creation and Evolution <sup>1</sup>	3
Course designated (H)		3
<i>Natural Sciences (N)</i>		
Must include one Laboratory Science (L) course		
GEOL 1114	Physical Geology (LN) <sup>1,2</sup>	4
PHYS 2014	University Physics I (LN) <sup>1,2</sup>	4
or PHYS 1114	College Physics I (LN)	
Select four hours from the following:		4
BIOL 1113	Introductory Biology (N)	
& BIOL 1111	and Introductory Biology Laboratory (LN) <sup>1,2</sup>	
BIOL 1114	Introductory Biology (LN) <sup>1,2</sup>	
<i>Social &amp; Behavioral Sciences (S)</i>		
Course designated (S)		3
<b>Hours Subtotal</b>		<b>40</b>
<b>Diversity (D) &amp; International Dimension (I)</b>		
May be completed in any part of the degree plan		
Select at least one Diversity (D) course		
Select at least one International Dimension (I) course		
<b>College/Departmental Requirements</b>		
<i>First Year Seminar</i>		
(Transfer students with 15 hours exempt)		1
<i>Arts &amp; Humanities</i>		

See note 2.a.		3
<i>Natural &amp; Mathematical Sciences</i>		
CHEM 1314	Chemistry I (LN)	4
CHEM 1515	Chemistry II (LN)	5
<i>Foreign Language</i>		
See note 3		0
0-6 hours		
<i>Upper-Division General Education</i>		
Select 6 hours outside major department. See note 2.c.		
<b>Hours Subtotal</b>		<b>13</b>
<b>Major Requirements</b>		
Minimum GPA 2.50 and minimum grade of "C" or "P" for courses in Geology Core and those denoted with <sup>2</sup>		
ASTR 1023	Stars, Galaxies, Universe (N)	3
GEOL 1224	Evolution of the Earth (LN)	4
GEOL 2464	Rocks and Minerals	4
GEOL 2773	Introduction to Planetary Geology (N)	3
GEOL 3014	Structural Geology	4
GEOL 3034	Principles of Stratigraphy and Sedimentology	4
GEOL 3503	Environmental Geology (N)	3
GEOL 4503	Introduction to Oceanography (N)	3
GEOG 3023	Climatology (N)	3
or GEOG 3033	Meteorology (N)	
<i>Secondary Education Professional Core</i>		
Minimum GPA 2.50 and minimum grade of "C" or "P" in each course		
SMED 1012	Inquiry Approaches to Teaching	2
SMED 3013	Knowing and Learning in Mathematics and Science	3
SMED 4013	Classroom Interactions	3
SMED 4023	Problem-Based Learning in Mathematics and Science	3
SMED 4611	Authentic Research in the Science Classroom	1
SMED 4613	Teaching the Nature of Science Through an Inquiry Approach <sup>3</sup>	3
SMED 4713	Teaching and Learning Science in the Secondary School <sup>3</sup>	3
SMED 4723	Senior Seminar in Secondary Mathematics and Science Education <sup>3</sup>	3
SPED 3202	Educating Exceptional Learners (D)	2
CIED 4720	Internship in the Secondary Classroom (6 hours) <sup>3</sup>	6
<b>Hours Subtotal</b>		<b>60</b>
<b>Electives</b>		
Select 7 hours		7
May need to include 6 hours of a foreign language (see note 3)		
Suggested electives for Physical Science Certification: CHEM 3013 or CHEM 3015 and PHYS 1214 or PHYS 2114		
MATH 1513 and MATH 1813 required for students who do not place directly into MATH 2144		

<b>Hours Subtotal</b>	<b>7</b>
<b>Total Hours</b>	<b>120</b>

1

College and Departmental Requirements that may be used to meet General Education Requirements.

2

Minimum GPA 2.50 and minimum grade of "C" or "P" for courses in Geology Core and those denoted with <sup>2</sup>.

3

Full admission to Professional Education required.

## Other Requirements

- See the College of Arts and Sciences Requirements.
- **Upper-Division Credit:** Total hours must include at least 40 hours in courses numbered 3000 or above.
- **Hours in One Department:** For B.A. and B.S. degrees, no more than 54 hours in one department may be applied to degree requirements.

## College of Arts and Sciences Requirements

### 1. General Education Requirements

No more than two courses (or eight hours) from the major department (<http://catalog.okstate.edu/college-arts-sciences-major-departments/>) may be used to meet General Education and College and Departmental Requirements. The General Education required English Composition, required U.S. History, required American Government, one required MATH or STAT course, and required foreign language for B.A. degrees do not count against the two-course maximum.

### 2. A&S College/Departmental Requirements

- Arts and Humanities are defined as any course carrying an (H) designation or courses from AMST, ART, DANC, ENGL (except ENGL 3323 Technical Writing) HIST, MUSI, PHIL (except PHIL 1313 Logic and Critical Thinking (A), PHIL 3003 Symbolic Logic (A) and PHIL 4003 Mathematical Logic and Computability), REL, TH, and foreign languages.
- Natural and Mathematical Sciences are defined as any course from the following prefixes: ASTR, BIOC, BIOL, CHEM, CS (except CS 4883 Social Issues in Computing), GEOL, MATH, MICR, PBIO, PHYS, and STAT; or courses from other departments that carry an (A) or (N) general education designation.
- The required six hours of upper-division General Education may not include courses from the student's major department. This requirement may be satisfied by courses also used to satisfy any part of a student's degree program (i.e., in General Education, College Departmental Requirements, Major Requirements or Electives).
- Non-Western Studies Requirement for B.A. and B.F.A.; One 3-hour course in Non-Western Studies (N.W.). This requirement may be satisfied by courses also used to satisfy any part of a student's degree program (i.e., in General Education, College Departmental Requirements, Major Requirements or Electives).
- The College of Arts & Sciences requires a minimum 2.0 GPA in all major requirements and a minimum 2.0 GPA in all major-prefix courses applied to the degree.

### 3. Foreign Language Proficiency

- The foreign language requirement for the B.A. may be satisfied by 9 hours college credit in the same language, which must include 3 hours at the 2000-level, or equivalent proficiency (e.g., passing an advanced standing examination; TOEFL exam; presenting a high school transcript which demonstrates the high school was primarily conducted in a language other than English; etc.). Computer Science courses may not be used to satisfy this requirement. Currently Arabic and Mvskoke are not offered at the 2000-level at OSU.
  - The foreign language requirement for the B.S., B.M. and B.F.A. may be satisfied by presenting a high school transcript which demonstrates two years of study of a single foreign language (passing grades at second-year level of study). It may also be satisfied by 6 hours college credit in the same language, which must include language courses 1713 and 1813, or equivalent proficiency (e.g., passing an advanced standing examination; TOEFL exam; presenting a high school transcript which demonstrates the high school was primarily conducted in a language other than English; etc.). Computer Science courses may not be used to satisfy this requirement.
  - In addition to a. and b., students pursuing teacher certification must meet novice-high foreign language proficiency by presenting a high school transcript which demonstrates two years of study of a single foreign language with no grade below B. Or, students may complete 3 hours college credit in a single language with no grade below C (or pass an advanced standing examination, College Level Examination Program (CLEP) exam, or Oral Proficiency Interview developed by the American Council on the Teaching of Foreign Languages, equivalent to 3 hours of college credit.) Or, students may meet the requirement by transfer of documentation of meeting the foreign language competency from one of the teacher education programs in the State of Oklahoma approved by the Oklahoma State Regents for Higher Education.
- ### 4. Exclusions
- Courses used to satisfy the General Education English Composition, U.S. History, American Government, and Mathematics or Statistics requirements will not count toward the 54-hour maximum allowed from one department.
  - Courses with ATHL or LEIS prefixes and leisure activity courses may not be used for degree credit.

## Additional State/OSU Requirements

- At least: 60 hours at a four-year institution; 30 hours completed at OSU; 15 of the final 30 or 50% of the upper-division hours in the major field completed at OSU.
- Limit of: one-half of major course requirements as transfer work; one-fourth of hours earned by correspondence; 8 transfer correspondence hours.
- Students will be held responsible for degree requirements in effect at the time of matriculation and any changes that are made, so long as these changes do not result in semester credit hours being added or do not delay graduation.
- Degrees that follow this plan must be completed by the end of Summer 2028.

## Example Plan of Study

### Finish in Four Plan of Study



The plan below is an **example** of how students can successfully complete degree requirements in four years. This suggested class schedule plan may be used as a guide and can be adjusted based on individual needs. Students are required to meet with an academic advisor prior to enrollment each semester to plan their class schedule, and students are ultimately responsible for completing all degree requirements.

Spring		
CIED 4720	Internship in the Secondary Classroom	6
SMED 4723	Senior Seminar in Secondary Mathematics and Science Education	3
<b>Hours</b>		<b>9</b>
<b>Total Hours</b>		<b>120</b>

Course	Title	Hours
<b>Freshman</b>		
<b>Fall</b>		
A&S 1111	A&S First Year Seminar	1
MATH 2144	Calculus I (A)	4
GEOL 1114	Physical Geology (LN)	4
BIOL 1114	Introductory Biology (LN)	4
SMED 1012	Inquiry Approaches to Teaching	2
<b>Hours</b>		<b>15</b>
<b>Spring</b>		
CHEM 1314	Chemistry I (LN)	4
GEOL 1224	Evolution of the Earth (LN)	4
3 hours STAT designated (A)		3
General Education courses		4
<b>Hours</b>		<b>15</b>
<b>Sophomore</b>		
<b>Fall</b>		
CHEM 1515	Chemistry II (LN)	5
GEOL 2464	Rocks and Minerals	4
GEOG 3023 or GEOG 3033	Climatology (N) or Meteorology (N)	3
General Education and College courses		3
<b>Hours</b>		<b>15</b>
<b>Spring</b>		
GEOL 3503	Environmental Geology (N)	3
GEOL 4300	Geology Colloquium	1
PHYS 1114 or PHYS 2014	College Physics I (LN) or University Physics I (LN)	4
Major, College, and Elective courses		7
<b>Hours</b>		<b>15</b>
<b>Junior</b>		
<b>Fall</b>		
GEOL 3014	Structural Geology	4
PHYS 1214 or PHYS 2114	College Physics II (LN) or University Physics II (LN)	4
SMED 4013	Classroom Interactions	3
SPED 3202	Educating Exceptional Learners (D)	2
Major, College, and Elective courses		2
<b>Hours</b>		<b>15</b>
<b>Spring</b>		
GEOL 3034	Principles of Stratigraphy and Sedimentology	4
SMED 4611	Authentic Research in the Science Classroom	1
SMED 4613	Teaching the Nature of Science Through an Inquiry Approach	3
Major, College, and Elective courses		7
<b>Hours</b>		<b>15</b>
<b>Summer</b>		
GEOL 3546	Field Geology	6
<b>Hours</b>		<b>6</b>
<b>Senior</b>		
<b>Fall</b>		
SMED 4023	Problem-Based Learning in Mathematics and Science	3
SMED 4713	Teaching and Learning Science in the Secondary School	3
Major, College, and Elective courses		9
<b>Hours</b>		<b>15</b>

## Geology (GEOL), Minor

**Requirements for Students Matriculating in or before Academic Year 2022-2023.** Learn more about University Academic Regulation 3.1 (p. 943).

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**Total Hours:** 24

Code	Title	Hours
<b>Minor Requirements</b>		
GEOL 1114	Physical Geology (LN)	4
GEOL 1224	Evolution of the Earth (LN)	4
GEOL 2464	Rocks and Minerals	4
Select at least 12 hours of upper-division GEOL		12
<b>Total Hours</b>		<b>24</b>

### Other Requirements

- No grade below "C."

### Additional OSU Requirements

#### Undergraduate Minors

- An undergraduate minor must include between fifteen and thirty hours, inclusive of undergraduate coursework.
- A minimum of six credit hours for the minor must be earned in residence at OSU.
- The courses required for a minor may be included in the course requirements for any undergraduate degree or they may be in addition to degree requirements, depending on the overlap between the minor and degree requirements. However, an undergraduate minor must be earned in an academic field other than the student's declared degree option. The minor may not duplicate the degree major or option (for example, a student who earns a BA in Art with an Art History option may earn a minor in Studio Art but not Art History).
- A student generally follows the minor requirements associated with his or her matriculation year or newer requirements that have been established since matriculation. The time limit for following requirements from a given academic year is six years.

For additional information on requirements on minors, click here (<https://adminfinance.okstate.edu/site-files/documents/policies/requirements-for-undergraduate-and-graduate-minors.pdf>).

# Geophysics, BS

## Degree Requirements

**Requirements for Students Matriculating in or before Academic Year 2022-2023.** Learn more about University Academic Regulation 3.1 (p. 943).

**Minimum Overall Grade Point Average:** 2.00

**Total Hours:** 120

Code	Title	Hours
<b>General Education Requirements</b>		
<i>English Composition</i>		
See Academic Regulation 3.5 (p. 944)		
ENGL 1113	Composition I	3
or ENGL 1313	Critical Analysis and Writing I	
Select one of the following:		3
ENGL 1213	Composition II	
ENGL 1413	Critical Analysis and Writing II	
ENGL 3323	Technical Writing	
<i>American History &amp; Government</i>		
HIST 1103	Survey of American History	3
or HIST 1483	American History to 1865 (H)	
or HIST 1493	American History Since 1865 (DH)	
POLS 1113	American Government	3
<i>Analytical &amp; Quantitative Thought (A)</i>		
MATH 2144	Calculus I (A) <sup>1</sup>	4
<i>Humanities (H)</i>		
Courses designated (H)		6
<i>Natural Sciences (N)</i>		
Must include one Laboratory Science (L) course		
CHEM 1314	Chemistry I (LN) <sup>1</sup>	4
PHYS 2014	University Physics I (LN) <sup>1</sup>	4
<i>Social &amp; Behavioral Sciences (S)</i>		
Course designated (S)		3
<i>Additional General Education</i>		
Courses designated (A), (H), (N), or (S)		7
<b>Hours Subtotal</b>		<b>40</b>
<b>Diversity (D) &amp; International Dimension (I)</b>		
May be completed in any part of the degree plan		
Select at least one Diversity (D) course		
Select at least one International Dimension (I) course		
<b>College/Departmental Requirements</b>		
<i>First Year Seminar</i>		
(Transfer students with 15 hours exempt)		1
<i>Arts &amp; Humanities</i>		
See note 2.a.		3
<i>Natural &amp; Mathematical Sciences</i>		
MATH 2153	Calculus II (A)	3
MATH 2163	Calculus III	3
MATH 2233	Differential Equations	3
<i>Foreign Language</i>		
0-6 hours. See note 3.		

### Upper-Division General Education

Select 6 hours outside major department. See note 2.c.

**Hours Subtotal** 13

### Major Requirements

Minimum grade of "C" in all Geology courses.

GEOL 1114	Physical Geology (LN)	4
GEOL 1224	Evolution of the Earth (LN)	4
GEOL 2103	Fundamentals of Geophysics	3
GEOL 2464	Rocks and Minerals	4
GEOL 3014	Structural Geology	4
GEOL 3034	Principles of Stratigraphy and Sedimentology	4
GEOL 4113	Seismic Interpretation	3
GEOL 4543	Introduction to Exploration Seismology	3
PHYS 2114	University Physics II (LN)	4
PHYS 3513	Mathematical Physics	3

Select 18 hours from the following: 18

GEOL 4023	Petroleum Geology	
GEOL 4213	Plate Tectonics	
GEOL 4313	Introduction to Well Log Analysis	
GEOL 4433	Applied Geostatistics	
GEOL 4443	Environmental Geophysics	
GEOL 4453	Hydrogeology	
GEOL 4463	Physical Hydrogeology	
GEOL 4643	Seismic Data Processing	
GEOL 4990	Special Problems in Earth Science (1-9 hours)	
GEOL 4993	Senior Honors Thesis	
GEOG 4333	Remote Sensing	

**Hours Subtotal** 54

### Electives

Select 13 hours 13

May need to include 6 hours of a foreign language. See note 3

May need to include 6 hours upper-division general outside major department (see note 2.c.) and 8 additional upper-division hours

MATH 1513 and MATH 1813 required for students who do not place directly into MATH 2144

Recommended courses:

CS 1103	Computer Programming (A)	
or CS 1113	Computer Science I (A)	
MATH 3013	Linear Algebra (A)	
PHYS 4113	Electricity and Magnetism	

**Hours Subtotal** 13

**Total Hours** 120

1

College and Departmental Requirements that may be used to meet General Education Requirements.

## Other Requirements

- See the College of Arts and Sciences Requirements.
- **Upper-Division Credit:** Total hours must include at least 40 hours in courses numbered 3000 or above.

- **Hours in One Department:** For B.A. and B.S. degrees, no more than 54 hours in one department may be applied to degree requirements.

## College of Arts and Sciences Requirements

### 1. General Education Requirements

No more than two courses (or eight hours) from the major department (<http://catalog.okstate.edu/college-arts-sciences-major-departments/>) may be used to meet General Education and College and Departmental Requirements. The General Education required English Composition, required U.S. History, required American Government, one required MATH or STAT course, and required foreign language for B.A. degrees do not count against the two-course maximum.

### 2. A&S College/Departmental Requirements

- Arts and Humanities are defined as any course carrying an (H) designation or courses from AMST, ART, DANC, ENGL (except ENGL 3323 Technical Writing) HIST, MUSI, PHIL (except PHIL 1313 Logic and Critical Thinking (A), PHIL 3003 Symbolic Logic (A) and PHIL 4003 Mathematical Logic and Computability), REL, TH, and foreign languages.
- Natural and Mathematical Sciences are defined as any course from the following prefixes: ASTR, BIOC, BIOL, CHEM, CS (except CS 4883 Social Issues in Computing), GEOL, MATH, MICR, PBIO, PHYS, and STAT; or courses from other departments that carry an (A) or (N) general education designation.
- The required six hours of upper-division General Education may not include courses from the student's major department. This requirement may be satisfied by courses also used to satisfy any part of a student's degree program (i.e., in General Education, College Departmental Requirements, Major Requirements or Electives).
- Non-Western Studies Requirement for B.A. and B.F.A.; One 3-hour course in Non-Western Studies (N.W.). This requirement may be satisfied by courses also used to satisfy any part of a student's degree program (i.e., in General Education, College Departmental Requirements, Major Requirements or Electives).
- The College of Arts & Sciences requires a minimum 2.0 GPA in all major requirements and a minimum 2.0 GPA in all major-prefix courses applied to the degree.

### 3. Foreign Language Proficiency

- The foreign language requirement for the B.A. may be satisfied by 9 hours college credit in the same language, which must include 3 hours at the 2000-level, or equivalent proficiency (e.g., passing an advanced standing examination; TOEFL exam; presenting a high school transcript which demonstrates the high school was primarily conducted in a language other than English; etc.). Computer Science courses may not be used to satisfy this requirement. Currently Arabic and Mvskoke are not offered at the 2000-level at OSU.
- The foreign language requirement for the B.S., B.M. and B.F.A. may be satisfied by presenting a high school transcript which demonstrates two years of study of a single foreign language (passing grades at second-year level of study). It may also be satisfied by 6 hours college credit in the same language, which must include language courses 1713 and 1813, or equivalent proficiency (e.g., passing an advanced standing examination; TOEFL exam; presenting a high school transcript which demonstrates the high school was primarily conducted in

a language other than English; etc.). Computer Science courses may not be used to satisfy this requirement.

- In addition to a. and b., students pursuing teacher certification must meet novice-high foreign language proficiency by presenting a high school transcript which demonstrates two years of study of a single foreign language with no grade below B. Or, students may complete 3 hours college credit in a single language with no grade below C (or pass an advanced standing examination, College Level Examination Program (CLEP) exam, or Oral Proficiency Interview developed by the American Council on the Teaching of Foreign Languages, equivalent to 3 hours of college credit.) Or, students may meet the requirement by transfer of documentation of meeting the foreign language competency from one of the teacher education programs in the State of Oklahoma approved by the Oklahoma State Regents for Higher Education.

### 4. Exclusions

- Courses used to satisfy the General Education English Composition, U.S. History, American Government, and Mathematics or Statistics requirements will not count toward the 54-hour maximum allowed from one department.
- Courses with ATHL or LEIS prefixes and leisure activity courses may not be used for degree credit.

## Additional State/OSU Requirements

- At least: 60 hours at a four-year institution; 30 hours completed at OSU; 15 of the final 30 or 50% of the upper-division hours in the major field completed at OSU.
- Limit of: one-half of major course requirements as transfer work; one-fourth of hours earned by correspondence; 8 transfer correspondence hours.
- Students will be held responsible for degree requirements in effect at the time of matriculation and any changes that are made, so long as these changes do not result in semester credit hours being added or do not delay graduation.
- Degrees that follow this plan must be completed by the end of Summer 2028.

## Example Plan of Study

### Finish in Four Plan of Study

The plan below is an **example** of how students can successfully complete degree requirements in four years. This suggested class schedule plan may be used as a guide and can be adjusted based on individual needs. Students are required to meet with an academic advisor prior to enrollment each semester to plan their class schedule, and students are ultimately responsible for completing all degree requirements.

Course	Title	Hours
<b>Freshman</b>		
<b>Fall</b>		
MATH 2144	Calculus I (A)	4
GEOL 1114	Physical Geology (LN)	4
General Education courses		7
		<b>Hours</b>
		<b>15</b>
<b>Spring</b>		
GEOL 1224	Evolution of the Earth (LN)	4
MATH 2153	Calculus II (A)	3
CHEM 1314	Chemistry I (LN)	4

General Education courses		4
<b>Hours</b>		<b>15</b>
<b>Sophomore</b>		
<b>Fall</b>		
GEOL 2464	Rocks and Minerals	4
PHYS 2014	University Physics I (LN)	4
MATH 2163	Calculus III	3
General Education courses		4
<b>Hours</b>		<b>15</b>
<b>Spring</b>		
GEOL 3034	Principles of Stratigraphy and Sedimentology	4
PHYS 2114	University Physics II (LN)	4
MATH 2233	Differential Equations	3
Major, College, and Elective Courses		4
<b>Hours</b>		<b>15</b>
<b>Junior</b>		
<b>Fall</b>		
GEOL 3014	Structural Geology	4
GEOL 4103	Introduction to Geophysical Exploration	3
Major, College, and Elective courses		8
<b>Hours</b>		<b>15</b>
<b>Spring</b>		
GEOL 4113 or GEOL 4543	Seismic Interpretation or Introduction to Exploration Seismology	3
PHYS 3513	Mathematical Physics	3
Major, College, and Elective courses		9
<b>Hours</b>		<b>15</b>
<b>Senior</b>		
<b>Fall</b>		
Major, College, and Elective courses		15
<b>Hours</b>		<b>15</b>
<b>Spring</b>		
GEOL 4543 or GEOL 4113	Introduction to Exploration Seismology or Seismic Interpretation	3
Major, College, and Elective courses		12
<b>Hours</b>		<b>15</b>
<b>Total Hours</b>		<b>120</b>

## Geophysics (GPHY), Minor

**Requirements for Students Matriculating in or before Academic Year 2022-2023.** Learn more about University Academic Regulation 3.1 (p. 943).

**Minimum Grade Point Average in Minor Coursework:** All coursework for the minor to be completed with a grade of "C" or better.

**Total Hours:** 24

Code	Title	Hours
MATH 2144	Calculus I (A)	4
MATH 2153	Calculus II (A)	3
PHYS 2014	University Physics I (LN)	4
PHYS 2114	University Physics II (LN)	4
GEOL 3413	Petroleum Geology for Engineers <sup>1</sup>	3
or GEOL 1114	Physical Geology (LN)	
GEOL 4103	Introduction to Geophysical Exploration	3
GEOL 4113	Seismic Interpretation	3
or GEOL 4543	Introduction to Exploration Seismology	
<b>Total Hours</b>		<b>24</b>

1

If GEOL 1114 is selected, the total hours required for the minor will be increased by one.

Contact: Sheri Orr, 404 NRC, 405-744-3729.

## Additional OSU Requirements

### Undergraduate Minors

- An undergraduate minor must include between fifteen and thirty hours, inclusive of undergraduate coursework.
- A minimum of six credit hours for the minor must be earned in residence at OSU.
- The courses required for a minor may be included in the course requirements for any undergraduate degree or they may be in addition to degree requirements, depending on the overlap between the minor and degree requirements. However, an undergraduate minor must be earned in an academic field other than the student's declared degree option. The minor may not duplicate the degree major or option (for example, a student who earns a BA in Art with an Art History option may earn a minor in Studio Art but not Art History).
- A student generally follows the minor requirements associated with his or her matriculation year or newer requirements that have been established since matriculation. The time limit for following requirements from a given academic year is six years.

For additional information on requirements on minors, click here (<https://adminfinance.okstate.edu/site-files/documents/policies/requirements-for-undergraduate-and-graduate-minors.pdf>).



## History

Courses in the Department of History are intended to give the student a broad understanding of the evolution of civilizations, peoples, countries, and institutions, and insight into the meaning of this evolution. They are also designed to prepare graduates for many types of employment.

Because history is basic to many fields, the Department's instruction is designed to aid students interested in the humanities, education, law, journalism, scientific and technical disciplines, public service, and business administration. Students in colleges other than the College of Arts and Sciences who wish to pursue the study of history are encouraged to enroll in courses of interest. The Department of History offers a number of courses that satisfy General Education requirements in the humanities, social sciences, diversity and international courses. It participates actively in the Honors Program and offers to its majors the option of pursuing an Honors certificate. The Department of History also participates actively in interdisciplinary programs.

A Bachelor of Arts (BA) in History requires 48 hours in the major and related disciplines, with 36 hours of History courses across U.S., European, and World History, plus 12 hours of upper-division courses in related departments. A History minor requires 18 hours of History, at least twelve of which must be upper-division. GPA of 2.5 in History courses with no HIST grade below "C."

## Courses

### HIST 1010 Studies in American History

**Description:** Special study in American history to allow transfer students to fulfill general education requirements as established by Regents' policy. Offered for variable credit, 1-2 credit hours, maximum of 2 credit hours.

**Credit hours:** 1-2

**Contact hours:** Contact: 1-2 Other: 1-2

**Levels:** Undergraduate

**Schedule types:** Independent Study

**Department/School:** History

### HIST 1103 Survey of American History

**Description:** Meaning, vitality, and uniqueness of United States history since 1492 through a thematic examination of the nation's past. Satisfies, with POLS 1113, the State Regents requirement of six credit hours of American history and American government before graduation. No degree credit for students with credit in HIST 1483 or HIST 1493.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** History

### HIST 1483 American History to 1865 (H)

**Description:** From European background through the Civil War. Intended for Education majors seeking certification as Social Studies teachers. No degree credit for students with credit in HIST 1103. Previously offered as HIST 2483.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** History

**General Education and other Course Attributes:** Humanities

### HIST 1493 American History Since 1865 (DH)

**Description:** May be taken independently of HIST 1483. Development of the United States including the growth of industry and its impact on society and foreign affairs. Intended for Education majors seeking certification as Social Science teachers. No degree credit for students with credit in HIST 1103. Previously offered as HIST 2493.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** History

**General Education and other Course Attributes:** Diversity, Humanities

### HIST 1613 Western Civilization to 1500 (H)

**Description:** History of western civilization from ancient world to Reformation.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** History

**General Education and other Course Attributes:** Humanities

### HIST 1623 Western Civilization after 1500 (H)

**Description:** History of western civilization from Reformation to present.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** History

**General Education and other Course Attributes:** Humanities

### HIST 1713 Survey of Eastern Civilization (H)

**Description:** History of three eastern civilizations (East Asia, South Asia and West Asia) from pre-history to the 18th century. Special attention to their origins, development, and contributions to the evolution of world civilization.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** History

**General Education and other Course Attributes:** Humanities

### HIST 1813 World History from Ancient Times to 1500 (H)

**Description:** This course examines the development of social, cultural, economic, and political systems from ancient times to the beginning of the sixteenth century. We will examine the growth of empires, trade routes, religions, and culture in Asia, Africa, the Americas, and Europe. This course will examine the ways in which these societies connected and made contact with each other through trade, warfare, and migration and the resulting exchange of ideas. Previously offered as HIST 2213.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** History

**General Education and other Course Attributes:** Humanities

**HIST 1823 World History 1500 to Present (H)**

**Description:** This course surveys world history from 1500 to the present day. The course will track the formation of the “modern” world through a study of changes in political situations, culture, and society. The course will examine topics such as changes in science and technology, culture and religion, the expansion and decline of empires, the growth of nationalism, and the continuing rise of globalization. The class will emphasize the role of changing definitions and roles of race, social class, and gender in shaping historical events. Previously offered as HIST 2223.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** History

**General Education and other Course Attributes:** Humanities

**HIST 2023 History of the Present (H)**

**Description:** Introduction to the study of history through the lens of current events and contemporary issues. Particular areas of focus will vary, based on instructor’s expertise, to include topics like race, gender religion, food, sports, environment, politics, immigration, mass incarceration, and/or globalization, among others. Contact the History Department for specific information for the upcoming semester.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** History

**General Education and other Course Attributes:** Humanities

**HIST 2333 American Thought and Culture: Survey (H)**

**Description:** Survey of American religious, philosophical, artistic, and scientific ideas and their impact on culture and values.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** History

**General Education and other Course Attributes:** Humanities

**HIST 2343 Religion in America (DH)**

**Description:** Survey of the religions practiced in North America and the United States from the colonial era to the twenty-first century, including Native American religions, Christianity, Islam, and Judaism; impact of religion on social reform, politics, and intellectual life.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** History

**General Education and other Course Attributes:** Diversity, Humanities

**HIST 2513 Plantation to Plate: Sugar, Bananas, and Coffee in America (H)**

**Description:** Considers the historical impact that three food commodities – bananas, sugar, and coffee – have had on producing and consuming societies in Latin America and the United States. Analyzes the way food influenced the formation of racial and gender identities and examines different moments when these commodities influenced foreign policy and politics. Same course as AMST 2513.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** History

**General Education and other Course Attributes:** Humanities

**HIST 2890 Honors Experience in History**

**Prerequisites:** Honors Program participation and concurrent enrollment in a designated HIST course.

**Description:** A supplemental Honors experience in History to partner concurrently with designated History courses. This course adds a different intellectual dimension to the designated course(s). Offered for fixed credit, 1 credit hour.

**Credit hours:** 1

**Contact hours:** Lecture: 1 Contact: 1

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** History

**General Education and other Course Attributes:** Honors Credit

**HIST 3013 Ancient Egypt and Israel (H)**

**Description:** The history of Egypt from prehistory through the New Kingdom, and ancient Israel from prehistory through the Persians.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** History

**General Education and other Course Attributes:** Humanities

**HIST 3023 Ancient Greece (H)**

**Description:** The Greek world from the Bronze Age through Alexander the Great with special emphasis on politics, culture and institutions of Classical Greece.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** History

**General Education and other Course Attributes:** Humanities

**HIST 3033 Ancient Rome: The Republic (H)**

**Description:** Political, social, cultural and economic history of the Roman Republic from the Etruscans to the death of Julius Caesar.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** History

**General Education and other Course Attributes:** Humanities

**HIST 3043 Ancient Mesopotamia: Iraq, Iran & Syria from 4000-333 B.C. (H)**

**Description:** From the birth of civilization to the end of the Persian Empire, this course examines the history, archaeology and cultures of the fertile crescent.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** History

**General Education and other Course Attributes:** Humanities

**HIST 3053 Introduction to Central Asia Studies (IS)**

**Description:** A comprehensive view of newly-emerged Central Asian states examining the history, politics, economics, geography, and culture of Azerbaijan, Kazakhstan, Kyrgyzstan, Tajikistan, Turkmenistan and Uzbekistan as reflected in their thoughts, religion, literature, and architecture in the past, and the strategic importance of their natural wealth for the present and future. Same course as GEOG 3053, GLST 3053, POLS 3053 & RUSS 3053.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** History

**General Education and other Course Attributes:** International Dimension, Social & Behavioral Sciences

**HIST 3063 The Roman Empire (H)**

**Description:** This empire provides a historical survey of the Roman Empire from the middle of the 1st century BCE through the middle of the 5th century CE. This course covers a range of interrelated themes and issues that shaped the everyday lives of Romans, including the importance of social hierarchies within and across civil affairs and family life; the various political structures and forms of governance within the empire; the dimensions of military life, conquests and expansion; economic realities; work and leisure; and various cultural aspects including the roles of religion and philosophy.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** History

**General Education and other Course Attributes:** Humanities

**HIST 3073 History of Science (H)**

**Description:** This course offers an introduction to the history of science from the ancient world to the present. It will not focus exclusively on discoveries and their discoverers. Instead, it will stress questions such as: What is science, how has it been practiced, and by whom? Does culture play a role in scientific development? What is the relationship of gender, race, class, sexual identity, and science?

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** History

**General Education and other Course Attributes:** Humanities

**HIST 3083 Modern Italy: Cultural Patrimony and National Identity (HI)**

**Description:** This course will examine Italy's cultural patrimony and its role shaping the country's national identity and international reputation. Students will study the influence of Italy's artistic and architectural heritage on modern Italian society, global tourism, and international conservation policies. Among the topics explored will be Pompei and the western imagination, the Monuments Men during World War II, mass tourism in the city of Venice, and the competing interests of international, national, and local communities.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** History

**General Education and other Course Attributes:** Humanities, International Dimension

**HIST 3093 Historical Geography of North America to 1800 (H)**

**Description:** This course is an examination of the cultural geography of colonial North America from the earliest European contact with Native Americans to the end of the 18th Century. The course examines regional patterns of indigenous American Indian settlement, European exploration, trade, coloniatization, immigration, impacts upon indigenous societies, and the development of pre industrial economic regions. Students will gain an appreciation of the interactions of various indigenous, European, and African peoples in different environments in the colonial era. Same course as GEOG 3093.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** History

**General Education and other Course Attributes:** Humanities

**HIST 3113 Germany Since 1815 (HI)**

**Description:** Creation of a centralized state in Germany; impact of World War I and the subsequent failure of the Weimar Republic; rise of national socialism, totalitarianism, and the Third Reich; German experience in WWII, repression of minorities, and the Holocaust; post-war Germany and modern reunification.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** History

**General Education and other Course Attributes:** Humanities, International Dimension

**HIST 3123 The History of Modern Africa (HI)**

**Description:** The course will cover the history of Modern Africa from 1750 to the present. The class will begin with a general background and history of ancient and early modern Africa, and move forward with examinations of colonial and contemporary African culture, society, and politics. The course will have a particular focus on African perspectives on the West, and the effects of the slave trade, imperialism, and globalization on modern day Africa. Students will analyze many different types of sources including films, artwork, graphic novels, novels, and poetry.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** History

**General Education and other Course Attributes:** Humanities, International Dimension

**HIST 3133 African Diaspora History (DH)**

**Description:** Introduction to the origin, development, and maturation of the African Diaspora in the Americas and the Caribbean, from the transatlantic slave trade to the mid-20th century. Emphasis is placed on a critical reading and discussion of a selection of essays, historiographies and primary materials on diasporic and transnational experiences and identities of Africans, African descendants, and Caribbean transmigrants.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** History

**General Education and other Course Attributes:** Diversity, Humanities

**HIST 3153 Russia to 1861 (H)**

**Description:** Political, institutional, societal and economic development of Russia from the Kievan period to the Great Reforms.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** History

**General Education and other Course Attributes:** Humanities

**HIST 3163 Russia Since 1861 (HI)**

**Description:** Modernizations of Russia in the 19th and 20th centuries. Great reforms and their effects and the 1917 revolutions and their consequences.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** History

**General Education and other Course Attributes:** Humanities, International Dimension

**HIST 3203 The Medieval World, 500-1500 (H)**

**Description:** The society and culture of Europe, Byzantium and the Middle East, 500-1500. Emphasis on social, cultural, religious and political developments.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** History

**General Education and other Course Attributes:** Humanities

**HIST 3233 Late Medieval World, 1000-1450 (H)**

**Description:** The Late Middle Ages in Europe and its ties to the Middle East. Examines the period of the Black Death, Hundred Years War, early Renaissance, and the flourishing of new forms of government, religious life and social upheaval. Emphasis on social, cultural, religious and political developments.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** History

**General Education and other Course Attributes:** Humanities

**HIST 3243 Renaissance, 1350-1517 (H)**

**Description:** The development of the Renaissance from the Italian city-states to the New World. Political development, cultural innovation, and the role of disease in history.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** History

**General Education and other Course Attributes:** Humanities

**HIST 3253 Absolutism and Enlightenment, 1648-1789**

**Description:** Political, economic, social, intellectual and religious transformation of Europe between the Peace of Westphalia and the French Revolution.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** History

**HIST 3263 Modern Europe, 1815-1914 (H)**

**Description:** Impact of modernization on the character of European societies and their imperial domains. Factors that transformed the Continent into a battle ground in the 20th century.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** History

**General Education and other Course Attributes:** Humanities

**HIST 3273 Modern Europe Since 1914 (HI)**

**Description:** Origins, character and impact of the first World War; emergence and consequences of the totalitarian state; nature of political and intellectual terrorism. Effects of worldwide economic depression; dilemmas of modern democracies; political collapse of Europe as a consequence of World War II.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** History

**General Education and other Course Attributes:** Humanities, International Dimension

**HIST 3303 Nations on the Move: Latin American Migration and Latinx Communities in the US (DH)**

**Description:** Examines Latin American migration to the United States through a case study approach. Considers US foreign policy, questions of labor and economic motivations, political violence and persecution, changes in immigration law, environmental issues, histories of the process of migration, and the formation of new identities and transnational communities and activism in the United States. Same course as AMST 3303.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** History

**General Education and other Course Attributes:** Diversity, Humanities

**HIST 3323 Modern France, 1789-Present (HI)**

**Description:** French politics, economy, society, and culture from the Revolution and rise of Napoleon to France's post-World War II "rebirth" and reckoning with its colonial past.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** History

**General Education and other Course Attributes:** Humanities, International Dimension

**HIST 3333 History of the Second World War (HI)**

**Description:** Problems leading to World War II with their international implications and consideration of the war years.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** History

**General Education and other Course Attributes:** Humanities, International Dimension

**HIST 3343 World War I in Modern European Culture (HI)**

**Description:** Analysis of the war as the principal event determining the course of twentieth century European history: battles, home fronts, personal, literary and artistic expression.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** History

**General Education and other Course Attributes:** Humanities, International Dimension

**HIST 3353 Mediterranean World**

**Description:** Examination of the cultural and social encounters between East and West, Christian and Muslim. The meeting point for three world cultures and three continents explored in the following themes: pilgrimage, commerce, slavery, intellectual exchange, warfare, and minority communities.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** History

**HIST 3363 Popular Religion in the West, 1300-1700 (H)**

**Description:** The study of the religious experience of both lay people and clergy between 1300 and 1700, when their religious worldview underwent fundamental challenges and changes. The effort to understand the relationship between the secular world and the supernatural will be explored through devotional ideas, practices and religious rituals.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** History

**General Education and other Course Attributes:** Humanities

**HIST 3373 Invasion and Identity: The Medieval English World: 700-1400 (H)**

**Description:** Medieval English history through Britain's experience of invasion and settlement: includes the Vikings, Normans and England's conquest of Britain and parts of France. Emphasis on social, cultural, political and religious history.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** History

**General Education and other Course Attributes:** Humanities

**HIST 3383 Tudor-Stuart England (H)**

**Description:** History of England from the War of the Roses through the coming of the House of Hanover in 1714. Development of the centralized state, parliamentary reaction, reorientation of the English society and economy and the English Reformation.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** History

**General Education and other Course Attributes:** Humanities

**HIST 3393 Modern England: 1714-Present (H)**

**Description:** English history from the arrival of the house of Hanover through the decline of British influence following the Second World War. Political, social, and economic problems encountered as a result of the creation of the first modern industrialized state.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** History

**General Education and other Course Attributes:** Humanities

**HIST 3403 East Asia to 1800 (H)**

**Description:** Traditional Chinese civilization and its impact on Japan, Korea and Southeast Asia.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** History

**General Education and other Course Attributes:** Humanities



**HIST 3413 East Asia Since 1800 (HI)**

**Description:** Impact of the Occident on China, Japan and Southeast Asia. Problems of trade and diplomacy; political and industrial transformation of Japan; revolutionary process in China; the rise of nationalism in Southeast Asia.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** History

**General Education and other Course Attributes:** Humanities, International Dimension

**HIST 3423 Modern Japan (HI)**

**Description:** Modernization process in Japan since 1868.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** History

**General Education and other Course Attributes:** Humanities, International Dimension

**HIST 3433 Modern China (HI)**

**Description:** Response of China to the West since 1840, with stress on economic, social and intellectual currents.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** History

**General Education and other Course Attributes:** Humanities, International Dimension

**HIST 3443 Gender Relations in Chinese History (H)**

**Description:** Men's and women's social, cultural, religious, political, economic, family, and sexual experiences in Chinese history; particularly women's own voices and efforts in pursuing their own goals and aspirations. Same course as GWST 3443.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** History

**General Education and other Course Attributes:** Humanities

**HIST 3453 Colonial Latin America (H)**

**Description:** Considers the encounter between Indigenous peoples and Europeans in Latin America, analyzing the formation of race, class, religious, and gender identities. Focuses on Indigenous and European experiences with imperialism, 18th Century reforms, and independence movements.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** History

**General Education and other Course Attributes:** Humanities

**HIST 3463 Modern Latin America (HI)**

**Description:** Considers nation-state formation in Latin America, emphasizing 19th century dictators and liberal reform movements. Explores U.S. foreign policy, indigenous mobilizations, 20th century revolutions, and contemporary issues such as natural disasters, the drug trade, and immigration.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** History

**General Education and other Course Attributes:** Humanities, International Dimension

**HIST 3473 British Empire and Commonwealth of Nations (H)**

**Description:** This course will examine the growth of the British Empire from the eighteenth century to decolonization in the twentieth century. The course will focus on Britain's colonies in Africa, Asia, and the Americas, and compare British imperialism to other global imperial powers. Topics will include historical studies of colonial literature, exploration, popular culture, medicine, education, military history, imperial anthropology, and gender.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** History

**General Education and other Course Attributes:** Humanities

**HIST 3483 Reformation Europe, 1517-1648 (H)**

**Description:** Development and impact of religious reform movements, overseas expansion, statebuilding, the Scientific Revolution, and the Thirty Years' War on European civilization.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** History

**General Education and other Course Attributes:** Humanities

**HIST 3493 Scandinavia Since 1500 (HI)**

**Description:** Exploration of Scandinavia from 1500 to the present. Focus on key historical and contemporary questions such as the spread of Lutheran reform, Sweden and Denmark as major European powers, the growth of nationalism and Scandinavian identity, industrialization, the welfare state, and multiculturalism.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** History

**General Education and other Course Attributes:** Humanities, International Dimension



**HIST 3503 Medieval Islamic History (H)**

**Description:** Rise of Islam in Arabia and subsequent spread to Africa, Asia and Europe. Discussion of political, social, cultural and economic institutions established in the Middle Ages as well as diversity of Islamic and continuing non-Islamic traditions.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** History

**General Education and other Course Attributes:** Humanities

**HIST 3513 Modern Middle East (HI)**

**Description:** Main political events, social institutions, cultural and economic developments, as well as various aspects of everyday life in the Middle East. Transformation of traditional society, imperialism and independence, Arab nationalism, Arab-Israeli conflict, the impact of oil, westernization, the rise of militant Islam, and the prospects of democratization.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** History

**General Education and other Course Attributes:** Humanities, International Dimension

**HIST 3523 History of Modern India and South Asia (HI)**

**Description:** The course will examine the histories of India, Pakistan, Bangladesh, and Sri Lanka from the late 1700s to the present. It will focus on the historical changes in South Asian politics, culture, economics and society beginning with the growth of European imperial influence in the region and end with an examination of the issues facing these nations in the present day.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** History

**General Education and other Course Attributes:** Humanities, International Dimension

**HIST 3543 Israel & Palestine in Modern Times (HI)**

**Description:** History of 19th and 20th century Palestine, Zionism and the founding of modern Israel. The Palestine-Israeli conflict in local and regional perspectives.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** History

**General Education and other Course Attributes:** Humanities, International Dimension

**HIST 3573 The Mongol Empire (H)**

**Description:** Genghis Khan is infamous for destruction of his conquests, yet his empire grew to be the largest land empire in history, and sparked diplomatic and cultural contacts on a far wider scale than ever before.

This course traces the Mongol Empire from Genghis himself to the legacy of the divided Mongol khanates. Attention will be paid to the Mongol Empire's institutional structure, political and cultural dynamics, contacts with Europe, and historians' methods for using primary sources.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** History

**General Education and other Course Attributes:** Humanities

**HIST 3583 Minorities and Diversity in the Middle East (H)**

**Description:** The Middle East has long been a melting pot, or mosaic, of different groups. Large parts of the region have even been ruled by minorities. This course will explore the history of social diversity in the Middle East, including ways that ethnic and religious minority groups interacted with rulers, the majority, and each other, whether peacefully or not. The effects of long-term social diversity will bring discussion to the contribution of minority groups to the Middle East as we know it today.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** History

**General Education and other Course Attributes:** Humanities

**HIST 3593 Introduction to Museum and Cultural Studies (H)**

**Description:** Historical and theoretical introduction to museum ethics, the function of the curator, and the hanging role of the museum. Same course as ART 3583.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** History

**General Education and other Course Attributes:** Humanities

**HIST 3613 American Colonial Period to 1750 (H)**

**Description:** European colonization of North America; political, social, cultural, intellectual, religious, and economic developments; Native American engagement with and resistance to colonialism; relations between English, French, and Spanish colonies; and the emergence of slavery in America.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** History

**General Education and other Course Attributes:** Humanities

**HIST 3623 Era of the American Revolution (H)**

**Description:** Transition from British colonies to independent United States; important military, political, cultural, economic, social, and religious aspects of the American Revolution; how changes affected all people in America, including African Americans, Native Americans, and women.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** History

**General Education and other Course Attributes:** Humanities

**HIST 3633 Early National Period, 1787-1828 (H)**

**Description:** Drafting and adopting the Constitution, organizing the government, Jeffersonian Republicanism, the War of 1812, territorial expansion, the new West, nationalism and sectionalism.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** History

**General Education and other Course Attributes:** Humanities

**HIST 3643 Antebellum America, 1828-1850 (H)**

**Description:** Major social, cultural, economic, and political developments of mid-nineteenth-century America including: Indian removal, early social reform the expansion of slavery, the growth of capitalism, settler colonialism in the West, and the origins of political sectionalism leading to disunion.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** History

**General Education and other Course Attributes:** Humanities

**HIST 3653 Civil War and Reconstruction, 1850-1877**

**Description:** Causes, decisive events, personalities and consequences of the disruption and reunion of the United States.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** History

**HIST 3663 U.S History 1877-1919 (H)**

**Description:** The impact of industrialization upon American society and politics. America's rise to world power, the Progressive movement and World War I.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** History

**General Education and other Course Attributes:** Humanities

**HIST 3673 United States History, 1919-45 (DH)**

**Description:** The political, economic, social and cultural changes in the United States from 1919 to 1945, the 1920s, the Depression, the New Deal, WWII, and domestic impact of the war.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** History

**General Education and other Course Attributes:** Diversity, Humanities

**HIST 3683 United States History Since 1945 (DH)**

**Description:** The political, social, and cultural history of the United States since World War II. Topics include the Cold War at home and abroad, the Civil Rights and other social movements, 1960s culture vs. counterculture, the Vietnam War, Watergate, Reagan's America, the War on Terror, and modern globalization.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** History

**General Education and other Course Attributes:** Diversity, Humanities

**HIST 3693 The Modern West (H)**

**Description:** Social, political, economic changes that define the twentieth-century American West.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** History

**General Education and other Course Attributes:** Humanities

**HIST 3703 Oklahoma History (DH)**

**Description:** Early exploration and establishment of Indian Territory; the rise and demise of the Five Indian Nations; and the organization and development of the 46th state to the present. Required of all candidates for teacher's licensure/certification in social studies. Previously offered as HIST 2323.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** History

**General Education and other Course Attributes:** Diversity, Humanities

**HIST 3713 Women in the American West (DH)**

**Description:** Introduction to the history of women in the American West from pre-contact to present, with emphasis on cultural diversity, women's roles as economic and social partners, and the many ways women were active participants in western development. This course incorporates Oklahoma and public history using written documents, art, film, museum and archival materials, and local historical sources.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** History

**General Education and other Course Attributes:** Diversity, Humanities

**HIST 3753 Trans-Mississippi West (DH)**

**Description:** Emergence of the modern West from Spanish and French settlement and exploration, the Rocky Mountain fur trade, the settlement of Texas, Oregon, California, and Utah, the mining, ranching and farming frontiers, the Indian Wars and transportation.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** History

**General Education and other Course Attributes:** Diversity, Humanities

**HIST 3763 American Southwest (DH)**

**Description:** Southwestern states of Texas, Arizona, New Mexico and California from the Spanish colonial period to the present. Mining, ranching, farming frontiers, Indian wars of the Apache, Comanche and other southwestern tribes, and the emergence of the modern Southwest.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** History

**General Education and other Course Attributes:** Diversity, Humanities

**HIST 3773 Old South (S)**

**Description:** Social, political and industrial conditions in the South before the Civil War.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** History

**HIST 3793 Native American History (DH)**

**Description:** Introduction to the history of Native American peoples from encounters with European colonists to the present, with an emphasis on tribal nationhood and sovereignty, war and diplomacy, treaty rights and federal policies, indigeneity in modern contexts, and a leadership in Indian Country.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** History

**General Education and other Course Attributes:** Diversity, Humanities

**HIST 3803 History of Food (H)**

**Description:** This course offers an interdisciplinary examination of the history and culture of food production and consumption in the US with an emphasis on how US food ways relate to those of other countries. It examines such topics as: food and the formation of social bonds, food and identity, the cultural meaning of food ways, issues of justice and equality in food production and consumption, and how food cultures have developed over time and in relation to other societies. Same course as AMST 3733.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** History

**General Education and other Course Attributes:** Humanities

**HIST 3843 War and Memory in America (H)**

**Description:** Examines the ways in which Americans have remembered and commemorated war from the American Revolution to the Global War on Terror. Topics include the creation and perpetuation of memory from both soldiers and civilians, the portrayal of war in popular culture, and the challenges of commemorating and memorializing America's militant past. Same course as AMST 3843.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** History

**General Education and other Course Attributes:** Humanities

**HIST 3853 History of the North American Borderlands (DH)**

**Description:** This class analyzes the histories of the US-Mexico, US-Canada, and Native American borderlands from the 16th century to the present. Topics include indigenous spaces and sovereignty, the establishment of colonial regimes, the formation of nation-states and changing notions of citizenship, immigration policies and experiences, intercultural and interracial communities and tensions, crime and smuggling, representations of the border in media and popular culture, and the political and economic relationships between the United States, Mexico, and Canada.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** History

**General Education and other Course Attributes:** Diversity, Humanities

**HIST 3863 Disability in America (DH)**

**Description:** Examines the history of disability in American culture. Considers evolving ideas about disability and the status of disabled people in American society. Topics include disability and the law; eugenics; the disability rights movement; representations of disability in popular culture; and intersecting ideas about disability, race, gender, and class. Same course as AMST 3863.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** History

**General Education and other Course Attributes:** Diversity, Humanities

**HIST 3890 Advanced Honors Experience in History**

**Prerequisites:** Honors Program participation and concurrent enrollment in a designated HIST course.

**Description:** A supplemental Honors experience in History to partner concurrently with designated upper-division HIST courses. This course adds a different intellectual dimension to the designated course(s).

**Credit hours:** 1

**Contact hours:** Lecture: 1 Contact: 1

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** History

**General Education and other Course Attributes:** Honors Credit

**HIST 3903 Introduction to the Study of History****Prerequisites:** History major or consent of instructor.**Description:** This course is an introduction to the study of history. It offers an overview of the development of the discipline, historiography, and the philosophy of history. Students learn about the methodology of history, types of historical problems, habits of thought necessary for the discipline, and methods such as research and writing. Previously offered as HIST 2013.**Credit hours:** 3**Contact hours:** Lecture: 3 Contact: 3**Levels:** Undergraduate**Schedule types:** Lecture**Department/School:** History**HIST 3913 History of Medicine (H)****Description:** Historical growth of medicine and its relationship to the society in which it develops. Scientific problems, cultural, religious and medicine.**Credit hours:** 3**Contact hours:** Lecture: 3 Contact: 3**Levels:** Undergraduate**Schedule types:** Lecture**Department/School:** History**General Education and other Course Attributes:** Humanities**HIST 3953 Religion in Modern Europe****Description:** Religious thought and experience as influences on the politics, economy, and general culture of European nations from the 17th century to the present.**Credit hours:** 3**Contact hours:** Lecture: 3 Contact: 3**Levels:** Undergraduate**Schedule types:** Lecture**Department/School:** History**HIST 3963 Ideas and Ideologies in Modern Europe (H)****Prerequisites:** HIST 1623.**Description:** Intellectual and ideological developments in modern Europe, including political, social, and cultural foundations and impact on modern Europe.**Credit hours:** 3**Contact hours:** Lecture: 3 Contact: 3**Levels:** Undergraduate**Schedule types:** Lecture**Department/School:** History**General Education and other Course Attributes:** Humanities**HIST 3980 Studies in History****Description:** Special topics in history. Offered for variable credit, 1-3 credit hours, maximum of 9 credit hours.**Credit hours:** 1-3**Contact hours:** Contact: 1-3 Other: 1-3**Levels:** Undergraduate**Schedule types:** Independent Study**Department/School:** History**HIST 4033 Introduction to Public History (H)****Description:** Introduction to the study and practice of Public History, including historic preservation, cultural resources management, museums, archival work, oral history and memory.**Credit hours:** 3**Contact hours:** Lecture: 3 Contact: 3**Levels:** Undergraduate**Schedule types:** Lecture**Department/School:** History**General Education and other Course Attributes:** Humanities**HIST 4063 Historic Preservation****Description:** Focuses on the United States and examines the history and theory of the preservation movement, the legal basis for preservation of the built environment and the methodology of preservation. No credit for students with credit in HIST 5063.**Credit hours:** 3**Contact hours:** Lecture: 3 Contact: 3**Levels:** Undergraduate**Schedule types:** Lecture**Department/School:** History**HIST 4073 Digital Methods in History****Description:** Introduction to the methods and practice of working with digital sources, creating digital content, basic foundations of software and metadata for digital archives, introduction to web design and database construction.**Credit hours:** 3**Contact hours:** Lecture: 3 Contact: 3**Levels:** Undergraduate**Schedule types:** Lecture**Department/School:** History**HIST 4093 Oral History: Theory and Methodology****Description:** This course is an interdisciplinary introduction to oral history methodology, theory, and professional practice. It examines how oral history projects are constructed and administered and archivally managed. The course will also explore the technologies involved in the collection of interviews, the reliability of memory and the utilization of oral histories in various forms of dissemination. Students will gain practical experience in oral history interviewing and related aspects of oral history, such as transcribing, editing, archiving, and publishing oral histories. May not be used for degree credit with HIST 5093.**Credit hours:** 3**Contact hours:** Lecture: 3 Contact: 3**Levels:** Undergraduate**Schedule types:** Lecture**Department/School:** History**HIST 4103 Historical Geography of the United States (H)****Description:** Examination of the spatial dynamics of frontier encounter and settlement, regional development, and cultural landscape evolution in the United States from pre-European to modern times. Same course as GEOG 4103.**Credit hours:** 3**Contact hours:** Lecture: 3 Contact: 3**Levels:** Undergraduate**Schedule types:** Lecture**Department/School:** History**General Education and other Course Attributes:** Humanities

**HIST 4153 African American History, 1619-1865 (DH)**

**Description:** Overview of the history of African Americans from the onset of slavery and the slave trade to the Civil War. Topics include: African background; interaction between Africans, Indians and Europeans; development of slavery; forms of resistance; rise of the abolitionist movement; and conditions of free blacks.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** History

**General Education and other Course Attributes:** Diversity, Humanities

**HIST 4163 African American History, 1865-Present (DH)**

**Description:** Overview of the history of African Americans from the end of the Civil War to the present. Topics include emancipation and Reconstruction; the Jim Crow Era; migrations to the North and West; the Civil Rights and Black Power Movements; contemporary developments in African American life.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** History

**General Education and other Course Attributes:** Diversity, Humanities

**HIST 4173 Black Intellectual History (DH)**

**Description:** Examines the nature of black social and political thought from the early 18th to the mid-20th century and the contributions made by black intellectuals to discussions of race, citizenship and nationality. Emphasis is placed on topics of abolitionism, labor movements, populism, socialism, pan-Africanism, feminism, and the civil rights movement.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** History

**General Education and other Course Attributes:** Diversity, Humanities

**HIST 4253 U.S. Foreign Relations to 1945 (H)**

**Description:** American experience in foreign relations from colonial times to World War II.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** History

**General Education and other Course Attributes:** Humanities

**HIST 4273 U.S. Foreign Relations Since 1945 (H)**

**Description:** Overview of the history of U.S. foreign relations from World War II to the present.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** History

**General Education and other Course Attributes:** Humanities

**HIST 4333 History of Sexuality in the United States (D)**

**Description:** This class analyzes the history of sexuality in the U.S. from the 16th century to the present. It considers how social, cultural, political, and economic conditions have affected changing meanings of sexuality over time. It takes an intersectional approach, paying particular attention to how issues of race, class, and gender have shaped attitudes towards and experiences of sexuality in the American past. Same course as GWST 4333.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** History

**General Education and other Course Attributes:** Diversity

**HIST 4353 American Military History (H)**

**Description:** Civil-military relations, the military implications of American foreign policy, and the impact of technological advances on warfare since colonial times.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** History

**General Education and other Course Attributes:** Humanities

**HIST 4363 US History through Popular and Unpopular Music (DH)**

**Description:** This course will explore how music – including folk, rock, jazz, vaudeville, country, blues, and hip-hop – makes history and history makes music. In doing so, this course will consider music's discursive power within the arenas of American social, cultural, gender, racial, class, and political struggles.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** History

**General Education and other Course Attributes:** Diversity, Humanities

**HIST 4403 Sorcerers, Saints and Heretics: Religion in the Medieval World (H)**

**Description:** Religious belief and practice in the medieval world, c. 500-1300. Examines the formation of major religions, the experience of religious minorities, the experience of interfaith communities, enduring superstitions and heresies.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** History

**General Education and other Course Attributes:** Humanities

**HIST 4413 Sex and Gender in the Medieval World (H)**

**Description:** Historical attitudes toward sex and gender history in medieval Europe. Interdisciplinary approach also including cultural, social, economic and religious history. Same course as GWST 4413.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** History

**General Education and other Course Attributes:** Humanities



**HIST 4433 From Assassin's Creed to Witcher: Medievalism in the 21st Century World (H)**

**Description:** Assesses video game and film portrayals of the Middle Ages and medievalism. Through historiographical readings and critical analysis of modern media sources, examines the ways in which popular media depictions of the past weave fact with fiction, building on our common cultural narrative of "medieval-ish" worlds.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** History

**General Education and other Course Attributes:** Humanities

**HIST 4453 History and Film (H)**

**Description:** Examines the ways in which historical events are made available to viewers through the medium of the cinema. The primary focus involves examining the relationship between historical events and the ways in which those events are depicted, commemorated, memorialized, remembered and misremembered in film.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** History

**General Education and other Course Attributes:** Humanities

**HIST 4463 American Cultural History to 1865 (H)**

**Description:** American society in nonpolitical aspects: sections, classes, national culture and social structure, immigration, education, religion, reform, world influences; ends with Civil War.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** History

**General Education and other Course Attributes:** Humanities

**HIST 4483 American Cultural History Since 1865 (H)**

**Description:** Continuation of HIST 4463; may be taken independently. Emphasis on nonpolitical aspects of American society and thought and on world influences.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** History

**General Education and other Course Attributes:** Humanities

**HIST 4493 Frontier in American Memory (H)**

**Description:** Examination of the ways in which several American frontiers have been remembered, especially in popular culture. These frontiers include those informed by imagery related to Euro-American pioneers, women, people of color, and the tribal peoples of the American West.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** History

**General Education and other Course Attributes:** Humanities

**HIST 4503 American Urban History (H)**

**Description:** Impact of urbanization upon American communities from 1865 to the present. Evolving political and social institutions, social change, technological innovations and planning theories.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** History

**General Education and other Course Attributes:** Humanities

**HIST 4513 Economic History of the US (S)**

**Description:** This course examines U.S. economic history from the pre-colonial period to the present. Students should learn factual information about important economic, as well as political and social and cultural developments, during this period. Along the way, we will pay attention to both important economic thinkers, as well as economic phenomena. Students should also learn how to identify and explain the causes and consequences of major economic developments, which will help them understand why and how the United States developed the way it did.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** History

**General Education and other Course Attributes:** Social & Behavioral Sciences

**HIST 4523 American Environmental History (H)**

**Description:** Examination of the changing ways society (from Native American to post-industrial) has defined, interpreted, valued, and used nature.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** History

**General Education and other Course Attributes:** Humanities

**HIST 4543 Vietnam War (HI)**

**Description:** Origins of the Vietnamese struggle against colonialism, international policy, making of military strategy and diplomacy, anti-war movement, impact of the war on soldiers and civilians, reflections of the war in popular memory and culture.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** History

**General Education and other Course Attributes:** Humanities, International Dimension

**HIST 4553 Gender in America (DH)**

**Description:** Cultural, societal and political reflections of American men and women from the colonial era to the present. Examination of the women's movements and their opponents. Exploration of changing notions of masculinity and femininity. Same course as AMST 4553.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** History

**General Education and other Course Attributes:** Diversity, Humanities



**HIST 4563 Cold War (HI)**

**Description:** International perspectives on the origins, conflicts and ideologies of the Cold War, the nuclear arms race, impact on daily life, cultural reflections, the collapse of communism, victors and losers in the post Cold War world.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** History

**General Education and other Course Attributes:** Humanities, International Dimension

**HIST 4593 America in International Perspective (H)**

**Prerequisites:** HIST 1103 or lower-division survey course in U.S. History, any period.

**Description:** A transnational interpretation of American history from the colonial era to the present day. Uses a variety of interdisciplinary sources to place the history of the United States within a comparative, global framework. Same course as AMST 4593.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** History

**General Education and other Course Attributes:** Humanities

**HIST 4723 Jerusalem: City and Symbol Across Millennia (H)**

**Description:** This course explores the history of Jerusalem as a city from the earliest records of its existence in the Ancient Near East to current events, as well as the meanings attached to Jerusalem as a symbol by Jews, Christians, and Muslims living around the world, from ancient scriptures to contemporary America.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** History

**General Education and other Course Attributes:** Humanities

**HIST 4753 Muslim-Christian Relations (H)**

**Description:** Exploration of commonalities and differences between Christianity and Islam, and the history of cooperation and conflict between Muslims and Christians, from Arabia in Muhammad's time to worldwide in the twenty-first century. Themes include mutual understanding and misunderstanding, conversion, rulers and subjects, discrimination, and dialogue. Same course as REL 4753.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** History

**General Education and other Course Attributes:** Humanities

**HIST 4883 History of Modern Southeast Asia (HI)**

**Description:** This course will focus on the history of Southeast Asia from the late 18th century to the present day. We will examine how the histories of these nations have been connected politically, culturally, and economically. The course will be framed around specific themes such as global trade, religious diffusion, imperialism, ideas of "tradition", nationalism, and globalization in modern Asia. The class will deal extensively with the present-day legacy of these historical processes in the region.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** History

**General Education and other Course Attributes:** Humanities, International Dimension

**HIST 4903 Senior Seminar**

**Prerequisites:** HIST 3903.

**Description:** An introduction to historical research for senior history majors. Students will be required to select, research, and write a seminar paper based on primary documents and use standard footnoting and bibliographical methods. Previously offered as HIST 3973.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** History

**HIST 4980 Topics in History**

**Description:** For students interested in pursuing either a research or a reading project. Open to students in history and to others by permission of instructor. Offered for variable credit, 1-3 credit hours, maximum of 9 credit hours.

**Credit hours:** 1-3

**Contact hours:** Contact: 1-3 Other: 1-3

**Levels:** Undergraduate

**Schedule types:** Independent Study

**Department/School:** History

**HIST 4990 Undergraduate Internship**

**Prerequisites:** Consent of instructor.

**Description:** History related internship experience designed to introduce majors to career possibilities. Offered for variable credit, 1-6 credit hours, maximum of 6 credit hours.

**Credit hours:** 1-6

**Contact hours:** Contact: 1-6 Other: 1-6

**Levels:** Undergraduate

**Schedule types:** Independent Study

**Department/School:** History

**HIST 4993 Senior Honors Thesis**

**Prerequisites:** Departmental invitation, senior standing, Honors Program participation.

**Description:** A guided reading and research program ending with an honors thesis under the direction of a faculty member, with second faculty reader and oral examination. Required for graduation with departmental honors in history.

**Credit hours:** 3

**Contact hours:** Contact: 3 Other: 3

**Levels:** Undergraduate

**Schedule types:** Independent Study

**Department/School:** History

**HIST 5000 Thesis**

**Description:** Offered for variable credit, 1-6 credit hours, maximum of 6 credit hours.

**Credit hours:** 1-6

**Contact hours:** Contact: 1-6 Other: 1-6

**Levels:** Graduate

**Schedule types:** Independent Study

**Department/School:** History

**HIST 5021 Teaching History at the College Level**

**Prerequisites:** Graduate standing or permission of instructor required.

**Description:** Survey of objectives and methods in the teaching of history at the college level.

**Credit hours:** 1

**Contact hours:** Lecture: 1 Contact: 1

**Levels:** Graduate

**Schedule types:** Lecture

**Department/School:** History

**HIST 5023 Historical Methods**

**Prerequisites:** Graduate student standing or permission of instructor required.

**Description:** Methods of historical research and the writing of history.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Graduate

**Schedule types:** Lecture

**Department/School:** History

**HIST 5030 Public History Internship**

**Prerequisites:** Graduate student standing or permission of instructor required.

**Description:** Supervised practical experience in public history. Offered for variable credit, 3-6 credit hours, maximum of 6 credit hours.

**Credit hours:** 3-6

**Contact hours:** Contact: 3-6 Other: 3-6

**Levels:** Graduate

**Schedule types:** Independent Study

**Department/School:** History

**HIST 5033 Introduction to Public History**

**Prerequisites:** Graduate student standing or permission of instructor required.

**Description:** Introduction to theory and practice of public history. Includes public history careers, public history as a field in the discipline, and the public perception and use of the past.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Graduate

**Schedule types:** Lecture

**Department/School:** History

**HIST 5053 Museum Studies**

**Prerequisites:** Graduate student standing or permission of instructor required.

**Description:** Introduction to museum theory and practice, especially as it pertains to history museums and sites. No credit for students with credit in HIST 4063.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Graduate

**Schedule types:** Lecture

**Department/School:** History

**HIST 5063 Historic Preservation**

**Prerequisites:** Graduate student standing or permission of instructor required.

**Description:** Focuses on the United States and examines the history and theory of the preservation movement, the legal basis for preservation of the built environment, and the methodology of preservation. No credit for students with credit in HIST 4063.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Graduate

**Schedule types:** Lecture

**Department/School:** History

**HIST 5073 Digital Methods in History**

**Prerequisites:** Graduate student standing or permission of instructor required.

**Description:** Introduction to the methods and practice of working with digital sources, creating digital content, basic foundations of software and metadata for digital archives, introduction to web design and database construction.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Graduate

**Schedule types:** Lecture

**Department/School:** History

**HIST 5093 Oral History: Theory and Methodology**

**Description:** This course is an interdisciplinary introduction to oral history methodology, theory, and professional practice. It examines how oral history projects are constructed and administered and archivally managed. The course will also explore the technologies involved in the collection of interviews, the reliability of memory and the utilization of oral histories in various forms of dissemination. Students will gain practical experience in oral history interviewing and related aspects of oral history, such as transcribing, editing, archiving, and publishing oral histories. May not be used for degree credit with HIST 4093.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Graduate

**Schedule types:** Lecture

**Department/School:** History

**HIST 5120 Reading Seminar in American History**

**Prerequisites:** Graduate student standing or permission of instructor required.

**Description:** Historiographical and bibliographical study of special areas of American history. Offered for fixed credit, 3 credit hours, maximum of 24 credit hours.

**Credit hours:** 3

**Contact hours:** Contact: 3 Other: 3

**Levels:** Graduate

**Schedule types:** Independent Study

**Department/School:** History

**HIST 5140 Reading Seminar in European and World History**

**Prerequisites:** Graduate student standing or permission of instructor required.

**Description:** Historiographical and bibliographical study of special areas of European and World history. Offered for fixed credit, 3 credit hours, maximum of 24 credit hours.

**Credit hours:** 3

**Contact hours:** Contact: 3 Other: 3

**Levels:** Graduate

**Schedule types:** Independent Study

**Department/School:** History

**HIST 5220 Research Seminar in American History**

**Prerequisites:** Graduate student standing or permission of instructor required.

**Description:** Research in selected problems in American history. Offered for fixed credit, 3 credit hours, maximum of 24 credit hours.

**Credit hours:** 3

**Contact hours:** Contact: 3 Other: 3

**Levels:** Graduate

**Schedule types:** Independent Study

**Department/School:** History

**HIST 5240 Research Seminar in European and World History**

**Prerequisites:** Graduate standing or permission of instructor required.

**Description:** Research in selected problems in European and World history. Offered for fixed credit, 3 credit hours, maximum of 24 credit hours.

**Credit hours:** 3

**Contact hours:** Contact: 3 Other: 3

**Levels:** Graduate

**Schedule types:** Independent Study

**Department/School:** History

**HIST 6000 Doctoral Dissertation**

**Prerequisites:** Admission to candidacy.

**Description:** Advanced research in history. Offered for variable credit, 1-19 credit hours, maximum of 30 credit hours.

**Credit hours:** 1-19

**Contact hours:** Contact: 1-19 Other: 1-19

**Levels:** Graduate

**Schedule types:** Independent Study

**Department/School:** History

**HIST 6023 Historiography**

**Prerequisites:** Graduate student standing or permission of instructor required.

**Description:** Major writers of history, historical schools and patterns of developments in historical interpretation from the earliest times to present.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Graduate

**Schedule types:** Lecture

**Department/School:** History

**HIST 6100 Directed Readings in History**

**Prerequisites:** Graduate student standing or permission of instructor required.

**Description:** Readings in selected topics in history to develop factual knowledge, analytical skills, and interpretive understanding. Offered for variable credit, 1-3 credit hours, maximum of 6 credit hours.

**Credit hours:** 1-3

**Contact hours:** Contact: 1-3 Other: 1-3

**Levels:** Graduate

**Schedule types:** Independent Study

**Department/School:** History

**HIST 6130 Graduate Studies in History**

**Prerequisites:** Graduate student standing.

**Description:** Graduate-level work under taken in association with upper-division lecture courses. Added component ordinarily entails a graduate-level research paper or historiographical essay of substantial length.

Offered for variable credit, 1-3 credit hours, maximum of 6 credit hours.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Graduate

**Schedule types:** Lecture

**Department/School:** History

## Undergraduate Programs

- History, BA (p. 1285)
- History: Business Essentials, BA (p. 1289)
- History: Pre-Law, BA (p. 1293)

## Graduate Programs

The Department of History offers programs leading to the MA and PhD in history. In addition to the general Graduate College requirements, the candidate for the MA or PhD degree with a major in history is expected to have completed approximately thirty semester credit hours (including eighteen upper-division hours) of undergraduate history courses, with an undergraduate grade-point average of at least 3.00 on a 4.00 scale.

## The Master of Arts Degree

Admission to the MA program requires submission of scores for the verbal, quantitative, and analytical writing sections of the Graduate Record Examination. Candidates for the MA degree choose one of two alternative plans. Requirements common to both plans include completion of a course (HIST 5023 Historical Methods) in historical methods of research and writing, research and reading seminars, and a thesis. Students must maintain at least a 3.00 ("B") grade-point average. An advisory committee will be appointed for each student during the second semester of enrollment. The two plans are designed for different careers, and the distinctive requirements of each are summarized below:

### Plan I

(This plan is recommended for those planning to continue graduate studies at the doctoral level.) Students must complete a minimum of thirty hours of graduate courses in two fields. These hours must include at least twelve hours of seminar (including at least one research seminar), (HIST 5023 Historical Methods), and six hours of thesis (HIST 5000 Thesis). Students must take at least twelve hours in the major field and at least nine in a minor field. With the consent of their advisory committee, students may take course(s) at the graduate level in a related discipline.

Fields of study include:

- United States
- Europe
- World (Africa, Asia, Ancient World, Latin America, and/or Middle East)

Students must demonstrate satisfactory reading knowledge of one foreign language.

## Plan II

(Public History.) Students must complete a minimum of thirty-six hours of graduate courses. These hours must include the following:

Code	Title	Hours
At least nine hours of seminar (reading and/or research)		9
HIST 5023	Historical Methods	3
HIST 5033	Introduction to Public History	3
HIST 5030	Public History Internship	3-6
HIST 5000	Thesis	6

Normally, students will also take HIST 5053 Museum Studies and/or HIST 5063 Historic Preservation. With the approval of the student's advisory committee, as many as nine of these hours may be taken in related disciplines. The foreign language requirement required of Plan I students is optional, but a student's advisory committee may require foreign language proficiency for certain topics.

## The Doctor of Philosophy Degree

Admission to the PhD program requires submission of scores for the verbal, quantitative, and analytical writing sections of the Graduate Record Examination. Applicants must also meet Oklahoma State University requirements for the MA degree in history, with preference for applicants having at least a 3.50 grade-point-average (on a 4.00 scale).

The PhD program requires at least sixty hours beyond the MA degree. Students must select 3 fields of study—a general field (at least fifteen hours), a major field (at least twelve hours), and a minor field (at least nine hours) from the options shown below. The minor fields must not duplicate the general or major fields. To be admitted to candidacy, students must pass comprehensive examinations, demonstrate a reading knowledge of one foreign language, have an approved dissertation proposal, and submit a Plan of Study to the Graduate College before writing a dissertation.

All PhD students must take HIST 6023 Historiography and HIST 5021 Teaching History at the College Level, and at least eighteen hours of seminar, including at least three hours of research seminar. Students without a MA thesis must take HIST 5023 Historical Methods. With the consent of their advisory committee, students may apply graduate course work taken outside the History Department to their major field.

## General fields

- United States
- Europe to 1789
- Europe after 1789

## Major fields (including but not limited to)

- United States West
- Native North America
- Medicine, Environment, and Food

- Religion
- Gender
- War and society
- Race and ethnicity

## Minor fields

- North America
- Europe
- Ancient World
- Middle East
- Asia
- Latin America
- Public History

Upon the recommendation of the departmental Director of Graduate Studies, a PhD advisory committee of no fewer than four voting members will be appointed by the Dean of the Graduate College. This committee consists of members of the OSU Graduate Faculty (at least one from each of the examination fields and one from outside the History Department), including the student's major advisor, who acts as a chairperson and must have PhD chairing privileges.

## Minors

- Ancient and Medieval Studies (AAMS), Minor (p. 1283)
- History (HIST), Minor (p. 1284)

## Faculty

Brian Hosmer, PhD—Professor and Head

**Regents Professor:** Jason Lavery, PhD; James L. Huston, PhD (emeritus)

**Professors:** Joseph F. Byrnes, PhD (emeritus); PhD; David M. D'Andrea, PhD; Michael F. Logan, PhD (emeritus); L. George Moses, PhD (emeritus); Richard C. Rohrs, PhD (emeritus); Tonia Sharlach, PhD; Michael M. Smith, PhD (emeritus); Elizabeth A. Williams, PhD (emeritus)

**Associate Professors:** Laura J. Arata, PhD; William S. Bryans, PhD (emeritus); Thomas A. Carlson, PhD; Yongtao Du, PhD; Emily Graham, PhD; Holly Karibo, PhD; John M. Kinder, PhD; Doug Miller, PhD; Lesley A. Rimmel, PhD (emeritus)

**Assistant Professors:** Francisco Beltrán, PhD; Richard J. Boles, PhD; Merle Eisenberg, PhD; Mette Flynt, PhD; Sarah Foss, PhD; Sarah Griswold, PhD; Rebecca Kaplan, PhD; Kallie Kosc, PhD; Matthew Schauer, PhD; Brandy T. Wells, PhD

**Teaching Assistant Professor:** Jennifer Murray, PhD; Matthew J. Pereira, PhD

## Ancient and Medieval Studies (AAMS), Minor

**Requirements for Students Matriculating in or before Academic Year 2022-2023.** Learn more about University Academic Regulation 3.1 (p. 943).

Sarah Mutschelknaus, 101B SSH, 405-744-8197

**Minimum Grade Point Average in Minor Coursework:** 2.50 with no grade below "C"

**Total Hours:** 18

Code	Title	Hours
<b>Minor Requirements</b>		
12 hours must be upper-division		
At least 3 hours must be non-Western		
Select 18 credit hours from at least 3 disciplinary areas:		18
ART 1503	Art History Survey I (H)	
ART 3603	History of Classical Art (H)	
ART 3713	Early Medieval Art: Saints, Martyrs, Pagans (H)	
ART 3723	Court and Cloister: Medieval Art 1050-1400 (H)	
ART 4583	Rome: The Eternal City in Art and Film (H)	
ART 4693	Gender And Visual Culture	
ENGL 2543	Survey of British Literature I (H)	
ENGL 3123	Mythology (H)	
ENGL 3163	Literatures of the Ancient World (H)	
ENGL 4003	History of the English Language	
ENGL 4100	Studies in Medieval British Literature	
ENGL 4223	Introduction to Old English	
ENGL 4600	Studies in Chaucer or Milton	
ENGL 4700	Single Author or Work Pre-1800	
GREK 1713	Elementary Classical Greek I	
GREK 1813	Elementary Classical Greek II	
GREK 2713	Elementary Classical Greek III	
GREK 2813	Intermediate Readings	
GREK 3330	Advanced Readings	
GREK 4113	Greek Literature in Translation (H)	
HIST 1613	Western Civilization to 1500 (H)	
HIST 1713	Survey of Eastern Civilization (H)	
HIST 1813	World History from Ancient Times to 1500 (H)	
HIST 3013	Ancient Egypt and Israel (H)	
HIST 3023	Ancient Greece (H)	
HIST 3033	Ancient Rome: The Republic (H)	
HIST 3043	Ancient Mesopotamia: Iraq, Iran & Syria from 4000-333 B.C. (H)	
HIST 3203	The Medieval World, 500-1500 (H)	
HIST 3233	Late Medieval World, 1000-1450 (H)	
HIST 3373	Invasion and Identity: The Medieval English World: 700-1400 (H)	
HIST 3503	Medieval Islamic History (H)	
HIST 3573	The Mongol Empire (H)	

HIST 3980	Studies in History (must be "Religion and Mythology")
HIST 4403	Sorcerers, Saints and Heretics: Religion in the Medieval World (H)
HIST 4413	Sex and Gender in the Medieval World (H)
HONR 2413	The Ancient World (H)
HONR 2423	The Middle Ages and Renaissance (H)
LATN 1713	Elementary Latin I
LATN 1813	Elementary Latin II
LATN 2713	Elementary Latin III
LATN 2813	Intermediate Readings
LATN 3123	Classical Mythology (H)
LATN 3223	Love and Hate in Greece and Rome (H)
LATN 3330	Advanced Readings in Latin
LATN 4113	Latin Literature in Translation (H)
REL 2013	The Old Testament and its Study (H)
REL 2023	The New Testament and Its Study (H)
REL 3223	Jesus: Teachings, History and Interpretation (H)
REL 3243	Paul and the Early Church (H)
REL 3423	Classic Christian Writings (H)

Other courses that are at least 50% focused on the Ancient World and/or Middle Ages may be used with consent of advisor.

**Total Hours** 18

## Additional OSU Requirements Undergraduate Minors

- An undergraduate minor must include between fifteen and thirty hours, inclusive of undergraduate coursework.
- A minimum of six credit hours for the minor must be earned in residence at OSU.
- The courses required for a minor may be included in the course requirements for any undergraduate degree or they may be in addition to degree requirements, depending on the overlap between the minor and degree requirements. However, an undergraduate minor must be earned in an academic field other than the student's declared degree option. The minor may not duplicate the degree major or option (for example, a student who earns a BA in Art with an Art History option may earn a minor in Studio Art but not Art History).
- A student generally follows the minor requirements associated with his or her matriculation year or newer requirements that have been established since matriculation. The time limit for following requirements from a given academic year is six years.

For additional information on requirements on minors, click here (<https://adminfinance.okstate.edu/site-files/documents/policies/requirements-for-undergraduate-and-graduate-minors.pdf>).

## History (HIST), Minor

**Requirements for Students Matriculating in or before Academic Year 2022-2023.** Learn more about University Academic Regulation 3.1 (p. 943).

Sarah Mutschelknaus, 101B SSH, 405-744-8197

**Minimum Grade Point Average in Minor Coursework:** 2.50 with no grade below "C."

**Total Hours:** 18

Code	Title	Hours
<b>Minor Requirements</b>		
18 hours HIST, 12 of which must be upper-division		18

Choose from HIST (p. 521) courses.

## Additional OSU Requirements

### Undergraduate Minors

- An undergraduate minor must include between fifteen and thirty hours, inclusive of undergraduate coursework.
- A minimum of six credit hours for the minor must be earned in residence at OSU.
- The courses required for a minor may be included in the course requirements for any undergraduate degree or they may be in addition to degree requirements, depending on the overlap between the minor and degree requirements. However, an undergraduate minor must be earned in an academic field other than the student's declared degree option. The minor may not duplicate the degree major or option (for example, a student who earns a BA in Art with an Art History option may earn a minor in Studio Art but not Art History).
- A student generally follows the minor requirements associated with his or her matriculation year or newer requirements that have been established since matriculation. The time limit for following requirements from a given academic year is six years.

For additional information on requirements on minors, click here (<https://adminfinance.okstate.edu/site-files/documents/policies/requirements-for-undergraduate-and-graduate-minors.pdf>).



# History, BA

## Degree Requirements

**Requirements for Students Matriculating in or before Academic Year 2022-2023.** Learn more about University Academic Regulation 3.1 (p. 943).

**Minimum Overall Grade Point Average:** 2.00

**Total Hours:** 120

Code	Title	Hours
<b>General Education Requirements</b>		
<i>English Composition</i>		
See Academic Regulation 3.5 (p. 944)		
ENGL 1113	Composition I	3
or ENGL 1313	Critical Analysis and Writing I	
Select one of the following:		3
ENGL 1213	Composition II	
ENGL 1413	Critical Analysis and Writing II	
ENGL 3323	Technical Writing	
<i>American History &amp; Government</i>		
HIST 1103	Survey of American History	3
or HIST 1483	American History to 1865 (H)	
or HIST 1493	American History Since 1865 (DH)	
POLS 1113	American Government	3
<i>Analytical &amp; Quantitative Thought (A)</i>		
MATH or STAT course designated (A)		3
<i>Humanities (H)</i>		
Select one course from each group:		
Group 1:		
HIST 1613	Western Civilization to 1500 (H)	3
or HIST 1713	Survey of Eastern Civilization (H)	
or HIST 1813	World History from Ancient Times to 1500 (H)	
Group 2:		
HIST 1623	Western Civilization after 1500 (H)	3
or HIST 1823	World History 1500 to Present (H)	
<i>Natural Sciences (N)</i>		
Must include one Laboratory Science (L) course		
Course designated (N)		6
<i>Social &amp; Behavioral Sciences (S)</i>		
Course designated (S)		3
<i>Additional General Education</i>		
Courses designated (A), (H), (N), or (S)		10
<b>Hours Subtotal</b>		<b>40</b>
<b>Diversity (D) &amp; International Dimension (I)</b>		
May be completed in any part of the degree plan		
Select at least one Diversity (D) course		
Select at least one International Dimension (I) course		
<b>College/Departmental Requirements</b>		
<i>First Year Seminar</i>		
(Transfer students with 15 hours exempt)		1
<i>Arts &amp; Humanities</i>		
9 hours non-History		9

### Natural & Mathematical Sciences

See note 2.b. 3

### Foreign Language

See note 3 9

### Non-Western Studies

Select at least one course

See note 2.d.

### Upper-Division General Education

Select 6 hours outside major department

See note 2.c.

**Hours Subtotal 22**

### Major Requirements

Minimum GPA 2.50. Minimum grade of "C" in all U/D HIST courses

HIST 3903 Introduction to the Study of History 3

HIST 4903 Senior Seminar 3

or HIST 4993 Senior Honors Thesis

30 hours to include at least 2 courses (6 hours) from each of the 3 areas below. Only 3 hours may be 2000-level. 30

HIST 3980 Studies in History, and HIST 4980 Topics in History (9 hours maximum) or HIST 4993 Senior Honors Thesis may be substituted in one or more of the areas with consent of advisor.

### American History:

HIST 2023 History of the Present (H) <sup>1</sup>

HIST 2333 American Thought and Culture: Survey (H)

HIST 2343 Religion in America (DH)

HIST 3093 Historical Geography of North America to 1800 (H)

HIST 3133 African Diaspora History (DH)

HIST 3333 History of the Second World War (HI) <sup>1</sup>

HIST 3593 Introduction to Museum and Cultural Studies (H)

HIST 3613 American Colonial Period to 1750 (H)

HIST 3623 Era of the American Revolution (H)

HIST 3633 Early National Period, 1787-1828 (H)

HIST 3643 Antebellum America, 1828-1850 (H)

HIST 3653 Civil War and Reconstruction, 1850-1877

HIST 3663 U.S History 1877-1919 (H)

HIST 3673 United States History, 1919-45 (DH)

HIST 3683 United States History Since 1945 (DH)

HIST 3693 The Modern West (H)

HIST 3703 Oklahoma History (DH)

HIST 3713 Women in the American West (DH)

HIST 3753 Trans-Mississippi West (DH)

HIST 3763 American Southwest (DH)

HIST 3773 Old South (S)

HIST 3793 Native American History (DH)

HIST 3803 History of Food (H) <sup>1</sup>

HIST 3843 War and Memory in America (H)

HIST 3853 History of the North American Borderlands (DH)

HIST 3863 Disability in America (DH)

HIST 4033	Introduction to Public History (H)	HIST 3963	Ideas and Ideologies in Modern Europe (H)
HIST 4063	Historic Preservation <sup>1</sup>	HIST 4403	Sorcerers, Saints and Heretics: Religion in the Medieval World (H)
HIST 4073	Digital Methods in History <sup>1</sup>	HIST 4413	Sex and Gender in the Medieval World (H)
HIST 4093	Oral History: Theory and Methodology	HIST 4433	From Assassin's Creed to Witcher: Medievalism in the 21st Century World (H)
HIST 4103	Historical Geography of the United States (H)	<i>World History:</i>	
HIST 4153	African American History, 1619-1865 (DH)	HIST 2513	Plantation to Plate: Sugar, Bananas, and Coffee in America (H)
HIST 4163	African American History, 1865-Present (DH)	HIST 3013	Ancient Egypt and Israel (H)
HIST 4173	Black Intellectual History (DH)	HIST 3043	Ancient Mesopotamia: Iraq, Iran & Syria from 4000-333 B.C. (H)
HIST 4253	U.S. Foreign Relations to 1945 (H)	HIST 3053	Introduction to Central Asia Studies (IS)
HIST 4273	U.S. Foreign Relations Since 1945 (H)	HIST 3123	The History of Modern Africa (HI)
HIST 4333	History of Sexuality in the United States (D)	HIST 3203	The Medieval World, 500-1500 (H)
HIST 4353	American Military History (H)	HIST 3303	Nations on the Move: Latin American Migration and Latinx Communities in the US (DH)
HIST 4363	US History through Popular and Unpopular Music (DH)	HIST 3403	East Asia to 1800 (H)
HIST 4453	History and Film (H) <sup>1</sup>	HIST 3413	East Asia Since 1800 (HI)
HIST 4463	American Cultural History to 1865 (H)	HIST 3423	Modern Japan (HI)
HIST 4483	American Cultural History Since 1865 (H)	HIST 3433	Modern China (HI)
HIST 4493	Frontier in American Memory (H)	HIST 3443	Gender Relations in Chinese History (H)
HIST 4503	American Urban History (H)	HIST 3453	Colonial Latin America (H)
HIST 4513	Economic History of the US (S)	HIST 3463	Modern Latin America (HI)
HIST 4523	American Environmental History (H)	HIST 3503	Medieval Islamic History (H)
HIST 4543	Vietnam War (HI) <sup>1</sup>	HIST 3513	Modern Middle East (HI)
HIST 4553	Gender in America (DH)	HIST 3523	History of Modern India and South Asia (HI)
HIST 4563	Cold War (HI) <sup>1</sup>	HIST 3543	Israel & Palestine in Modern Times (HI)
HIST 4593	America in International Perspective (H) <sup>1</sup>	HIST 3573	The Mongol Empire (H)
<i>European History:</i>		HIST 3583	Minorities and Diversity in the Middle East (H)
HIST 3023	Ancient Greece (H)	HIST 4883	History of Modern Southeast Asia (HI)
HIST 3033	Ancient Rome: The Republic (H)	Select 12 hours upper-division courses from the following related 12 prefixes, or others with consent of advisor.	
HIST 3113	Germany Since 1815 (HI)	AFAM, AMST, AMIS, ANTH, ART, ECON, ENGL, FLL (and any foreign language), GEOG, GWST, PHIL, POLS, PSYC, REL, SOC.	
HIST 3153	Russia to 1861 (H)	For students interested in teaching, EDTC 3123, EPSY 3213, and SCFD 3223 may be used.	
HIST 3163	Russia Since 1861 (HI)	<b>Hours Subtotal</b> <b>48</b>	
HIST 3233	Late Medieval World, 1000-1450 (H)	<b>Electives</b>	
HIST 3243	Renaissance, 1350-1517 (H)	Select 10 hours 10	
HIST 3253	Absolutism and Enlightenment, 1648-1789	May need to include 6 hours upper-division general education outside major department (see note 2.c.)	
HIST 3263	Modern Europe, 1815-1914 (H)	<b>Hours Subtotal</b> <b>10</b>	
HIST 3273	Modern Europe Since 1914 (HI)	<b>Total Hours</b> <b>120</b>	
HIST 3323	Modern France, 1789-Present (HI)		
HIST 3343	World War I in Modern European Culture (HI)		
HIST 3353	Mediterranean World		
HIST 3363	Popular Religion in the West, 1300-1700 (H)		
HIST 3373	Invasion and Identity: The Medieval English World: 700-1400 (H)		
HIST 3383	Tudor-Stuart England (H)		
HIST 3393	Modern England: 1714-Present (H)		
HIST 3473	British Empire and Commonwealth of Nations (H)		
HIST 3483	Reformation Europe, 1517-1648 (H)		
HIST 3493	Scandinavia Since 1500 (HI)		
HIST 3913	History of Medicine (H) <sup>1</sup>		
HIST 3953	Religion in Modern Europe		

1

These courses have geographic flexibility and may be used in any of the three areas (American History, European History, or World History) with consent of advisor.

## Other Requirements

- See the College of Arts and Sciences Requirements.
- **Upper-Division Credit:** Total hours must include at least 40 hours in courses numbered 3000 or above.
- **Hours in One Department:** For B.A. and B.S. degrees, no more than 54 hours in one department may be applied to degree requirements.

## College of Arts and Sciences Requirements

### 1. General Education Requirements

No more than two courses (or eight hours) from the major department (<http://catalog.okstate.edu/college-arts-sciences-major-departments/>) may be used to meet General Education and College and Departmental Requirements. The General Education required English Composition, required U.S. History, required American Government, one required MATH or STAT course, and required foreign language for B.A. degrees do not count against the two-course maximum.

### 2. A&S College/Departmental Requirements

- Arts and Humanities are defined as any course carrying an (H) designation or courses from AMST, ART, DANC, ENGL (except ENGL 3323 Technical Writing) HIST, MUSI, PHIL (except PHIL 1313 Logic and Critical Thinking (A), PHIL 3003 Symbolic Logic (A) and PHIL 4003 Mathematical Logic and Computability), REL, TH, and foreign languages.
- Natural and Mathematical Sciences are defined as any course from the following prefixes: ASTR, BIOC, BIOL, CHEM, CS (except CS 4883 Social Issues in Computing), GEOL, MATH, MICR, PBIO, PHYS, and STAT; or courses from other departments that carry an (A) or (N) general education designation.
- The required six hours of upper-division General Education may not include courses from the student's major department. This requirement may be satisfied by courses also used to satisfy any part of a student's degree program (i.e., in General Education, College Departmental Requirements, Major Requirements or Electives).
- Non-Western Studies Requirement for B.A. and B.F.A.; One 3-hour course in Non-Western Studies (N.W.). This requirement may be satisfied by courses also used to satisfy any part of a student's degree program (i.e., in General Education, College Departmental Requirements, Major Requirements or Electives).
- The College of Arts & Sciences requires a minimum 2.0 GPA in all major requirements and a minimum 2.0 GPA in all major-prefix courses applied to the degree.

### 3. Foreign Language Proficiency

- The foreign language requirement for the B.A. may be satisfied by 9 hours college credit in the same language, which must include 3 hours at the 2000-level, or equivalent proficiency (e.g., passing an advanced standing examination; TOEFL exam; presenting a high school transcript which demonstrates the high school was primarily conducted in a language other than English; etc.). Computer Science courses may not be used to satisfy this requirement. Currently Arabic and Mvskoke are not offered at the 2000-level at OSU.
- The foreign language requirement for the B.S., B.M. and B.F.A. may be satisfied by presenting a high school transcript which demonstrates two years of study of a single foreign language (passing grades at second-year level of study). It may also

be satisfied by 6 hours college credit in the same language, which must include language courses 1713 and 1813, or equivalent proficiency (e.g., passing an advanced standing examination; TOEFL exam; presenting a high school transcript which demonstrates the high school was primarily conducted in a language other than English; etc.). Computer Science courses may not be used to satisfy this requirement.

- In addition to a. and b., students pursuing teacher certification must meet novice-high foreign language proficiency by presenting a high school transcript which demonstrates two years of study of a single foreign language with no grade below B. Or, students may complete 3 hours college credit in a single language with no grade below C (or pass an advanced standing examination, College Level Examination Program (CLEP) exam, or Oral Proficiency Interview developed by the American Council on the Teaching of Foreign Languages, equivalent to 3 hours of college credit.) Or, students may meet the requirement by transfer of documentation of meeting the foreign language competency from one of the teacher education programs in the State of Oklahoma approved by the Oklahoma State Regents for Higher Education.

### 4. Exclusions

- Courses used to satisfy the General Education English Composition, U.S. History, American Government, and Mathematics or Statistics requirements will not count toward the 54-hour maximum allowed from one department.
- Courses with ATHL or LEIS prefixes and leisure activity courses may not be used for degree credit.

## Additional State/OSU Requirements

- At least: 60 hours at a four-year institution; 30 hours completed at OSU; 15 of the final 30 or 50% of the upper-division hours in the major field completed at OSU.
- Limit of: one-half of major course requirements as transfer work; one-fourth of hours earned by correspondence; 8 transfer correspondence hours.
- Students will be held responsible for degree requirements in effect at the time of matriculation and any changes that are made, so long as these changes do not result in semester credit hours being added or do not delay graduation.
- Degrees that follow this plan must be completed by the end of Summer 2028.

## Example Plan of Study Finish in Four Plan of Study

The plan below is an example of how students can successfully complete degree requirements in four years. This suggested class schedule plan may be used as a guide and can be adjusted based on individual needs. Students are required to meet with an academic advisor prior to enrollment each semester to plan their class schedule, and students are ultimately responsible for completing all degree requirements.

Course	Title	Hours
<b>Freshman</b>		
<b>Fall</b>		
ENGL 1113	Composition I	3
HIST 1493 or HIST 1483 or HIST 1103	American History Since 1865 (DH) or American History to 1865 (H) or Survey of American History	3

1288 History, BA

General Education courses		8
<b>Hours</b>		<b>14</b>
<b>Spring</b>		
ENGL 1213	Composition II	3
POLS 1113	American Government	3
HIST 1613	Western Civilization to 1500 (H)	3
or HIST 1623	or Western Civilization after 1500 (H)	
or HIST 1713	or Survey of Eastern Civilization (H)	
or HIST 1813	or World History from Ancient Times to 1500 (H)	
or HIST 1823	or World History 1500 to Present (H)	
General Education courses		7
<b>Hours</b>		<b>16</b>
<b>Sophomore</b>		
<b>Fall</b>		
HIST 1623	Western Civilization after 1500 (H)	3
or HIST 1613	or Western Civilization to 1500 (H)	
or HIST 1713	or Survey of Eastern Civilization (H)	
or HIST 1813	or World History from Ancient Times to 1500 (H)	
or HIST 1823	or World History 1500 to Present (H)	
1713 First Semester Foreign Language		3
General Education courses		9
<b>Hours</b>		<b>15</b>
<b>Spring</b>		
HIST 3903	Introduction to the Study of History	3
2000-level HIST course		3
1813 Second Semester Foreign Language		3
College and Elective courses		6
<b>Hours</b>		<b>15</b>
<b>Junior</b>		
<b>Fall</b>		
2000-level Foreign Language		3
Major, College, and Elective courses		12
<b>Hours</b>		<b>15</b>
<b>Spring</b>		
Major, College, and Elective courses		15
<b>Hours</b>		<b>15</b>
<b>Senior</b>		
<b>Fall</b>		
Major, College, and Elective courses		15
<b>Hours</b>		<b>15</b>
<b>Spring</b>		
HIST 4903	Senior Seminar	3
or HIST 4993	or Senior Honors Thesis	
Major, College, and Elective courses		12
<b>Hours</b>		<b>15</b>
<b>Total Hours</b>		<b>120</b>

# History: Business Essentials, BA

## Degree Requirements

**Requirements for Students Matriculating in or before Academic Year 2022-2023.** Learn more about University Academic Regulation 3.1 (p. 943).

**Minimum Overall Grade Point Average:** 2.00

**Total Hours:** 120

Code	Title	Hours
<b>General Education Requirements</b>		
<i>English Composition</i>		
See Academic Regulation 3.5 (p. 944)		
ENGL 1113 or ENGL 1313	Composition I Critical Analysis and Writing I	3
ENGL 1213 or ENGL 1413 or ENGL 3323	Composition II Critical Analysis and Writing II Technical Writing	3
<i>American History &amp; Government</i>		
HIST 1103 or HIST 1483 or HIST 1493	Survey of American History <sup>1</sup> American History to 1865 (H) American History Since 1865 (DH)	3
POLS 1113	American Government	3
<i>Analytical &amp; Quantitative Thought (A)</i>		
MATH 1483	Mathematical Functions and Their Uses (A) (or higher excluding MATH 1493)	3
<i>Humanities (H)</i>		
Select one course from each group:		
Group 1:		
HIST 1613 or HIST 1713 or HIST 1813	Western Civilization to 1500 (H) Survey of Eastern Civilization (H) World History from Ancient Times to 1500 (H)	3
Group 2:		
HIST 1623 or HIST 1823	Western Civilization after 1500 (H) World History 1500 to Present (H)	3
<i>Natural Sciences (N)</i>		
Must include one Laboratory Science (L) course.		
Courses designated (N) with one (L)		6
<i>Social &amp; Behavioral Sciences (S)</i>		
Courses designated (S)		3
<i>Additional General Education</i>		
Courses designated (A), (H), (N), or (S)		10
<b>Hours Subtotal</b>		<b>40</b>
<b>Diversity (D) &amp; International Dimension (I)</b>		
May be completed in any part of the degree plan.		
At least one Diversity (D) course		
At least one International Dimension (I) course		
<b>College/Departmental Requirements</b>		
<i>First Year Seminar</i>		
(Transfer students with 15 hours exempt)		1
<i>Arts &amp; Humanities</i>		
9 hours non-History		9

<i>Natural &amp; Mathematical Sciences</i>		
(See note 2.b.)		3
<i>Foreign Languages</i>		
(See note 3.)		9
<i>Non-Western Studies</i>		
(See note 2.d.)		
<i>Upper-Division General Education</i>		
6 hours outside major department		
(See note 2.c.)		
<b>Hours Subtotal</b>		<b>22</b>
<b>Major Requirements</b>		
Minimum GPA 2.50; Minimum grade of "C" in all U/D HIST courses.		
HIST 3903	Introduction to the Study of History	3
HIST 4903 or HIST 4993	Senior Seminar Senior Honors Thesis	3
30 hours to include at least 2 courses (6 hours) from each of the 3 areas below. Only 3 hours may be 2000-level.		30
<i>American History:</i>		
HIST 2023	History of the Present (H)	
HIST 2333	American Thought and Culture: Survey (H)	
HIST 2343	Religion in America (DH)	
HIST 3093	Historical Geography of North America to 1800 (H)	
HIST 3133	African Diaspora History (DH)	
HIST 3333	History of the Second World War (HI)	
HIST 3593	Introduction to Museum and Cultural Studies (H)	
HIST 3613	American Colonial Period to 1750 (H)	
HIST 3623	Era of the American Revolution (H)	
HIST 3633	Early National Period, 1787-1828 (H)	
HIST 3643	Antebellum America, 1828-1850 (H)	
HIST 3653	Civil War and Reconstruction, 1850-1877	
HIST 3663	U.S History 1877-1919 (H)	
HIST 3673	United States History, 1919-45 (DH)	
HIST 3683	United States History Since 1945 (DH)	
HIST 3693	The Modern West (H)	
HIST 3703	Oklahoma History (DH)	
HIST 3713	Women in the American West (DH)	
HIST 3753	Trans-Mississippi West (DH)	
HIST 3763	American Southwest (DH)	
HIST 3773	Old South (S)	
HIST 3793	Native American History (DH)	
HIST 3803	History of Food (H)	
HIST 3843	War and Memory in America (H)	
HIST 3853	History of the North American Borderlands (DH)	
HIST 3863	Disability in America (DH)	
HIST 4033	Introduction to Public History (H)	
HIST 4063	Historic Preservation	
HIST 4073	Digital Methods in History	
HIST 4093	Oral History: Theory and Methodology	

HIST 4103	Historical Geography of the United States (H)
HIST 4153	African American History, 1619-1865 (DH)
HIST 4163	African American History, 1865-Present (DH)
HIST 4173	Black Intellectual History (DH)
HIST 4253	U.S. Foreign Relations to 1945 (H)
HIST 4273	U.S. Foreign Relations Since 1945 (H)
HIST 4333	History of Sexuality in the United States (D)
HIST 4353	American Military History (H)
HIST 4363	US History through Popular and Unpopular Music (DH)
HIST 4453	History and Film (H)
HIST 4463	American Cultural History to 1865 (H)
HIST 4483	American Cultural History Since 1865 (H)
HIST 4493	Frontier in American Memory (H)
HIST 4503	American Urban History (H)
HIST 4513	Economic History of the US (S)
HIST 4523	American Environmental History (H)
HIST 4543	Vietnam War (HI)
HIST 4553	Gender in America (DH)
HIST 4563	Cold War (HI)
HIST 4593	America in International Perspective (H)
<i>European History:</i>	
HIST 3023	Ancient Greece (H)
HIST 3033	Ancient Rome: The Republic (H)
HIST 3113	Germany Since 1815 (HI)
HIST 3153	Russia to 1861 (H)
HIST 3163	Russia Since 1861 (HI)
HIST 3233	Late Medieval World, 1000-1450 (H)
HIST 3243	Renaissance, 1350-1517 (H)
HIST 3253	Absolutism and Enlightenment, 1648-1789
HIST 3263	Modern Europe, 1815-1914 (H)
HIST 3273	Modern Europe Since 1914 (HI)
HIST 3323	Modern France, 1789-Present (HI)
HIST 3343	World War I in Modern European Culture (HI)
HIST 3353	Mediterranean World
HIST 3363	Popular Religion in the West, 1300-1700 (H)
HIST 3373	Invasion and Identity: The Medieval English World: 700-1400 (H)
HIST 3383	Tudor-Stuart England (H)
HIST 3393	Modern England: 1714-Present (H)
HIST 3473	British Empire and Commonwealth of Nations (H)
HIST 3483	Reformation Europe, 1517-1648 (H)
HIST 3493	Scandinavia Since 1500 (HI)
HIST 3913	History of Medicine (H)
HIST 3953	Religion in Modern Europe
HIST 3963	Ideas and Ideologies in Modern Europe (H)
HIST 4403	Sorcerers, Saints and Heretics: Religion in the Medieval World (H)
HIST 4413	Sex and Gender in the Medieval World (H)

HIST 4433	From Assassin's Creed to Witcher: Medievalism in the 21st Century World (H)	
<i>World History:</i>		
HIST 2513	Plantation to Plate: Sugar, Bananas, and Coffee in America (H)	
HIST 3013	Ancient Egypt and Israel (H)	
HIST 3043	Ancient Mesopotamia: Iraq, Iran & Syria from 4000-333 B.C. (H)	
HIST 3053	Introduction to Central Asia Studies (IS)	
HIST 3123	The History of Modern Africa (HI)	
HIST 3203	The Medieval World, 500-1500 (H)	
HIST 3303	Nations on the Move: Latin American Migration and Latinx Communities in the US (DH)	
HIST 3403	East Asia to 1800 (H)	
HIST 3413	East Asia Since 1800 (HI)	
HIST 3423	Modern Japan (HI)	
HIST 3433	Modern China (HI)	
HIST 3443	Gender Relations in Chinese History (H)	
HIST 3453	Colonial Latin America (H)	
HIST 3463	Modern Latin America (HI)	
HIST 3503	Medieval Islamic History (H)	
HIST 3513	Modern Middle East (HI)	
HIST 3523	History of Modern India and South Asia (HI)	
HIST 3543	Israel & Palestine in Modern Times (HI)	
HIST 3573	The Mongol Empire (H)	
HIST 3583	Minorities and Diversity in the Middle East (H)	
HIST 4883	History of Modern Southeast Asia (HI)	
HIST 3980 and HIST 4980 (9 hours maximum) or HIST 4993 may be substituted in one or more of the above areas with consent of advisor.		
12 hours business essentials:		
ACCT 2003	Survey of Accounting	3
MGMT 3013	Fundamentals of Management (S)	3
MKTG 3213	Marketing (S)	3
3 hours from the following:		3
ECON 2003	Microeconomic Principles for Business	
EEE 2023	Introduction to Entrepreneurship	
LSB 3213	Legal and Regulatory Environment of Business	
MSIS 2103	Business Data Science Technologies	
<b>Hours Subtotal</b>		<b>48</b>
<b>Electives</b>		<b>10</b>
May need to include 6 hours from upper-division general education outside major department (see note 2.c.).		
<b>Hours Subtotal</b>		<b>10</b>
<b>Total Hours</b>		<b>120</b>
1		
Students with prior credit in HIST 1103 may not earn credit in HIST 1483 or HIST 1493.		



## Other Requirements

- See the College of Arts and Sciences Requirements
- **Upper-Division Credit:** Total hours must include at least 40 hours in courses numbered 3000 or above.
- **Hours in One Department:** For B.A. and B.S. degrees, no more than 54 hours in one department may be applied to degree requirements.

## College of Arts and Sciences Requirements

### 1. General Education Requirements

No more than two courses (or eight hours) from the major department (<http://catalog.okstate.edu/college-arts-sciences-major-departments/>) may be used to meet General Education and College and Departmental Requirements. The General Education required English Composition, required U.S. History, required American Government, one required MATH or STAT course, and required foreign language for B.A. degrees do not count against the two-course maximum.

### 2. A&S College/Departmental Requirements

- Arts and Humanities are defined as any course carrying an (H) designation or courses from AMST, ART, DANC, ENGL (except ENGL 3323 Technical Writing) HIST, MUSI, PHIL (except PHIL 1313 Logic and Critical Thinking (A), PHIL 3003 Symbolic Logic (A) and PHIL 4003 Mathematical Logic and Computability), REL, TH, and foreign languages.
- Natural and Mathematical Sciences are defined as any course from the following prefixes: ASTR, BIOC, BIOL, CHEM, CS (except CS 4883 Social Issues in Computing), GEOL, MATH, MICR, PBIO, PHYS, and STAT; or courses from other departments that carry an (A) or (N) general education designation.
- The required six hours of upper-division General Education may not include courses from the student's major department. This requirement may be satisfied by courses also used to satisfy any part of a student's degree program (i.e., in General Education, College Departmental Requirements, Major Requirements or Electives).
- Non-Western Studies Requirement for B.A. and B.F.A.; One 3-hour course in Non-Western Studies (N.W.). This requirement may be satisfied by courses also used to satisfy any part of a student's degree program (i.e., in General Education, College Departmental Requirements, Major Requirements or Electives).
- The College of Arts & Sciences requires a minimum 2.0 GPA in all major requirements and a minimum 2.0 GPA in all major-prefix courses applied to the degree.

### 3. Foreign Language Proficiency

- The foreign language requirement for the B.A. may be satisfied by 9 hours college credit in the same language, which must include 3 hours at the 2000-level, or equivalent proficiency (e.g., passing an advanced standing examination; TOEFL exam; presenting a high school transcript which demonstrates the high school was primarily conducted in a language other than English; etc.). Computer Science courses may not be used to satisfy this requirement. Currently Arabic and Mvskoke are not offered at the 2000-level at OSU.
- The foreign language requirement for the B.S., B.M. and B.F.A. may be satisfied by presenting a high school transcript which demonstrates two years of study of a single foreign language (passing grades at second-year level of study). It may also

be satisfied by 6 hours college credit in the same language, which must include language courses 1713 and 1813, or equivalent proficiency (e.g., passing an advanced standing examination; TOEFL exam; presenting a high school transcript which demonstrates the high school was primarily conducted in a language other than English; etc.). Computer Science courses may not be used to satisfy this requirement.

- In addition to a. and b., students pursuing teacher certification must meet novice-high foreign language proficiency by presenting a high school transcript which demonstrates two years of study of a single foreign language with no grade below B. Or, students may complete 3 hours college credit in a single language with no grade below C (or pass an advanced standing examination, College Level Examination Program (CLEP) exam, or Oral Proficiency Interview developed by the American Council on the Teaching of Foreign Languages, equivalent to 3 hours of college credit.) Or, students may meet the requirement by transfer of documentation of meeting the foreign language competency from one of the teacher education programs in the State of Oklahoma approved by the Oklahoma State Regents for Higher Education.

### 4. Exclusions

- Courses used to satisfy the General Education English Composition, U.S. History, American Government, and Mathematics or Statistics requirements will not count toward the 54-hour maximum allowed from one department.
- Courses with ATHL or LEIS prefixes and leisure activity courses may not be used for degree credit.

## Additional State/OSU Requirements

- At least: 60 hours at a four-year institution; 30 hours completed at OSU; 15 of the final 30 or 50% of the upper-division hours in the major field completed at OSU.
- Limit of: one-half of major course requirements as transfer work; one-fourth of hours earned by correspondence; 8 transfer correspondence hours.
- Students will be held responsible for degree requirements in effect at the time of matriculation and any changes that are made, so long as these changes do not result in semester credit hours being added or do not delay graduation.
- Degrees that follow this plan must be completed by the end of Summer 2028.

## Example Plan of Study

### Finish in Four Plan of Study

The plan below is an **example** of how students can successfully complete degree requirements in four years. This suggested class schedule plan may be used as a guide and can be adjusted based on individual needs. Students are required to meet with an academic advisor prior to enrollment each semester to plan their class schedule, and students are ultimately responsible for completing all degree requirements.

Course	Title	Hours
<b>Freshman</b>		
<b>Fall</b>		
ENGL 1113	Composition I	3
HIST 1493 or HIST 1483 or HIST 1103	American History Since 1865 (DH) or American History to 1865 (H) or Survey of American History	3

1292 History: Business Essentials, BA

General Education courses		8
<b>Hours</b>		<b>14</b>
<b>Spring</b>		
ENGL 1213	Composition II	3
POLS 1113	American Government	3
HIST 1613	Western Civilization to 1500 (H)	3
or HIST 1623	or Western Civilization after 1500 (H)	
or HIST 1713	or Survey of Eastern Civilization (H)	
or HIST 1813	or World History from Ancient Times to 1500 (H)	
or HIST 1823	or World History 1500 to Present (H)	
General Education courses		7
<b>Hours</b>		<b>16</b>
<b>Sophomore</b>		
<b>Fall</b>		
HIST 1623	Western Civilization after 1500 (H)	3
or HIST 1613	or Western Civilization to 1500 (H)	
or HIST 1713	or Survey of Eastern Civilization (H)	
or HIST 1813	or World History from Ancient Times to 1500 (H)	
or HIST 1823	or World History 1500 to Present (H)	
1713 First Semester Foreign Language		3
General Education courses		9
<b>Hours</b>		<b>15</b>
<b>Spring</b>		
HIST 3903	Introduction to the Study of History	3
2000-level HIST course		3
1813 Second Semester Foreign Language		3
College and Elective courses		6
<b>Hours</b>		<b>15</b>
<b>Junior</b>		
<b>Fall</b>		
2000-level Foreign Language		3
Major, College, and Elective courses		12
<b>Hours</b>		<b>15</b>
<b>Spring</b>		
Major, College, and Elective courses		15
<b>Hours</b>		<b>15</b>
<b>Senior</b>		
<b>Fall</b>		
Major, College, and Elective courses		15
<b>Hours</b>		<b>15</b>
<b>Spring</b>		
HIST 4903	Senior Seminar	3
or HIST 4993	or Senior Honors Thesis	
Major, College, and Elective courses		12
<b>Hours</b>		<b>15</b>
<b>Total Hours</b>		<b>120</b>

## History: Pre-Law, BA

### Degree Requirements

**Requirements for Students Matriculating in or before Academic Year 2022-2023.** Learn more about University Academic Regulation 3.1 (p. 943).

**Minimum Overall Grade Point Average:** 2.00

**Total Hours:** 120

Code	Title	Hours
<b>General Education Requirements</b>		
<i>English Composition</i>		
See Academic Regulation 3.5 (p. 944)		
ENGL 1113 or ENGL 1313	Composition I Critical Analysis and Writing I	3
Select one of the following:		
ENGL 1213	Composition II	3
ENGL 1413	Critical Analysis and Writing II	3
ENGL 3323	Technical Writing	3
<i>American History &amp; Government</i>		
HIST 1103 or HIST 1483 or HIST 1493	Survey of American History American History to 1865 (H) American History Since 1865 (DH)	3
POLS 1113	American Government	3
<i>Analytical &amp; Quantitative Thought (A)</i>		
MATH or STAT course designated (A)		3
<i>Humanities (H)</i>		
Select one course from each group:		
Group 1:		
HIST 1613 or HIST 1713 or HIST 1813	Western Civilization to 1500 (H) Survey of Eastern Civilization (H) World History from Ancient Times to 1500 (H)	3
Group 2:		
HIST 1623 or HIST 1823	Western Civilization after 1500 (H) World History 1500 to Present (H)	3
<i>Natural Sciences (N)</i>		
Must include one Laboratory Science (L) course		
Course designated (N)		6
<i>Social &amp; Behavioral Sciences (S)</i>		
SPCH 2713	Introduction to Speech Communication (S)	3
<i>Additional General Education</i>		
Courses designated (A), (H), (N), or (S)		10
<b>Hours Subtotal</b>		<b>40</b>
<b>Diversity (D) &amp; International Dimension (I)</b>		
May be completed in any part of the degree plan		
Select at least one Diversity (D) course		
Select at least one International Dimension (I) course		
<b>College/Departmental Requirements</b>		
<i>First Year Seminar</i>		
(Transfer students with 15 hours exempt)		1
<i>Arts &amp; Humanities</i>		
9 hours non-History		9

#### Natural & Mathematical Sciences

See note 2.b.		
PHIL 1313	Logic and Critical Thinking (A)	3
<i>Foreign Language</i>		
See note 3		9
<i>Non-Western Studies</i>		
Select at least one course		
See note 2.d.		
<i>Upper-Division General Education</i>		
Select 6 hours outside major department		
See note 2.c.		
<b>Hours Subtotal</b>		<b>22</b>

#### Major Requirements

Minimum GPA 2.50. Minimum grade of "C" in all U/D HIST courses		
HIST 3903	Introduction to the Study of History	3
HIST 4903 or HIST 4993	Senior Seminar Senior Honors Thesis	3
30 hours to include at least 2 courses (6 hours) from each of the 3 areas below. Only 3 hours may be 2000-level.		30
HIST 3980 Studies in History, and HIST 4980 Topics in History (9 hours maximum) or HIST 4993 Senior Honors Thesis may be substituted in one or more of the areas with consent of advisor.		

#### American History

HIST 2023	History of the Present (H) <sup>1</sup>	
HIST 2333	American Thought and Culture: Survey (H)	
HIST 2343	Religion in America (DH)	
HIST 3093	Historical Geography of North America to 1800 (H)	
HIST 3703	Oklahoma History (DH)	
HIST 3133	African Diaspora History (DH)	
HIST 3333	History of the Second World War (HI) <sup>1</sup>	
HIST 3593	Introduction to Museum and Cultural Studies (H)	
HIST 3613	American Colonial Period to 1750 (H)	
HIST 3623	Era of the American Revolution (H)	
HIST 3633	Early National Period, 1787-1828 (H)	
HIST 3643	Antebellum America, 1828-1850 (H)	
HIST 3653	Civil War and Reconstruction, 1850-1877	
HIST 3663	U.S History 1877-1919 (H)	
HIST 3673	United States History, 1919-45 (DH)	
HIST 3683	United States History Since 1945 (DH)	
HIST 3693	The Modern West (H)	
HIST 3713	Women in the American West (DH)	
HIST 3753	Trans-Mississippi West (DH)	
HIST 3763	American Southwest (DH)	
HIST 3773	Old South (S)	
HIST 3793	Native American History (DH)	
HIST 3803	History of Food (H) <sup>1</sup>	
HIST 3843	War and Memory in America (H)	
HIST 3853	History of the North American Borderlands (DH)	
HIST 3863	Disability in America (DH)	

HIST 4033	Introduction to Public History (H)	HIST 3963	Ideas and Ideologies in Modern Europe (H)
HIST 4063	Historic Preservation <sup>1</sup>	HIST 4403	Sorcerers, Saints and Heretics: Religion in the Medieval World (H)
HIST 4073	Digital Methods in History <sup>1</sup>	HIST 4413	Sex and Gender in the Medieval World (H)
HIST 4093	Oral History: Theory and Methodology	HIST 4433	From Assassin's Creed to Witcher: Medievalism in the 21st Century World (H)
HIST 4103	Historical Geography of the United States (H)	<i>World History</i>	
HIST 4153	African American History, 1619-1865 (DH)	HIST 2513	Plantation to Plate: Sugar, Bananas, and Coffee in America (H)
HIST 4163	African American History, 1865-Present (DH)	HIST 3013	Ancient Egypt and Israel (H)
HIST 4173	Black Intellectual History (DH)	HIST 3043	Ancient Mesopotamia: Iraq, Iran & Syria from 4000-333 B.C. (H)
HIST 4253	U.S. Foreign Relations to 1945 (H)	HIST 3053	Introduction to Central Asia Studies (IS)
HIST 4273	U.S. Foreign Relations Since 1945 (H)	HIST 3123	The History of Modern Africa (HI)
HIST 4333	History of Sexuality in the United States (D)	HIST 3203	The Medieval World, 500-1500 (H)
HIST 4353	American Military History (H)	HIST 3303	Nations on the Move: Latin American Migration and Latinx Communities in the US (DH)
HIST 4363	US History through Popular and Unpopular Music (DH)	HIST 3403	East Asia to 1800 (H)
HIST 4453	History and Film (H) <sup>1</sup>	HIST 3413	East Asia Since 1800 (HI)
HIST 4463	American Cultural History to 1865 (H)	HIST 3423	Modern Japan (HI)
HIST 4483	American Cultural History Since 1865 (H)	HIST 3433	Modern China (HI)
HIST 4493	Frontier in American Memory (H)	HIST 3443	Gender Relations in Chinese History (H)
HIST 4503	American Urban History (H)	HIST 3453	Colonial Latin America (H)
HIST 4513	Economic History of the US (S)	HIST 3463	Modern Latin America (HI)
HIST 4523	American Environmental History (H)	HIST 3503	Medieval Islamic History (H)
HIST 4543	Vietnam War (HI) <sup>1</sup>	HIST 3513	Modern Middle East (HI)
HIST 4553	Gender in America (DH)	HIST 3523	History of Modern India and South Asia (HI)
HIST 4563	Cold War (HI) <sup>1</sup>	HIST 3543	Israel & Palestine in Modern Times (HI)
HIST 4593	America in International Perspective (H) <sup>1</sup>	HIST 3573	The Mongol Empire (H)
<i>European History</i>		HIST 3583	Minorities and Diversity in the Middle East (H)
HIST 3023	Ancient Greece (H)	HIST 4883	History of Modern Southeast Asia (HI)
HIST 3033	Ancient Rome: The Republic (H)	Select 12 hours of the following upper-division law-related courses: 12	
HIST 3113	Germany Since 1815 (HI)	AGEC 3713	Agricultural Law
HIST 3153	Russia to 1861 (H)	AMST 3333	Crime, Law and American Culture (S)
HIST 3163	Russia Since 1861 (HI)	ECON 3713	Introduction to Industrial Organization
HIST 3233	Late Medieval World, 1000-1450 (H)	PHIL 3003	Symbolic Logic (A)
HIST 3243	Renaissance, 1350-1517 (H)	POLS 3033	International Law
HIST 3253	Absolutism and Enlightenment, 1648-1789	POLS 3963	State Courts and the Bar
HIST 3263	Modern Europe, 1815-1914 (H)	POLS 3983	Courts and Judicial Process (S)
HIST 3273	Modern Europe Since 1914 (HI)	POLS 3993	Legal Research And Analysis
HIST 3323	Modern France, 1789-Present (HI)	POLS 4363	Environmental Law And Policy
HIST 3343	World War I in Modern European Culture (HI)	PSYC 4143	Psychology and Law
HIST 3353	Mediterranean World	SOC 3523	Juvenile Delinquency (DS)
HIST 3363	Popular Religion in the West, 1300-1700 (H)	SOC 4313	Sociology of Law
HIST 3373	Invasion and Identity: The Medieval English World: 700-1400 (H)	others with consent of advisor	
HIST 3383	Tudor-Stuart England (H)	<b>Hours Subtotal 48</b>	
HIST 3393	Modern England: 1714-Present (H)	<b>Electives</b>	
HIST 3473	British Empire and Commonwealth of Nations (H)	Select 10 hours 10	
HIST 3483	Reformation Europe, 1517-1648 (H)	May need to include 6 hours upper-division general education outside major department (see note 2.c.)	
HIST 3493	Scandinavia Since 1500 (HI)		
HIST 3913	History of Medicine (H) <sup>1</sup>		
HIST 3953	Religion in Modern Europe		

Recommended courses:

ECON 2103	Introduction to Microeconomics (S)	
or POLS 2023	The Individual And The Law	
<b>Hours Subtotal</b>		<b>10</b>
<b>Total Hours</b>		<b>120</b>

## Other Requirements

- See the College of Arts and Sciences Requirements.
- **Upper-Division Credit:** Total hours must include at least 40 hours in courses numbered 3000 or above.
- **Hours in One Department:** For B.A. and B.S. degrees, no more than 54 hours in one department may be applied to degree requirements.

## College of Arts and Sciences Requirements

### 1. General Education Requirements

No more than two courses (or eight hours) from the major department (<http://catalog.okstate.edu/college-arts-sciences-major-departments/>) may be used to meet General Education and College and Departmental Requirements. The General Education required English Composition, required U.S. History, required American Government, one required MATH or STAT course, and required foreign language for B.A. degrees do not count against the two-course maximum.

### 2. A&S College/Departmental Requirements

- Arts and Humanities are defined as any course carrying an (H) designation or courses from AMST, ART, DANC, ENGL (except ENGL 3323 Technical Writing) HIST, MUSI, PHIL (except PHIL 1313 Logic and Critical Thinking (A), PHIL 3003 Symbolic Logic (A) and PHIL 4003 Mathematical Logic and Computability), REL, TH, and foreign languages.
  - Natural and Mathematical Sciences are defined as any course from the following prefixes: ASTR, BIOC, BIOL, CHEM, CS (except CS 4883 Social Issues in Computing), GEOL, MATH, MICR, PBIO, PHYS, and STAT; or courses from other departments that carry an (A) or (N) general education designation.
  - The required six hours of upper-division General Education may not include courses from the student's major department. This requirement may be satisfied by courses also used to satisfy any part of a student's degree program (i.e., in General Education, College Departmental Requirements, Major Requirements or Electives).
  - Non-Western Studies Requirement for B.A. and B.F.A.; One 3-hour course in Non-Western Studies (N.W.). This requirement may be satisfied by courses also used to satisfy any part of a student's degree program (i.e., in General Education, College Departmental Requirements, Major Requirements or Electives).
  - The College of Arts & Sciences requires a minimum 2.0 GPA in all major requirements and a minimum 2.0 GPA in all major-prefix courses applied to the degree.
- ### 3. Foreign Language Proficiency
- The foreign language requirement for the B.A. may be satisfied by 9 hours college credit in the same language, which must include 3 hours at the 2000-level, or equivalent proficiency (e.g., passing an advanced standing examination; TOEFL exam; presenting a high school transcript which demonstrates the high school was primarily conducted in a language other than English; etc.). Computer Science courses may not be used to satisfy this

requirement. Currently Arabic and Mvskoke are not offered at the 2000-level at OSU.

- The foreign language requirement for the B.S., B.M. and B.F.A. may be satisfied by presenting a high school transcript which demonstrates two years of study of a single foreign language (passing grades at second-year level of study). It may also be satisfied by 6 hours college credit in the same language, which must include language courses 1713 and 1813, or equivalent proficiency (e.g., passing an advanced standing examination; TOEFL exam; presenting a high school transcript which demonstrates the high school was primarily conducted in a language other than English; etc.). Computer Science courses may not be used to satisfy this requirement.
  - In addition to a. and b., students pursuing teacher certification must meet novice-high foreign language proficiency by presenting a high school transcript which demonstrates two years of study of a single foreign language with no grade below B. Or, students may complete 3 hours college credit in a single language with no grade below C (or pass an advanced standing examination, College Level Examination Program (CLEP) exam, or Oral Proficiency Interview developed by the American Council on the Teaching of Foreign Languages, equivalent to 3 hours of college credit.) Or, students may meet the requirement by transfer of documentation of meeting the foreign language competency from one of the teacher education programs in the State of Oklahoma approved by the Oklahoma State Regents for Higher Education.
- ### 4. Exclusions
- Courses used to satisfy the General Education English Composition, U.S. History, American Government, and Mathematics or Statistics requirements will not count toward the 54-hour maximum allowed from one department.
  - Courses with ATHL or LEIS prefixes and leisure activity courses may not be used for degree credit.

## Additional State/OSU Requirements

- At least: 60 hours at a four-year institution; 30 hours completed at OSU; 15 of the final 30 or 50% of the upper-division hours in the major field completed at OSU.
- Limit of: one-half of major course requirements as transfer work; one-fourth of hours earned by correspondence; 8 transfer correspondence hours.
- Students will be held responsible for degree requirements in effect at the time of matriculation and any changes that are made, so long as these changes do not result in semester credit hours being added or do not delay graduation.
- Degrees that follow this plan must be completed by the end of Summer 2028.

## Example Plan of Study

### Finish in Four Plan of Study

The plan below is an **example** of how students can successfully complete degree requirements in four years. This suggested class schedule plan may be used as a guide and can be adjusted based on individual needs. Students are required to meet with an academic advisor prior to enrollment each semester to plan their class schedule, and students are ultimately responsible for completing all degree requirements.

Course	Title	Hours
<b>Freshman</b>		
<b>Fall</b>		
ENGL 1113	Composition I	3
HIST 1493 or HIST 1483 or HIST 1103	American History Since 1865 (DH) or American History to 1865 (H) or Survey of American History	3
General Education courses		8
<b>Hours</b>		<b>14</b>
<b>Spring</b>		
ENGL 1213	Composition II	3
POLS 1113	American Government	3
HIST 1613 or HIST 1623 or HIST 1713 or HIST 1813 or HIST 1823	Western Civilization to 1500 (H) or Western Civilization after 1500 (H) or Survey of Eastern Civilization (H) or World History from Ancient Times to 1500 (H) or World History 1500 to Present (H)	3
General Education courses		7
<b>Hours</b>		<b>16</b>
<b>Sophomore</b>		
<b>Fall</b>		
HIST 1623 or HIST 1613 or HIST 1713 or HIST 1813 or HIST 1823	Western Civilization after 1500 (H) or Western Civilization to 1500 (H) or Survey of Eastern Civilization (H) or World History from Ancient Times to 1500 (H) or World History 1500 to Present (H)	3
1713 First Semester Foreign Language		3
PHIL 1313	Logic and Critical Thinking (A)	3
General Education courses		6
<b>Hours</b>		<b>15</b>
<b>Spring</b>		
HIST 3903	Introduction to the Study of History	3
2000-level HIST course		3
1813 Second Semester Foreign Language		3
College and Elective courses		6
<b>Hours</b>		<b>15</b>
<b>Junior</b>		
<b>Fall</b>		
2000-level Foreign Language		3
Major, College, and Elective courses		12
<b>Hours</b>		<b>15</b>
<b>Spring</b>		
Major, College, and Elective courses		15
<b>Hours</b>		<b>15</b>
<b>Senior</b>		
<b>Fall</b>		
Major, College, and Elective courses		15
<b>Hours</b>		<b>15</b>
<b>Spring</b>		
HIST 4903 or HIST 4993	Senior Seminar or Senior Honors Thesis	3
Major, College, and Elective courses		12
<b>Hours</b>		<b>15</b>
<b>Total Hours</b>		<b>120</b>



## Integrative Biology

The Department of Integrative Biology offers BS degree programs in biology, physiology, and zoology.

The undergraduate degree in biology is appropriate for students wanting to obtain a broad background in the life sciences. Students complete coursework in animal, plant and microbial biology, genetics, ecology, physiology, and evolution. This degree meets the requirements for admission to graduate and professional schools and also prepares students for a broad range of biology-related employment opportunities. Students who choose this degree can also select options in allied health, environmental biology, pre-medical sciences, or secondary teacher certification.

The undergraduate degree in physiology offers specialized coursework as preparation for graduate school or a medically-related professional school. The bachelor's degree in physiology requires courses in biology, genetics, microbiology, comparative anatomy, biochemistry, physics, and chemistry. The mammalian physiology lecture and lab sequence provides a unique capstone experience. Students may also choose to pursue an option in pre-medical sciences.

The curriculum in zoology is designed to provide a thorough background in the biology of animals and prepares students for graduate school and many applied and professional careers. The zoology degree requires courses in ecology, evolution, genetics, and vertebrate and invertebrate zoology. Students participate in unique research experiences and/or internships and develop a good foundation in the related fields of chemistry, physics, and mathematics. Options with the zoology degree include ecology and conservation biology, pre-medical sciences, pre-veterinary science, and secondary teacher certification.

## Courses

### BIOL 1111 Introductory Biology Laboratory (LN)

**Prerequisites:** BIOL 1113 or concurrent.

**Description:** Provides students with authentic research experiences in which they design, conduct, and report on the results of extended investigations over topics introduced in BIOL 1113. Recommended for science and non-science majors.

**Credit hours:** 1

**Contact hours:** Lab: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lab

**Department/School:** Integrative Biology

**General Education and other Course Attributes:** Scientific Investigation, Natural Sciences

### BIOL 1113 Introductory Biology (N)

**Description:** Introduction to the integration between structure and function among all levels of biological organization. Application of principles of evolution, genetics, physiology and ecology to understanding the integrated and interdependent nature of living systems through discussions emphasizing the process of science. Discussions include current issues, local research, observations, and investigations. Recommended for science and non-science majors. Concurrent enrollment in BIOL 1111 Introductory Biology Laboratory is highly recommended. May not be used for degree credit with BIOL 1114.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Integrative Biology

**General Education and other Course Attributes:** Natural Sciences

### BIOL 1114 Introductory Biology (LN)

**Description:** Introduction to the integration between structure and function among all levels of biological organization. Application of principles of evolution, genetics, physiology and ecology to understanding the integrated and interdependent nature of living systems through discussions emphasizing the process of science. Current issues and local research and observation and investigation in both lecture and lab. Recommended for non-science and science majors. Course previously offered as BISC 1114.

**Credit hours:** 4

**Contact hours:** Lecture: 3 Lab: 3 Contact: 6

**Levels:** Undergraduate

**Schedule types:** Lab, Lecture, Combined lecture and lab

**Department/School:** Integrative Biology

**General Education and other Course Attributes:** Scientific Investigation, Natural Sciences

### BIOL 1604 Animal Biology

**Prerequisites:** BIOL 1114 or (BIOL 1113 and BIOL 1111).

**Description:** Morphology, physiology, ecology, life histories and importance of representatives of major groups to humans. Evolution of systems and mechanisms which have allowed animals to survive and adapt to diverse habitats. Previously offered as ZOO 1604.

**Credit hours:** 4

**Contact hours:** Lecture: 3 Lab: 2 Contact: 5

**Levels:** Undergraduate

**Schedule types:** Lab, Lecture, Combined lecture and lab

**Department/School:** Integrative Biology

### BIOL 2003 Biology for the Informed Citizen (N)

**Description:** This course teaches students how to find reliable answers to biological questions and arrive at informed decisions in their everyday lives. The course will use current issues (e.g., cancer, pollution) to convey fundamental biological concepts. Performance will be assessed via exams, and students will complete a small independent research project on a topic of their choice for a hands-on experience of the scientific process (study design to presentation). Brief lectures interspersed with short discussions or documentaries encompass a typical class meeting. Not an alternative to Introductory Biology.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Integrative Biology

**General Education and other Course Attributes:** Natural Sciences

**BIOL 2890 Honors Experience in Integrative Biology**

**Prerequisites:** Honors Program participation and concurrent enrollment in a designated BIOL course.

**Description:** A supplemental Honors experience in Integrative Biology to partner concurrently with designated BIOL course(s). This course adds a different intellectual dimension to the designated course(s). Offered for fixed credit, 1 credit hour, maximum of 6 credit hours.

**Credit hours:** 1

**Contact hours:** Lecture: 1 Contact: 1

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Integrative Biology

**General Education and other Course Attributes:** Honors Credit

**BIOL 3023 General Genetics**

**Prerequisites:** "C" or better in CHEM 3013 or CHEM 3053 or MICR 2123 or MICR 3033 or P BIO 2403.

**Description:** Inheritance in plants, animals, and microorganisms; molecular and classical aspects. Previously offered as BIOL 3024 and BISC 3024.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Integrative Biology

**BIOL 3034 General Ecology**

**Prerequisites:** BIOL 1114 or (BIOL 1113 and BIOL 1111) or equivalent and (P BIO 1404 or BIOL 1604 or equivalent) and (MATH 1513, MATH 1613, MATH 1715, MATH 1813 or MATH 2144).

**Description:** An overview of the study of organisms interacting with each other and their environment at individual, population, community, and ecosystem levels of organization. Includes human interaction with ecological systems.

**Credit hours:** 4

**Contact hours:** Lecture: 3 Lab: 3 Contact: 6

**Levels:** Undergraduate

**Schedule types:** Lab, Lecture, Combined lecture and lab

**Department/School:** Integrative Biology

**BIOL 3053 Freshwater: Concepts, Threats and Management (N)**

**Description:** Freshwater is a critical, non-substitutable resource. Do we have enough? How are we going to manage it? This course will introduce non-biology majors to the concepts, threats, and policy relevant to freshwaters using information published in the popular science press. Issues directly relevant to Oklahoma, and the U.S. will be discussed. Debates modeled using the legal system of policy formulation will promote critical thought and communication skills in an exciting real-world milieu. ZOO and PHSL majors may count as elective hours only. Previously offered as ZOO 3023.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Integrative Biology

**General Education and other Course Attributes:** Natural Sciences

**BIOL 3104 Invertebrate Zoology**

**Prerequisites:** BIOL 1604.

**Description:** Morphology, physiology, reproduction and ecology of major invertebrate groups. Previously offered as ZOO 3104.

**Credit hours:** 4

**Contact hours:** Lecture: 3 Lab: 3 Contact: 6

**Levels:** Undergraduate

**Schedule types:** Lab, Lecture, Combined lecture and lab

**Department/School:** Integrative Biology

**BIOL 3113 Human Evolution (N)**

**Prerequisites:** BIOL 1114 or (BIOL 1113 and BIOL 1111) strongly recommended.

**Description:** Overview of how evolution shapes human biology. Topics include evolutionary mechanisms, human genetic variation and health, primate diversity, the fossil record, and the origins, dispersal, and behavior of anatomically modern humans. ZOO and PHSL majors may count as elective hours only. Previously offered as ZOO 3113.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Integrative Biology

**General Education and other Course Attributes:** Natural Sciences

**BIOL 3114 Vertebrate Zoology**

**Prerequisites:** BIOL 1604.

**Description:** Comparative morphology of representative vertebrates with emphasis on phylogeny and ontogeny and consideration of histology and function. Previously offered as ZOO 3114.

**Credit hours:** 4

**Contact hours:** Lecture: 3 Lab: 3 Contact: 6

**Levels:** Undergraduate

**Schedule types:** Lab, Lecture, Combined lecture and lab

**Department/School:** Integrative Biology

**BIOL 3123 Human Heredity (N)**

**Description:** The impact of genetics on human endeavor. Not recommended for students with prior credit in BIOL 3023. BIO, PHSL and ZOO majors may count as elective hours only. Previously offered as ZOO 3123.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Integrative Biology

**General Education and other Course Attributes:** Natural Sciences

**BIOL 3153 Animal Behavior**

**Prerequisites:** Junior standing.

**Description:** Survey of theory and application in basic and applied animal behavior. Interdisciplinary analysis of animal behavior in the field, captive settings and laboratories. Previously offered as ZOO 3153.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Integrative Biology

**BIOL 3163 Environmental Biology**

**Prerequisites:** BIOL 1114 or (BIOL 1113 and BIOL 1111) and (CHEM 1215 or CHEM 1314).

**Description:** Overview of how organisms are influenced by the environment in which they live and how anthropogenic activities impact their environment. Topics include impacts of disturbing energy and material cycles, toxicological disease, and infectious disease. Previously offered as ZOOL 3163.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Integrative Biology

**BIOL 3204 Physiology**

**Prerequisites:** "C" or better in both BIOL 1114 or (BIOL 1113 and BIOL 1111) and (CHEM 1215 or CHEM 1314 or CHEM 1414).

**Description:** Anatomy and function of the human body. Human and domestic animal physiology considered in laboratories. Previously offered as ZOOL 3204.

**Credit hours:** 4

**Contact hours:** Lecture: 3 Lab: 2 Contact: 5

**Levels:** Undergraduate

**Schedule types:** Lab, Lecture, Combined lecture and lab

**Department/School:** Integrative Biology

**BIOL 3214 Human Anatomy**

**Prerequisites:** "C" or better in either BIOL 1604 or BIOL 3204.

**Description:** Gross anatomy of the human body and its systems with a minor emphasis on histology. Laboratory based on human models and comparisons with dissections of nonhuman mammals. Previously offered as ZOOL 3214.

**Credit hours:** 4

**Contact hours:** Lecture: 3 Lab: 3 Contact: 6

**Levels:** Undergraduate

**Schedule types:** Lab, Lecture, Combined lecture and lab

**Department/School:** Integrative Biology

**BIOL 3233 Human Reproduction**

**Prerequisites:** BIOL 1114 or (BIOL 1113 and BIOL 1111) or consent of instructor.

**Description:** Overview of human reproduction, including conception, pregnancy, childbirth, sexual maturation, and parental investment in offspring. Draws from multiple fields such as genetics, anatomy and physiology, developmental biology and evolutionary theory. Previously offered as ZOOL 3233.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Integrative Biology

**BIOL 3513 Principles of Conservation Biology**

**Prerequisites:** Sophomore standing and BIOL 1604 or PBIO 1404.

**Description:** A scientific foundation of conservation biology through the study of the importance of conservation in society, the role of conservation policy, protected areas, and planning, and the future of conservation biology. Topics covered include Ecology, Evolution, and Genetics. Previously offered as ZOOL 3513.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Integrative Biology

**BIOL 3604 Biological Principles for Teachers**

**Prerequisites:** BIOL 1114 or (BIOL 1113 and BIOL 1111) and BIOL 3204 and CHEM 1314.

**Description:** Capstone course in biology for potential science teachers. Review of biological phenomena and principles as related to the curriculum. Course previously offered as BISC 3604.

**Credit hours:** 4

**Contact hours:** Lecture: 4 Contact: 4

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Integrative Biology

**BIOL 3700 Readings and Special Studies in Integrative Biology**

**Prerequisites:** BIOL 1604 and consent of instructor.

**Description:** Discussion of selected readings. Previously offered as ZOOL 3700. Offered for variable credit, 1-3 credit hours, maximum of 6 credit hours.

**Credit hours:** 1-3

**Contact hours:** Contact: 1-3 Other: 1-3

**Levels:** Undergraduate

**Schedule types:** Discussion

**Department/School:** Integrative Biology

**BIOL 3890 Advanced Honors Experience in Integrative Biology**

**Prerequisites:** Honors Program participation and concurrent enrollment in a designated BIOL course.

**Description:** A supplemental Honors experience in Integrative Biology to partner concurrently with designated upper-division BIOL course(s). This course adds a different intellectual dimension to the designated course(s). Offered for fixed credit, 1 credit hour, maximum of 6 credit hours.

**Credit hours:** 1

**Contact hours:** Lecture: 1 Contact: 1

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Integrative Biology

**General Education and other Course Attributes:** Honors Credit

**BIOL 3933 Research Methods**

**Prerequisites:** BIOL 1114 or (BIOL 1113 and BIOL 1111) and (MATH 1613 or higher) and (STAT 2013 or STAT 4013).

**Description:** Students perform independent inquiries and learn to use skills from science to solve research problems. Students will design experiments, collect and analyze data, formulate hypotheses, justify conclusions, create models, read and evaluate the research literature, and write and present research reports.

**Credit hours:** 3

**Contact hours:** Lecture: 2 Lab: 2 Contact: 4

**Levels:** Undergraduate

**Schedule types:** Lab, Lecture, Combined lecture and lab

**Department/School:** Integrative Biology

**BIOL 4024 Histology**

**Prerequisites:** BIOL 3114, BIOL 3204, or BIOL 3214.

**Description:** The study of cellular composition and functional components of tissues. With an emphasis in vertebrates, the course is a survey of the microanatomy and function of tissues such as epithelial, connective, muscular, and nervous. May not be used for degree credit with BIOL 5024.

**Credit hours:** 4

**Contact hours:** Lecture: 3 Lab: 2 Contact: 5

**Levels:** Undergraduate

**Schedule types:** Lab, Lecture, Combined lecture and lab

**Department/School:** Integrative Biology

**BIOL 4073 Principles of Neuroscience**

**Prerequisites:** BIOL 1114 or (BIOL 1113 and BIOL 1111) and either (CHEM 1215, CHEM 1314, or CHEM 1414).

**Description:** Neuroscience is an interdisciplinary field focused on understanding the structure and function of the brain, spinal cord, and peripheral nervous system. This course examines foundational theories and principles related to the neural mechanisms controlling physiological processes and behavior. Topics covered include cellular neurobiology, neuronal signaling, neural development and plasticity, comparative neuroanatomy, and neurobiology of complex brain functions such as sensory processing, arousal, emotions, learning, and memory. Previous coursework in physiology recommended. Same course as PSYC 4073. May not be used for degree credit with BIOL 5073 or PSYC 5073.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Integrative Biology

**BIOL 4104 General Parasitology**

**Prerequisites:** BIOL 1604.

**Description:** Fundamentals of parasitism with emphasis on: life cycles, disease conditions, epidemiology, diagnosis, treatment, historical significance, terminology, taxonomy, and parasitological techniques. Previously offered as ZOO 4104. May not be used for degree credit with BIOL 5104.

**Credit hours:** 4

**Contact hours:** Lecture: 3 Lab: 3 Contact: 6

**Levels:** Undergraduate

**Schedule types:** Lab, Lecture, Combined lecture and lab

**Department/School:** Integrative Biology

**BIOL 4113 Conservation Genetics**

**Prerequisites:** (BIOL 3023 or equivalent) and MATH 1513.

**Description:** Principles of population genetics as they pertain to issues in conservation biology. Evolutionary relationships, hybridization, natural selection, factors affecting small populations, gene flow, captive populations, and metapopulations. No credit for students with credit in BIOL 5113. Previously offered as ZOO 4113.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Integrative Biology

**BIOL 4133 Evolution**

**Prerequisites:** BIOL 3023.

**Description:** Development of the evolutionary concept; speciation evolutionary mechanisms and phylogenetic concepts. May not be used for degree credit with BIOL 5033. Previously offered as ZOO 4133.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Integrative Biology

**BIOL 4134 Embryology**

**Prerequisites:** BIOL 1604 and CHEM 1515.

**Description:** Biochemical basis of development with emphasis on gene regulation. Comparative development of sea urchin, frog, chick and pig. Experiments using frog and mouse, including the molecular level. Previously offered as ZOO 4134. May not be used for degree credit with BIOL 5134.

**Credit hours:** 4

**Contact hours:** Lecture: 3 Lab: 2 Contact: 5

**Levels:** Undergraduate

**Schedule types:** Lab, Lecture, Combined lecture and lab

**Department/School:** Integrative Biology

**BIOL 4174 Mammalogy**

**Prerequisites:** "C" or better in BIOL 1604 and (BIOL 3034 or NREM 3013).

**Description:** Taxonomy, identification, evolution, zoogeography, life history traits, and techniques of study of wild mammals. Weekend field trips required. May not be used for degree credit with BIOL 5174. Previously offered as ZOO 4174.

**Credit hours:** 4

**Contact hours:** Lecture: 3 Lab: 3 Contact: 6

**Levels:** Undergraduate

**Schedule types:** Lab, Lecture, Combined lecture and lab

**Department/School:** Integrative Biology

**BIOL 4184 Herpetology**

**Prerequisites:** BIOL 1604.

**Description:** The biology of amphibians and reptiles with an emphasis on evolutionary relationships and comparative morphology, physiology, ecology, and natural history; laboratory emphasis on Oklahoma species. Offered spring semester of even-numbered years. Weekend field trips required. May not be used for degree credit with BIOL 5184.

**Credit hours:** 4

**Contact hours:** Lecture: 3 Lab: 2 Contact: 5

**Levels:** Undergraduate

**Schedule types:** Lab, Lecture, Combined lecture and lab

**Department/School:** Integrative Biology

**BIOL 4215 Mammalian Physiology**

**Prerequisites:** "C" or better in both BIOL 3204 and (CHEM 3013 or CHEM 3053).

**Description:** Descriptive and functional analysis of the mammalian nervous, cardiovascular, musculoskeletal, respiratory, renal, endocrine, and digestive organ systems. For majors in human and animal sciences, particularly pre-medical, pre-dental, and pre-veterinary tracks. May not be used for degree credit with BIOL 5215. Previously offered as ZOO 4215.

**Credit hours:** 5

**Contact hours:** Lecture: 5 Contact: 5

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Integrative Biology

**BIOL 4223 Mammalian Physiology Capstone Laboratory**

**Prerequisites:** "C" or better in BIOL 4215 or ZOO 4215.

**Description:** Laboratory experiments that illustrate functions of organs, organ systems or mechanisms of whole body physiological control. A unique Capstone Experience for Physiology majors. Restricted to declared Physiology majors in the Department of Integrative Biology. Previously offered as ZOO 4223.

**Credit hours:** 3

**Contact hours:** Lecture: 1 Lab: 4 Contact: 5

**Levels:** Undergraduate

**Schedule types:** Lab, Lecture, Combined lecture and lab

**Department/School:** Integrative Biology

**BIOL 4253 Pharmacology**

**Prerequisites:** "C" or better in either BIOL 3204 or BIOL 4215; Biochemistry strongly suggested.

**Description:** Major drug classes based on their predominant use or principal activity in the body; basis for drug action; and modification of drugs and their action by physiological processes. May not be used for degree credit with BIOL 5253. Previously offered as ZOO 4243 and BIOL 4243.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Integrative Biology

**BIOL 4273 Environmental Physiology**

**Prerequisites:** BIOL 3204 or BIOL 4215.

**Description:** The study of animal adaptation and responses to natural environments. Topics include marine, shoreline, freshwater, and terrestrial habitats as well as anthropogenic problems specific to these habitats. No credit for students with credit in BIOL 5273. Previously offered as ZOO 4273.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Integrative Biology

**BIOL 4283 Endocrinology**

**Prerequisites:** "C" or better in (BIOL 3204 or BIOL 4215) and credit in (CHEM 3013 or CHEM 3053 or consent of instructor).

**Description:** Examination of the hormonal control and regulation of physiological processes in vertebrates. Function of the hypothalamus, pituitary, adrenal, thyroid, pancreas, ovary and testes. May not be used for degree credit with BIOL 5283. Previously offered as ZOO 4283.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Integrative Biology

**BIOL 4293 Behavioral Neuroendocrinology**

**Prerequisites:** BIOL 3204 or BIOL 4215.

**Description:** Examination of the influences of nervous and endocrine systems on behavior, and vice-versa, in vertebrates, including humans. Historical roots and current techniques relating to topics, including male and female reproductive behavior patterns, sex differences in behavior and neuroendocrine causation. No credit for students with credit in BIOL 5293. Previously offered as ZOO 4293.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Integrative Biology

**BIOL 4303 Organismal Ecotoxicology**

**Prerequisites:** Junior standing and BIOL 1114 or (BIOL 1113 and BIOL 1111) or equivalent and (CHEM 1215 or CHEM 1314).

**Description:** Comparative study of the major groups of environmental contaminants (e.g. heavy metals, PCB's, insecticides) and an introduction to the basic theories, principles and techniques associated with the study of contaminant fate and effects on organisms. No credit for students with credit in BIOL 5303. Same course as BIOL 5303 and ITOX 5303. Previously offered as ZOO 4303.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Integrative Biology

**BIOL 4313 Animal Communication**

**Prerequisites:** Junior standing.

**Description:** Mechanisms, function and evolution of animal communication systems. Emphasis on the function of sensory systems, signal production mechanisms, theories of signal design and optimal signaling strategies, and current research on signaling behavior and its evolution in wild animals. A course in animal behavior or evolution recommended. May not be used for degree credit with BIOL 5313.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Integrative Biology

**BIOL 4363 Principles of Toxicology**

**Prerequisites:** BIOL 3204 and (CHEM 1215 or CHEM 1314).

**Description:** Basic concepts in toxicology such as chemical partitioning, dose response, toxicokinetics, toxicodynamics, and bioavailability. It will focus on the molecular and cellular mechanisms of toxicity of a few representative natural and man-made compounds. Case studies used to understand real-life scenarios. No credit for students with credit in BIOL 5363.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Integrative Biology

**BIOL 4413 Biology of Fishes**

**Prerequisites:** BIOL 1604.

**Description:** Ecology and evolution of fishes with particular emphasis on physiology, morphology, behavior, and taxonomy; laboratory emphasis on Oklahoma species. Weekend field trips required. May not be used for degree credit with BIOL 4413.

**Credit hours:** 3

**Contact hours:** Lecture: 2 Lab: 2 Contact: 4

**Levels:** Undergraduate

**Schedule types:** Lab, Lecture, Combined lecture and lab

**Department/School:** Integrative Biology



**BIOL 4434 Limnology****Prerequisites:** BIOL 3034 or (NREM 3012 and NREM 3013).**Description:** This course provides an overview of the physical, chemical, and biological characteristics of inland habitats including lakes, reservoirs, streams, and wetlands. Field trips required. May not be used for degree credit with BIOL 5434. Previously offered as ZOO 4434.**Credit hours:** 4**Contact hours:** Lecture: 3 Lab: 3 Contact: 6**Levels:** Undergraduate**Schedule types:** Lab, Lecture, Combined lecture and lab**Department/School:** Integrative Biology**Additional Fees:** BIOL Course Field Trip fee of \$48 applies.**BIOL 4464 Ornithology****Prerequisites:** BIOL 1604.**Description:** Classification, evolution, distribution, identification, life histories, and morphological, ecological, and behavioral adaptations of birds. Two weekend field trips required. Same course as NREM 4464. May not be used for degree credit with BIOL 5464 or NREM 5464. Previously offered as ZOO 4464.**Credit hours:** 4**Contact hours:** Lecture: 3 Lab: 3 Contact: 6**Levels:** Undergraduate**Schedule types:** Lab, Lecture, Combined lecture and lab**Department/School:** Integrative Biology**BIOL 4484 Animal Locomotion****Prerequisites:** BIOL 1604.**Description:** How do animals move? How does this motion change based on environment? How has such motion evolved across groups? This course will explore the relationship of body form to locomotion. We will focus on all types of animals, which represent a broad diversity of types of locomotion (e.g. flying, swimming, jumping), environments (e.g. air, land, water), and scales of body size (i.e. from single cells to whales). A laboratory will serve to introduce students to the methods and technology used in studying locomotion. May not be used for degree credit with BIOL 5484.**Credit hours:** 4**Contact hours:** Lecture: 3 Lab: 3 Contact: 6**Levels:** Undergraduate**Schedule types:** Lab, Lecture, Combined lecture and lab**Department/School:** Integrative Biology**BIOL 4524 Biological Laboratory Instrumentation****Prerequisites:** CHEM 1515 and PBIO 1404 or MICR 2123 or BIOL 1604 or equivalents or consent of instructor.**Description:** Lecture and laboratory course in biological instrumentation use, theory, experimental design, maintenance, and troubleshooting. Topics include liquid handling systems, pH/ISE meters, electrophoresis, spectrophotometers, centrifuges, chromatography, thermocyclers, and DNA sequencers. No credit for students with credit in BIOL 5524, MICR 5524, PBIO 5524. Same course as PBIO 4524 and MICR 4524.**Credit hours:** 4**Contact hours:** Lecture: 2 Lab: 4 Contact: 6**Levels:** Undergraduate**Schedule types:** Lab, Lecture, Combined lecture and lab**Department/School:** Integrative Biology**BIOL 4700 Undergraduate Research Problems****Prerequisites:** Consent of instructor.**Description:** Participation in faculty research or execution of a problem formulated by the student. Project will include the communication of research results in written and/or oral form. Previously offered as ZOO 4700. Offered for variable credit, 1-4 credit hours, maximum of 4 credit hours.**Credit hours:** 1-4**Contact hours:** Contact: 1-4 Other: 1-4**Levels:** Undergraduate**Schedule types:** Independent Study**Department/School:** Integrative Biology**BIOL 4710 Internships in Integrative Biology****Prerequisites:** Consent of instructor.**Description:** Student participation in a research project during an internship in a Life Sciences related professional work setting. Graded on a pass-fail basis. Previously offered as ZOO 4710. Offered for variable credit, 1-3 credit hours, maximum of 3 credit hours.**Credit hours:** 1-3**Contact hours:** Contact: 1-3 Other: 1-3**Levels:** Undergraduate**Schedule types:** Independent Study**Department/School:** Integrative Biology**BIOL 4730 Collaborative Research in Integrative Biology****Prerequisites:** BIOL 1604.**Description:** Small teams of students work closely with faculty to design, develop, implement, and present authentic research projects. Topics of research will vary each semester based on the research interests of faculty leading the course.**Credit hours:** 1-3**Contact hours:** Contact: 1-3 Other: 1-3**Levels:** Undergraduate**Schedule types:** Independent Study**Department/School:** Integrative Biology**BIOL 4750 Honors Study in Integrative Biology****Prerequisites:** Honors Program participation.**Description:** Individual study in the development of biological concepts. Extensive reading, literature search and special experimentation. An individual problems course for the gifted student. Previously offered as ZOO 4750. Offered for variable credit, 1-5 credit hours, maximum of 5 credit hours.**Credit hours:** 1-5**Contact hours:** Contact: 1-5 Other: 1-5**Levels:** Undergraduate**Schedule types:** Independent Study**Department/School:** Integrative Biology**General Education and other Course Attributes:** Honors Credit**BIOL 5000 Research for Master's Thesis****Description:** Independent research for the MS Thesis under the supervision of graduate faculty member. Previously offered as ZOO 5000. Offered for variable credit, 1-3 credit hours, maximum of 6 credit hours.**Credit hours:** 1-6**Contact hours:** Contact: 1-6 Other: 1-6**Levels:** Graduate**Schedule types:** Independent Study**Department/School:** Integrative Biology



**BIOL 5003 Graduate Orientation and Academic Development**

**Prerequisites:** Admission to Integrative Biology graduate program or instructor approval.

**Description:** Prepare first year Integrative Biology graduate students for success. We address departmental expectations and standards by providing: an introduction to departmental expertise and capabilities, exposure to available tools and resources, a forum for research conceptualization and formulation, instruction on finding and securing funding, guidance on how to convert questions into grant proposals, and a milieu for preparation, submission and peer review of external grant/fellowships. Previously offered as ZOO 5003.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Graduate

**Schedule types:** Lecture

**Department/School:** Integrative Biology

**BIOL 5010 Graduate Seminar**

**Description:** Discussion of selected topics. Previously offered as ZOO 5010. Offered for variable credit, 1-3 credit hours, maximum of 10 credit hours.

**Credit hours:** 1-3

**Contact hours:** Contact: 1-3 Other: 1-3

**Levels:** Graduate

**Schedule types:** Independent Study

**Department/School:** Integrative Biology

**BIOL 5011 Current, Historical, and Integrative Principles in Integrative Biology**

**Prerequisites:** Admission to Integrative Biology graduate program or instructor approval.

**Description:** This course will furnish fundamental concepts in ecology, evolution, and environmental stress for first-year graduate students in Integrative Biology (and related departments). More importantly, this course is organized as modules that bring together various elements from the three broadly defined, and fundamentally related disciplines (i.e., ecology, evolution, and environmental stress), that our department views as our core strengths. Previously offered as ZOO 5011.

**Credit hours:** 1

**Contact hours:** Lecture: 1 Contact: 1

**Levels:** Graduate

**Schedule types:** Lecture

**Department/School:** Integrative Biology

**BIOL 5020 Special Problems**

**Prerequisites:** Graduate standing and consent of instructor.

**Description:** Discussions of selected readings and topics. Previously offered as ZOO 5020. Offered for variable credit, 1-4 credit hours, maximum of 10 credit hours.

**Credit hours:** 1-4

**Contact hours:** Contact: 1-4 Other: 1-4

**Levels:** Graduate

**Schedule types:** Independent Study

**Department/School:** Integrative Biology

**BIOL 5024 Histology**

**Prerequisites:** Consent of Instructor.

**Description:** The study of cellular composition and functional components of tissues. With an emphasis in vertebrates, the course is a survey of the microanatomy and function of tissues such as epithelial, connective, muscular, and nervous. May not be used for degree credit with BIOL 4024.

**Credit hours:** 4

**Contact hours:** Lecture: 3 Lab: 2 Contact: 5

**Levels:** Graduate

**Schedule types:** Lab, Lecture, Combined lecture and lab

**Department/School:** Integrative Biology

**BIOL 5030 Teaching Integrative Biology**

**Prerequisites:** Consent of instructor.

**Description:** Supervised teaching in the department. Attendance at seminar on problems involved in teaching Integrative Biology in college. Previously offered as ZOO 5030. Offered for variable credit, 1-3 credit hours, maximum of 4 credit hours.

**Credit hours:** 1-3

**Contact hours:** Contact: 1-3 Other: 1-3

**Levels:** Graduate, Undergraduate

**Schedule types:** Independent Study

**Department/School:** Integrative Biology

**BIOL 5033 Evolution**

**Description:** Development of the evolutionary concept; speciation evolutionary mechanisms and phylogenetic concepts. May not be used for degree credit with BIOL 4133.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Graduate

**Schedule types:** Lecture

**Department/School:** Integrative Biology

**BIOL 5073 Principles of Neuroscience**

**Description:** This course examines foundational theories and principles related to the neural mechanisms controlling physiological processes and behavior. Topics covered include cellular neurobiology, neuronal signaling, neural development and plasticity, comparative neuroanatomy, and neurobiology of complex brain functions such as sensory processing, arousal, emotions, learning, and memory. Previous coursework in physiology recommended. Same course as PSYC 5073 and BIOM 5983. May not be used for degree credit with BIOL 4073 or PSYC 4073.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Graduate

**Schedule types:** Lecture

**Department/School:** Integrative Biology

**BIOL 5100 Current Topics in Biology for Teachers**

**Prerequisites:** Approval of instructor.

**Description:** Acquaints the primary or secondary teacher with recent advances in biology. May include lecture, laboratory or field work. Offered for variable credit, 1-4 credit hours, maximum of 4 credit hours.

**Credit hours:** 1-4

**Contact hours:** Lecture: 1-4 Contact: 1-4

**Levels:** Graduate

**Schedule types:** Lecture

**Department/School:** Integrative Biology

**BIOL 5104 General Parasitology****Prerequisites:** BIOL 1604.**Description:** Fundamentals of parasitism with emphasis on: life cycles, disease conditions, epidemiology, diagnosis, treatment, historical significance, terminology, taxonomy, and parasitological techniques. May not be used for degree credit with BIOL 4104.**Credit hours:** 4**Contact hours:** Lecture: 3 Lab: 3 Contact: 6**Levels:** Graduate**Schedule types:** Lab, Lecture, Combined lecture and lab**Department/School:** Integrative Biology**BIOL 5113 Conservation Genetics****Prerequisites:** Course in genetics strongly recommended.**Description:** Principles of population genetics as they pertain to issues in conservation biology. Evolutionary relationships, hybridization, natural selection, factors affecting small populations, gene flow, captive populations, and META populations. No credit for students with credit in BIOL 4113. Previously offered as ZOO 5113.**Credit hours:** 3**Contact hours:** Lecture: 3 Contact: 3**Levels:** Graduate**Schedule types:** Lecture**Department/School:** Integrative Biology**BIOL 5123 Behavioral Ecology****Prerequisites:** Course in ecology strongly recommended.**Description:** Analysis and description of the behavior of animals in their natural environment, especially in terms of natural selection and adaptation. A synthesis of ethology, population genetics, sociobiology, and evolutionary theory. Largely descriptive and generalized with limited emphasis on mathematical theory. Previously offered as ZOO 5123.**Credit hours:** 3**Contact hours:** Lecture: 3 Contact: 3**Levels:** Graduate**Schedule types:** Lecture**Department/School:** Integrative Biology**BIOL 5133 Evolutionary Ecology****Description:** This course is intended to inform students about the traditional breadth of evolutionary ecology, and its impacts on contemporary ecological and evolutionary theories. Study will include both broad historical precedent and the far-reaching importance of current research in evolutionary ecology. This course will develop skills in written and oral communication and critical/synthetic thought. Previously offered as ZOO 5133.**Credit hours:** 3**Contact hours:** Lecture: 3 Contact: 3**Levels:** Graduate**Schedule types:** Lecture**Department/School:** Integrative Biology**BIOL 5134 Embryology****Prerequisites:** BIOL 1604 and CHEM 1515.**Description:** Biochemical basis of development with emphasis on gene regulation. Comparative development of sea urchin, frog, chick and pig. Experiments using frog and mouse, including the molecular level. May not be used for degree credit with BIOL 4134.**Credit hours:** 4**Contact hours:** Lecture: 3 Lab: 2 Contact: 5**Levels:** Graduate**Schedule types:** Lab, Lecture, Combined lecture and lab**Department/School:** Integrative Biology**BIOL 5174 Mammalogy****Prerequisites:** College level ecology or Natural History course.**Description:** Taxonomy, identification, evolution, zoogeography, life history traits, and techniques of study of wild mammals. Weekend field trips required. May not be used for degree credit with BIOL 4174.**Credit hours:** 4**Contact hours:** Lecture: 3 Lab: 3 Contact: 6**Levels:** Graduate**Schedule types:** Lab, Lecture, Combined lecture and lab**Department/School:** Integrative Biology**BIOL 5184 Advanced Herpetology****Description:** The biology of amphibians and reptiles with an emphasis on evolutionary relationships and comparative morphology, physiology, ecology, and natural history; laboratory emphasis on Oklahoma species. Offered spring semester of even-numbered years. Weekend field trips required. May not be used for degree credit with BIOL 4184.**Credit hours:** 4**Contact hours:** Lecture: 3 Lab: 2 Contact: 5**Levels:** Graduate**Schedule types:** Lab, Lecture, Combined lecture and lab**Department/School:** Integrative Biology**BIOL 5215 Mammalian Physiology****Description:** Descriptive and functional analysis of the mammalian nervous, cardiovascular, musculoskeletal, respiratory, renal, endocrine and digestive organ systems. For majors in human and animal sciences, particular pre-medical, pre-dental, and pre-veterinary tracks. Upper-division physiology course required. May not be used for degree credit with BIOL 4215. Previously offered as ZOO 4215.**Credit hours:** 5**Contact hours:** Lecture: 5 Contact: 5**Levels:** Graduate**Schedule types:** Lecture**Department/School:** Integrative Biology**BIOL 5243 Ecological Immunology****Description:** The causes and consequences of variation in immunity studied within the context of evolution and ecology. A combination of lectures and student-led presentations intended for graduate students and advanced undergraduates. Previously offered as ZOO 5243.**Credit hours:** 3**Contact hours:** Lecture: 3 Contact: 3**Levels:** Graduate**Schedule types:** Lecture**Department/School:** Integrative Biology**BIOL 5253 Pharmacology****Description:** Major drug classes based on their predominant use or principal activity in the body; basis for drug action; and modification of drugs and their action by physiological processes. Upper-division Physiology and Organic Chemistry required. May not be used for degree credit with BIOL 4243 or BIOL 4253.**Credit hours:** 3**Contact hours:** Lecture: 3 Contact: 3**Levels:** Graduate**Schedule types:** Lecture**Department/School:** Integrative Biology

**BIOL 5273 Environmental Physiology**

**Prerequisites:** BIOL 3204 or BIOL 4215 or equivalent.

**Description:** The study of animal adaptation and responses to natural freshwater, and terrestrial habitats as well as anthropogenic problems specific to these habitats. No credit for students with credit in BIOL 4273. Previously offered as ZOOL 5273.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Graduate

**Schedule types:** Lecture

**Department/School:** Integrative Biology

**BIOL 5283 Endocrinology**

**Prerequisites:** A course in physiology and chemistry or consent of instructor.

**Description:** Examination of the hormonal control and regulation of physiological processes in vertebrates. Function of the hypothalamus, pituitary, adrenal, thyroid, pancreas, ovary and testes. No credit for students with credit in BIOL 4283. Previously offered as ZOOL 5283.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Graduate

**Schedule types:** Lecture

**Department/School:** Integrative Biology

**BIOL 5293 Behavioral Neuroendocrinology**

**Prerequisites:** BIOL 3204 or BIOL 4215.

**Description:** Examination of the influences of nervous and endocrine systems on behavior and vice-versa, in vertebrates including humans. Historical roots and current techniques relating to topics, including male and female reproductive behavior patterns, sex differences in behavior and neuroendocrine causation. No credit for students with credit in BIOL 4293. Previously offered as ZOOL 5293.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Graduate

**Schedule types:** Lecture

**Department/School:** Integrative Biology

**BIOL 5303 Organismal Ecotoxicology**

**Description:** Comparative study of the major groups of environmental contaminants (e.g. heavy metals, PCB's, insecticides) and an introduction to the basic theories, principles and techniques associated with the study of contaminant fate and effects on organisms. No credit for students with credit in BIOL 4303. Same course as ITOX 5303. Previously offered as ZOOL 5303.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Graduate

**Schedule types:** Lecture

**Department/School:** Integrative Biology

**BIOL 5313 Animal Communication**

**Prerequisites:** Graduate standing.

**Description:** Mechanisms, function and evolution of animal communication systems. Emphasis on the function of sensory systems, signal production mechanisms, theories of signal design and optimal signaling strategies, and current research on signaling behavior and its evolution in wild animals. A course in animal behavior or evolution recommended. May not be used for degree credit with BIOL 4313.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Graduate

**Schedule types:** Lecture

**Department/School:** Integrative Biology

**BIOL 5343 Population and Community Ecotoxicology**

**Prerequisites:** Course in ecology strongly recommended.

**Description:** Examines the exposure of animals to environmental contaminants and resulting effects at the individual through community level. The dynamic nature of exposure to contaminants will be of particular interest in this course. For example, how do the natural history traits of a species either protect it from exposure, or enhance its potential for exposure to contaminants? Topics will range from the historical perspectives to ecotoxicology to study design and risk assessment. Same course as ITOX 5343. Previously offered as ZOOL 5343.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Graduate

**Schedule types:** Lecture

**Department/School:** Integrative Biology

**BIOL 5363 Principles of Toxicology**

**Prerequisites:** Course in chemistry and physiology strongly recommended.

**Description:** Basic concepts in toxicology such as chemical partitioning, dose response, toxicokinetics, toxicodynamics, and bioavailability. It will focus on the molecular and cellular mechanisms of toxicity of a few representative natural and man-made compounds. Case studies used to understand real-life scenarios. No credit for students with credit in BIOL 4363.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Graduate

**Schedule types:** Lecture

**Department/School:** Integrative Biology

**BIOL 5403 Advanced Wetland Ecology**

**Prerequisites:** A course in aquatic ecology or wetland management recommended.

**Description:** Principles and theory of wetland ecology with a focus on wetland processes, function, and services. Topics include wetland geomorphology, biogeochemistry and hydrology of wetlands, wetland functions and services, wetland development, wetland restoration, water issues, wetland policy, philosophy of wetland management, and educating society about wetlands. Same course as NREM 5403. Previously offered as ZOOL 5403.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Graduate

**Schedule types:** Lecture

**Department/School:** Integrative Biology

**BIOL 5413 Biology of Fishes****Credit hours:** 3**Contact hours:** Lecture: 2 Lab: 2 Contact: 4**Levels:** Graduate**Schedule types:** Lab, Lecture, Combined lecture and lab**Department/School:** Integrative Biology**BIOL 5423 Techniques in Environmental Toxicology****Prerequisites:** Organic chemistry or instructor consent.**Description:** Practical understanding of modern techniques used to quantify exposure and effects of environmental toxicants. Laboratory topics include gas chromatography, HPLC, atomic absorption spectroscopy, immunoassay, and toxicity testing. Same course as ITOX 5423. Previously offered as ZOOL 5423.**Credit hours:** 3**Contact hours:** Lecture: 1 Lab: 4 Contact: 5**Levels:** Graduate**Schedule types:** Lab, Lecture, Combined lecture and lab**Department/School:** Integrative Biology**BIOL 5434 Limnology****Description:** This course provides an overview of the physical, chemical, and biological characteristics of inland habitats including lakes, reservoirs, streams, and wetlands. Field trips required. May not be used for degree credit with BIOL 4434.**Credit hours:** 4**Contact hours:** Lecture: 3 Lab: 3 Contact: 6**Levels:** Graduate**Schedule types:** Lab, Lecture, Combined lecture and lab**Department/School:** Integrative Biology**BIOL 5464 Ornithology****Description:** Classification, evolution, distribution, identification, life histories, and morphological, ecological, and behavioral adaptations of birds. Two weekend field trips required. May not be used for degree credit with BIOL 4464, NREM 4464. Previously offered as NREM 5564.**Credit hours:** 4**Contact hours:** Lecture: 3 Lab: 3 Contact: 6**Levels:** Graduate**Schedule types:** Lab, Lecture, Combined lecture and lab**Department/School:** Integrative Biology**BIOL 5484 Animal Locomotion****Description:** How do animals move? How does this motion change based on environment? How has such motion evolved across groups? This course will explore the relationship of body form to locomotion. We will focus on all types of animals, which represent a broad diversity of types of locomotion (e.g. flying, swimming, jumping), environments (e.g. air, land, water), and scales of body size (i.e. from single cells to whales). A laboratory will serve to introduce students to the methods and technology used in studying locomotion. May not be used for degree credit with BIOL 4484.**Credit hours:** 4**Contact hours:** Lecture: 3 Lab: 3 Contact: 6**Levels:** Graduate**Schedule types:** Lab, Lecture, Combined lecture and lab**Department/School:** Integrative Biology**BIOL 5503 Spatial Ecology and Analysis****Prerequisites:** Course in ecology strongly recommended.**Description:** Theory, methods, and models for identifying and quantifying spatial patterns and processes, with a focus on implications for ecological relationships. Previously offered as ZOOL 5503.**Credit hours:** 3**Contact hours:** Lecture: 3 Contact: 3**Levels:** Graduate**Schedule types:** Lecture**Department/School:** Integrative Biology**BIOL 5523 Population Ecology****Prerequisites:** BIOL 3034 and MATH 1513.**Description:** Theory and principles of predicting and analyzing population abundance and dynamics. Life history theory, foraging theory, habitat selection, population genetics, and species interactions. Previously offered as ZOOL 5523.**Credit hours:** 3**Contact hours:** Lecture: 3 Contact: 3**Levels:** Graduate**Schedule types:** Lecture**Department/School:** Integrative Biology**BIOL 5524 Biological Laboratory Instrumentation****Prerequisites:** CHEM 1515 and PBIO 1404 or MICR 2123 or BIOL 1604 or equivalents or consent of instructor.**Description:** Lecture and laboratory course in biological instrumentation use, theory, experimental design, maintenance, and troubleshooting. Topics include liquid handling systems, pH/ISE meters, electrophoresis, spectrophotometers, centrifuges, chromatography, thermocyclers, and DNA sequencers. May not be used for degree credit in BIOL 4524, MICR 4524, PBIO 4524. Same course as PBIO 5524 and MICR 5524.**Credit hours:** 4**Contact hours:** Lecture: 2 Lab: 4 Contact: 6**Levels:** Graduate**Schedule types:** Lab, Lecture, Combined lecture and lab**Department/School:** Integrative Biology**BIOL 5623 Ecological Data and Alternative Hypothesis****Prerequisites:** Course in statistics strongly recommended.**Description:** Emphasizes statistical analyses that start with a set of plausible alternative hypotheses and use likelihoods to quantify the relative support the hypotheses receive from empirical data. Instruction will be done with lectures, computer lab exercises, and in-class presentations. Previously offered as ZOOL 5623.**Credit hours:** 3**Contact hours:** Lecture: 3 Contact: 3**Levels:** Graduate**Schedule types:** Lecture**Department/School:** Integrative Biology**BIOL 5633 Ecological and Behavioral Modeling****Prerequisites:** Course in ecology strongly recommended.**Description:** This course will provide a general overview of modeling approaches for studying a variety of ecological and environmental problems. It will provide students with a toolbox of techniques, and discuss how they can be used to address questions and generate testable predictions. The course will emphasize modeling individual behavior and population dynamics. Previously offered as ZOOL 5633.**Credit hours:** 3**Contact hours:** Lecture: 3 Contact: 3**Levels:** Graduate**Schedule types:** Lecture**Department/School:** Integrative Biology

**BIOL 5643 Ecological Niche Modeling and Species Distributions**

**Prerequisites:** Course in ecology strongly recommended.

**Description:** Ecological niche modeling theory and practice. Generation of niche models and distribution predictions to address questions on species' ecology, conservation, biogeography, and phylogeography. Familiarization with ESRI ArcGIS software, as well as environmental GIS data sources. Previously offered as ZOOL 5643.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Graduate

**Schedule types:** Lecture

**Department/School:** Integrative Biology

**BIOL 6000 Research for PhD Dissertation**

**Description:** Independent research for the PhD dissertation under the supervision of a graduate faculty member. Previously offered as ZOOL 6000. Offered for variable credit, 1-15 credit hours, maximum of 60 credit hours.

**Credit hours:** 1-15

**Contact hours:** Contact: 1-15 Other: 1-15

**Levels:** Graduate

**Schedule types:** Independent Study

**Department/School:** Integrative Biology

## Undergraduate Programs

- Biology, BS (p. 1309)
- Biology: Allied Health, BS (p. 1312)
- Biology: Environmental Biology, BS (p. 1315)
- Biology: Pre-Medical Sciences, BS (p. 1318)
- Biology: Secondary Teacher Certification, BS (p. 1321)
- Physiology, BS (p. 1324)
- Physiology: Pre-Medical Sciences, BS (p. 1327)
- Zoology, BS (p. 1331)
- Zoology: Ecology and Conservation Biology, BS (p. 1334)
- Zoology: Pre-Medical Sciences, BS (p. 1337)
- Zoology: Pre-Veterinary Sciences, BS (p. 1340)
- Zoology: Secondary Teacher Certification, BS (p. 1343)

## Graduate Programs Programs of Study

Programs of study leading to MS and PhD degrees are offered in Integrative Biology. The department emphasizes Ecology and Evolutionary Biology and Environmental Stress. Among faculty research interests are behavioral and evolutionary ecology, conservation biology, ecotoxicology, ecosystem services, ecological immunology, behavioral endocrinology and neuroendocrinology, neurobiology, theoretical ecology, invertebrate ecology, herpetology, ornithology, parasitology, physiology, macroevolution, phylogenetics, animal communication, bioacoustics, evolutionary medicine, disease ecology, nutritional ecology, landscape ecology, population ecology, aquatic and wetland ecology, and science education. The department includes the Ecotoxicology and Water Quality Research Laboratory and the Oklahoma State University Collection of Vertebrates.

## Prerequisites

Applicants must have completed a baccalaureate degree including 40 semester hours in biology and related areas.

## The Master of Science Degree

Students must prepare a research proposal and complete either a thesis or a report. For the thesis option, 30 credit hours are required; for the report option, 32 credit hours.

## The Doctor of Philosophy Degree

Students must prepare a research proposal, pass written and oral comprehensive examinations, and complete a dissertation based on original research worthy of publication.

## Financial Aid

The department employs more than 50 graduate teaching assistants (TA). Faculty members also award research assistantships (RA) based on ongoing grants and contracts. In-state and out-of-state students on RA or TA support receive full tuition waivers.

## Research Facilities

The Department of Integrative Biology occupies a six-floor building with offices, classrooms, laboratories and animal rooms. A broad range of instrumentation is available for both teaching and research. Specialized equipment is available for environmental analysis, cell culture, microscopy, and genetics research. A Field Station is also available near Lake Carl Blackwell. The Department of Integrative Biology also houses the OSU Collection of Vertebrates which includes over 25,000 lots of fish, 14,000 reptiles and amphibians, 3,000 birds, and 13,000 mammals. For more information visit our website: [integrativebiology.okstate.edu](http://integrativebiology.okstate.edu) (<http://integrativebiology.okstate.edu>).

## Minors

- Biology (BIO), Minor (p. 1308)
- Zoology (ZOOL), Minor (p. 1330)

## Faculty

Jason Belden, PhD—Professor and Department Head

**Regents Professors:** Stanley Fox, PhD (emeritus); Scott McMurry, PhD; Loren Smith, PhD (emeritus); Ron Van DenBussche

**Professors:** Kristen Baum, PhD; Donald French, PhD; Punidan Jeyasingh, PhD; Bruce Waldman, PhD

**Associate Professors:** Matthew Bolek, PhD; Andrew Dzialowski, PhD; Jennifer Grindstaff, PhD; Meredith Hamilton, PhD (emeritus); Matthew Lovern, PhD; Barney Luttbeg, PhD; Matteo Minghetti, PhD; Dan Moen, PhD; Mary Towner, PhD; Shawn Wilder, PhD

**Assistant Professors:** Desire' Buckley, PhD; Fabio de Andrade Machado, PhD; Elizabeth McCullagh, PhD; Michael Reichert, PhD; Patrick Stephens, PhD; Guin Wogan, PhD; Bo Zhang, PhD

**Teaching Assistant Professors:** Uriel Buitrago-Suarez, PhD; Elisa Cabrera-Guzman, PhD; Jodie Wiggins, PhD; Will Wiggins, PhD



## Biology (BIO), Minor

**Requirements for Students Matriculating in or before Academic Year 2022-2023.** Learn more about University Academic Regulation 3.1 (p. 943).

For more information on a Biology minor, contact the **Office of Integrative Biology**: 405-744-5555 or 501 Life Sciences West

**Total Hours:** 27

Code	Title	Hours
<b>Minor Requirements</b>		
BIOL 1113 & BIOL 1111 or BIOL 1114	Introductory Biology (N) and Introductory Biology Laboratory (LN) Introductory Biology (LN)	4
BIOL 1604	Animal Biology	4
BIOL 3023	General Genetics	3
BIOL 3034	General Ecology	4
MICR 2123	Introduction to Microbiology	3
MICR 2132	Introduction to Microbiology Laboratory	2
MICR 3033	Cell and Molecular Biology	3
PBIO 1404	Plant Biology (LN)	4
<b>Total Hours</b>		<b>27</b>

## Other Requirements

- No grade below "C."

## Additional OSU Requirements

### Undergraduate Minors

- An undergraduate minor must include between fifteen and thirty hours, inclusive of undergraduate coursework.
- A minimum of six credit hours for the minor must be earned in residence at OSU.
- The courses required for a minor may be included in the course requirements for any undergraduate degree or they may be in addition to degree requirements, depending on the overlap between the minor and degree requirements. However, an undergraduate minor must be earned in an academic field other than the student's declared degree option. The minor may not duplicate the degree major or option (for example, a student who earns a BA in Art with an Art History option may earn a minor in Studio Art but not Art History).
- A student generally follows the minor requirements associated with his or her matriculation year or newer requirements that have been established since matriculation. The time limit for following requirements from a given academic year is six years.

For additional information on requirements on minors, click here (<https://adminfinance.okstate.edu/site-files/documents/policies/requirements-for-undergraduate-and-graduate-minors.pdf>).



# Biology, BS

## Degree Requirements

**Requirements for Students Matriculating in or before Academic Year 2022-2023.** Learn more about University Academic Regulation 3.1 (p. 943).

**Minimum Overall Grade Point Average: 2.00**

**Total Hours: 120**

Code	Title	Hours
<b>General Education Requirements</b>		
<i>English Composition</i>		
See Academic Regulation 3.5 (p. 944)		
ENGL 1113 or ENGL 1313	Composition I Critical Analysis and Writing I	3
Select one of the following:		3
ENGL 1213	Composition II	
ENGL 1413	Critical Analysis and Writing II	
ENGL 3323	Technical Writing	
<i>American History &amp; Government</i>		
HIST 1103 or HIST 1483 or HIST 1493	Survey of American History American History to 1865 (H) American History Since 1865 (DH)	3
POLS 1113	American Government	3
<i>Analytical &amp; Quantitative Thought (A)</i>		
STAT 4013 or STAT 2013	Statistical Methods I (A) <sup>1</sup> Elementary Statistics (A)	3
MATH 1813 or MATH 1613	Preparation for Calculus (A) (or higher) <sup>1</sup> Trigonometry (A)	3
<i>Humanities (H)</i>		
Courses designated (H)		6
<i>Natural Sciences (N)</i>		
Must include one Laboratory Science (L) course		
PHYS 1114 or PHYS 2014	College Physics I (LN) <sup>1</sup> University Physics I (LN)	4
PHYS 1214 or PHYS 2114	College Physics II (LN) <sup>1</sup> University Physics II (LN)	4
<i>Social &amp; Behavioral Sciences (S)</i>		
Course designated (S)		3
<i>Additional General Education</i>		
Courses designated (A), (H), (N), or (S)		6
<b>Hours Subtotal</b>		<b>41</b>
<b>Diversity (D) &amp; International Dimension (I)</b>		
May be completed in any part of the degree plan		
Select at least one Diversity (D) course		
Select at least one International Dimension (I) course		
<b>College/Departmental Requirements</b>		
<i>First Year Seminar</i>		
(Transfer students with 15 hours exempt)		1
<i>Arts &amp; Humanities</i>		
See note 2.a.		3
<i>Natural &amp; Mathematical Sciences</i>		

CHEM 1314	Chemistry I (LN)	4
CHEM 1515	Chemistry II (LN)	5
<i>Foreign Language</i>		
See note 3		0
0-6 hours		
<i>Upper-Division General Education</i>		
Select 6 hours outside major department		
See note 2.c.		
<b>Hours Subtotal</b>		<b>13</b>
<b>Major Requirements<sup>2</sup></b>		
Minimum GPA 2.50 in Major Requirements OR minimum grade of "C" in each course.		
<i>Core Courses</i>		
BIOL 1113 & BIOL 1111 or BIOL 1114	Introductory Biology (N) and Introductory Biology Laboratory (LN) Introductory Biology (LN)	4
BIOL 1604	Animal Biology	4
BIOL 3023	General Genetics <sup>2</sup>	3
BIOL 3034	General Ecology	4
BIOL 4133	Evolution <sup>2</sup>	3
MICR 2123	Introduction to Microbiology	3
MICR 2132	Introduction to Microbiology Laboratory	2
MICR 3033	Cell and Molecular Biology	3
PBIO 1404	Plant Biology (LN)	4
Select 9 hours upper-division coursework from: BIOL, MICR, PBIO (excluding general education courses)		9
<i>Related Courses</i>		
Physiology, choose from:		4
BIOL 3204	Physiology (or)	
PBIO 4463 & PBIO 4462	Plant Physiology and Plant Physiology Laboratory	
Organic Chemistry, choose from:		5
CHEM 3013 & CHEM 3012	Survey of Organic Chemistry and Survey of Organic Chemistry Laboratory	
CHEM 3053 & CHEM 3112 & CHEM 3153	Organic Chemistry I and Organic Chemistry Laboratory and Organic Chemistry II	
<i>Supplemental Courses</i>		
Select 6 hours upper-division coursework from the following (no more than 3 hours of general education in the natural sciences):		6
ANSI 3543	Principles of Animal Nutrition	
ENGL 3323	Technical Writing	
HLTH 3113	Health Issues in Diverse Populations (D)	
HHP 4063	Neuroanatomy	
HIST 3913	History of Medicine (H)	
NREM 4523	Wildlife Management Techniques	
PHIL 3833	Biomedical Ethics (H)	
PHIL 4713	Philosophy of Science (H)	
PHIL 4733	Philosophy of Biology (H)	
PSYC 3073	Neurobiological Psychology (N)	
PSYC 3443	Abnormal Psychology (S)	
PSYC 4263	Affective Neuroscience	

SOC 4153	Sociology of Health and Illness	
SOC 4433	Environmental Sociology (S)	
SOC 4453	Environmental Inequality (S)	
Or from BIOC, CHEM, ENTO, ENVR, GEOG, GEOL, HORT, MATH, NREM, PHYS, PLNT, PLP, SOIL, and STAT		
<b>Hours Subtotal</b>		<b>54</b>
<b>Electives</b> <sup>2</sup>		
Select 12 hours		12
MATH 1513 required for students who do not place directly into MATH 1813 (or MATH 1613).		
May need to include 6 hours of a foreign language (see note 3).		
May need to include 6 hours upper-division general education outside major department (see note 2.c.) and 7 additional upper-division hours.		
<b>Hours Subtotal</b>		<b>12</b>
<b>Total Hours</b>		<b>120</b>

1

College and Departmental Requirements that may be used to meet General Education Requirements.

2

With approval from the advisor and department head and a minimum GPA of 3.0, a maximum of 30 hours from an accredited doctoral health program may be substituted for electives or major requirements other than BIOL 3023 General Genetics and BIOL 4133 Evolution.

## Other Requirements

- See the College of Arts and Sciences Requirements.
- Minimum GPA 2.00 in all BIOL, MICR, & PBIO courses.
- **Upper-Division Credit:** Total hours must include at least 44 hours in courses numbered 3000 or above.
- **Hours in One Department:** For B.A. and B.S. degrees, no more than 54 hours in one department may be applied to degree requirements.

## College of Arts and Sciences Requirements

### 1. General Education Requirements

No more than two courses (or eight hours) from the major department (<http://catalog.okstate.edu/college-arts-sciences-major-departments/>) may be used to meet General Education and College and Departmental Requirements. The General Education required English Composition, required U.S. History, required American Government, one required MATH or STAT course, and required foreign language for B.A. degrees do not count against the two-course maximum.

### 2. A&S College/Departmental Requirements

- Arts and Humanities are defined as any course carrying an (H) designation or courses from AMST, ART, DANC, ENGL (except ENGL 3323 Technical Writing) HIST, MUSI, PHIL (except PHIL 1313 Logic and Critical Thinking (A), PHIL 3003 Symbolic Logic (A) and PHIL 4003 Mathematical Logic and Computability), REL, TH, and foreign languages.
- Natural and Mathematical Sciences are defined as any course from the following prefixes: ASTR, BIOC, BIOL, CHEM, CS (except CS 4883 Social Issues in Computing), GEOL, MATH, MICR, PBIO,

PHYS, and STAT; or courses from other departments that carry an (A) or (N) general education designation.

- The required six hours of upper-division General Education may not include courses from the student's major department. This requirement may be satisfied by courses also used to satisfy any part of a student's degree program (i.e., in General Education, College Departmental Requirements, Major Requirements or Electives).
- Non-Western Studies Requirement for B.A. and B.F.A.; One 3-hour course in Non-Western Studies (N.W.). This requirement may be satisfied by courses also used to satisfy any part of a student's degree program (i.e., in General Education, College Departmental Requirements, Major Requirements or Electives).
- The College of Arts & Sciences requires a minimum 2.0 GPA in all major requirements and a minimum 2.0 GPA in all major-prefix courses applied to the degree.

### 3. Foreign Language Proficiency

- The foreign language requirement for the B.A. may be satisfied by 9 hours college credit in the same language, which must include 3 hours at the 2000-level, or equivalent proficiency (e.g., passing an advanced standing examination; TOEFL exam; presenting a high school transcript which demonstrates the high school was primarily conducted in a language other than English; etc.). Computer Science courses may not be used to satisfy this requirement. Currently Arabic and Mvskoke are not offered at the 2000-level at OSU.
- The foreign language requirement for the B.S., B.M. and B.F.A. may be satisfied by presenting a high school transcript which demonstrates two years of study of a single foreign language (passing grades at second-year level of study). It may also be satisfied by 6 hours college credit in the same language, which must include language courses 1713 and 1813, or equivalent proficiency (e.g., passing an advanced standing examination; TOEFL exam; presenting a high school transcript which demonstrates the high school was primarily conducted in a language other than English; etc.). Computer Science courses may not be used to satisfy this requirement.
- In addition to a. and b., students pursuing teacher certification must meet novice-high foreign language proficiency by presenting a high school transcript which demonstrates two years of study of a single foreign language with no grade below B. Or, students may complete 3 hours college credit in a single language with no grade below C (or pass an advanced standing examination, College Level Examination Program (CLEP) exam, or Oral Proficiency Interview developed by the American Council on the Teaching of Foreign Languages, equivalent to 3 hours of college credit.) Or, students may meet the requirement by transfer of documentation of meeting the foreign language competency from one of the teacher education programs in the State of Oklahoma approved by the Oklahoma State Regents for Higher Education.

### 4. Exclusions

- Courses used to satisfy the General Education English Composition, U.S. History, American Government, and Mathematics or Statistics requirements will not count toward the 54-hour maximum allowed from one department.
- Courses with ATHL or LEIS prefixes and leisure activity courses may not be used for degree credit.

## Additional State/OSU Requirements

- At least: 60 hours at a four-year institution; 30 hours completed at OSU; 15 of the final 30 or 50% of the upper-division hours in the major field completed at OSU.
- Limit of: one-half of major course requirements as transfer work; one-fourth of hours earned by correspondence; 8 transfer correspondence hours.
- Students will be held responsible for degree requirements in effect at the time of matriculation and any changes that are made, so long as these changes do not result in semester credit hours being added or do not delay graduation.
- Degrees that follow this plan must be completed by the end of Summer 2028.

## Example Plan of Study Finish in Four Plan of Study

The plan below is an example of how students can successfully complete degree requirements in four years. This suggested class schedule plan may be used as a guide and can be adjusted based on individual needs. Students are required to meet with an academic advisor prior to enrollment each semester to plan their class schedule, and students are ultimately responsible for completing all degree requirements.

Course	Title	Hours
<b>Freshman</b>		
<b>Fall</b>		
ENGL 1113	Composition I	3
MATH 1813	Preparation for Calculus (A)	3
BIOL 1113 & BIOL 1111	Introductory Biology (N) and Introductory Biology Laboratory (LN)	4
General Education courses		5
<b>Hours</b>		<b>15</b>
<b>Spring</b>		
ENGL 1213	Composition II	3
CHEM 1314	Chemistry I (LN)	4
BIOL 1604	Animal Biology	4
General Education courses		4
<b>Hours</b>		<b>15</b>
<b>Sophomore</b>		
<b>Fall</b>		
CHEM 1515	Chemistry II (LN)	5
PHYS 1114	College Physics I (LN)	4
MICR 2123	Introduction to Microbiology	3
General Education courses		3
<b>Hours</b>		<b>15</b>
<b>Spring</b>		
BIOL 3034	General Ecology	4
MICR 2132	Introduction to Microbiology Laboratory	2
Upper-division Core (BIOL, MICR, or P BIO)		3
General Education courses		6
<b>Hours</b>		<b>15</b>
<b>Junior</b>		
<b>Fall</b>		
STAT 4013	Statistical Methods I (A)	3
PHYS 1214	College Physics II (LN)	4
CHEM 3013	Survey of Organic Chemistry	3
Major, College, and Elective courses		5
<b>Hours</b>		<b>15</b>

<b>Spring</b>		
CHEM 3012	Survey of Organic Chemistry Laboratory	2
BIOL 3204 or P BIO 4463	Physiology or Plant Physiology	4
MICR 3033	Cell and Molecular Biology	3
Major, College, and Elective courses		6
<b>Hours</b>		<b>15</b>
<b>Senior</b>		
<b>Fall</b>		
BIOL 3023	General Genetics	3
Upper-division Core (BIOL, MICR, or P BIO)		3
Major, College, and Elective courses		9
<b>Hours</b>		<b>15</b>
<b>Spring</b>		
BIOL 4133	Evolution	3
Upper-division Core (BIOL, MICR, or P BIO)		3
Major, College, and Elective courses		9
<b>Hours</b>		<b>15</b>
<b>Total Hours</b>		<b>120</b>

1

Speak with academic advisor about saving General Education electives and Humanities (H) for Upper-division courses with International (I) and Diversity (D) dimensions.

## Biology: Allied Health, BS

### Degree Requirements

**Requirements for Students Matriculating in or before Academic Year 2022-2023.** Learn more about University Academic Regulation 3.1 (p. 943).

**Minimum Overall Grade Point Average: 2.00**

**Total Hours: 120**

Code	Title	Hours
<b>General Education Requirements</b>		
<i>English Composition</i>		
See Academic Regulation 3.5 (p. 944)		
ENGL 1113 or ENGL 1313	Composition I Critical Analysis and Writing I	3
Select one of the following:		3
ENGL 1213	Composition II	
ENGL 1413	Critical Analysis and Writing II	
ENGL 3323	Technical Writing	
<i>American History &amp; Government</i>		
HIST 1103 or HIST 1483 or HIST 1493	Survey of American History American History to 1865 (H) American History Since 1865 (DH)	3
POLS 1113	American Government	3
<i>Analytical &amp; Quantitative Thought (A)</i>		
MATH 1813 or MATH 1613	Preparation for Calculus (A) (or higher) <sup>1</sup> Trigonometry (A)	3
STAT 4013 or STAT 2013	Statistical Methods I (A) <sup>1</sup> Elementary Statistics (A)	3
<i>Humanities (H)</i>		
Courses designated (H)		6
<i>Natural Sciences (N)</i>		
Must include one Laboratory Science (L) course		
PHYS 1114 or PHYS 2014	College Physics I (LN) <sup>1</sup> University Physics I (LN)	4
PHYS 1214 or PHYS 2114	College Physics II (LN) <sup>1</sup> University Physics II (LN)	4
<i>Social &amp; Behavioral Sciences (S)</i>		
Course designated (S)		3
<i>Additional General Education</i>		
Courses designated (A), (H), (N), or (S)		6
<b>Hours Subtotal</b>		<b>41</b>
<b>Diversity (D) &amp; International Dimension (I)</b>		
May be completed in any part of the degree plan		
Select at least one Diversity (D) course		
Select at least one International Dimension (I) course		
<b>College/Departmental Requirements</b>		
<i>First Year Seminar</i>		
(Transfer students with 15 hours exempt)		1
<i>Arts &amp; Humanities</i>		
See note 2.a.		3
<i>Natural &amp; Mathematical Sciences</i>		

CHEM 1314	Chemistry I (LN)	4
CHEM 1515	Chemistry II (LN)	5
<i>Foreign Language</i>		
See note 3		
0-6 hours		
<i>Upper-Division General Education</i>		
Select 6 hours outside major department		
See note 2.c.		
<b>Hours Subtotal</b>		<b>13</b>
<b>Major Requirements<sup>2</sup></b>		
Minimum GPA 2.50 in Major Requirements OR minimum grade of "C" in each course.		
<i>Core Courses</i>		
BIOL 1113 & BIOL 1111 or BIOL 1114	Introductory Biology (N) and Introductory Biology Laboratory (LN) Introductory Biology (LN)	4
BIOL 1604	Animal Biology	4
BIOL 3023	General Genetics <sup>2</sup>	3
BIOL 3034	General Ecology	4
BIOL 4133	Evolution <sup>2</sup>	3
MICR 2123	Introduction to Microbiology	3
MICR 2132	Introduction to Microbiology Laboratory	2
MICR 3033	Cell and Molecular Biology	3
PBIO 1404	Plant Biology (LN)	4
Select 6 hours upper-division coursework from: BIOL, MICR, PBIO (excluding general education courses).		
<i>Related Courses</i>		
BIOL 3204	Physiology	4
BIOL 3214	Human Anatomy	4
CHEM 3013 & CHEM 3012	Survey of Organic Chemistry and Survey of Organic Chemistry Laboratory	5
Select two of the following from different prefixes:		6
BIOC 3653	Survey of Biochemistry	
BIOL 3233	Human Reproduction	
BIOL 4134	Embryology	
BIOL 4253	Pharmacology	
BIOL 4283	Endocrinology	
BIOL 4363	Principles of Toxicology	
BIOL 4524	Biological Laboratory Instrumentation	
HLTH 3113	Health Issues in Diverse Populations (D)	
HHP 3114	Physiology of Exercise	
HHP 4063	Neuroanatomy	
HIST 3913	History of Medicine (H)	
MICR 3223	Advanced Microbiology	
MICR 3253	Immunology	
MICR 4053	Pathogenic Microbiology	
NSCI 4123	Human Nutrition and Metabolism I	
NSCI 4143	Human Nutrition and Metabolism II	
PBIO 4013	Biological Microtechnique	
PSYC 3443	Abnormal Psychology (S)	
PSYC 4263	Affective Neuroscience	
<b>Hours Subtotal</b>		<b>55</b>

<b>Electives</b> <sup>2</sup>	
Select 11 hours	11
MATH 1513 required for students who do not place directly into MATH 1813 (or MATH 1613).	
May need to include 6 hours of a foreign language (see note 3).	
May need to include 6 hours upper-division general education outside major department (see note 2.c.) and 6 additional upper-division hours.	
PSYC 1113 Recommended.	
<b>Hours Subtotal</b>	<b>11</b>
<b>Total Hours</b>	<b>120</b>

1

College and Departmental Requirements that may be used to meet General Education Requirements.

2

With approval from the advisor and department head and a minimum GPA of 3.0, a maximum of 30 hours from an accredited doctoral health program may be substituted for electives or major requirements other than BIOL 3023 General Genetics and BIOL 4133 Evolution.

Additional requirements for professional school admission exist. View Admission Requirement Sheets at [prehealth.okstate.edu](http://prehealth.okstate.edu) (<http://prehealth.okstate.edu>).

## Other Requirements

- See the College of Arts and Sciences Requirements.
- Minimum GPA 2.00 in all BIOL, MICR & P BIO courses.
- **Upper-Division Credit:** Total hours must include at least 44 hours in courses numbered 3000 or above.
- **Hours in One Department:** For B.A. and B.S. degrees, no more than 54 hours in one department may be applied to degree requirements.

## College of Arts and Sciences Requirements

### 1. General Education Requirements

No more than two courses (or eight hours) from the major department (<http://catalog.okstate.edu/college-arts-sciences-major-departments/>) may be used to meet General Education and College and Departmental Requirements. The General Education required English Composition, required U.S. History, required American Government, one required MATH or STAT course, and required foreign language for B.A. degrees do not count against the two-course maximum.

### 2. A&S College/Departmental Requirements

- Arts and Humanities are defined as any course carrying an (H) designation or courses from AMST, ART, DANC, ENGL (except ENGL 3323 Technical Writing) HIST, MUSI, PHIL (except PHIL 1313 Logic and Critical Thinking (A), PHIL 3003 Symbolic Logic (A) and PHIL 4003 Mathematical Logic and Computability), REL, TH, and foreign languages.
- Natural and Mathematical Sciences are defined as any course from the following prefixes: ASTR, BIOC, BIOL, CHEM, CS (except CS 4883 Social Issues in Computing), GEOL, MATH, MICR, P BIO, PHYS, and STAT; or courses from other departments that carry an (A) or (N) general education designation.

- The required six hours of upper-division General Education may not include courses from the student's major department. This requirement may be satisfied by courses also used to satisfy any part of a student's degree program (i.e., in General Education, College Departmental Requirements, Major Requirements or Electives).
- Non-Western Studies Requirement for B.A. and B.F.A.; One 3-hour course in Non-Western Studies (N.W.). This requirement may be satisfied by courses also used to satisfy any part of a student's degree program (i.e., in General Education, College Departmental Requirements, Major Requirements or Electives).
- The College of Arts & Sciences requires a minimum 2.0 GPA in all major requirements and a minimum 2.0 GPA in all major-prefix courses applied to the degree.

### 3. Foreign Language Proficiency

- The foreign language requirement for the B.A. may be satisfied by 9 hours college credit in the same language, which must include 3 hours at the 2000-level, or equivalent proficiency (e.g., passing an advanced standing examination; TOEFL exam; presenting a high school transcript which demonstrates the high school was primarily conducted in a language other than English; etc.). Computer Science courses may not be used to satisfy this requirement. Currently Arabic and Mvskoke are not offered at the 2000-level at OSU.
- The foreign language requirement for the B.S., B.M. and B.F.A. may be satisfied by presenting a high school transcript which demonstrates two years of study of a single foreign language (passing grades at second-year level of study). It may also be satisfied by 6 hours college credit in the same language, which must include language courses 1713 and 1813, or equivalent proficiency (e.g., passing an advanced standing examination; TOEFL exam; presenting a high school transcript which demonstrates the high school was primarily conducted in a language other than English; etc.). Computer Science courses may not be used to satisfy this requirement.
- In addition to a. and b., students pursuing teacher certification must meet novice-high foreign language proficiency by presenting a high school transcript which demonstrates two years of study of a single foreign language with no grade below B. Or, students may complete 3 hours college credit in a single language with no grade below C (or pass an advanced standing examination, College Level Examination Program (CLEP) exam, or Oral Proficiency Interview developed by the American Council on the Teaching of Foreign Languages, equivalent to 3 hours of college credit.) Or, students may meet the requirement by transfer of documentation of meeting the foreign language competency from one of the teacher education programs in the State of Oklahoma approved by the Oklahoma State Regents for Higher Education.

### 4. Exclusions

- Courses used to satisfy the General Education English Composition, U.S. History, American Government, and Mathematics or Statistics requirements will not count toward the 54-hour maximum allowed from one department.
- Courses with ATHL or LEIS prefixes and leisure activity courses may not be used for degree credit.

## Additional State/OSU Requirements

- At least: 60 hours at a four-year institution; 30 hours completed at OSU; 15 of the final 30 or 50% of the upper-division hours in the major field completed at OSU.
- Limit of: one-half of major course requirements as transfer work; one-fourth of hours earned by correspondence; 8 transfer correspondence hours.
- Students will be held responsible for degree requirements in effect at the time of matriculation and any changes that are made, so long as these changes do not result in semester credit hours being added or do not delay graduation.
- Degrees that follow this plan must be completed by the end of Summer 2028.

## Example Plan of Study

### Finish in Four Plan of Study

The plan below is an **example** of how students can successfully complete degree requirements in four years. This suggested class schedule plan may be used as a guide and can be adjusted based on individual needs. Students are required to meet with an academic advisor prior to enrollment each semester to plan their class schedule, and students are ultimately responsible for completing all degree requirements.

Course	Title	Hours
<b>Freshman</b>		
<b>Fall</b>		
ENGL 1113 or ENGL 1313	Composition I or Critical Analysis and Writing I	3
MATH 1813	Preparation for Calculus (A)	3
CHEM 1314	Chemistry I (LN)	4
General Education and College requirements		5
<b>Hours</b>		<b>15</b>
<b>Spring</b>		
ENGL 1213 or ENGL 1413	Composition II or Critical Analysis and Writing II	3
BIOL 1113 & BIOL 1111	Introductory Biology (N) and Introductory Biology Laboratory (LN)	4
CHEM 1515	Chemistry II (LN)	5
General Education courses		3
<b>Hours</b>		<b>15</b>
<b>Sophomore</b>		
<b>Fall</b>		
BIOL 1604	Animal Biology	4
CHEM 3013	Survey of Organic Chemistry	3
CHEM 3012	Survey of Organic Chemistry Laboratory	2
General Education courses		6
<b>Hours</b>		<b>15</b>
<b>Spring</b>		
MICR 2123	Introduction to Microbiology	3
MICR 2132	Introduction to Microbiology Laboratory	2
PHYS 1114	College Physics I (LN)	4
STAT 4013 or STAT 2013	Statistical Methods I (A) or Elementary Statistics (A)	3
General Education courses		3
<b>Hours</b>		<b>15</b>
<b>Junior</b>		
<b>Fall</b>		
BIOL 3204	Physiology	4
PHYS 1214	College Physics II (LN)	4

Major and Elective courses		7
<b>Hours</b>		<b>15</b>
<b>Spring</b>		
BIOL 3214	Human Anatomy	4
MICR 3033	Cell and Molecular Biology	3
Major and Elective courses		8
<b>Hours</b>		<b>15</b>
<b>Senior</b>		
<b>Fall</b>		
BIOL 3023	General Genetics	3
PBIO 1404	Plant Biology (LN)	4
General Education, Major, and Elective courses		8
<b>Hours</b>		<b>15</b>
<b>Spring</b>		
BIOL 4133	Evolution	3
BIOL 3034	General Ecology	4
Major, College, and Elective courses		8
<b>Hours</b>		<b>15</b>
<b>Total Hours</b>		<b>120</b>



# Biology: Environmental Biology, BS

## Degree Requirements

**Requirements for Students Matriculating in or before Academic Year 2022-2023.** Learn more about University Academic Regulation 3.1 (p. 943).

**Minimum Overall Grade Point Average: 2.00**

**Total Hours: 120**

Code	Title	Hours
<b>General Education Requirements</b>		
<i>English Composition</i>		
See Academic Regulation 3.5 (p. 944)		
ENGL 1113 or ENGL 1313	Composition I Critical Analysis and Writing I	3
Select one of the following:		3
ENGL 1213	Composition II	
ENGL 1413	Critical Analysis and Writing II	
ENGL 3323	Technical Writing	
<i>American History &amp; Government</i>		
HIST 1103 or HIST 1483 or HIST 1493	Survey of American History American History to 1865 (H) American History Since 1865 (DH)	3
POLS 1113	American Government	3
<i>Analytical &amp; Quantitative Thought (A)</i>		
MATH 1813 or MATH 1613	Preparation for Calculus (A) (or higher) <sup>1</sup> Trigonometry (A)	3
STAT 4013 or STAT 2013	Statistical Methods I (A) <sup>1</sup> Elementary Statistics (A)	3
<i>Humanities (H)</i>		
Courses designated (H)		6
<i>Natural Sciences (N)</i>		
Must include one Laboratory Science (L) course		
PHYS 1114 or PHYS 2014	College Physics I (LN) <sup>1</sup> University Physics I (LN)	4
PHYS 1214 or PHYS 2114	College Physics II (LN) <sup>1</sup> University Physics II (LN)	4
<i>Social &amp; Behavioral Sciences (S)</i>		
Course designated (S)		3
<i>Additional General Education</i>		
Courses designated (A), (H), (N), or (S)		6
<b>Hours Subtotal</b>		<b>41</b>
<b>Diversity (D) &amp; International Dimension (I)</b>		
May be completed in any part of the degree plan		
Select at least one Diversity (D) course		
Select at least one International Dimension (I) course		
<b>College/Departmental Requirements</b>		
<i>First Year Seminar</i>		
(Transfer students with 15 hours exempt)		1
<i>Arts &amp; Humanities</i>		
See note 2.a.		3
<i>Natural &amp; Mathematical Sciences</i>		

CHEM 1314	Chemistry I (LN)	4
CHEM 1515	Chemistry II (LN)	5
<i>Foreign Language</i>		
See note 3		
0-6 hours		
<i>Upper-Division General Education</i>		
Select 6 hours outside major department		
See note 2.c.		
<b>Hours Subtotal</b>		<b>13</b>
<b>Major Requirements<sup>2</sup></b>		
Minimum GPA 2.50 in Major Requirements OR minimum grade of "C" in each course.		
<i>Core Courses</i>		
BIOL 1113 & BIOL 1111 or BIOL 1114	Introductory Biology (N) and Introductory Biology Laboratory (LN) Introductory Biology (LN)	4
BIOL 1604	Animal Biology	4
BIOL 3023	General Genetics <sup>2</sup>	3
BIOL 3034	General Ecology	4
BIOL 4133	Evolution <sup>2</sup>	3
MICR 2123	Introduction to Microbiology	3
MICR 2132	Introduction to Microbiology Laboratory	2
MICR 3033	Cell and Molecular Biology	3
PBIO 1404	Plant Biology (LN)	4
Select 6 hours of upper-division coursework from: BIOL, MICR, PBIO (excluding general education courses)		6
<i>Related Courses</i>		
BIOL 3163	Environmental Biology	3
Physiology, choose from:		4
BIOL 3204	Physiology (or)	
PBIO 4462 & PBIO 4463	Plant Physiology Laboratory and Plant Physiology	
Organic Chemistry, choose from:		5
CHEM 3013 & CHEM 3012	Survey of Organic Chemistry and Survey of Organic Chemistry Laboratory	
CHEM 3053 & CHEM 3112 & CHEM 3153	Organic Chemistry I and Organic Chemistry Laboratory and Organic Chemistry II	
Select two of the following:		6
BIOL 3513	Principles of Conservation Biology	
BIOL 4273	Environmental Physiology	
BIOL 4303	Organismal Ecotoxicology	
BIOL 4363	Principles of Toxicology	
BIOL 4434	Limnology	
GEOG 3023	Climatology (N)	
GEOG 3153	Conservation of Natural Resources (S)	
GEOG 4053	Biogeography	
GEOG 4073	Climate Change: Past, Present, and Future	
GEOL 3503	Environmental Geology (N)	
GEOL 4503	Introduction to Oceanography (N)	
NREM 4033	Ecology Of Invasive Species	
NREM 4443	Watershed Hydrology and Water Quality	

NREM 4523	Wildlife Management Techniques	
PBIO 4005	Field Botany	
SOC 4433	Environmental Sociology (S)	
<b>Hours Subtotal</b>		<b>54</b>
<b>Electives<sup>2</sup></b>		
Select 12 hours		12
MATH 1513 required for students who do not place directly into MATH 1813 (or MATH 1613).		
May need to include 6 hours of a foreign language. (see note 3.)		
May need to include 6 hours upper-division general education outside major department (see note 2.c.) and 7 additional upper-division hours.		
<b>Hours Subtotal</b>		<b>12</b>
<b>Total Hours</b>		<b>120</b>

1

College and Departmental Requirements that may be used to meet General Education Requirements

2

With approval from the advisor and department head and a minimum GPA of 3.0, a maximum of 30 hours from an accredited doctoral health program may be substituted for electives or major requirements other than BIOL 3023 General Genetics and BIOL 4133 Evolution

## Other Requirements

- See the College of Arts and Sciences Requirements.
- Minimum GPA 2.00 in all BIOL, MICR & PBIO courses.
- **Upper-Division Credit:** Total hours must include at least 44 hours in courses numbered 3000 or above.
- **Hours in One Department:** For B.A. and B.S. degrees, no more than 54 hours in one department may be applied to degree requirements.

## College of Arts and Sciences Requirements

### 1. General Education Requirements

No more than two courses (or eight hours) from the major department (<http://catalog.okstate.edu/college-arts-sciences-major-departments/>) may be used to meet General Education and College and Departmental Requirements. The General Education required English Composition, required U.S. History, required American Government, one required MATH or STAT course, and required foreign language for B.A. degrees do not count against the two-course maximum.

### 2. A&S College/Departmental Requirements

- Arts and Humanities are defined as any course carrying an (H) designation or courses from AMST, ART, DANC, ENGL (except ENGL 3323 Technical Writing) HIST, MUSI, PHIL (except PHIL 1313 Logic and Critical Thinking (A), PHIL 3003 Symbolic Logic (A) and PHIL 4003 Mathematical Logic and Computability), REL, TH, and foreign languages.
- Natural and Mathematical Sciences are defined as any course from the following prefixes: ASTR, BIOC, BIOL, CHEM, CS (except CS 4883 Social Issues in Computing), GEOL, MATH, MICR, PBIO, PHYS, and STAT; or courses from other departments that carry an (A) or (N) general education designation.
- The required six hours of upper-division General Education may not include courses from the student's major department. This

requirement may be satisfied by courses also used to satisfy any part of a student's degree program (i.e., in General Education, College Departmental Requirements, Major Requirements or Electives).

- Non-Western Studies Requirement for B.A. and B.F.A.; One 3-hour course in Non-Western Studies (N.W.). This requirement may be satisfied by courses also used to satisfy any part of a student's degree program (i.e., in General Education, College Departmental Requirements, Major Requirements or Electives).
  - The College of Arts & Sciences requires a minimum 2.0 GPA in all major requirements and a minimum 2.0 GPA in all major-prefix courses applied to the degree.
- ### 3. Foreign Language Proficiency
- The foreign language requirement for the B.A. may be satisfied by 9 hours college credit in the same language, which must include 3 hours at the 2000-level, or equivalent proficiency (e.g., passing an advanced standing examination; TOEFL exam; presenting a high school transcript which demonstrates the high school was primarily conducted in a language other than English; etc.). Computer Science courses may not be used to satisfy this requirement. Currently Arabic and Mvskoke are not offered at the 2000-level at OSU.
  - The foreign language requirement for the B.S., B.M. and B.F.A. may be satisfied by presenting a high school transcript which demonstrates two years of study of a single foreign language (passing grades at second-year level of study). It may also be satisfied by 6 hours college credit in the same language, which must include language courses 1713 and 1813, or equivalent proficiency (e.g., passing an advanced standing examination; TOEFL exam; presenting a high school transcript which demonstrates the high school was primarily conducted in a language other than English; etc.). Computer Science courses may not be used to satisfy this requirement.
  - In addition to a. and b., students pursuing teacher certification must meet novice-high foreign language proficiency by presenting a high school transcript which demonstrates two years of study of a single foreign language with no grade below B. Or, students may complete 3 hours college credit in a single language with no grade below C (or pass an advanced standing examination, College Level Examination Program (CLEP) exam, or Oral Proficiency Interview developed by the American Council on the Teaching of Foreign Languages, equivalent to 3 hours of college credit.) Or, students may meet the requirement by transfer of documentation of meeting the foreign language competency from one of the teacher education programs in the State of Oklahoma approved by the Oklahoma State Regents for Higher Education.
- ### 4. Exclusions
- Courses used to satisfy the General Education English Composition, U.S. History, American Government, and Mathematics or Statistics requirements will not count toward the 54-hour maximum allowed from one department.
  - Courses with ATHL or LEIS prefixes and leisure activity courses may not be used for degree credit.

## Additional State/OSU Requirements

- At least: 60 hours at a four-year institution; 30 hours completed at OSU; 15 of the final 30 or 50% of the upper-division hours in the major field completed at OSU.

- Limit of: one-half of major course requirements as transfer work; one-fourth of hours earned by correspondence; 8 transfer correspondence hours.
- Students will be held responsible for degree requirements in effect at the time of matriculation and any changes that are made, so long as these changes do not result in semester credit hours being added or do not delay graduation.
- Degrees that follow this plan must be completed by the end of Summer 2028.

## Example Plan of Study

### Finish in Four Plan of Study

The plan below is an **example** of how students can successfully complete degree requirements in four years. This suggested class schedule plan may be used as a guide and can be adjusted based on individual needs. Students are required to meet with an academic advisor prior to enrollment each semester to plan their class schedule, and students are ultimately responsible for completing all degree requirements.

Course	Title	Hours
<b>Freshman</b>		
<b>Fall</b>		
ENGL 1113 or ENGL 1313	Composition I or Critical Analysis and Writing I	3
BIOL 1113 & BIOL 1111	Introductory Biology (N) and Introductory Biology Laboratory (LN)	4
MATH 1813	Preparation for Calculus (A)	3
General Education and College requirements		5
<b>Hours</b>		<b>15</b>
<b>Spring</b>		
ENGL 1213 or ENGL 1413	Composition II or Critical Analysis and Writing II	3
BIOL 1604	Animal Biology	4
CHEM 1314	Chemistry I (LN)	4
General Education courses		4
<b>Hours</b>		<b>15</b>
<b>Sophomore</b>		
<b>Fall</b>		
CHEM 1515	Chemistry II (LN)	5
PBIO 1404	Plant Biology (LN)	4
STAT 2013 or STAT 4013	Elementary Statistics (A) or Statistical Methods I (A)	3
General Education courses		3
<b>Hours</b>		<b>15</b>
<b>Spring</b>		
BIOL 3034	General Ecology	4
BIOL 3163	Environmental Biology	3
CHEM 3013 or CHEM 3053	Survey of Organic Chemistry or Organic Chemistry I	3
MICR 2123	Introduction to Microbiology	3
General Education courses		2
<b>Hours</b>		<b>15</b>
<b>Junior</b>		
<b>Fall</b>		
MICR 2132	Introduction to Microbiology Laboratory	2
CHEM 3012 or CHEM 3112	Survey of Organic Chemistry Laboratory or Organic Chemistry Laboratory	2
Major, College, and Elective courses		11
<b>Hours</b>		<b>15</b>
<b>Spring</b>		
PHYS 1114	College Physics I (LN)	4

MICR 3033	Cell and Molecular Biology	3
BIOL 3204 or PBIO 4463	Physiology or Plant Physiology	4
(PBIO 4462 if PBIO 4463 is selected)		
Major and Elective courses		4
<b>Hours</b>		<b>15</b>
<b>Senior</b>		
<b>Fall</b>		
BIOL 3023	General Genetics	3
PHYS 1214	College Physics II (LN)	4
General Education and Elective courses		8
<b>Hours</b>		<b>15</b>
<b>Spring</b>		
BIOL 4133	Evolution	3
Major, College, and Elective courses		12
<b>Hours</b>		<b>15</b>
<b>Total Hours</b>		<b>120</b>

# Biology: Pre-Medical Sciences, BS

## Degree Requirements

**Requirements for Students Matriculating in or before Academic Year 2022-2023.** Learn more about University Academic Regulation 3.1 (p. 943).

**Minimum Overall Grade Point Average: 2.00**

**Total Hours: 120**

Code	Title	Hours
<b>General Education Requirements</b>		
<i>English Composition</i>		
See Academic Regulation 3.5 (p. 944)		
ENGL 1113	Composition I	3
or ENGL 1313	Critical Analysis and Writing I	
ENGL 1213	Composition II	3
or ENGL 1413	Critical Analysis and Writing II	
or ENGL 3323	Technical Writing	
<i>American History &amp; Government</i>		
HIST 1103	Survey of American History	3
or HIST 1483	American History to 1865 (H)	
or HIST 1493	American History Since 1865 (DH)	
POLS 1113	American Government	3
<i>Analytical &amp; Quantitative Thought (A)</i>		
MATH 1813	Preparation for Calculus (A) (or higher) <sup>1</sup>	3
or MATH 1613	Trigonometry (A)	
STAT 4013	Statistical Methods I (A) <sup>1</sup>	3
or STAT 2013	Elementary Statistics (A)	
<i>Humanities (H)</i>		
Courses designated (H)		6
<i>Natural Sciences (N)</i>		
Must include one Laboratory Science (L) course.		
PHYS 1114	College Physics I (LN) <sup>1</sup>	4
or PHYS 2014	University Physics I (LN)	
PHYS 1214	College Physics II (LN) <sup>1</sup>	4
or PHYS 2114	University Physics II (LN)	
<i>Social &amp; Behavioral Sciences (S)</i>		
Course designated (S)		3
<i>Additional General Education</i>		
Courses designated (A), (H), (N), or (S)		6
<b>Hours Subtotal</b>		<b>41</b>
<b>Diversity (D) &amp; International Dimension (I)</b>		
May be completed in any part of the degree plan.		
At least one Diversity (D) course		
At least one International Dimension (I) course		
<b>College/Departmental Requirements</b>		
<i>First Year Seminar</i>		
(Transfer students with 15 hours exempt)		1
<i>Arts &amp; Humanities</i>		
(See note 2.a.)		3
<i>Natural &amp; Mathematical Sciences</i>		
CHEM 1314	Chemistry I (LN)	4

CHEM 1515	Chemistry II (LN)	5
<i>Foreign Languages</i>		
(See note 3.)		0
0-6 hours		
<i>Upper-Division General Education</i>		
6 hours outside major department		
(See note 2.c.)		
<b>Hours Subtotal</b>		<b>13</b>
<b>Major Requirements <sup>2</sup></b>		
Minimum GPA 2.50 in Major Requirements OR minimum grade of "C" in each course.		
<i>Core Courses:</i>		
BIOL 1113	Introductory Biology (N)	4
& BIOL 1111	and Introductory Biology Laboratory (LN)	
or BIOL 1114	Introductory Biology (LN)	
BIOL 1604	Animal Biology	4
BIOL 3023	General Genetics <sup>2</sup>	3
BIOL 3034	General Ecology	4
BIOL 4133	Evolution <sup>2</sup>	3
MICR 2123	Introduction to Microbiology	3
MICR 2132	Introduction to Microbiology Laboratory	2
MICR 3033	Cell and Molecular Biology	3
PBIO 1404	Plant Biology (LN)	4
6 hours upper-division coursework from BIOL, MICR, PBIO (excluding general education courses)		6
<i>Related Courses:</i>		
BIOL 3204	Physiology	4
CHEM 3053	Organic Chemistry I	3
CHEM 3112	Organic Chemistry Laboratory	2
CHEM 3153	Organic Chemistry II	3
Choose two of the following:		6
BIOC 3653	Survey of Biochemistry	
BIOL 3233	Human Reproduction	
BIOL 4024	Histology	
BIOL 4104	General Parasitology	
BIOL 4134	Embryology	
BIOL 4253	Pharmacology	
BIOL 4283	Endocrinology	
BIOL 4363	Principles of Toxicology	
MICR 3223	Advanced Microbiology	
MICR 3253	Immunology	
MICR 4423	Antibiotics and Antibiotic Resistance	
<i>Supplemental Courses:</i>		
3 hours upper-division coursework from the following (no more than 3 hours of general education in the natural sciences):		3
ENGL 3323	Technical Writing	
HLTH 3113	Health Issues in Diverse Populations (D)	
HHP 4063	Neuroanatomy	
HIST 3913	History of Medicine (H)	
PHIL 3833	Biomedical Ethics (H)	
PSYC 3443	Abnormal Psychology (S)	
PSYC 3073	Neurobiological Psychology (N)	
PSYC 4263	Affective Neuroscience	

SOC 4153	Sociology of Health and Illness
Or from BIOC, CHEM, ENVR, GEOG, GEOL, MATH, PHYS, and STAT	
<b>Hours Subtotal</b>	<b>57</b>
<b>Electives</b>	
Select 9 hours	9
MATH 1513 required for students who do not place directly into MATH 1813 (or MATH 1613).	
May need to include 6 hours of a foreign language (see note 3).	
May need to include 6 hours upper-division general education outside major department (see note 2.c.) and 4 additional upper-division hours.	
<b>Hours Subtotal</b>	<b>9</b>
<b>Total Hours</b>	<b>120</b>

1

College and Departmental Requirements that may be used to meet General Education Requirements.

2

With approval from the advisor and department head and a minimum GPA of 3.0, a maximum of 30 hours from an accredited doctoral health program may be substituted for electives or major requirements other than BIOL 3023 General Genetics and BIOL 4133 Evolution.

## Other Requirements

- See the College of Arts and Sciences Requirements.
- Minimum GPA 2.00 in all BIOL, MICR & PBIO courses.
- **Upper-Division Credit:** Total hours must include at least 48 hours in courses numbered 3000 or above.
- **Hours in One Department:** For B.A. and B.S. degrees, no more than 54 hours in one department may be applied to degree requirements.

## College of Arts and Sciences Requirements

### 1. General Education Requirements

No more than two courses (or eight hours) from the major department (<http://catalog.okstate.edu/college-arts-sciences-major-departments/>) may be used to meet General Education and College and Departmental Requirements. The General Education required English Composition, required U.S. History, required American Government, one required MATH or STAT course, and required foreign language for B.A. degrees do not count against the two-course maximum.

### 2. A&S College/Departmental Requirements

- Arts and Humanities are defined as any course carrying an (H) designation or courses from AMST, ART, DANC, ENGL (except ENGL 3323 Technical Writing) HIST, MUSI, PHIL (except PHIL 1313 Logic and Critical Thinking (A), PHIL 3003 Symbolic Logic (A) and PHIL 4003 Mathematical Logic and Computability), REL, TH, and foreign languages.
- Natural and Mathematical Sciences are defined as any course from the following prefixes: ASTR, BIOC, BIOL, CHEM, CS (except CS 4883 Social Issues in Computing), GEOL, MATH, MICR, PBIO, PHYS, and STAT; or courses from other departments that carry an (A) or (N) general education designation.
- The required six hours of upper-division General Education may not include courses from the student's major department. This

requirement may be satisfied by courses also used to satisfy any part of a student's degree program (i.e., in General Education, College Departmental Requirements, Major Requirements or Electives).

- Non-Western Studies Requirement for B.A. and B.F.A.; One 3-hour course in Non-Western Studies (N.W.). This requirement may be satisfied by courses also used to satisfy any part of a student's degree program (i.e., in General Education, College Departmental Requirements, Major Requirements or Electives).
  - The College of Arts & Sciences requires a minimum 2.0 GPA in all major requirements and a minimum 2.0 GPA in all major-prefix courses applied to the degree.
- ### 3. Foreign Language Proficiency
- The foreign language requirement for the B.A. may be satisfied by 9 hours college credit in the same language, which must include 3 hours at the 2000-level, or equivalent proficiency (e.g., passing an advanced standing examination; TOEFL exam; presenting a high school transcript which demonstrates the high school was primarily conducted in a language other than English; etc.). Computer Science courses may not be used to satisfy this requirement. Currently Arabic and Mvskoke are not offered at the 2000-level at OSU.
  - The foreign language requirement for the B.S., B.M. and B.F.A. may be satisfied by presenting a high school transcript which demonstrates two years of study of a single foreign language (passing grades at second-year level of study). It may also be satisfied by 6 hours college credit in the same language, which must include language courses 1713 and 1813, or equivalent proficiency (e.g., passing an advanced standing examination; TOEFL exam; presenting a high school transcript which demonstrates the high school was primarily conducted in a language other than English; etc.). Computer Science courses may not be used to satisfy this requirement.
  - In addition to a. and b., students pursuing teacher certification must meet novice-high foreign language proficiency by presenting a high school transcript which demonstrates two years of study of a single foreign language with no grade below B. Or, students may complete 3 hours college credit in a single language with no grade below C (or pass an advanced standing examination, College Level Examination Program (CLEP) exam, or Oral Proficiency Interview developed by the American Council on the Teaching of Foreign Languages, equivalent to 3 hours of college credit.) Or, students may meet the requirement by transfer of documentation of meeting the foreign language competency from one of the teacher education programs in the State of Oklahoma approved by the Oklahoma State Regents for Higher Education.
- ### 4. Exclusions
- Courses used to satisfy the General Education English Composition, U.S. History, American Government, and Mathematics or Statistics requirements will not count toward the 54-hour maximum allowed from one department.
  - Courses with ATHL or LEIS prefixes and leisure activity courses may not be used for degree credit.

## Additional State/OSU Requirements

- At least: 60 hours at a four-year institution; 30 hours completed at OSU; 15 of the final 30 or 50% of the upper-division hours in the major field completed at OSU.

- Limit of: one-half of major course requirements as transfer work; one-fourth of hours earned by correspondence; 8 transfer correspondence hours.
- Students will be held responsible for degree requirements in effect at the time of matriculation and any changes that are made, so long as these changes do not result in semester credit hours being added or do not delay graduation.
- Degrees that follow this plan must be completed by the end of Summer 2028.

## Example Plan of Study Finish in Four Plan of Study

The plan below is an example of how students can successfully complete degree requirements in four years. This suggested class schedule plan may be used as a guide and can be adjusted based on individual needs. Students are required to meet with an academic advisor prior to enrollment each semester to plan their class schedule, and students are ultimately responsible for completing all degree requirements.

Course	Title	Hours
<b>Freshman</b>		
<b>Fall</b>		
A&S 1111	A&S First Year Seminar	1
ENGL 1113	Composition I	3
MATH 1813	Preparation for Calculus (A)	3
CHEM 1314	Chemistry I (LN)	4
UNIV 2511	Introduction to Health Careers (Suggested)	1
General Education course		3
<b>Hours</b>		<b>15</b>
<b>Spring</b>		
ENGL 1213	Composition II	3
BIOL 1113 & BIOL 1111	Introductory Biology (N) and Introductory Biology Laboratory (LN)	4
CHEM 1515	Chemistry II (LN)	5
STAT 2013 or STAT 4013	Elementary Statistics (A) or Statistical Methods I (A)	3
<b>Hours</b>		<b>15</b>
<b>Sophomore</b>		
<b>Fall</b>		
BIOL 1604	Animal Biology	4
CHEM 3053	Organic Chemistry I	3
MICR 2123	Introduction to Microbiology	3
General Education courses		6
<b>Hours</b>		<b>16</b>
<b>Spring</b>		
CHEM 3153	Organic Chemistry II	3
CHEM 3112	Organic Chemistry Laboratory	2
MICR 2132	Introduction to Microbiology Laboratory	2
General Education and Elective courses		7
UNIV 2611	Health Portfolio and Self-Development (Suggested)	1
<b>Hours</b>		<b>15</b>
<b>Junior</b>		
<b>Fall</b>		
BIOL 3204	Physiology	4
PHYS 1114	College Physics I (LN)	4
BIOC 3653	Survey of Biochemistry	3
MICR 3033	Cell and Molecular Biology	3
Elective courses (UNIV 3511 suggested)		1
<b>Hours</b>		<b>15</b>
<b>Spring</b>		
PHYS 1214	College Physics II (LN)	4

Major, College, and Elective courses		11
<b>Hours</b>		<b>15</b>
<b>Senior</b>		
<b>Fall</b>		
BIOL 3023	General Genetics	3
PBIO 1404	Plant Biology (LN)	4
Major, College, and Elective courses		9
<b>Hours</b>		<b>16</b>
<b>Spring</b>		
BIOL 3034	General Ecology	4
BIOL 4133	Evolution	3
Major and Elective courses		6
<b>Hours</b>		<b>13</b>
<b>Total Hours</b>		<b>120</b>

1

Speak with academic advisor about saving General Education electives and Humanities (H) for Upper-division courses with International (I) and Diversity (D) dimensions.



# Biology: Secondary Teacher Certification, BS

## Degree Requirements

Requirements for Students Matriculating in or before Academic Year 2022-2023. Learn more about University Academic Regulation 3.1 (p. 943).

Minimum Overall Grade Point Average: 2.50

Total Hours: 120

Code	Title	Hours
<b>General Education Requirements</b>		
<i>English Composition</i>		
See Academic Regulation 3.5 (p. 944)		
ENGL 1113 or ENGL 1313	Composition I Critical Analysis and Writing I	3
Select one of the following:		3
ENGL 1213	Composition II	
ENGL 1413	Critical Analysis and Writing II	
ENGL 3323	Technical Writing	
<i>American History &amp; Government</i>		
HIST 1103 or HIST 1483 or HIST 1493	Survey of American History American History to 1865 (H) American History Since 1865 (DH)	3
POLS 1113	American Government	3
<i>Analytical &amp; Quantitative Thought (A)</i>		
MATH 1813 or MATH 1613	Preparation for Calculus (A) (or higher) <sup>1,2</sup> Trigonometry (A)	3
STAT 4013 or STAT 2013	Statistical Methods I (A) <sup>1,2</sup> Elementary Statistics (A)	3
<i>Humanities (H)</i>		
PHIL 3933	Creation and Evolution <sup>1</sup>	3
Course designated (H)		3
<i>Natural Sciences (N)</i>		
Must include one Laboratory Science (L) course		
PHYS 1114 or PHYS 2014	College Physics I (LN) <sup>1,2</sup> University Physics I (LN)	4
BIOL 1113 & BIOL 1111	Introductory Biology (N) and Introductory Biology Laboratory (LN) <sup>1,2</sup>	4
or BIOL 1114	Introductory Biology (LN)	
PBIO 1404	Plant Biology (LN) <sup>1,2</sup>	4
<i>Social &amp; Behavioral Sciences (S)</i>		
Course designated (S)		3
<i>Additional General Education</i>		
Courses designated (A), (H), (N), or (S)		1
<b>Hours Subtotal</b>		<b>40</b>
<b>Diversity (D) &amp; International Dimension (I)</b>		
May be completed in any part of the degree plan		
Select at least one Diversity (D) course		
Select at least one International Dimension (I) course		
<b>College/Departmental Requirements</b>		

### First Year Seminar

(Transfer students with 15 hours exempt) 1

### Arts & Humanities

See note 2.a. 3

### Natural & Mathematical Sciences

CHEM 1314 Chemistry I (LN)<sup>2</sup> 4

CHEM 1515 Chemistry II (LN)<sup>2</sup> 5

### Foreign Language

See note 3

0-6 hours

### Upper-Division General Education

Select 6 hours outside major department

See note 2.c.

**Hours Subtotal 13**

### Major Requirements

#### Biology Core:

Minimum GPA 2.50 and minimum grade of "C" or "P" for courses in Biology Core and those denoted with <sup>2</sup>

BIOL 1604 Animal Biology 4

BIOL 3023 General Genetics 3

BIOL 3034 General Ecology 4

BIOL 3204 Physiology 4

BIOL 4133 Evolution 3

CHEM 3013 Survey of Organic Chemistry 3

MICR 2123 Introduction to Microbiology 3

MICR 2132 Introduction to Microbiology Laboratory 2

MICR 3033 Cell and Molecular Biology 3

Select 3 hours PBIO coursework 3000- or 4000-level. 3

#### Secondary Education Professional Core:

Minimum GPA 2.50 and minimum grade of "C" or "P" in each course

SMED 1012 Inquiry Approaches to Teaching 2

SMED 3013 Knowing and Learning in Mathematics and Science 3

SMED 4013 Classroom Interactions 3

SMED 4023 Problem-Based Learning in Mathematics and Science 3

SMED 4611 Authentic Research in the Science Classroom<sup>3</sup> 1

SMED 4613 Teaching the Nature of Science Through an Inquiry Approach<sup>3</sup> 3

SMED 4713 Teaching and Learning Science in the Secondary School<sup>3</sup> 3

SMED 4723 Senior Seminar in Secondary Mathematics and Science Education<sup>3</sup> 3

SPED 3202 Educating Exceptional Learners (D) 2

CIED 4720 Internship in the Secondary Classroom<sup>3</sup> 6

**Hours Subtotal 61**

### Electives

Select 6 hours 6

MATH 1513 required for students who do not place directly into MATH 1813 (or MATH 1613).

May need to include 6 hours of a foreign language (see note 3)

<b>Hours Subtotal</b>	<b>6</b>
<b>Total Hours</b>	<b>120</b>

## Other Requirements

- See the College of Arts and Sciences Requirements.
- **Upper-Division Credit:** Total hours must include at least 48 hours in courses numbered 3000 or above.
- **Hours in One Department:** For B.A. and B.S. degrees, no more than 54 hours in one department may be applied to degree requirements.

## College of Arts and Sciences Requirements

### 1. General Education Requirements

No more than two courses (or eight hours) from the major department (<http://catalog.okstate.edu/college-arts-sciences-major-departments/>) may be used to meet General Education and College and Departmental Requirements. The General Education required English Composition, required U.S. History, required American Government, one required MATH or STAT course, and required foreign language for B.A. degrees do not count against the two-course maximum.

### 2. A&S College/Departmental Requirements

- Arts and Humanities are defined as any course carrying an (H) designation or courses from AMST, ART, DANC, ENGL (except ENGL 3323 Technical Writing) HIST, MUSI, PHIL (except PHIL 1313 Logic and Critical Thinking (A), PHIL 3003 Symbolic Logic (A) and PHIL 4003 Mathematical Logic and Computability), REL, TH, and foreign languages.
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- The required six hours of upper-division General Education may not include courses from the student's major department. This requirement may be satisfied by courses also used to satisfy any part of a student's degree program (i.e., in General Education, College Departmental Requirements, Major Requirements or Electives).
- Non-Western Studies Requirement for B.A. and B.F.A.; One 3-hour course in Non-Western Studies (N.W.). This requirement may be satisfied by courses also used to satisfy any part of a student's degree program (i.e., in General Education, College Departmental Requirements, Major Requirements or Electives).
- The College of Arts & Sciences requires a minimum 2.0 GPA in all major requirements and a minimum 2.0 GPA in all major-prefix courses applied to the degree.

### 3. Foreign Language Proficiency

- The foreign language requirement for the B.A. may be satisfied by 9 hours college credit in the same language, which must include 3 hours at the 2000-level, or equivalent proficiency (e.g., passing an advanced standing examination; TOEFL exam; presenting a high school transcript which demonstrates the high school was primarily conducted in a language other than English; etc.). Computer Science courses may not be used to satisfy this requirement. Currently Arabic and Mvskoke are not offered at the 2000-level at OSU.

- The foreign language requirement for the B.S., B.M. and B.F.A. may be satisfied by presenting a high school transcript which demonstrates two years of study of a single foreign language (passing grades at second-year level of study). It may also be satisfied by 6 hours college credit in the same language, which must include language courses 1713 and 1813, or equivalent proficiency (e.g., passing an advanced standing examination; TOEFL exam; presenting a high school transcript which demonstrates the high school was primarily conducted in a language other than English; etc.). Computer Science courses may not be used to satisfy this requirement.
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### 4. Exclusions

- Courses used to satisfy the General Education English Composition, U.S. History, American Government, and Mathematics or Statistics requirements will not count toward the 54-hour maximum allowed from one department.
- Courses with ATHL or LEIS prefixes and leisure activity courses may not be used for degree credit.

## Additional State/OSU Requirements

- At least: 60 hours at a four-year institution; 30 hours completed at OSU; 15 of the final 30 or 50% of the upper-division hours in the major field completed at OSU.
- Limit of: one-half of major course requirements as transfer work; one-fourth of hours earned by correspondence; 8 transfer correspondence hours.
- Students will be held responsible for degree requirements in effect at the time of matriculation and any changes that are made, so long as these changes do not result in semester credit hours being added or do not delay graduation.
- Degrees that follow this plan must be completed by the end of Summer 2028.

## Example Plan of Study

### Finish in Four Plan of Study

The plan below is an **example** of how students can successfully complete degree requirements in four years. This suggested class schedule plan may be used as a guide and can be adjusted based on individual needs. Students are required to meet with an academic advisor prior to enrollment each semester to plan their class schedule, and students are ultimately responsible for completing all degree requirements.

Course	Title	Hours		
			SMED 4723	Senior Seminar in Secondary Mathematics and Science Education
				3
<b>Freshman</b>				
<b>Fall</b>				<b>Hours</b>
ENGL 1113 or ENGL 1313	Composition I or Critical Analysis and Writing I	3		<b>9</b>
MATH 1813	Preparation for Calculus (A)	3		
BIOL 1113 & BIOL 1111	Introductory Biology (N) and Introductory Biology Laboratory (LN)	4		
SMED 1012	Inquiry Approaches to Teaching	2		
General Education and College courses		4		
	<b>Hours</b>	<b>16</b>		
<b>Spring</b>				
ENGL 1213 or ENGL 1413	Composition II or Critical Analysis and Writing II	3		
CHEM 1314	Chemistry I (LN)	4		
BIOL 1604	Animal Biology	4		
General Education courses		3		
	<b>Hours</b>	<b>14</b>		
<b>Sophomore</b>				
<b>Fall</b>				
CHEM 1515	Chemistry II (LN)	5		
PBIO 1404	Plant Biology (LN)	4		
MICR 2123	Introduction to Microbiology	3		
General Education courses		3		
	<b>Hours</b>	<b>15</b>		
<b>Spring</b>				
BIOL 3034	General Ecology	4		
MICR 2132	Introduction to Microbiology Laboratory	2		
SPED 3202	Educating Exceptional Learners (D)	2		
SMED 3013	Knowing and Learning in Mathematics and Science	3		
General Education and College courses		6		
	<b>Hours</b>	<b>17</b>		
<b>Junior</b>				
<b>Fall</b>				
BIOL 3023	General Genetics	3		
PHYS 1114	College Physics I (LN)	4		
MICR 3033	Cell and Molecular Biology	3		
PHIL 3933	Creation and Evolution	3		
SMED 4013	Classroom Interactions	3		
	<b>Hours</b>	<b>16</b>		
<b>Spring</b>				
BIOL 3204	Physiology	4		
CHEM 3013	Survey of Organic Chemistry	3		
SMED 4611	Authentic Research in the Science Classroom	1		
SMED 4613	Teaching the Nature of Science Through an Inquiry Approach	3		
Major and Elective courses		6		
	<b>Hours</b>	<b>17</b>		
<b>Senior</b>				
<b>Fall</b>				
BIOL 4133	Evolution	3		
STAT 4013 or STAT 2013	Statistical Methods I (A) or Elementary Statistics (A)	3		
SMED 4023	Problem-Based Learning in Mathematics and Science	3		
SMED 4713	Teaching and Learning Science in the Secondary School	3		
Electives		4		
	<b>Hours</b>	<b>16</b>		
<b>Spring</b>				
CIED 4720	Internship in the Secondary Classroom	6		
			<b>Total Hours</b>	<b>120</b>

# Physiology, BS

## Degree Requirements

**Requirements for Students Matriculating in or before Academic Year 2022-2023.** Learn more about University Academic Regulation 3.1 (p. 943).

**Minimum Overall Grade Point Average: 2.50**

**Total Hours: 120**

Code	Title	Hours
<b>General Education Requirements</b>		
<i>English Composition</i>		
See Academic Regulation 3.5 (p. 944)		
ENGL 1113	Composition I	3
or ENGL 1313	Critical Analysis and Writing I	
Select one of the following:		3
ENGL 1213	Composition II	
ENGL 1413	Critical Analysis and Writing II	
ENGL 3323	Technical Writing	
<i>American History &amp; Government</i>		
HIST 1103	Survey of American History	3
or HIST 1483	American History to 1865 (H)	
or HIST 1493	American History Since 1865 (DH)	
POLS 1113	American Government	3
<i>Analytical &amp; Quantitative Thought (A)</i>		
MATH 2144	Calculus I (A) <sup>1</sup>	4
STAT 4013	Statistical Methods I (A) <sup>1</sup>	3
or STAT 2013	Elementary Statistics (A)	
<i>Humanities (H)</i>		
Courses designated (H)		6
<i>Natural Sciences (N)</i>		
Must include one Laboratory Science (L) course		
PHYS 1114	College Physics I (LN) <sup>1</sup>	4
or PHYS 2014	University Physics I (LN)	
PHYS 1214	College Physics II (LN) <sup>1</sup>	4
or PHYS 2114	University Physics II (LN)	
<i>Social &amp; Behavioral Sciences (S)</i>		
Course designated (S)		3
<i>Additional General Education</i>		
Courses designated (A), (H), (N), or (S)		6
<b>Hours Subtotal</b>		<b>42</b>
<b>Diversity (D) &amp; International Dimension (I)</b>		
May be completed in any part of the degree plan		
Select at least one Diversity (D) course		
Select at least one International Dimension (I) course		
<b>College/Departmental Requirements</b>		
<i>First Year Seminar</i>		
(Transfer students with 15 hours exempt)		1
<i>Arts &amp; Humanities</i>		
See note 2.a.		3
<i>Natural &amp; Mathematical Sciences</i>		
CHEM 1314	Chemistry I (LN)	4

CHEM 1515	Chemistry II (LN)	5
<i>Foreign Language</i>		
See note 3		0
0-6 hours		
<i>Upper-Division General Education</i>		
Select 6 hours outside major department		
See note 2.c.		
<b>Hours Subtotal</b>		<b>13</b>
<b>Major Requirements <sup>2</sup></b>		
Minimum GPA 2.50 in Major Requirements with a minimum grade of "C" in each course.		
<i>Core Courses</i>		
BIOC 3653	Survey of Biochemistry	3
BIOL 1113	Introductory Biology (N)	4
& BIOL 1111	and Introductory Biology Laboratory (LN)	
or BIOL 1114	Introductory Biology (LN)	
BIOL 1604	Animal Biology	4
BIOL 3023	General Genetics <sup>2</sup>	3
BIOL 3034	General Ecology	4
BIOL 3114	Vertebrate Zoology	4
BIOL 3204	Physiology	4
BIOL 4133	Evolution <sup>2</sup>	3
BIOL 4215	Mammalian Physiology	5
BIOL 4223	Mammalian Physiology Capstone Laboratory	3
CHEM 3053	Organic Chemistry I	3
CHEM 3112	Organic Chemistry Laboratory	2
CHEM 3153	Organic Chemistry II	3
MICR 2123	Introduction to Microbiology	3
MICR 2132	Introduction to Microbiology Laboratory	2
MICR 3033	Cell and Molecular Biology	3
<i>Related Courses</i>		
Select two courses, including at least one BIOL, from the following:		6
ANSI 3543	Principles of Animal Nutrition	
BIOL 4024	Histology	
BIOL 4073	Principles of Neuroscience	
BIOL 4104	General Parasitology	
BIOL 4134	Embryology	
BIOL 4253	Pharmacology	
BIOL 4273	Environmental Physiology	
BIOL 4283	Endocrinology	
BIOL 4293	Behavioral Neuroendocrinology	
BIOL 4303	Organismal Ecotoxicology	
BIOL 4363	Principles of Toxicology	
HHP 4063	Neuroanatomy	
MICR 3223	Advanced Microbiology	
MICR 3143	Medical Mycology	
MICR 3253	Immunology	
MICR 4123	Virology	
MICR 4423	Antibiotics and Antibiotic Resistance	
<b>Hours Subtotal</b>		<b>59</b>
<b>Electives <sup>2</sup></b>		

Select 6 hours	6
MATH 1513 and MATH 1813 required for students who do not place directly into MATH 2144.	
May need to include 6 hours of a foreign language. See note 3	
May need to include 6 hours upper-division general education outside major department (see note 2.c.) and 2 additional upper-division hours	
<b>Hours Subtotal</b>	<b>6</b>
<b>Total Hours</b>	<b>120</b>

1

College and Departmental Requirements that may be used to meet General Education Requirements.

2

With approval from the advisor and department head and a minimum GPA of 3.0, a maximum of 30 hours from an accredited doctoral health program may be substituted for electives or major requirements other than BIOL 3023 General Genetics and BIOL 4133 Evolution.

## Other Requirements

- See the College of Arts and Sciences Requirements.
- **Upper-Division Credit:** Total hours must include at least 48 hours in courses numbered 3000 or above.
- **Hours in One Department:** For B.A. and B.S. degrees, no more than 54 hours in one department may be applied to degree requirements.

## College of Arts and Sciences Requirements

### 1. General Education Requirements

No more than two courses (or eight hours) from the major department (<http://catalog.okstate.edu/college-arts-sciences-major-departments/>) may be used to meet General Education and College and Departmental Requirements. The General Education required English Composition, required U.S. History, required American Government, one required MATH or STAT course, and required foreign language for B.A. degrees do not count against the two-course maximum.

### 2. A&S College/Departmental Requirements

- Arts and Humanities are defined as any course carrying an (H) designation or courses from AMST, ART, DANC, ENGL (except ENGL 3323 Technical Writing) HIST, MUSI, PHIL (except PHIL 1313 Logic and Critical Thinking (A), PHIL 3003 Symbolic Logic (A) and PHIL 4003 Mathematical Logic and Computability), REL, TH, and foreign languages.
- Natural and Mathematical Sciences are defined as any course from the following prefixes: ASTR, BIOC, BIOL, CHEM, CS (except CS 4883 Social Issues in Computing), GEOL, MATH, MICR, PBIO, PHYS, and STAT; or courses from other departments that carry an (A) or (N) general education designation.
- The required six hours of upper-division General Education may not include courses from the student's major department. This requirement may be satisfied by courses also used to satisfy any part of a student's degree program (i.e., in General Education, College Departmental Requirements, Major Requirements or Electives).
- Non-Western Studies Requirement for B.A. and B.F.A.; One 3-hour course in Non-Western Studies (N.W.). This requirement may be satisfied by courses also used to satisfy any part of a student's

degree program (i.e., in General Education, College Departmental Requirements, Major Requirements or Electives).

- The College of Arts & Sciences requires a minimum 2.0 GPA in all major requirements and a minimum 2.0 GPA in all major-prefix courses applied to the degree.

### 3. Foreign Language Proficiency

- The foreign language requirement for the B.A. may be satisfied by 9 hours college credit in the same language, which must include 3 hours at the 2000-level, or equivalent proficiency (e.g., passing an advanced standing examination; TOEFL exam; presenting a high school transcript which demonstrates the high school was primarily conducted in a language other than English; etc.). Computer Science courses may not be used to satisfy this requirement. Currently Arabic and Mvskoke are not offered at the 2000-level at OSU.
- The foreign language requirement for the B.S., B.M. and B.F.A. may be satisfied by presenting a high school transcript which demonstrates two years of study of a single foreign language (passing grades at second-year level of study). It may also be satisfied by 6 hours college credit in the same language, which must include language courses 1713 and 1813, or equivalent proficiency (e.g., passing an advanced standing examination; TOEFL exam; presenting a high school transcript which demonstrates the high school was primarily conducted in a language other than English; etc.). Computer Science courses may not be used to satisfy this requirement.
- In addition to a. and b., students pursuing teacher certification must meet novice-high foreign language proficiency by presenting a high school transcript which demonstrates two years of study of a single foreign language with no grade below B. Or, students may complete 3 hours college credit in a single language with no grade below C (or pass an advanced standing examination, College Level Examination Program (CLEP) exam, or Oral Proficiency Interview developed by the American Council on the Teaching of Foreign Languages, equivalent to 3 hours of college credit.) Or, students may meet the requirement by transfer of documentation of meeting the foreign language competency from one of the teacher education programs in the State of Oklahoma approved by the Oklahoma State Regents for Higher Education.

### 4. Exclusions

- Courses used to satisfy the General Education English Composition, U.S. History, American Government, and Mathematics or Statistics requirements will not count toward the 54-hour maximum allowed from one department.
- Courses with ATHL or LEIS prefixes and leisure activity courses may not be used for degree credit.

## Additional State/OSU Requirements

- At least: 60 hours at a four-year institution; 30 hours completed at OSU; 15 of the final 30 or 50% of the upper-division hours in the major field completed at OSU.
- Limit of: one-half of major course requirements as transfer work; one-fourth of hours earned by correspondence; 8 transfer correspondence hours.
- Students will be held responsible for degree requirements in effect at the time of matriculation and any changes that are made, so long as these changes do not result in semester credit hours being added or do not delay graduation.

- Degrees that follow this plan must be completed by the end of Summer 2028.

## Example Plan of Study

### Finish in Four Plan of Study

The plan below is an **example** of how students can successfully complete degree requirements in four years. This suggested class schedule plan may be used as a guide and can be adjusted based on individual needs. Students are required to meet with an academic advisor prior to enrollment each semester to plan their class schedule, and students are ultimately responsible for completing all degree requirements.

Course	Title	Hours
<b>Freshman</b>		
<b>Fall</b>		
MATH 2144	Calculus I (A)	4
CHEM 1314	Chemistry I (LN)	4
General Education courses		7
<b>Hours</b>		<b>15</b>
<b>Spring</b>		
CHEM 1515	Chemistry II (LN)	5
BIOL 1113 & BIOL 1111	Introductory Biology (N) and Introductory Biology Laboratory (LN)	4
General Education courses		6
<b>Hours</b>		<b>15</b>
<b>Sophomore</b>		
<b>Fall</b>		
PHYS 1114	College Physics I (LN)	4
BIOL 1604	Animal Biology	4
STAT 4013	Statistical Methods I (A)	3
General Education courses		4
<b>Hours</b>		<b>15</b>
<b>Spring</b>		
PHYS 1214	College Physics II (LN)	4
MICR 2123	Introduction to Microbiology	3
MICR 2132	Introduction to Microbiology Laboratory	2
CHEM 3053	Organic Chemistry I	3
General Education courses		3
<b>Hours</b>		<b>15</b>
<b>Junior</b>		
<b>Fall</b>		
BIOL 3204	Physiology	4
CHEM 3153	Organic Chemistry II	3
MICR 3033	Cell and Molecular Biology	3
BIOL 3034	General Ecology	4
Major, College, and Elective courses		1
<b>Hours</b>		<b>15</b>
<b>Spring</b>		
BIOL 3023	General Genetics	3
BIOL 4215	Mammalian Physiology	5
CHEM 3112	Organic Chemistry Laboratory	2
Major, College, and Elective courses		5
<b>Hours</b>		<b>15</b>
<b>Senior</b>		
<b>Fall</b>		
BIOC 3653	Survey of Biochemistry	3
BIOL 3114	Vertebrate Zoology	4
BIOL 4223	Mammalian Physiology Capstone Laboratory	3
Major, College, and Elective courses		5
<b>Hours</b>		<b>15</b>

### Spring

BIOL 4133	Evolution	3
Major, College, and Elective courses		12
<b>Hours</b>		<b>15</b>
<b>Total Hours</b>		<b>120</b>

1

Speak with academic advisor about saving General Education electives and Humanities (H) for Upper-division courses with International (I) and Diversity (D) dimensions.



# Physiology: Pre-Medical Sciences, BS

## Degree Requirements

Requirements for Students Matriculating in or before Academic Year 2022-2023. Learn more about University Academic Regulation 3.1 (p. 943).

Minimum Overall Grade Point Average: 2.50

Total Hours: 120

Code	Title	Hours
<b>General Education Requirements</b>		
<i>English Composition</i>		
See Academic Regulation 3.5 (p. 944)		
ENGL 1113 or ENGL 1313	Composition I Critical Analysis and Writing I	3
Select one of the following:		3
ENGL 1213	Composition II	
ENGL 1413	Critical Analysis and Writing II	
ENGL 3323	Technical Writing	
<i>American History &amp; Government</i>		
HIST 1103 or HIST 1483 or HIST 1493	Survey of American History American History to 1865 (H) American History Since 1865 (DH)	3
POLS 1113	American Government	3
<i>Analytical &amp; Quantitative Thought (A)</i>		
MATH 2144	Calculus I (A) <sup>1</sup>	4
STAT 4013 or STAT 2013	Statistical Methods I (A) <sup>1</sup> Elementary Statistics (A)	3
<i>Humanities (H)</i>		
Courses designated (H)		6
<i>Natural Sciences (N)</i>		
Must include one Laboratory Science (L) course		
PHYS 1114 or PHYS 2014	College Physics I (LN) <sup>1</sup> University Physics I (LN)	4
PHYS 1214 or PHYS 2114	College Physics II (LN) <sup>1</sup> University Physics II (LN)	4
<i>Social &amp; Behavioral Sciences (S)</i>		
Course designated (S)		3
<i>Additional General Education</i>		
Courses designated (A), (H), (N), or (S)		6
<b>Hours Subtotal</b>		<b>42</b>
<b>Diversity (D) &amp; International Dimension (I)</b>		
May be completed in any part of the degree plan		
Select at least one Diversity (D) course		
Select at least one International Dimension (I) course		
<b>College/Departmental Requirements</b>		
<i>First Year Seminar</i>		
(Transfer students with 15 hours exempt)		1
<i>Arts &amp; Humanities</i>		
See note 2.a.		3
<i>Natural &amp; Mathematical Sciences</i>		

CHEM 1314	Chemistry I (LN)	4
CHEM 1515	Chemistry II (LN)	5
<i>Foreign Language</i>		
See note 3		0
0-6 hours		
<i>Upper-Division General Education</i>		
Select 6 hours outside major department		
See note 2.c.		
<b>Hours Subtotal</b>		<b>13</b>
<b>Major Requirements <sup>2</sup></b>		
Minimum GPA 2.50 in Major Requirements with a minimum grade of "C" in each course.		
<i>Core Courses</i>		
BIOL 1113 & BIOL 1111 or BIOL 1114	Introductory Biology (N) and Introductory Biology Laboratory (LN) Introductory Biology (LN)	4
BIOL 1604	Animal Biology	4
BIOL 3023	General Genetics <sup>2</sup>	3
BIOL 3034	General Ecology	4
BIOL 3114 or BIOL 3214	Vertebrate Zoology Human Anatomy	4
BIOL 3204	Physiology	4
BIOL 4133	Evolution <sup>2</sup>	3
BIOL 4215	Mammalian Physiology	5
BIOL 4223	Mammalian Physiology Capstone Laboratory	3
BIOC 3653	Survey of Biochemistry	3
CHEM 3053	Organic Chemistry I	3
CHEM 3112	Organic Chemistry Laboratory	2
CHEM 3153	Organic Chemistry II	3
MICR 2123	Introduction to Microbiology	3
MICR 2132	Introduction to Microbiology Laboratory	2
MICR 3033	Cell and Molecular Biology	3
<i>Related Courses</i>		
Select two courses, including at least one BIOL, from the following:		6
BIOL 4024	Histology	
BIOL 4073	Principles of Neuroscience	
BIOL 4104	General Parasitology	
BIOL 4134	Embryology	
BIOL 4253	Pharmacology	
BIOL 4283	Endocrinology	
BIOL 4293	Behavioral Neuroendocrinology	
BIOL 4363	Principles of Toxicology	
HHP 4063	Neuroanatomy	
MICR 3143	Medical Mycology	
MICR 3223	Advanced Microbiology	
MICR 3253	Immunology	
MICR 4123	Virology	
MICR 4423	Antibiotics and Antibiotic Resistance	
<b>Hours Subtotal</b>		<b>59</b>
<b>Electives <sup>2</sup></b>		
Select 6 hours		6

MATH 1513 and MATH 1813 required for students who do not place directly into MATH 2144.

May need to include 6 hours of a foreign language. See note 3

May need to include 6 hours upper-division general education outside major department (see note 2.c.) and 2 additional upper-division hours

Recommended courses:

PSYC 1113	Introductory Psychology (S)	
SOC 1113	Introductory Sociology (S)	
<b>Hours Subtotal</b>		<b>6</b>
<b>Total Hours</b>		<b>120</b>

1

College and Departmental Requirements that may be used to meet General Education Requirements.

2

With approval from the advisor and department head and a minimum GPA of 3.0, a maximum of 30 hours from an accredited doctoral health program may be substituted for electives or major requirements other than BIOL 3023 General Genetics and BIOL 4133 Evolution.

Additional requirements for professional school admission exist. View Admission Requirement Sheets at [prehealth.okstate.edu](http://prehealth.okstate.edu) (<http://prehealth.okstate.edu>).

## Other Requirements

- See the College of Arts and Sciences Requirements.
- **Upper-Division Credit:** Total hours must include at least 48 hours in courses numbered 3000 or above.
- **Hours in One Department:** For B.A. and B.S. degrees, no more than 54 hours in one department may be applied to degree requirements.

## College of Arts and Sciences Requirements

### 1. General Education Requirements

No more than two courses (or eight hours) from the major department (<http://catalog.okstate.edu/college-arts-sciences-major-departments/>) may be used to meet General Education and College and Departmental Requirements. The General Education required English Composition, required U.S. History, required American Government, one required MATH or STAT course, and required foreign language for B.A. degrees do not count against the two-course maximum.

### 2. A&S College/Departmental Requirements

- Arts and Humanities are defined as any course carrying an (H) designation or courses from AMST, ART, DANC, ENGL (except ENGL 3323 Technical Writing) HIST, MUSI, PHIL (except PHIL 1313 Logic and Critical Thinking (A), PHIL 3003 Symbolic Logic (A) and PHIL 4003 Mathematical Logic and Computability), REL, TH, and foreign languages.
- Natural and Mathematical Sciences are defined as any course from the following prefixes: ASTR, BIOC, BIOL, CHEM, CS (except CS 4883 Social Issues in Computing), GEOL, MATH, MICR, PBIO, PHYS, and STAT; or courses from other departments that carry an (A) or (N) general education designation.
- The required six hours of upper-division General Education may not include courses from the student's major department. This requirement may be satisfied by courses also used to satisfy any

part of a student's degree program (i.e., in General Education, College Departmental Requirements, Major Requirements or Electives).

- Non-Western Studies Requirement for B.A. and B.F.A.; One 3-hour course in Non-Western Studies (N.W.). This requirement may be satisfied by courses also used to satisfy any part of a student's degree program (i.e., in General Education, College Departmental Requirements, Major Requirements or Electives).
- The College of Arts & Sciences requires a minimum 2.0 GPA in all major requirements and a minimum 2.0 GPA in all major-prefix courses applied to the degree.

### 3. Foreign Language Proficiency

- The foreign language requirement for the B.A. may be satisfied by 9 hours college credit in the same language, which must include 3 hours at the 2000-level, or equivalent proficiency (e.g., passing an advanced standing examination; TOEFL exam; presenting a high school transcript which demonstrates the high school was primarily conducted in a language other than English; etc.). Computer Science courses may not be used to satisfy this requirement. Currently Arabic and Mvskoke are not offered at the 2000-level at OSU.
- The foreign language requirement for the B.S., B.M. and B.F.A. may be satisfied by presenting a high school transcript which demonstrates two years of study of a single foreign language (passing grades at second-year level of study). It may also be satisfied by 6 hours college credit in the same language, which must include language courses 1713 and 1813, or equivalent proficiency (e.g., passing an advanced standing examination; TOEFL exam; presenting a high school transcript which demonstrates the high school was primarily conducted in a language other than English; etc.). Computer Science courses may not be used to satisfy this requirement.
- In addition to a. and b., students pursuing teacher certification must meet novice-high foreign language proficiency by presenting a high school transcript which demonstrates two years of study of a single foreign language with no grade below B. Or, students may complete 3 hours college credit in a single language with no grade below C (or pass an advanced standing examination, College Level Examination Program (CLEP) exam, or Oral Proficiency Interview developed by the American Council on the Teaching of Foreign Languages, equivalent to 3 hours of college credit.) Or, students may meet the requirement by transfer of documentation of meeting the foreign language competency from one of the teacher education programs in the State of Oklahoma approved by the Oklahoma State Regents for Higher Education.

### 4. Exclusions

- Courses used to satisfy the General Education English Composition, U.S. History, American Government, and Mathematics or Statistics requirements will not count toward the 54-hour maximum allowed from one department.
- Courses with ATHL or LEIS prefixes and leisure activity courses may not be used for degree credit.

## Additional State/OSU Requirements

- At least: 60 hours at a four-year institution; 30 hours completed at OSU; 15 of the final 30 or 50% of the upper-division hours in the major field completed at OSU.

- Limit of: one-half of major course requirements as transfer work; one-fourth of hours earned by correspondence; 8 transfer correspondence hours.
- Students will be held responsible for degree requirements in effect at the time of matriculation and any changes that are made, so long as these changes do not result in semester credit hours being added or do not delay graduation.
- Degrees that follow this plan must be completed by the end of Summer 2028.

Major, College, and Elective courses	2	
<b>Hours</b>	<b>15</b>	
<b>Senior</b>		
<b>Fall</b>		
BIOL 4223	Mammalian Physiology Capstone Laboratory	3
Major, College, and Elective courses	12	
<b>Hours</b>	<b>15</b>	
<b>Spring</b>		
BIOL 4133	Evolution	3
BIOL 3034	General Ecology	4
BIOL 3214	Human Anatomy	4
Major, College, and Elective courses	4	
<b>Hours</b>	<b>15</b>	
<b>Total Hours</b>	<b>120</b>	

## Example Plan of Study

### Finish in Four Plan of Study

The plan below is an **example** of how students can successfully complete degree requirements in four years. This suggested class schedule plan may be used as a guide and can be adjusted based on individual needs. Students are required to meet with an academic advisor prior to enrollment each semester to plan their class schedule, and students are ultimately responsible for completing all degree requirements.

Course	Title	Hours
<b>Freshman</b>		
<b>Fall</b>		
MATH 2144	Calculus I (A)	4
CHEM 1314	Chemistry I (LN)	4
General Education courses		7
<b>Hours</b>		<b>15</b>
<b>Spring</b>		
CHEM 1515	Chemistry II (LN)	5
BIOL 1113 & BIOL 1111	Introductory Biology (N) and Introductory Biology Laboratory (LN)	4
General Education courses		6
<b>Hours</b>		<b>15</b>
<b>Sophomore</b>		
<b>Fall</b>		
BIOL 1604	Animal Biology	4
CHEM 3053	Organic Chemistry I	3
MICR 2123	Introduction to Microbiology	3
MICR 2132	Introduction to Microbiology Laboratory	2
UNIV 2611	Health Portfolio and Self-Development (Suggested)	1
General Education courses		2
<b>Hours</b>		<b>15</b>
<b>Spring</b>		
CHEM 3153	Organic Chemistry II	3
CHEM 3112	Organic Chemistry Laboratory	2
MICR 3033	Cell and Molecular Biology	3
STAT 4013	Statistical Methods I (A)	3
General Education courses		4
<b>Hours</b>		<b>15</b>
<b>Junior</b>		
<b>Fall</b>		
BIOL 3204	Physiology	4
BIOC 3653	Survey of Biochemistry	3
PHYS 1114	College Physics I (LN)	4
Major, College, and Elective courses		4
<b>Hours</b>		<b>15</b>
<b>Spring</b>		
BIOL 3023	General Genetics	3
BIOL 4215	Mammalian Physiology	5
PHYS 1214	College Physics II (LN)	4
UNIV 3511	Health Profession School Preparation (Suggested)	1

## Zoology (ZOOL), Minor

**Requirements for Students Matriculating in or before Academic Year 2022-2023.** Learn more about University Academic Regulation 3.1 (p. 943).

For more information on a Zoology minor, contact the **Office of Integrative Biology**: 405-744-5555 or 501 Life Sciences West.

**Total Hours:** 24

Code	Title	Hours
<b>Minor Requirements</b>		
BIOL 1113 & BIOL 1111 or BIOL 1114	Introductory Biology (N) and Introductory Biology Laboratory (LN) Introductory Biology (LN)	4
BIOL 1604	Animal Biology	4
BIOL 3023	General Genetics	3
BIOL 4133	Evolution	3
BIOL 3034 or BIOL 3204	General Ecology Physiology	4
Select one of the following:		3
BIOL 3104	Invertebrate Zoology	
BIOL 4104	General Parasitology	
BIOL 4134	Embryology	
BIOL 4174	Mammalogy	
BIOL 4184	Herpetology	
BIOL 4413	Biology of Fishes	
BIOL 4434	Limnology	
BIOL 4464	Ornithology	
Select one additional upper-division course in BIOL (excluding general education courses).		3
<b>Total Hours</b>		<b>24</b>

## Other Requirements

- No grade below "C."

## Additional OSU Requirements

### Undergraduate Minors

- An undergraduate minor must include between fifteen and thirty hours, inclusive of undergraduate coursework.
- A minimum of six credit hours for the minor must be earned in residence at OSU.
- The courses required for a minor may be included in the course requirements for any undergraduate degree or they may be in addition to degree requirements, depending on the overlap between the minor and degree requirements. However, an undergraduate minor must be earned in an academic field other than the student's declared degree option. The minor may not duplicate the degree major or option (for example, a student who earns a BA in Art with an Art History option may earn a minor in Studio Art but not Art History).
- A student generally follows the minor requirements associated with his or her matriculation year or newer requirements that have been established since matriculation. The time limit for following requirements from a given academic year is six years.

For additional information on requirements on minors, click here (<https://adminfinance.okstate.edu/site-files/documents/policies/requirements-for-undergraduate-and-graduate-minors.pdf>).

# Zoology, BS

## Degree Requirements

**Requirements for Students Matriculating in or before Academic Year 2022-2023.** Learn more about University Academic Regulation 3.1 (p. 943).

**Minimum Overall Grade Point Average: 2.00**

**Total Hours: 120**

Code	Title	Hours
<b>General Education Requirements</b>		
<i>English Composition</i>		
See Academic Regulation 3.5 (p. 944)		
ENGL 1113	Composition I	3
or ENGL 1313	Critical Analysis and Writing I	
Select one of the following:		3
ENGL 1213	Composition II	
ENGL 1413	Critical Analysis and Writing II	
ENGL 3323	Technical Writing	
<i>American History &amp; Government</i>		
HIST 1103	Survey of American History	3
or HIST 1483	American History to 1865 (H)	
or HIST 1493	American History Since 1865 (DH)	
POLS 1113	American Government	3
<i>Analytical &amp; Quantitative Thought (A)</i>		
MATH 1813	Preparation for Calculus (A) (or higher) <sup>1</sup>	3
or MATH 1613	Trigonometry (A)	
STAT 4013	Statistical Methods I (A) <sup>1</sup>	3
or STAT 2013	Elementary Statistics (A)	
<i>Humanities (H)</i>		
Courses designated (H)		6
<i>Natural Sciences (N)</i>		
Must include one Laboratory Science (L) course		
PHYS 1114	College Physics I (LN) <sup>1</sup>	4
or PHYS 2014	University Physics I (LN)	
PHYS 1214	College Physics II (LN) <sup>1</sup>	4
or PHYS 2114	University Physics II (LN)	
<i>Social &amp; Behavioral Sciences (S)</i>		
Course designated (S)		3
<i>Additional General Education</i>		
Courses designated (A), (H), (N), or (S)		6
<b>Hours Subtotal</b>		<b>41</b>
<b>Diversity (D) &amp; International Dimension (I)</b>		
May be completed in any part of the degree plan		
Select at least one Diversity (D) course		
Select at least one International Dimension (I) course		
<b>College/Departmental Requirements</b>		
<i>First Year Seminar</i>		
(Transfer students with 15 hours exempt)		1
<i>Arts &amp; Humanities</i>		
See note 2.a.		3
<i>Natural &amp; Mathematical Sciences</i>		

CHEM 1314	Chemistry I (LN)	4
CHEM 1515	Chemistry II (LN)	5
<i>Foreign Language</i>		
See note 3		
0-6 hours		
<i>Upper-Division General Education</i>		
Select 6 hours outside major department		
See note 2.c.		
<b>Hours Subtotal</b>		<b>13</b>
<b>Major Requirements <sup>2</sup></b>		
Minimum grade of "C" in each course.		
<i>Core Courses</i>		
BIOL 1113	Introductory Biology (N)	4
& BIOL 1111	and Introductory Biology Laboratory (LN)	
or BIOL 1114	Introductory Biology (LN)	
BIOL 1604	Animal Biology	4
BIOL 3023	General Genetics <sup>2</sup>	3
BIOL 3034	General Ecology	4
BIOL 3104	Invertebrate Zoology	4
BIOL 3114	Vertebrate Zoology	4
BIOL 3204	Physiology	4
BIOL 4133	Evolution <sup>2</sup>	3
BIOL 4700	Undergraduate Research Problems (1 hour)	1
or BIOL 4710	Internships in Integrative Biology	
MICR 2123	Introduction to Microbiology	3
or MICR 3033	Cell and Molecular Biology	
Select one of the following:		5
CHEM 3013	Survey of Organic Chemistry	
& CHEM 3012	and Survey of Organic Chemistry Laboratory	
CHEM 3053	Organic Chemistry I	
& CHEM 3112	and Organic Chemistry Laboratory	
& CHEM 3153	and Organic Chemistry II	
Select 10 hours upper-division BIOL courses with a laboratory in at least one course (excluding general education courses)		10
<i>Supplemental Courses</i>		
Select 2 of the following from different prefixes:		6
BIOC 3653	Survey of Biochemistry	
ENGL 3323	Technical Writing	
ENVR 3113	Sampling and Analyses for Solving Environmental Problems	
GEOG 3153	Conservation of Natural Resources (S)	
GEOG 3023	Climatology (N)	
GEOG 4053	Biogeography	
GEOG 4083	Geography of Grass-Dominated Ecosystems	
GEOG 4073	Climate Change: Past, Present, and Future	
GEOG 4203	Fundamentals of Geographic Information Systems	
GEOL 3043	Geology of the National Parks (N)	
GEOL 3503	Environmental Geology (N)	
GEOL 4503	Introduction to Oceanography (N)	
GEOL 4513	Marine Geology	

HLTH 3113	Health Issues in Diverse Populations (D)
HHP 4063	Neuroanatomy
HIST 3913	History of Medicine (H)
HIST 4523	American Environmental History (H)
NREM 3503	Principles of Wildlife Ecology and Management
NREM 3523	Fish and Wildlife Population Biology
NREM 4033	Ecology Of Invasive Species
NREM 4043	Natural Resource Administration and Policy
NREM 4443	Watershed Hydrology and Water Quality
NREM 4523	Wildlife Management Techniques
PHIL 3703	Animal Ethics (H)
PHIL 3833	Biomedical Ethics (H)
PHIL 4713	Philosophy of Science (H)
PHIL 4733	Philosophy of Biology (H)
PSYC 3443	Abnormal Psychology (S)
SOC 4153	Sociology of Health and Illness
SOC 4433	Environmental Sociology (S)
SOC 4453	Environmental Inequality (S)
<b>Hours Subtotal</b>	<b>55</b>
<b>Electives<sup>2</sup></b>	
Select 11 hours	11
May need to include 6 hours of a foreign language. See note 3	
MATH 1513 required for students who do not place directly into MATH 1813 (or MATH 1613).	
PSYC 1113 and SOC 1113 recommended.	
May need to include 6 hours upper-division general education outside major department (see note 2.c.) and 4 additional upper-division hours	
<b>Hours Subtotal</b>	<b>11</b>
<b>Total Hours</b>	<b>120</b>

1

College and Departmental Requirements that may be used to meet General Education Requirements.

2

With approval from the advisor and department head and a minimum GPA of 3.0, a maximum of 30 hours from an accredited doctoral health program may be substituted for electives or major requirements other than BIOL 3023 General Genetics and BIOL 4133 Evolution.

## Other Requirements

- See the College of Arts and Sciences Requirements.
- Minimum 2.0 GPA in all BIOL courses.
- **Upper-Division Credit:** Total hours must include at least 48 hours in courses numbered 3000 or above.
- **Hours in One Department:** For B.A. and B.S. degrees, no more than 54 hours in one department may be applied to degree requirements.

## College of Arts and Sciences Requirements

### 1. General Education Requirements

No more than two courses (or eight hours) from the major department (<http://catalog.okstate.edu/college-arts-sciences-major-departments/>) may be used to meet General Education and College and Departmental Requirements. The General Education required English Composition, required U.S. History, required American Government, one required MATH or STAT course, and required foreign language for B.A. degrees do not count against the two-course maximum.

### 2. A&S College/Departmental Requirements

- Arts and Humanities are defined as any course carrying an (H) designation or courses from AMST, ART, DANC, ENGL (except ENGL 3323 Technical Writing) HIST, MUSI, PHIL (except PHIL 1313 Logic and Critical Thinking (A), PHIL 3003 Symbolic Logic (A) and PHIL 4003 Mathematical Logic and Computability), REL, TH, and foreign languages.
- Natural and Mathematical Sciences are defined as any course from the following prefixes: ASTR, BIOC, BIOL, CHEM, CS (except CS 4883 Social Issues in Computing), GEOL, MATH, MICR, PBIO, PHYS, and STAT; or courses from other departments that carry an (A) or (N) general education designation.
- The required six hours of upper-division General Education may not include courses from the student's major department. This requirement may be satisfied by courses also used to satisfy any part of a student's degree program (i.e., in General Education, College Departmental Requirements, Major Requirements or Electives).
- Non-Western Studies Requirement for B.A. and B.F.A.; One 3-hour course in Non-Western Studies (N.W.). This requirement may be satisfied by courses also used to satisfy any part of a student's degree program (i.e., in General Education, College Departmental Requirements, Major Requirements or Electives).
- The College of Arts & Sciences requires a minimum 2.0 GPA in all major requirements and a minimum 2.0 GPA in all major-prefix courses applied to the degree.

### 3. Foreign Language Proficiency

- The foreign language requirement for the B.A. may be satisfied by 9 hours college credit in the same language, which must include 3 hours at the 2000-level, or equivalent proficiency (e.g., passing an advanced standing examination; TOEFL exam; presenting a high school transcript which demonstrates the high school was primarily conducted in a language other than English; etc.). Computer Science courses may not be used to satisfy this requirement. Currently Arabic and Mvskoke are not offered at the 2000-level at OSU.
- The foreign language requirement for the B.S., B.M. and B.F.A. may be satisfied by presenting a high school transcript which demonstrates two years of study of a single foreign language (passing grades at second-year level of study). It may also be satisfied by 6 hours college credit in the same language, which must include language courses 1713 and 1813, or equivalent proficiency (e.g., passing an advanced standing examination; TOEFL exam; presenting a high school transcript which demonstrates the high school was primarily conducted in a language other than English; etc.). Computer Science courses may not be used to satisfy this requirement.



- c. In addition to a. and b., students pursuing teacher certification must meet novice-high foreign language proficiency by presenting a high school transcript which demonstrates two years of study of a single foreign language with no grade below B. Or, students may complete 3 hours college credit in a single language with no grade below C (or pass an advanced standing examination, College Level Examination Program (CLEP) exam, or Oral Proficiency Interview developed by the American Council on the Teaching of Foreign Languages, equivalent to 3 hours of college credit.) Or, students may meet the requirement by transfer of documentation of meeting the foreign language competency from one of the teacher education programs in the State of Oklahoma approved by the Oklahoma State Regents for Higher Education.

#### 4. Exclusions

- a. Courses used to satisfy the General Education English Composition, U.S. History, American Government, and Mathematics or Statistics requirements will not count toward the 54-hour maximum allowed from one department.
- b. Courses with ATHL or LEIS prefixes and leisure activity courses may not be used for degree credit.

## Additional State/OSU Requirements

- At least: 60 hours at a four-year institution; 30 hours completed at OSU; 15 of the final 30 or 50% of the upper-division hours in the major field completed at OSU.
- Limit of: one-half of major course requirements as transfer work; one-fourth of hours earned by correspondence; 8 transfer correspondence hours.
- Students will be held responsible for degree requirements in effect at the time of matriculation and any changes that are made, so long as these changes do not result in semester credit hours being added or do not delay graduation.
- Degrees that follow this plan must be completed by the end of Summer 2028.

## Example Plan of Study

### Finish in Four Plan of Study

The plan below is an **example** of how students can successfully complete degree requirements in four years. This suggested class schedule plan may be used as a guide and can be adjusted based on individual needs. Students are required to meet with an academic advisor prior to enrollment each semester to plan their class schedule, and students are ultimately responsible for completing all degree requirements.

Course	Title	Hours
<b>Freshman</b>		
<b>Fall</b>		
ENGL 1113 or ENGL 1313	Composition I or Critical Analysis and Writing I	3
MATH 1813	Preparation for Calculus (A)	3
BIOL 1113 & BIOL 1111	Introductory Biology (N) and Introductory Biology Laboratory (LN)	4
General Education courses		5
<b>Hours</b>		<b>15</b>
<b>Spring</b>		
ENGL 1213 or ENGL 1413	Composition II or Critical Analysis and Writing II	3
CHEM 1314	Chemistry I (LN)	4
BIOL 1604	Animal Biology	4

General Education courses		4
<b>Hours</b>		<b>15</b>
<b>Sophomore</b>		
<b>Fall</b>		
CHEM 1515	Chemistry II (LN)	5
MICR 2123 or MICR 3033	Introduction to Microbiology or Cell and Molecular Biology	3
STAT 4013 or STAT 2013	Statistical Methods I (A) or Elementary Statistics (A)	3
General Education courses		4
<b>Hours</b>		<b>15</b>
<b>Spring</b>		
PHYS 1114 or PHYS 2014	College Physics I (LN) or University Physics I (LN)	4
CHEM 3013	Survey of Organic Chemistry	3
General Education and Major courses		8
<b>Hours</b>		<b>15</b>
<b>Junior</b>		
<b>Fall</b>		
PHYS 1214 or PHYS 2114	College Physics II (LN) or University Physics II (LN)	4
BIOL 4700 or BIOL 4710	Undergraduate Research Problems or Internships in Integrative Biology	1
CHEM 3012	Survey of Organic Chemistry Laboratory	2
Major, College, and Elective courses		8
<b>Hours</b>		<b>15</b>
<b>Spring</b>		
BIOL 3104	Invertebrate Zoology	4
BIOL 3023	General Genetics	3
Major, College, and Elective courses		8
<b>Hours</b>		<b>15</b>
<b>Senior</b>		
<b>Fall</b>		
BIOL 3034	General Ecology	4
BIOL 3114	Vertebrate Zoology	4
Major, College, and Elective courses		7
<b>Hours</b>		<b>15</b>
<b>Spring</b>		
BIOL 3204	Physiology	4
BIOL 4133	Evolution	3
Major, College, and Elective courses		8
<b>Hours</b>		<b>15</b>
<b>Total Hours</b>		<b>120</b>

1

Speak with academic advisor about saving General Education electives and Humanities (H) for Upper-division courses with International (I) and Diversity (D) dimensions.

# Zoology: Ecology and Conservation Biology, BS

## Degree Requirements

**Requirements for Students Matriculating in or before Academic Year 2022-2023.** Learn more about University Academic Regulation 3.1 (p. 943).

**Minimum Overall Grade Point Average: 2.00**

**Total Hours: 120**

Code	Title	Hours
<b>General Education Requirements</b>		
<i>English Composition</i>		
See Academic Regulation 3.5 (p. 944)		
ENGL 1113 or ENGL 1313	Composition I Critical Analysis and Writing I	3
Select one of the following:		3
ENGL 1213	Composition II	
ENGL 1413	Critical Analysis and Writing II	
ENGL 3323	Technical Writing	
<i>American History &amp; Government</i>		
HIST 1103 or HIST 1483 or HIST 1493	Survey of American History American History to 1865 (H) American History Since 1865 (DH)	3
POLS 1113	American Government	3
<i>Analytical &amp; Quantitative Thought (A)</i>		
MATH 1813 or MATH 1613	Preparation for Calculus (A) (or higher) <sup>1</sup> Trigonometry (A)	3
STAT 4013 or STAT 2013	Statistical Methods I (A) <sup>1</sup> Elementary Statistics (A)	3
<i>Humanities (H)</i>		
Courses designated (H)		6
<i>Natural Sciences (N)</i>		
Must include one Laboratory Science (L) course		
PHYS 1114 or PHYS 2014	College Physics I (LN) <sup>1</sup> University Physics I (LN)	4
PHYS 1214 or PHYS 2114	College Physics II (LN) <sup>1</sup> University Physics II (LN)	4
<i>Social &amp; Behavioral Sciences (S)</i>		
Course designated (S)		3
<i>Additional General Education</i>		
Courses designated (A), (H), (N), or (S)		6
<b>Hours Subtotal</b>		<b>41</b>
<b>Diversity (D) &amp; International Dimension (I)</b>		
May be completed in any part of the degree plan		
Select at least one Diversity (D) course		
Select at least one International Dimension (I) course		
<b>College/Departmental Requirements</b>		
<i>First Year Seminar</i>		
(Transfer students with 15 hours exempt)		1
<i>Arts &amp; Humanities</i>		
See note 2.a.		3

### Natural & Mathematical Sciences

CHEM 1314	Chemistry I (LN)	4
CHEM 1515	Chemistry II (LN)	5

### Foreign Language

See note 3

0-6 hours

### Upper-Division General Education

Select 6 hours outside major department

See note 2.c.

**Hours Subtotal 13**

### Major Requirements<sup>2</sup>

Minimum grade of "C" in each course.

#### Core Courses

BIOL 1113 & BIOL 1111 or BIOL 1114	Introductory Biology (N) and Introductory Biology Laboratory (LN) Introductory Biology (LN)	4
BIOL 1604	Animal Biology	4
BIOL 3023	General Genetics <sup>2</sup>	3
BIOL 3034	General Ecology	4
BIOL 3104	Invertebrate Zoology	4
BIOL 3114	Vertebrate Zoology	4
BIOL 3204	Physiology	4
BIOL 4133	Evolution <sup>2</sup>	3
BIOL 4700 or BIOL 4710	Undergraduate Research Problems (1 hour) Internships in Integrative Biology	1
MICR 2123 or MICR 3033	Introduction to Microbiology Cell and Molecular Biology	3

Select one of the following:

CHEM 3013 & CHEM 3012	Survey of Organic Chemistry and Survey of Organic Chemistry Laboratory	5
CHEM 3053 & CHEM 3112 & CHEM 3153	Organic Chemistry I and Organic Chemistry Laboratory and Organic Chemistry II	4

Select 4 additional hours upper-division BIOL courses with a laboratory in at least one course (excluding general education courses)

#### Related Courses

BIOL 3153	Animal Behavior	3
BIOL 3513	Principles of Conservation Biology	3
PBIO 1404 or PBIO 4005	Plant Biology (LN) Field Botany	4

#### Supplemental Courses

Select one of the following: 3

ENGL 3323	Technical Writing	
ENVR 3113	Sampling and Analyses for Solving Environmental Problems	
GEOG 3023	Climatology (N)	
GEOG 3153	Conservation of Natural Resources (S)	
GEOG 4053	Biogeography	
GEOG 4073	Climate Change: Past, Present, and Future	
GEOG 4203	Fundamentals of Geographic Information Systems	

GEOL 3503	Environmental Geology (N)	
GEOL 4503	Introduction to Oceanography (N)	
NREM 3503	Principles of Wildlife Ecology and Management	
NREM 3523	Fish and Wildlife Population Biology	
NREM 4033	Ecology Of Invasive Species	
NREM 4043	Natural Resource Administration and Policy	
NREM 4443	Watershed Hydrology and Water Quality	
NREM 4523	Wildlife Management Techniques	
SOC 4433	Environmental Sociology (S)	
<b>Hours Subtotal</b>		<b>56</b>
<b>Electives<sup>2</sup></b>		
Select 10 hours		10
MATH 1513 required for students who do not place directly into MATH 1813 (or MATH 1613).		
May need to include 6 hours of a foreign language. (see note 3)		
May need to include 6 hours upper-division general education outside major department (see note 2.c.) and 7 additional upper-division hours		
PSYC 1113 and SOC 1113 recommended.		
<b>Hours Subtotal</b>		<b>10</b>
<b>Total Hours</b>		<b>120</b>

1

College and Departmental Requirements that may be used to meet General Education Requirements.

2

With approval from the advisor and department head and a minimum GPA of 3.0, a maximum of 30 hours from an accredited doctoral health program may be substituted for electives or major requirements other than BIOL 3023 General Genetics and BIOL 4133 Evolution.

## Other Requirements

- See the College of Arts and Sciences Requirements.
- Minimum 2.0 GPA in all BIOL courses.
- **Upper-Division Credit:** Total hours must include at least 48 hours in courses numbered 3000 or above.
- **Hours in One Department:** For B.A. and B.S. degrees, no more than 54 hours in one department may be applied to degree requirements.

## College of Arts and Sciences Requirements

### 1. General Education Requirements

No more than two courses (or eight hours) from the major department (<http://catalog.okstate.edu/college-arts-sciences-major-departments/>) may be used to meet General Education and College and Departmental Requirements. The General Education required English Composition, required U.S. History, required American Government, one required MATH or STAT course, and required foreign language for B.A. degrees do not count against the two-course maximum.

### 2. A&S College/Departmental Requirements

- Arts and Humanities are defined as any course carrying an (H) designation or courses from AMST, ART, DANC, ENGL (except ENGL 3323 Technical Writing) HIST, MUSI, PHIL (except

PHIL 1313 Logic and Critical Thinking (A), PHIL 3003 Symbolic Logic (A) and PHIL 4003 Mathematical Logic and Computability), REL, TH, and foreign languages.

- Natural and Mathematical Sciences are defined as any course from the following prefixes: ASTR, BIOC, BIOL, CHEM, CS (except CS 4883 Social Issues in Computing), GEOL, MATH, MICR, PBIO, PHYS, and STAT; or courses from other departments that carry an (A) or (N) general education designation.
- The required six hours of upper-division General Education may not include courses from the student's major department. This requirement may be satisfied by courses also used to satisfy any part of a student's degree program (i.e., in General Education, College Departmental Requirements, Major Requirements or Electives).
- Non-Western Studies Requirement for B.A. and B.F.A.; One 3-hour course in Non-Western Studies (N.W.). This requirement may be satisfied by courses also used to satisfy any part of a student's degree program (i.e., in General Education, College Departmental Requirements, Major Requirements or Electives).
- The College of Arts & Sciences requires a minimum 2.0 GPA in all major requirements and a minimum 2.0 GPA in all major-prefix courses applied to the degree.

### 3. Foreign Language Proficiency

- The foreign language requirement for the B.A. may be satisfied by 9 hours college credit in the same language, which must include 3 hours at the 2000-level, or equivalent proficiency (e.g., passing an advanced standing examination; TOEFL exam; presenting a high school transcript which demonstrates the high school was primarily conducted in a language other than English; etc.). Computer Science courses may not be used to satisfy this requirement. Currently Arabic and Mvskoke are not offered at the 2000-level at OSU.
- The foreign language requirement for the B.S., B.M. and B.F.A. may be satisfied by presenting a high school transcript which demonstrates two years of study of a single foreign language (passing grades at second-year level of study). It may also be satisfied by 6 hours college credit in the same language, which must include language courses 1713 and 1813, or equivalent proficiency (e.g., passing an advanced standing examination; TOEFL exam; presenting a high school transcript which demonstrates the high school was primarily conducted in a language other than English; etc.). Computer Science courses may not be used to satisfy this requirement.
- In addition to a. and b., students pursuing teacher certification must meet novice-high foreign language proficiency by presenting a high school transcript which demonstrates two years of study of a single foreign language with no grade below B. Or, students may complete 3 hours college credit in a single language with no grade below C (or pass an advanced standing examination, College Level Examination Program (CLEP) exam, or Oral Proficiency Interview developed by the American Council on the Teaching of Foreign Languages, equivalent to 3 hours of college credit.) Or, students may meet the requirement by transfer of documentation of meeting the foreign language competency from one of the teacher education programs in the State of Oklahoma approved by the Oklahoma State Regents for Higher Education.

### 4. Exclusions

- Courses used to satisfy the General Education English Composition, U.S. History, American Government, and

Mathematics or Statistics requirements will not count toward the 54-hour maximum allowed from one department.

- b. Courses with ATHL or LEIS prefixes and leisure activity courses may not be used for degree credit.

## Additional State/OSU Requirements

- At least: 60 hours at a four-year institution; 30 hours completed at OSU; 15 of the final 30 or 50% of the upper-division hours in the major field completed at OSU.
- Limit of: one-half of major course requirements as transfer work; one-fourth of hours earned by correspondence; 8 transfer correspondence hours.
- Students will be held responsible for degree requirements in effect at the time of matriculation and any changes that are made, so long as these changes do not result in semester credit hours being added or do not delay graduation.
- Degrees that follow this plan must be completed by the end of Summer 2028.

## Example Plan of Study

### Finish in Four Plan of Study

The plan below is an example of how students can successfully complete degree requirements in four years. This suggested class schedule plan may be used as a guide and can be adjusted based on individual needs. Students are required to meet with an academic advisor prior to enrollment each semester to plan their class schedule, and students are ultimately responsible for completing all degree requirements.

Course	Title	Hours
<b>Freshman</b>		
<b>Fall</b>		
ENGL 1113 or ENGL 1313	Composition I or Critical Analysis and Writing I	3
MATH 1513	College Algebra (A) (If required before MATH 1813)	3
BIOL 1113 & BIOL 1111	Introductory Biology (N) and Introductory Biology Laboratory (LN)	4
General Education courses		5
<b>Hours</b>		<b>15</b>
<b>Spring</b>		
ENGL 1213 or ENGL 1413	Composition II or Critical Analysis and Writing II	3
MATH 1813	Preparation for Calculus (A)	3
CHEM 1314	Chemistry I (LN)	4
General Education courses		5
<b>Hours</b>		<b>15</b>
<b>Sophomore</b>		
<b>Fall</b>		
CHEM 1515	Chemistry II (LN)	5
MICR 2123 or MICR 3033	Introduction to Microbiology or Cell and Molecular Biology	3
PBIO 1404	Plant Biology (LN)	4
STAT 4013 or STAT 2013	Statistical Methods I (A) or Elementary Statistics (A)	3
<b>Hours</b>		<b>15</b>
<b>Spring</b>		
BIOL 3513	Principles of Conservation Biology	3
BIOL 3204	Physiology	4
PHYS 1114 or PHYS 2014	College Physics I (LN) or University Physics I (LN)	4

General Education and Major courses		4
<b>Hours</b>		<b>15</b>
<b>Junior</b>		
<b>Fall</b>		
CHEM 3013 or CHEM 3053	Survey of Organic Chemistry or Organic Chemistry I	3
CHEM 3012	Survey of Organic Chemistry Laboratory	2
PHYS 1214 or PHYS 2114	College Physics II (LN) or University Physics II (LN)	4
Major, College, and Elective courses		6
<b>Hours</b>		<b>15</b>
<b>Spring</b>		
BIOL 3034	General Ecology	4
BIOL 4700 or BIOL 4710	Undergraduate Research Problems or Internships in Integrative Biology	1
Major, College, and Elective courses		10
<b>Hours</b>		<b>15</b>
<b>Senior</b>		
<b>Fall</b>		
BIOL 3023	General Genetics	3
BIOL 3153	Animal Behavior	3
BIOL 3104	Invertebrate Zoology	4
BIOL 3114	Vertebrate Zoology	4
Elective courses		1
<b>Hours</b>		<b>15</b>
<b>Spring</b>		
BIOL 4133	Evolution	3
Major and Elective courses		12
<b>Hours</b>		<b>15</b>
<b>Total Hours</b>		<b>120</b>

## Zoology: Pre-Medical Sciences, BS

### Degree Requirements

**Requirements for Students Matriculating in or before Academic Year 2022-2023.** Learn more about University Academic Regulation 3.1 (p. 943).

**Minimum Overall Grade Point Average: 2.00**

**Total Hours: 120**

Code	Title	Hours
<b>General Education Requirements</b>		
<i>English Composition</i>		
See Academic Regulation 3.5 (p. 944)		
ENGL 1113	Composition I	3
or ENGL 1313	Critical Analysis and Writing I	
Select one of the following:		3
ENGL 1213	Composition II	
ENGL 1413	Critical Analysis and Writing II	
ENGL 3323	Technical Writing	
<i>American History &amp; Government</i>		
HIST 1103	Survey of American History	3
or HIST 1483	American History to 1865 (H)	
or HIST 1493	American History Since 1865 (DH)	
POLS 1113	American Government	3
<i>Analytical &amp; Quantitative Thought (A)</i>		
MATH 1813	Preparation for Calculus (A) (or higher) <sup>1</sup>	3
or MATH 1613	Trigonometry (A)	
STAT 4013	Statistical Methods I (A) <sup>1</sup>	3
or STAT 2013	Elementary Statistics (A)	
<i>Humanities (H)</i>		
Courses designated (H)		6
<i>Natural Sciences (N)</i>		
Must include one Laboratory Science (L) course		
PHYS 1114	College Physics I (LN) <sup>1</sup>	4
or PHYS 2014	University Physics I (LN)	
PHYS 1214	College Physics II (LN) <sup>1</sup>	4
or PHYS 2114	University Physics II (LN)	
<i>Social &amp; Behavioral Sciences (S)</i>		
Course designated (S)		3
<i>Additional General Education</i>		
Courses designated (A), (H), (N), or (S)		6
<b>Hours Subtotal</b>		<b>41</b>
<b>Diversity (D) &amp; International Dimension (I)</b>		
May be completed in any part of the degree plan		
Select at least one Diversity (D) course		
Select at least one International Dimension (I) course		
<b>College/Departmental Requirements</b>		
<i>First Year Seminar</i>		
(Transfer students with 15 hours exempt)		1
<i>Arts &amp; Humanities</i>		
See note 2.a.		3
<i>Natural &amp; Mathematical Sciences</i>		

CHEM 1314	Chemistry I (LN)	4
CHEM 1515	Chemistry II (LN)	5
<i>Foreign Language</i>		
See note 3		
0-6 hours		
<i>Upper-Division General Education</i>		
Select 6 hours outside major department		
See note 2.c.		
<b>Hours Subtotal</b>		<b>13</b>
<b>Major Requirements <sup>2</sup></b>		
Minimum grade of "C" in each course.		
<i>Core Courses</i>		
BIOL 1113	Introductory Biology (N)	4
& BIOL 1111	and Introductory Biology Laboratory (LN)	
or BIOL 1114	Introductory Biology (LN)	
BIOL 1604	Animal Biology	4
BIOL 3023	General Genetics <sup>2</sup>	3
BIOL 3034	General Ecology	4
BIOL 3104	Invertebrate Zoology	4
or BIOL 4104	General Parasitology	
BIOL 3114	Vertebrate Zoology	4
BIOL 3204	Physiology	4
BIOL 4133	Evolution <sup>2</sup>	3
BIOL 4700	Undergraduate Research Problems (1 hour)	1
or BIOL 4710	Internships in Integrative Biology	
CHEM 3053	Organic Chemistry I	3
CHEM 3112	Organic Chemistry Laboratory	2
CHEM 3153	Organic Chemistry II	3
MICR 2123	Introduction to Microbiology	3
MICR 2132	Introduction to Microbiology Laboratory	2
MICR 3033	Cell and Molecular Biology	3
Select 4 hours upper-division BIOL courses with a laboratory in at least one course (excluding general education courses)		4
<i>Related Courses</i>		
BIOC 3653	Survey of Biochemistry	3
<i>Supplemental Courses</i>		
Select one of the following:		3
ENGL 3323	Technical Writing	
HLTH 3113	Health Issues in Diverse Populations (D)	
HIST 3913	History of Medicine (H)	
HIST 4523	American Environmental History (H)	
HHP 4063	Neuroanatomy	
PHIL 3833	Biomedical Ethics (H)	
PHIL 4713	Philosophy of Science (H)	
PHIL 4733	Philosophy of Biology (H)	
SOC 4153	Sociology of Health and Illness	
SOC 4433	Environmental Sociology (S)	
PSYC 3443	Abnormal Psychology (S)	
<b>Hours Subtotal</b>		<b>57</b>
<b>Electives <sup>2</sup></b>		
Select 9 hours		9



MATH 1513 required for students who do not place directly into MATH 1813 (or MATH 1613).

May need to include 6 hours of a foreign language. (see note 3)

May need to include 6 hours upper-division general education outside major department (see note 2.c.) and 4 additional upper-division hours

PSYC 1113 and SOC 1113 recommended.

<b>Hours Subtotal</b>	<b>9</b>
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<b>Total Hours</b>	<b>120</b>
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1

College and Departmental Requirements that may be used to meet General Education Requirements.

2

With approval from the advisor and department head and a minimum GPA of 3.0, a maximum of 30 hours from an accredited doctoral health program may be substituted for electives or major requirements other than BIOL 3023 General Genetics and BIOL 4133 Evolution.

Additional requirements for professional school admission exist.

View Admission Requirement Sheets at [prehealth.okstate.edu](http://prehealth.okstate.edu) (<http://prehealth.okstate.edu>).

## Other Requirements

- See the College of Arts and Sciences Requirements.
- Minimum 2.0 GPA in all BIOL courses.
- **Upper-Division Credit:** Total hours must include at least 48 hours in courses numbered 3000 or above.
- **Hours in One Department:** For B.A. and B.S. degrees, no more than 54 hours in one department may be applied to degree requirements.

## College of Arts and Sciences Requirements

### 1. General Education Requirements

No more than two courses (or eight hours) from the major department (<http://catalog.okstate.edu/college-arts-sciences-major-departments/>) may be used to meet General Education and College and Departmental Requirements. The General Education required English Composition, required U.S. History, required American Government, one required MATH or STAT course, and required foreign language for B.A. degrees do not count against the two-course maximum.

### 2. A&S College/Departmental Requirements

- Arts and Humanities are defined as any course carrying an (H) designation or courses from AMST, ART, DANC, ENGL (except ENGL 3323 Technical Writing) HIST, MUSI, PHIL (except PHIL 1313 Logic and Critical Thinking (A), PHIL 3003 Symbolic Logic (A) and PHIL 4003 Mathematical Logic and Computability), REL, TH, and foreign languages.
- Natural and Mathematical Sciences are defined as any course from the following prefixes: ASTR, BIOC, BIOL, CHEM, CS (except CS 4883 Social Issues in Computing), GEOL, MATH, MICR, PBIO, PHYS, and STAT; or courses from other departments that carry an (A) or (N) general education designation.
- The required six hours of upper-division General Education may not include courses from the student's major department. This requirement may be satisfied by courses also used to satisfy any part of a student's degree program (i.e., in General Education,

College Departmental Requirements, Major Requirements or Electives).

- Non-Western Studies Requirement for B.A. and B.F.A.; One 3-hour course in Non-Western Studies (N.W.). This requirement may be satisfied by courses also used to satisfy any part of a student's degree program (i.e., in General Education, College Departmental Requirements, Major Requirements or Electives).
  - The College of Arts & Sciences requires a minimum 2.0 GPA in all major requirements and a minimum 2.0 GPA in all major-prefix courses applied to the degree.
- ### 3. Foreign Language Proficiency
- The foreign language requirement for the B.A. may be satisfied by 9 hours college credit in the same language, which must include 3 hours at the 2000-level, or equivalent proficiency (e.g., passing an advanced standing examination; TOEFL exam; presenting a high school transcript which demonstrates the high school was primarily conducted in a language other than English; etc.). Computer Science courses may not be used to satisfy this requirement. Currently Arabic and Mvskoke are not offered at the 2000-level at OSU.
  - The foreign language requirement for the B.S., B.M. and B.F.A. may be satisfied by presenting a high school transcript which demonstrates two years of study of a single foreign language (passing grades at second-year level of study). It may also be satisfied by 6 hours college credit in the same language, which must include language courses 1713 and 1813, or equivalent proficiency (e.g., passing an advanced standing examination; TOEFL exam; presenting a high school transcript which demonstrates the high school was primarily conducted in a language other than English; etc.). Computer Science courses may not be used to satisfy this requirement.
  - In addition to a. and b., students pursuing teacher certification must meet novice-high foreign language proficiency by presenting a high school transcript which demonstrates two years of study of a single foreign language with no grade below B. Or, students may complete 3 hours college credit in a single language with no grade below C (or pass an advanced standing examination, College Level Examination Program (CLEP) exam, or Oral Proficiency Interview developed by the American Council on the Teaching of Foreign Languages, equivalent to 3 hours of college credit.) Or, students may meet the requirement by transfer of documentation of meeting the foreign language competency from one of the teacher education programs in the State of Oklahoma approved by the Oklahoma State Regents for Higher Education.

### 4. Exclusions

- Courses used to satisfy the General Education English Composition, U.S. History, American Government, and Mathematics or Statistics requirements will not count toward the 54-hour maximum allowed from one department.
- Courses with ATHL or LEIS prefixes and leisure activity courses may not be used for degree credit.

## Additional State/OSU Requirements

- At least: 60 hours at a four-year institution; 30 hours completed at OSU; 15 of the final 30 or 50% of the upper-division hours in the major field completed at OSU.
- Limit of: one-half of major course requirements as transfer work; one-fourth of hours earned by correspondence; 8 transfer correspondence hours.



- Students will be held responsible for degree requirements in effect at the time of matriculation and any changes that are made, so long as these changes do not result in semester credit hours being added or do not delay graduation.
- Degrees that follow this plan must be completed by the end of Summer 2028.

## Example Plan of Study

### Finish in Four Plan of Study

The plan below is an example of how students can successfully complete degree requirements in four years. This suggested class schedule plan may be used as a guide and can be adjusted based on individual needs. Students are required to meet with an academic advisor prior to enrollment each semester to plan their class schedule, and students are ultimately responsible for completing all degree requirements.

Course	Title	Hours
<b>Freshman</b>		
<b>Fall</b>		
ENGL 1113 or ENGL 1313	Composition I or Critical Analysis and Writing I	3
MATH 1813	Preparation for Calculus (A)	3
BIOL 1113 & BIOL 1111	Introductory Biology (N) and Introductory Biology Laboratory (LN)	4
General Education courses		4
<b>Hours</b>		<b>14</b>
<b>Spring</b>		
ENGL 1213 or ENGL 1413	Composition II or Critical Analysis and Writing II	3
CHEM 1314	Chemistry I (LN)	4
BIOL 1604	Animal Biology	4
General Education courses		5
<b>Hours</b>		<b>16</b>
<b>Sophomore</b>		
<b>Fall</b>		
CHEM 1515	Chemistry II (LN)	5
MICR 2123	Introduction to Microbiology	3
MICR 2132	Introduction to Microbiology Laboratory	2
General Education courses		6
<b>Hours</b>		<b>16</b>
<b>Spring</b>		
CHEM 3053	Organic Chemistry I	3
MICR 3033	Cell and Molecular Biology	3
BIOL 3204	Physiology	4
PHYS 1114 or PHYS 2014	College Physics I (LN) or University Physics I (LN)	4
<b>Hours</b>		<b>14</b>
<b>Junior</b>		
<b>Fall</b>		
CHEM 3153	Organic Chemistry II	3
CHEM 3112	Organic Chemistry Laboratory	2
BIOL 3023	General Genetics	3
PHYS 1214 or PHYS 2114	College Physics II (LN) or University Physics II (LN)	4
Major, College, and Elective courses		3
<b>Hours</b>		<b>15</b>
<b>Spring</b>		
BIOC 3653	Survey of Biochemistry	3
STAT 4013 or STAT 2013	Statistical Methods I (A) or Elementary Statistics (A)	3
BIOL 3104 or BIOL 4104	Invertebrate Zoology or General Parasitology	4

Major, College, and Elective courses		5
<b>Hours</b>		<b>15</b>
<b>Senior</b>		
<b>Fall</b>		
BIOL 3114	Vertebrate Zoology	4
BIOL 3034	General Ecology	4
BIOL 4700 or BIOL 4710	Undergraduate Research Problems or Internships in Integrative Biology	1
Major, College, and Elective courses		6
<b>Hours</b>		<b>15</b>
<b>Spring</b>		
BIOL 4133	Evolution	3
Major, College, and Elective courses (suggest PHIL 3833, PHIL 4713, PHIL 4733, or SOC 4153, or PSYC 3443)		12
<b>Hours</b>		<b>15</b>
<b>Total Hours</b>		<b>120</b>

## Zoology: Pre-Veterinary Sciences, BS

### Degree Requirements

**Requirements for Students Matriculating in or before Academic Year 2022-2023.** Learn more about University Academic Regulation 3.1 (p. 943).

**Minimum Overall Grade Point Average: 2.00**

**Total Hours: 120**

Code	Title	Hours
<b>General Education Requirements</b>		
<i>English Composition</i>		
See Academic Regulation 3.5 (p. 944)		
ENGL 1113	Composition I	3
or ENGL 1313	Critical Analysis and Writing I	
Select one of the following:		3
ENGL 1213	Composition II	
ENGL 1413	Critical Analysis and Writing II	
ENGL 3323	Technical Writing	
<i>American History &amp; Government</i>		
HIST 1103	Survey of American History	3
or HIST 1483	American History to 1865 (H)	
or HIST 1493	American History Since 1865 (DH)	
POLS 1113	American Government	3
<i>Analytical &amp; Quantitative Thought (A)</i>		
MATH 1813	Preparation for Calculus (A) (or higher) <sup>1</sup>	3
or MATH 1613	Trigonometry (A)	
STAT 4013	Statistical Methods I (A) <sup>1</sup>	3
or STAT 2013	Elementary Statistics (A)	
<i>Humanities (H)</i>		
Courses designated (H)		6
<i>Natural Sciences (N)</i>		
Must include one Laboratory Science (L) course		
PHYS 1114	College Physics I (LN) <sup>1</sup>	4
or PHYS 2014	University Physics I (LN)	
PHYS 1214	College Physics II (LN) <sup>1</sup>	4
or PHYS 2114	University Physics II (LN)	
<i>Social &amp; Behavioral Sciences (S)</i>		
Course designated (S)		3
<i>Additional General Education</i>		
Courses designated (A), (H), (N), or (S)		6
<b>Hours Subtotal</b>		<b>41</b>
<b>Diversity (D) &amp; International Dimension (I)</b>		
May be completed in any part of the degree plan		
Select at least one Diversity (D) course		
Select at least one International Dimension (I) course		
<b>College/Departmental Requirements</b>		
<i>First Year Seminar</i>		
(Transfer students with 15 hours exempt)		1
<i>Arts &amp; Humanities</i>		
See note 2.a.		3
<i>Natural &amp; Mathematical Sciences</i>		

CHEM 1314	Chemistry I (LN)	4
CHEM 1515	Chemistry II (LN)	5
<i>Foreign Language</i>		
See note 3		0
0-6 hours		
<i>Upper-Division General Education</i>		
Select 6 hours outside major department		
See note 2.c.		
<b>Hours Subtotal</b>		<b>13</b>
<b>Major Requirements <sup>2</sup></b>		
Minimum grade of "C" in each course.		
<i>Core Courses</i>		
BIOL 1113	Introductory Biology (N)	4
& BIOL 1111	and Introductory Biology Laboratory (LN)	
or BIOL 1114	Introductory Biology (LN)	
BIOL 1604	Animal Biology	4
BIOL 3023	General Genetics <sup>2</sup>	3
BIOL 3034	General Ecology	4
BIOL 3104	Invertebrate Zoology	4
or BIOL 4104	General Parasitology	
BIOL 3114	Vertebrate Zoology	4
BIOL 3204	Physiology	4
BIOL 4133	Evolution <sup>2</sup>	3
BIOL 4700	Undergraduate Research Problems (1 hour)	1
or BIOL 4710	Internships in Integrative Biology	
Organic Chemistry, Choose From:		5
CHEM 3013	Survey of Organic Chemistry	
& CHEM 3012	and Survey of Organic Chemistry Laboratory	
CHEM 3053	Organic Chemistry I	
& CHEM 3112	and Organic Chemistry Laboratory	
& CHEM 3153	and Organic Chemistry II	
MICR 2123	Introduction to Microbiology	3
MICR 2132	Introduction to Microbiology Laboratory	2
Select 7 hours additional upper-division BIOL courses with a laboratory in at least one course (excluding general education courses)		7
<i>Related Courses</i>		
ANSI 3543	Principles of Animal Nutrition	3
BIOC 3653	Survey of Biochemistry	3
<i>Supplemental Courses</i>		
Select one of the following:		3
ENGL 3323	Technical Writing	
HIST 3913	History of Medicine (H)	
HIST 4523	American Environmental History (H)	
NREM 4523	Wildlife Management Techniques	
PHIL 3703	Animal Ethics (H)	
PHIL 3833	Biomedical Ethics (H)	
PHIL 4713	Philosophy of Science (H)	
PHIL 4733	Philosophy of Biology (H)	
SOC 4433	Environmental Sociology (S)	
SOC 4453	Environmental Inequality (S)	
<b>Hours Subtotal</b>		<b>57</b>

Electives <sup>2</sup>	
Select 9 hours	9
MATH 1513 required for studnets who do not place directly into MATH 1813 (or MATH 1613).	
May need to include 6 hours of a foreign language. (see note 3)	
May need to include 6 hours upper-division general education outside major department (see note 2.c.) and 4 additional upper-division hours	
PSYC 1113 and SOC 1113 recommended.	
<b>Hours Subtotal</b>	<b>9</b>
<b>Total Hours</b>	<b>120</b>

1

College and Departmental Requirements that may be used to meet General Education Requirements.

2

With approval from the advisor and department head and a minimum GPA of 3.0, a maximum of 30 hours from an accredited doctoral health program may be substituted for electives or major requirements other than BIOL 3023 General Genetics and BIOL 4133 Evolution.

Additional requirements for professional school admission exist. View Admission Requirement Sheets at [prehealth.okstate.edu](http://prehealth.okstate.edu) (<http://prehealth.okstate.edu>).

## Other Requirements

- See the College of Arts and Sciences Requirements.
- Minimum 2.0 GPA in all BIOL courses.
- **Upper-Division Credit:** Total hours must include at least 48 hours in courses numbered 3000 or above.
- **Hours in One Department:** For B.A. and B.S. degrees, no more than 54 hours in one department may be applied to degree requirements.

## College of Arts and Sciences Requirements

### 1. General Education Requirements

No more than two courses (or eight hours) from the major department (<http://catalog.okstate.edu/college-arts-sciences-major-departments/>) may be used to meet General Education and College and Departmental Requirements. The General Education required English Composition, required U.S. History, required American Government, one required MATH or STAT course, and required foreign language for B.A. degrees do not count against the two-course maximum.

### 2. A&S College/Departmental Requirements

- Arts and Humanities are defined as any course carrying an (H) designation or courses from AMST, ART, DANC, ENGL (except ENGL 3323 Technical Writing) HIST, MUSI, PHIL (except PHIL 1313 Logic and Critical Thinking (A), PHIL 3003 Symbolic Logic (A) and PHIL 4003 Mathematical Logic and Computability), REL, TH, and foreign languages.
- Natural and Mathematical Sciences are defined as any course from the following prefixes: ASTR, BIOC, BIOL, CHEM, CS (except CS 4883 Social Issues in Computing), GEOL, MATH, MICR, PBIO, PHYS, and STAT; or courses from other departments that carry an (A) or (N) general education designation.

- The required six hours of upper-division General Education may not include courses from the student's major department. This requirement may be satisfied by courses also used to satisfy any part of a student's degree program (i.e., in General Education, College Departmental Requirements, Major Requirements or Electives).
- Non-Western Studies Requirement for B.A. and B.F.A.; One 3-hour course in Non-Western Studies (N.W.). This requirement may be satisfied by courses also used to satisfy any part of a student's degree program (i.e., in General Education, College Departmental Requirements, Major Requirements or Electives).
- The College of Arts & Sciences requires a minimum 2.0 GPA in all major requirements and a minimum 2.0 GPA in all major-prefix courses applied to the degree.

### 3. Foreign Language Proficiency

- The foreign language requirement for the B.A. may be satisfied by 9 hours college credit in the same language, which must include 3 hours at the 2000-level, or equivalent proficiency (e.g., passing an advanced standing examination; TOEFL exam; presenting a high school transcript which demonstrates the high school was primarily conducted in a language other than English; etc.). Computer Science courses may not be used to satisfy this requirement. Currently Arabic and Mvskoke are not offered at the 2000-level at OSU.
- The foreign language requirement for the B.S., B.M. and B.F.A. may be satisfied by presenting a high school transcript which demonstrates two years of study of a single foreign language (passing grades at second-year level of study). It may also be satisfied by 6 hours college credit in the same language, which must include language courses 1713 and 1813, or equivalent proficiency (e.g., passing an advanced standing examination; TOEFL exam; presenting a high school transcript which demonstrates the high school was primarily conducted in a language other than English; etc.). Computer Science courses may not be used to satisfy this requirement.
- In addition to a. and b., students pursuing teacher certification must meet novice-high foreign language proficiency by presenting a high school transcript which demonstrates two years of study of a single foreign language with no grade below B. Or, students may complete 3 hours college credit in a single language with no grade below C (or pass an advanced standing examination, College Level Examination Program (CLEP) exam, or Oral Proficiency Interview developed by the American Council on the Teaching of Foreign Languages, equivalent to 3 hours of college credit.) Or, students may meet the requirement by transfer of documentation of meeting the foreign language competency from one of the teacher education programs in the State of Oklahoma approved by the Oklahoma State Regents for Higher Education.

### 4. Exclusions

- Courses used to satisfy the General Education English Composition, U.S. History, American Government, and Mathematics or Statistics requirements will not count toward the 54-hour maximum allowed from one department.
- Courses with ATHL or LEIS prefixes and leisure activity courses may not be used for degree credit.

## Additional State/OSU Requirements

- At least: 60 hours at a four-year institution; 30 hours completed at OSU; 15 of the final 30 or 50% of the upper-division hours in the major field completed at OSU.
- Limit of: one-half of major course requirements as transfer work; one-fourth of hours earned by correspondence; 8 transfer correspondence hours.
- Students will be held responsible for degree requirements in effect at the time of matriculation and any changes that are made, so long as these changes do not result in semester credit hours being added or do not delay graduation.
- Degrees that follow this plan must be completed by the end of Summer 2028.

## Example Plan of Study

### Finish in Four Plan of Study

The plan below is an **example** of how students can successfully complete degree requirements in four years. This suggested class schedule plan may be used as a guide and can be adjusted based on individual needs. Students are required to meet with an academic advisor prior to enrollment each semester to plan their class schedule, and students are ultimately responsible for completing all degree requirements.

Course	Title	Hours
<b>Freshman</b>		
<b>Fall</b>		
ENGL 1113 or ENGL 1313	Composition I or Critical Analysis and Writing I	3
MATH 1813	Preparation for Calculus (A)	3
BIOL 1113 & BIOL 1111	Introductory Biology (N) and Introductory Biology Laboratory (LN)	4
General Education courses		5
<b>Hours</b>		<b>15</b>
<b>Spring</b>		
ENGL 1213 or ENGL 1413	Composition II or Critical Analysis and Writing II	3
CHEM 1314	Chemistry I (LN)	4
BIOL 1604	Animal Biology	4
General Education courses		4
<b>Hours</b>		<b>15</b>
<b>Sophomore</b>		
<b>Fall</b>		
CHEM 1515	Chemistry II (LN)	5
MICR 2123	Introduction to Microbiology	3
MICR 2132	Introduction to Microbiology Laboratory	2
STAT 4013 or STAT 2013	Statistical Methods I (A) or Elementary Statistics (A)	3
General Education courses		2
<b>Hours</b>		<b>15</b>
<b>Spring</b>		
BIOL 3204	Physiology	4
ANSI 3543	Principles of Animal Nutrition	3
PHYS 1114	College Physics I (LN)	4
College and Elective courses		4
<b>Hours</b>		<b>15</b>
<b>Junior</b>		
<b>Fall</b>		
CHEM 3013 or CHEM 3053	Survey of Organic Chemistry or Organic Chemistry I	3

CHEM 3012	Survey of Organic Chemistry Laboratory (If taking CHEM 3013)	2
PHYS 1214	College Physics II (LN)	4
Major, College, and Elective courses		6
<b>Hours</b>		<b>15</b>
<b>Spring</b>		
CHEM 3153	Organic Chemistry II	3
CHEM 3112	Organic Chemistry Laboratory (If CHEM 3053)	2
BIOL 4700 or BIOL 4710	Undergraduate Research Problems or Internships in Integrative Biology	1
BIOL 3034	General Ecology	4
College and Elective courses		5
<b>Hours</b>		<b>15</b>
<b>Senior</b>		
<b>Fall</b>		
BIOL 3023	General Genetics	3
BIOC 3653	Survey of Biochemistry	3
BIOL 3114	Vertebrate Zoology	4
BIOL 3104 or BIOL 4104	Invertebrate Zoology or General Parasitology	4
<b>Hours</b>		<b>14</b>
<b>Spring</b>		
BIOL 4133	Evolution	3
Major and Elective courses (suggest ENGL 3323)		13
<b>Hours</b>		<b>16</b>
<b>Total Hours</b>		<b>120</b>

1

Speak with academic advisor about saving General Education electives and Humanities (H) for Upper-division courses with International (I) and Diversity (D) dimensions.

# Zoology: Secondary Teacher Certification, BS

## Degree Requirements

**Requirements for Students Matriculating in or before Academic Year 2022-2023.** Learn more about University Academic Regulation 3.1 (p. 943).

**Minimum Overall Grade Point Average: 2.50**

**Total Hours: 120**

Code	Title	Hours
<b>General Education Requirements</b>		
<i>English Composition</i>		
See Academic Regulation 3.5 (p. 944)		
ENGL 1113	Composition I	3
or ENGL 1313	Critical Analysis and Writing I	
Select one of the following:		3
ENGL 1213	Composition II	
ENGL 1413	Critical Analysis and Writing II	
ENGL 3323	Technical Writing	
<i>American History &amp; Government</i>		
HIST 1103	Survey of American History	3
or HIST 1483	American History to 1865 (H)	
or HIST 1493	American History Since 1865 (DH)	
POLS 1113	American Government	3
<i>Analytical &amp; Quantitative Thought (A)</i>		
STAT 4013	Statistical Methods I (A) <sup>1,2</sup>	3
or STAT 2013	Elementary Statistics (A)	
MATH 1813	Preparation for Calculus (A) (or higher) <sup>1,2</sup>	3
or MATH 1613	Trigonometry (A)	
<i>Humanities (H)</i>		
PHIL 3933	Creation and Evolution <sup>1</sup>	3
Course Designated (H)		3
<i>Natural Sciences (N)</i>		
PHYS 1114	College Physics I (LN) <sup>1,2</sup>	4
or PHYS 2014	University Physics I (LN)	
PBIO 1404	Plant Biology (LN) <sup>1,2</sup>	4
Select four hours from the following:		4
BIOL 1113	Introductory Biology (N)	
& BIOL 1111	and Introductory Biology Laboratory (LN) <sup>1,2</sup>	
BIOL 1114	Introductory Biology (LN) <sup>1,2</sup>	
Must include one Laboratory Science (L) course.		
<i>Social &amp; Behavioral Sciences (S)</i>		
Course designated (S)		3
<i>Additional General Education</i>		
Courses designated (A), (H), (N), or (S)		1
<b>Hours Subtotal</b>		<b>40</b>

### Diversity (D) & International Dimension (I)

May be completed in any part of the degree plan

Select at least one Diversity (D) course.

Select at least one International Dimension (I) course.

<b>College/Departmental Requirements</b>		
<i>First Year Seminar</i>		
(Transfer students with 15 hours exempt.)		1
<i>Arts &amp; Humanities</i>		
(See note 2.a.)		3
<i>Natural &amp; Mathematical Sciences</i>		
CHEM 1314	Chemistry I (LN) <sup>2</sup>	4
CHEM 1515	Chemistry II (LN) <sup>2</sup>	5
<i>Foreign Language</i>		
(See note 3)		
0-6 hours		
<i>Upper-Division General Education</i>		
Select 6 hours outside major department		
(See note 2.c.)		
<b>Hours Subtotal</b>		<b>13</b>
<b>Major Requirements</b>		
<i>Zoology Core</i>		
Minimum GPA 2.50 and minimum grade of "C" or "P" for courses in Zoology Core and those denoted with <sup>2</sup>		
BIOL 1604	Animal Biology	4
BIOL 3023	General Genetics	3
BIOL 3034	General Ecology	4
BIOL 3104	Invertebrate Zoology	4
BIOL 3114	Vertebrate Zoology	4
BIOL 3204	Physiology	4
BIOL 4133	Evolution	3
CHEM 3013	Survey of Organic Chemistry	3
MICR 3033	Cell and Molecular Biology	3
<i>Secondary Education Professional Core:</i>		
Minimum GPA 2.50 and minimum grade of "C" or "P" in each course		
SMED 1012	Inquiry Approaches to Teaching	2
SMED 3013	Knowing and Learning in Mathematics and Science	3
SMED 4013	Classroom Interactions	3
SMED 4023	Problem-Based Learning in Mathematics and Science	3
SMED 4611	Authentic Research in the Science Classroom <sup>3</sup>	1
SMED 4613	Teaching the Nature of Science Through an Inquiry Approach <sup>3</sup>	3
SMED 4713	Teaching and Learning Science in the Secondary School <sup>3</sup>	3
SMED 4723	Senior Seminar in Secondary Mathematics and Science Education <sup>3</sup>	3
SPED 3202	Educating Exceptional Learners (D)	2
CIED 4720	Internship in the Secondary Classroom <sup>3</sup>	6
<b>Hours Subtotal</b>		<b>61</b>

### Electives

Select 6 hours

MATH 1513 required for students who do not place directly into MATH 1813 (or MATH 1613).

May need to include 6 hours of a foreign language (see note 3).

<b>Hours Subtotal</b>	<b>6</b>
<b>Total Hours</b>	<b>120</b>

1

College and Departmental Requirements that may be used to meet General Education Requirements.

2

Minimum GPA 2.50 and minimum grade of "C" or "P" for courses in Zoology Core and those denoted with this footnote.

3

Full admission to Professional Education required.

## Other Requirements

- See the College of Arts and Sciences Requirements.
- **Upper-Division Credit:** Total hours must include at least 48 hours in courses numbered 3000 or above.
- **Hours in One Department:** For B.A. and B.S. degrees, no more than 54 hours in one department may be applied to degree requirements.

## College of Arts and Sciences Requirements

### 1. General Education Requirements

No more than two courses (or eight hours) from the major department (<http://catalog.okstate.edu/college-arts-sciences-major-departments/>) may be used to meet General Education and College and Departmental Requirements. The General Education required English Composition, required U.S. History, required American Government, one required MATH or STAT course, and required foreign language for B.A. degrees do not count against the two-course maximum.

### 2. A&S College/Departmental Requirements

- Arts and Humanities are defined as any course carrying an (H) designation or courses from AMST, ART, DANC, ENGL (except ENGL 3323 Technical Writing) HIST, MUSI, PHIL (except PHIL 1313 Logic and Critical Thinking (A), PHIL 3003 Symbolic Logic (A) and PHIL 4003 Mathematical Logic and Computability), REL, TH, and foreign languages.
- Natural and Mathematical Sciences are defined as any course from the following prefixes: ASTR, BIOC, BIOL, CHEM, CS (except CS 4883 Social Issues in Computing), GEOL, MATH, MICR, PBIO, PHYS, and STAT; or courses from other departments that carry an (A) or (N) general education designation.
- The required six hours of upper-division General Education may not include courses from the student's major department. This requirement may be satisfied by courses also used to satisfy any part of a student's degree program (i.e., in General Education, College Departmental Requirements, Major Requirements or Electives).
- Non-Western Studies Requirement for B.A. and B.F.A.; One 3-hour course in Non-Western Studies (N.W.). This requirement may be satisfied by courses also used to satisfy any part of a student's degree program (i.e., in General Education, College Departmental Requirements, Major Requirements or Electives).
- The College of Arts & Sciences requires a minimum 2.0 GPA in all major requirements and a minimum 2.0 GPA in all major-prefix courses applied to the degree.

### 3. Foreign Language Proficiency

- The foreign language requirement for the B.A. may be satisfied by 9 hours college credit in the same language, which must include 3 hours at the 2000-level, or equivalent proficiency (e.g., passing an advanced standing examination; TOEFL exam; presenting a high school transcript which demonstrates the high school was primarily conducted in a language other than English; etc.). Computer Science courses may not be used to satisfy this requirement. Currently Arabic and Mvskoke are not offered at the 2000-level at OSU.
- The foreign language requirement for the B.S., B.M. and B.F.A. may be satisfied by presenting a high school transcript which demonstrates two years of study of a single foreign language (passing grades at second-year level of study). It may also be satisfied by 6 hours college credit in the same language, which must include language courses 1713 and 1813, or equivalent proficiency (e.g., passing an advanced standing examination; TOEFL exam; presenting a high school transcript which demonstrates the high school was primarily conducted in a language other than English; etc.). Computer Science courses may not be used to satisfy this requirement.
- In addition to a. and b., students pursuing teacher certification must meet novice-high foreign language proficiency by presenting a high school transcript which demonstrates two years of study of a single foreign language with no grade below B. Or, students may complete 3 hours college credit in a single language with no grade below C (or pass an advanced standing examination, College Level Examination Program (CLEP) exam, or Oral Proficiency Interview developed by the American Council on the Teaching of Foreign Languages, equivalent to 3 hours of college credit.) Or, students may meet the requirement by transfer of documentation of meeting the foreign language competency from one of the teacher education programs in the State of Oklahoma approved by the Oklahoma State Regents for Higher Education.

### 4. Exclusions

- Courses used to satisfy the General Education English Composition, U.S. History, American Government, and Mathematics or Statistics requirements will not count toward the 54-hour maximum allowed from one department.
- Courses with ATHL or LEIS prefixes and leisure activity courses may not be used for degree credit.

## Additional State/OSU Requirements

- At least: 60 hours at a four-year institution; 30 hours completed at OSU; 15 of the final 30 or 50% of the upper-division hours in the major field completed at OSU.
- Limit of: one-half of major course requirements as transfer work; one-fourth of hours earned by correspondence; 8 transfer correspondence hours.
- Students will be held responsible for degree requirements in effect at the time of matriculation and any changes that are made, so long as these changes do not result in semester credit hours being added or do not delay graduation.
- Degrees that follow this plan must be completed by the end of Summer 2028.

## Example Plan of Study

### Finish in Four Plan of Study



The plan below is an example of how students can successfully complete degree requirements in four years. This suggested class schedule plan may be used as a guide and can be adjusted based on individual needs. Students are required to meet with an academic advisor prior to enrollment each semester to plan their class schedule, and students are ultimately responsible for completing all degree requirements.

Course	Title	Hours
<b>Freshman</b>		
<b>Fall</b>		
A&S 1111	A&S First Year Seminar	1
ENGL 1113 or ENGL 1313	Composition I or Critical Analysis and Writing I	3
MATH 1813	Preparation for Calculus (A)	3
BIOL 1113 & BIOL 1111	Introductory Biology (N) and Introductory Biology Laboratory (LN)	4
SMED 1012	Inquiry Approaches to Teaching	2
General Education courses		3
<b>Hours</b>		<b>16</b>
<b>Spring</b>		
ENGL 1213 or ENGL 1413	Composition II or Critical Analysis and Writing II	3
CHEM 1314	Chemistry I (LN)	4
BIOL 1604	Animal Biology	4
General Education courses		4
<b>Hours</b>		<b>15</b>
<b>Sophomore</b>		
<b>Fall</b>		
CHEM 1515	Chemistry II (LN)	5
PBIO 1404	Plant Biology (LN)	4
PHIL 3933	Creation and Evolution	3
General Education courses		3
<b>Hours</b>		<b>15</b>
<b>Spring</b>		
BIOL 3104	Invertebrate Zoology	4
PHYS 1114 or PHYS 2014	College Physics I (LN) or University Physics I (LN)	4
SPED 3202	Educating Exceptional Learners (D)	2
SMED 3013	Knowing and Learning in Mathematics and Science	3
General Education and Major courses		3
<b>Hours</b>		<b>16</b>
<b>Junior</b>		
<b>Fall</b>		
BIOL 3023	General Genetics	3
BIOL 3114	Vertebrate Zoology	4
MICR 3033	Cell and Molecular Biology	3
SMED 4013	Classroom Interactions	3
General Education and College courses		3
<b>Hours</b>		<b>16</b>
<b>Spring</b>		
BIOL 4133	Evolution	3
CHEM 3013	Survey of Organic Chemistry	3
BIOL 3204	Physiology	4
SMED 4611	Authentic Research in the Science Classroom	1
SMED 4613	Teaching the Nature of Science Through an Inquiry Approach	3
Major, College, and Elective courses		3
<b>Hours</b>		<b>17</b>
<b>Senior</b>		
<b>Fall</b>		
BIOL 3034	General Ecology	4
STAT 4013 or STAT 2013	Statistical Methods I (A) or Elementary Statistics (A)	3

SMED 4023	Problem-Based Learning in Mathematics and Science	3
SMED 4713	Teaching and Learning Science in the Secondary School	3
General Education, College, and Elective courses		3
<b>Hours</b>		<b>16</b>
<b>Spring</b>		
CIED 4720	Internship in the Secondary Classroom	6
SMED 4723	Senior Seminar in Secondary Mathematics and Science Education	3
<b>Hours</b>		<b>9</b>
<b>Total Hours</b>		<b>120</b>

## Languages and Literatures

The Department of Languages and Literatures offers American Sign Language, French, German, and Spanish as major fields of study. Minors may be earned in American Sign Language, Chinese, French, German, ancient Greek, Japanese, Latin, Russian, and Spanish, or an Area Studies program.

In all languages offered by the department, elementary courses are available for students with no previous experience. Students with previous foreign language experience are strongly encouraged to take placement tests to find the course best suited for their level of proficiency. A language major is often supported by study of another language or work in other fields.

The study of languages is a vital and humanizing part of a general education and an excellent addition to just about any field of study. In a rapidly changing and shrinking world, it offers new cultural insights, breaks down insularity, fosters discipline of thought and expression, and leads to a better understanding of one's native language and culture. Language majors may expect to find openings in a wide variety of careers in law, medicine, government, industry and commerce. Job opportunities are greatly enhanced for those who combine language study with a dual degree or minor in other disciplines. There is a growing demand for language teachers in secondary education. Bachelor of Arts candidates may qualify for teaching licensure without increasing the number of hours required for graduation.

In addition to the standard courses in language, literature and civilization for individual languages, the department offers courses in literature in English translation for general education, and courses in German and Russian for reading knowledge.

### Courses

#### ASL 1713 American Sign Language I

**Description:** Introduction to American Sign Language: development of receptive and expressive skills in authentic situations and an introduction to Deaf Culture; fingerspelling, numbers, classifiers, and facial expressions. Not for native speakers per University Academic Regulations 4.9. Previously offered as ASL 1115.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Languages and Literatures

#### ASL 1813 American Sign Language II

**Prerequisites:** ASL 1713 or equivalent proficiency.

**Description:** Continuation of ASL 1713, further development of receptive and expressive skills in authentic situations and study of Deaf Culture. Learners are required to attend functions within the Deaf Community and focus on the different accents within sign language. Not for native speakers per University Academic Regulation 4.9. Previously offered as ASL 1225.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Languages and Literatures

#### ASL 2713 American Sign Language III

**Prerequisites:** ASL 1813 or equivalent proficiency.

**Description:** This course is designed to provide a development of skills in non-verbal communications and increased understanding of the types and uses of classifiers in ASL. Emphasizes the use and understanding of facial expression, gestures, pantomime, and body language. Students will develop further abilities to utilize this component of ASL in their expressive and receptive signing abilities. Not for native speakers per University Academic Regulation 4.9.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Languages and Literatures

#### ASL 2723 American Deaf Culture

**Prerequisites:** ASL 1813 or equivalent proficiency.

**Description:** This course provides an analysis of the development and historical overview of Deaf culture in the United States. Topics include: education of the D/deaf; Deaf films, theaters, arts, and clubs; preservation of American Sign Language; technology and services in the Deaf community. The student's acculturation process is facilitated by active participation in the Stillwater/Tulsa Deaf community. This course is taught in ASL.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Languages and Literatures

#### ASL 2813 Intermediate Grammar

**Prerequisites:** ASL 2713 or equivalent proficiency.

**Description:** This course delves into the grammatical structures in ASL; work on developing receptive skills for voicing. Continued work on production of ASL that includes pronominalization, classifiers and locatives, distributional, temporal, pluralization, and grammatical structures. Students will view and analyze ASL stories, and be required to go out to the community to gain further understanding of these issues firsthand. Not for native speakers per University Academic Regulation 4.9.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Languages and Literatures

#### ASL 2823 Cultural Diversity in the Deaf Community

**Prerequisites:** ASL 2723 or equivalent proficiency.

**Description:** This course covers ethnic and cultural diversity within the American Deaf community specifically. Deaf people of color. Students explore how biases and stereotypes form, do self-analysis and consider how these factors may impact their work as Deaf interpreters. Students also research a variety of organizations representing Deaf ethnic and cultural groups further developing their individual resources. Also examined are societal attitudes regarding disability in general and hearing loss and communication difficulties in particular.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Languages and Literatures

**ASL 3113 Cognitive Processing****Prerequisites:** ASL 2813 or equivalent proficiency.**Description:** This course introduces cognitive processes of communication. Cognitive processing underlies some of the more complex aspects of simultaneous interpreting. Topics to be covered in the course include language and intralingual skills, memory, comprehension, and routinization of complex cognitive linguistic tasks. Students will develop further abilities to utilize this component of ASL in their expressive and receptive signing abilities.**Credit hours:** 3**Contact hours:** Lecture: 3 Contact: 3**Levels:** Undergraduate**Schedule types:** Lecture**Department/School:** Languages and Literatures**ASL 3123 Translation****Prerequisites:** ASL 3113 or equivalent proficiency.**Description:** This course focuses on developing translation skills. Translation skills are critical in delivering message equivalence between languages. Emphasis will be on preparing to translate, interlingual meaning transfer, target language form, framing the cognitive interpreting process, and norms of diverse linguistic populations. The translation skills acquired from this course serve as a foundation for consecutive and simultaneous interpreting.**Credit hours:** 3**Contact hours:** Lecture: 3 Contact: 3**Levels:** Undergraduate**Schedule types:** Lecture**Department/School:** Languages and Literatures**ASL 3500 Interpreting Special Areas****Prerequisites:** Consent of instructor.**Description:** Instruction and/or tutorial work in American Sign Languages other than those offered in the major program. Offered for variable credit, 1-6 credit hours, maximum of 20 credit hours.**Credit hours:** 1-6**Contact hours:** Contact: 1-6 Other: 1-6**Levels:** Undergraduate**Schedule types:** Independent Study**Department/School:** Languages and Literatures**ASL 3713 Introduction to Interpreting****Prerequisites:** ASL 2813 or equivalent proficiency.**Description:** Learners analyze the conceptual English meaning and produce equivalent meaning in ASL; take idiomatic features and voice into English; expand their knowledge of the linguistic, grammatical, conceptual, morphemic, and idiomatic features in American Sign Language vs. English; voice or sign for equivalent meaning.**Credit hours:** 3**Contact hours:** Lecture: 3 Contact: 3**Levels:** Undergraduate**Schedule types:** Lecture**Department/School:** Languages and Literatures**ASL 3723 Science, Technology, Engineering, and Math I****Prerequisites:** ASL 2813 or equivalent proficiency.**Description:** This course will provide an interdisciplinary approach to integrating STEM into practice across the disciplines. The course will involve participation in problem-based and project-based learning activities, mathematics and science, inquiries learning tasks, and using technology to gain and display information. Students will practice backwards design to develop their own STEM learning activity. This course will be taught in total immersion of ASL during introductions and activities.**Credit hours:** 3**Contact hours:** Lecture: 3 Contact: 3**Levels:** Undergraduate**Schedule types:** Lecture**Department/School:** Languages and Literatures**ASL 3813 Linguistics of American Sign Language****Prerequisites:** ASL 2813 or equivalent proficiency.**Description:** Presents authoritative readings on the most current linguistic concepts, including the fundamentals of phonology, morphology, syntax, semantics, and the use of language; stimulate discussion about the ongoing development of ASL linguistic theory; look at groundbreaking research on iconic signs in ASL, variation in ASL, different functions of space in ASL, and the artistic forms of ASL. Previously offered as ASL 3503.**Credit hours:** 3**Contact hours:** Lecture: 3 Contact: 3**Levels:** Undergraduate**Schedule types:** Lecture**Department/School:** Languages and Literatures**ASL 3823 Science, Technology, Engineering, and Math II****Prerequisites:** ASL 3723 or equivalent proficiency.**Description:** This course is a continuation of STEM 1 and will provide an interdisciplinary approach to integrating STEM into practice across the disciplines. The course will involve participation in problem-based and project-based learning activities, mathematics and science, inquiries learning tasks, and using technology to gain and display information. We will also delve into arts, health, and other technical aspects of educational arenas. Students will practice backwards design to develop their own STEM learning activity. This course will be taught in total immersion of ASL during introductions and activities.**Credit hours:** 3**Contact hours:** Lecture: 3 Contact: 3**Levels:** Undergraduate**Schedule types:** Lecture**Department/School:** Languages and Literatures**ASL 4333 Sign to Voice to Sign****Prerequisites:** ASL 2813 or equivalent proficiency.**Description:** Students will work on the skills of interpreting and transliterating, on voicing skills (sign to voice) and signing skills (voice to sign) by using conceptually accurate signs, classifiers and English sentences (for voicing). Students will also work on the processes of interpreting and transliterating, record these and work on lag time, facial expressions, and accuracy, if permitted, will work within a real setting to practice skills.**Credit hours:** 3**Contact hours:** Lecture: 3 Contact: 3**Levels:** Undergraduate**Schedule types:** Lecture**Department/School:** Languages and Literatures

**ASL 4550 Seminar in ASL****Prerequisites:** Consent of instructor.**Description:** Readings and discussion of vital subjects in American Sign Language. Offered for variable credit, 1-3 credit hours, maximum of 9 credit hours.**Credit hours:** 1-3**Contact hours:** Contact: 1-3 Other: 1-3**Levels:** Undergraduate**Schedule types:** Independent Study**Department/School:** Languages and Literatures**ASL 4713 American Sign Language Literature****Prerequisites:** ASL 2813 or equivalent proficiency.**Description:** Focus on ASL literature and narrations. Use of authentic stories from deaf presenters. Creation of poems and narrative stories that follow ASL structure and grammatical rules based on stories and history gleaned of the community of the Deaf World.**Credit hours:** 3**Contact hours:** Lecture: 3 Contact: 3**Levels:** Undergraduate**Schedule types:** Lecture**Department/School:** Languages and Literatures**ASL 4723 Simultaneous Interpreting****Prerequisites:** ASL 3723 or equivalent proficiency.**Description:** This course is a continuation of consecutive interpreting and focuses on English and ASL simultaneous interpreting skills. Course topics include identifying sources of error, comprehension, transfer, reformulation, and self-monitoring. Students will also further develop their linguistic competencies of ASL and English.**Credit hours:** 3**Contact hours:** Lecture: 3 Contact: 3**Levels:** Undergraduate**Schedule types:** Lecture**Department/School:** Languages and Literatures**ASL 4813 Ethics for Interpreters****Prerequisites:** ASL 2813 or equivalent proficiency.**Description:** Understand the purpose and obligations of an interpreter; how this role will affect the interpreter as well as others, since all actions have consequences. Look at stakeholders and short-term and long-term effects of decisions made and be able to support those decisions with ethical standards. Preparation to take the State of Oklahoma Quality Assurance Screening Test (QAST) by the end of the course. Previously offered as ASL 3603.**Credit hours:** 3**Contact hours:** Lecture: 3 Contact: 3**Levels:** Undergraduate**Schedule types:** Lecture**Department/School:** Languages and Literatures**CHIN 1713 Elementary Chinese I****Description:** Basic introduction to spoken Mandarin Chinese and Chinese characters. Training in pronunciation, conversation, grammar and reading. Not for native speakers per University Academic Regulation 4.9. Previously offered as CHIN 1115.**Credit hours:** 3**Contact hours:** Lecture: 3 Contact: 3**Levels:** Undergraduate**Schedule types:** Lecture**Department/School:** Languages and Literatures**CHIN 1813 Elementary Chinese II****Prerequisites:** CHIN 1713 or equivalent proficiency.**Description:** Continuation of CHIN 1713. Mastery of the basic grammatical patterns and conversational principles, and increasing repertory of Chinese characters. Not for native speakers per University Academic Regulation 4.9. Previously offered as CHIN 1225.**Credit hours:** 3**Contact hours:** Lecture: 3 Contact: 3**Levels:** Undergraduate**Schedule types:** Lecture**Department/School:** Languages and Literatures**CHIN 2713 Intermediate Chinese I****Prerequisites:** CHIN 1813 or equivalent proficiency.**Description:** A continuation of CHIN 1813. Emphasis on fluency in spoken Mandarin Chinese, structures of greater complexity, a greater repertory of characters and vocabulary items, and reading ability. Not for native speakers per University Academic Regulation 4.9. Previously offered as CHIN 2115.**Credit hours:** 3**Contact hours:** Lecture: 3 Contact: 3**Levels:** Undergraduate**Schedule types:** Lecture**Department/School:** Languages and Literatures**CHIN 2813 Intermediate Chinese II****Prerequisites:** CHIN 2713 or equivalent proficiency.**Description:** Continuation of CHIN 2713. Not for native speakers per University Academic Regulation 4.9. Previously offered as CHIN 2225.**Credit hours:** 3**Contact hours:** Lecture: 3 Contact: 3**Levels:** Undergraduate**Schedule types:** Lecture**Department/School:** Languages and Literatures**CHIN 3343 Business Chinese****Prerequisites:** CHIN 2813 or equivalent proficiency.**Description:** This course is designed to help students build upon their fundamental Chinese language communication skills by using professional and formal business tools such as letters, reports, news, and oral presentations in structured business environments.**Credit hours:** 3**Contact hours:** Lecture: 3 Contact: 3**Levels:** Undergraduate**Schedule types:** Lecture**Department/School:** Languages and Literatures**CHIN 3713 Chinese Culture (I)****Description:** Historical, cultural, social, economic, and political aspects of China.**Credit hours:** 3**Contact hours:** Lecture: 3 Contact: 3**Levels:** Undergraduate**Schedule types:** Lecture**Department/School:** Languages and Literatures**General Education and other Course Attributes:** International Dimension

**CHIN 3813 Chinese Literature in Translation**

**Description:** Development of student competence in reading a wide variety of materials by contemporary Chinese writers. Previously offered as CHIN 4133.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Languages and Literatures

**CHIN 4713 Advanced Readings in Chinese**

**Prerequisites:** CHIN 2813 or equivalent proficiency.

**Description:** Development of student competence in reading a wide variety of materials by contemporary Chinese writers. Previously offered as CHIN 3133.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Languages and Literatures

**CHIN 4813 Advanced Chinese Conversation**

**Prerequisites:** CHIN 2813 or equivalent proficiency.

**Description:** Development of general oral and aural proficiency. Previously offered as CHIN 3013.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Languages and Literatures

**FREN 1713 Elementary French I**

**Description:** Main elements of grammar and pronunciation, with work on the four basic skills of listening comprehension, speaking, reading and writing. Not for native speakers per University Academic Regulation 4.9. Previously offered as FREN 1115.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Languages and Literatures

**FREN 1813 Elementary French II**

**Prerequisites:** FREN 1713 or equivalent proficiency.

**Description:** Continuation of FREN 1713. Not for native speakers per University Academic Regulation 4.9. Previously offered as FREN 1225.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Languages and Literatures

**FREN 2713 Intermediate Reading and Conversation I (I)**

**Prerequisites:** FREN 1813 or equivalent proficiency.

**Description:** Reading and discussion of simpler French texts, mostly cultural. May be taken concurrently with other 2000-level French courses. Not for native speakers per University Academic Regulation 4.9. Previously offered as FREN 2112.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Languages and Literatures

**General Education and other Course Attributes:** International Dimension

**FREN 2723 Intermediate Grammar and Composition I**

**Prerequisites:** FREN 1813 or equivalent proficiency.

**Description:** Review and further presentation of grammar and pronunciation; consolidation of basic skills, with additional emphasis on writing. May be taken concurrently with other 2000-level French courses. Not for native speakers per University Academic Regulation 4.9. Previously offered as FREN 2113.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Languages and Literatures

**FREN 2813 Intermediate Reading and Conversation II**

**Prerequisites:** FREN 2713 or equivalent proficiency.

**Description:** Reading and discussion of more advanced French texts, mostly literary. May be taken concurrently with other 2000-level French courses. Not for native speakers per University Academic Regulation 4.9. Previously offered as FREN 2232.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Languages and Literatures

**FREN 2823 Intermediate Grammar & Comp II**

**Prerequisites:** FREN 2723 or equivalent proficiency.

**Description:** Continuation of FREN 2723. May be taken concurrently with other 2000-level French courses. Not for native speakers per University Academic Regulation 4.9.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Languages and Literatures

**FREN 3073 French Conversation**

**Prerequisites:** 18 hours of French or equivalent proficiency.

**Description:** Colloquial speech, with discussion of French newspapers and magazines. Practice in brief public address in French.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Languages and Literatures

**FREN 3203 Advanced Written Expression**

**Prerequisites:** 18 hours of French or equivalent proficiency.

**Description:** Practice in composition and stylistics, designed to bring students up to a high level of proficiency in writing.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Languages and Literatures

**FREN 3213 Advanced Grammar**

**Prerequisites:** 18 hours of French or equivalent proficiency.

**Description:** Conceptual framework and presentation of the finer points of French grammar.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Languages and Literatures



**FREN 3343 Business French**

**Prerequisites:** 18 hours of French or equivalent proficiency.  
**Description:** Applied French for students in commercial and technical fields. Overview and strategies of business and economic climate in France.  
**Credit hours:** 3  
**Contact hours:** Lecture: 3 Contact: 3  
**Levels:** Undergraduate  
**Schedule types:** Lecture  
**Department/School:** Languages and Literatures

**FREN 3463 Advanced Diction and Phonetics**

**Prerequisites:** 18 hours of French or equivalent proficiency.  
**Description:** Required course for teacher certification. French speech sounds and intonation patterns, with practice to improve the student's pronunciation.  
**Credit hours:** 3  
**Contact hours:** Lecture: 3 Contact: 3  
**Levels:** Undergraduate  
**Schedule types:** Lecture  
**Department/School:** Languages and Literatures

**FREN 3853 Introduction to Analysis of French Literature**

**Prerequisites:** 18 hours of French or equivalent proficiency.  
**Description:** Close reading of shorter texts in a variety of literary genres, with presentation of French versification and literary terminology.  
**Credit hours:** 3  
**Contact hours:** Lecture: 3 Contact: 3  
**Levels:** Undergraduate  
**Schedule types:** Lecture  
**Department/School:** Languages and Literatures

**FREN 4153 Survey of French Literature I**

**Prerequisites:** 18 hours of French or equivalent proficiency.  
**Description:** Historical survey of French literature before 1800, with reading of representative texts.  
**Credit hours:** 3  
**Contact hours:** Lecture: 3 Contact: 3  
**Levels:** Undergraduate  
**Schedule types:** Lecture  
**Department/School:** Languages and Literatures

**FREN 4173 Survey of French Literature II**

**Prerequisites:** 18 hours of French or equivalent proficiency.  
**Description:** Historical survey of French literature since 1800, with reading of representative texts.  
**Credit hours:** 3  
**Contact hours:** Lecture: 3 Contact: 3  
**Levels:** Undergraduate  
**Schedule types:** Lecture  
**Department/School:** Languages and Literatures

**FREN 4333 Background of Modern French Civilization**

**Prerequisites:** 18 hours of French or equivalent proficiency.  
**Description:** General overview of French history, geography, and culture, with emphasis on art, music, and intellectual movements. Capstone course.  
**Credit hours:** 3  
**Contact hours:** Lecture: 3 Contact: 3  
**Levels:** Undergraduate  
**Schedule types:** Lecture  
**Department/School:** Languages and Literatures

**FREN 4550 Directed Studies in French**

**Prerequisites:** 18 credit hours of French or equivalent proficiency.  
**Description:** Individual or group study of French language or literature. Offered for variable credit, 1-3 credit hours, maximum of 9 credit hours.  
**Credit hours:** 1-3  
**Contact hours:** Contact: 1-3 Other: 1-3  
**Levels:** Undergraduate  
**Schedule types:** Independent Study  
**Department/School:** Languages and Literatures

**FREN 4573 Modern French Theater**

**Prerequisites:** 18 hours of French or equivalent proficiency.  
**Description:** Analysis of French plays from the 19th and 20th centuries.  
**Credit hours:** 3  
**Contact hours:** Lecture: 3 Contact: 3  
**Levels:** Undergraduate  
**Schedule types:** Lecture  
**Department/School:** Languages and Literatures

**FREN 5110 Advanced Studies in French**

**Prerequisites:** 15 credit hours of upper-division French.  
**Description:** Discussion or research in specialized topics. Offered for variable credit, 1-3 credit hours, maximum of 9 credit hours.  
**Credit hours:** 1-3  
**Contact hours:** Contact: 1-3 Other: 1-3  
**Levels:** Graduate  
**Schedule types:** Independent Study  
**Department/School:** Languages and Literatures

**GREK 1713 Elementary Classical Greek I**

**Description:** Grammar and vocabulary of ancient Greek. Previously offered as GREK 1113.  
**Credit hours:** 3  
**Contact hours:** Lecture: 3 Contact: 3  
**Levels:** Undergraduate  
**Schedule types:** Lecture  
**Department/School:** Languages and Literatures

**GREK 1813 Elementary Classical Greek II**

**Prerequisites:** GREK 1713 or equivalent proficiency.  
**Description:** A continuation of GREK 1713. Grammar and readings of classical Greek authors. Previously offered as GREK 1223.  
**Credit hours:** 3  
**Contact hours:** Lecture: 3 Contact: 3  
**Levels:** Undergraduate  
**Schedule types:** Lecture  
**Department/School:** Languages and Literatures

**GREK 2713 Elementary Classical Greek III**

**Prerequisites:** GREK 1813 or equivalent proficiency.  
**Description:** A continuation of GREK 1813. Grammar and readings of classical Greek authors. Previously offered as GREK 2113.  
**Credit hours:** 3  
**Contact hours:** Lecture: 3 Contact: 3  
**Levels:** Undergraduate  
**Schedule types:** Lecture  
**Department/School:** Languages and Literatures



**GREK 2813 Intermediate Readings**

**Prerequisites:** GREK 2713 or equivalent proficiency.

**Description:** An introduction to a variety of classical authors to increase reading facility and grammatical comprehension. Previously offered as GREK 2213.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Languages and Literatures

**GREK 3330 Advanced Readings**

**Prerequisites:** GREK 2813 or equivalent proficiency.

**Description:** Prose authors, epic poetry, drama, Koine Greek and religious texts. Offered for variable credit, 1-6 credit hours, maximum of 9 credit hours.

**Credit hours:** 1-6

**Contact hours:** Contact: 1-6 Other: 1-6

**Levels:** Undergraduate

**Schedule types:** Independent Study

**Department/School:** Languages and Literatures

**GREK 4113 Greek Literature in Translation (H)**

**Description:** Readings of significant works from ancient Greek literature and philosophy in English translation, from Homer through Aristotle.

Readings and classes conducted in English.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Languages and Literatures

**General Education and other Course Attributes:** Humanities

**GRMN 1713 Elementary German I**

**Description:** Main elements of grammar and pronunciation, with work on the four basic skills of listening comprehension, speaking, reading and writing. Not for native speakers per University Academic Regulation 4.9. Previously offered as GRMN 1115.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Languages and Literatures

**GRMN 1813 Elementary German II**

**Prerequisites:** GRMN 1713 or equivalent proficiency.

**Description:** Continuation of GRMN 1713. Not for native speakers per University Academic Regulation 4.9. Previously offered as GRMN 1225.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Languages and Literatures

**GRMN 2713 Reading and Conversation I (I)**

**Prerequisites:** GRMN 1813 or equivalent proficiency.

**Description:** Selection from German contemporary cultural reading materials and study of colloquial speech patterns. Not for native speakers per University Academic Regulation 4.9. Previously offered as GRMN 2112.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Languages and Literatures

**General Education and other Course Attributes:** International Dimension

**GRMN 2723 Intermediate Grammar and Composition I**

**Prerequisites:** GRMN 1813 or equivalent proficiency.

**Description:** Review and expansion of German grammar and composition. Not for native speakers per University Academic Regulation 4.9. Previously offered as GRMN 2113.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Languages and Literatures

**GRMN 2813 Reading and Conversation II**

**Prerequisites:** GRMN 1813 or equivalent proficiency.

**Description:** Reading/viewing and analysis of prose, drama and poetry, and film for building literary and cultural appreciation. May be taken concurrently with other 2000-level German courses. Not for native speakers per University Academic Regulation 4.9. Previously offered as GRMN 2223.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Languages and Literatures

**GRMN 2823 Intermediate Grammar and Composition II (I)**

**Prerequisites:** GRMN 2723 or equivalent proficiency.

**Description:** Continuation of GRMN 2723 with further work in grammar and composition. Not for native speakers per University Academic Regulation 4.9. Previously offered as GRMN 2222.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Languages and Literatures

**General Education and other Course Attributes:** International Dimension

**GRMN 2890 Honors Experience in German**

**Prerequisites:** Honors Program participation and concurrent enrollment in a designated German course.

**Description:** A supplemental Honors experience in German to partner concurrently with designated German courses. This course adds a different intellectual dimension to the designated courses. Offered for fixed credit, 1 credit hour.

**Credit hours:** 1

**Contact hours:** Lecture: 1 Contact: 1

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Languages and Literatures

**General Education and other Course Attributes:** Honors Credit

**GRMN 3013 German for Reading Requirements I**

**Description:** Reading in the humanities and the sciences. Translation from German to English.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Languages and Literatures

**GRMN 3023 German for Reading Requirements II**

**Prerequisites:** GRMN 3013 or equivalent.

**Description:** Intermediate and advanced reading in the humanities and sciences. Translation from German to English.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Languages and Literatures

**GRMN 3343 German for Professional Purposes**

**Prerequisites:** 18 hours of German or equivalent proficiency.

**Description:** Business concepts, practices and the expectations of professional life in Germany. Focus on specialized vocabulary and business correspondence.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Languages and Literatures

**GRMN 3463 Advanced Diction and Phonetics**

**Prerequisites:** 18 credit hours of German or equivalent proficiency.

**Description:** German speech sounds and intonation patterns. Practice to improve the student's pronunciation. Required course for teacher certification.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Languages and Literatures

**GRMN 3501 Orientation to Internship Abroad**

**Prerequisites:** 18 hours of German or equivalent proficiency.

**Description:** Preparation for residential internship in a German speaking country. Culture, civilization, and contemporary conditions, and communication for students accepted for international cooperative education program. Previously offered as GRMN 3902.

**Credit hours:** 1

**Contact hours:** Lecture: 1 Contact: 1

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Languages and Literatures

**GRMN 3502 Internship Abroad**

**Prerequisites:** 18 hours of German or equivalent proficiency.

**Description:** Practical studies in a German-speaking country. Supervised research papers and reports and oral testing during and following the practicum. Previously offered as GRMN 3903.

**Credit hours:** 2

**Contact hours:** Lecture: 2 Contact: 2

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Languages and Literatures

**GRMN 3803 Advanced Conversation**

**Prerequisites:** 18 hours of German or equivalent proficiency.

**Description:** Colloquial speech forms and sentence structure. Practice in brief public address in German.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Languages and Literatures

**GRMN 3813 Advanced Grammar and Composition**

**Prerequisites:** 18 hours of German or equivalent proficiency.

**Description:** Practice in original composition in German. Problematic points of German grammar and stylistics.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Languages and Literatures

**GRMN 4113 German Literature in Translation (I)**

**Description:** Influential German, Austrian, and Swiss novels, short stories, plays, and poetry in translation. Discussion to see how they reflect social, literary, and philosophical state of the society at the time. Will be exposed to different themes as well as genres. May focus on literary production either of a certain time frame or follow a theme through centuries.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Languages and Literatures

**General Education and other Course Attributes:** International Dimension

**GRMN 4153 Survey of German Literature I**

**Prerequisites:** 18 hours of German or equivalent proficiency.

**Description:** German literature from the beginning to 1785.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Languages and Literatures

**GRMN 4163 Survey of German Literature II**

**Prerequisites:** 18 hours of German or equivalent proficiency.

**Description:** German literature from 1785 to the present.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Languages and Literatures

**GRMN 4333 Backgrounds of Modern German Civilization**

**Prerequisites:** 18 hours of German or equivalent proficiency.

**Description:** Historical, cultural, political and literary trends in the formation of German civilization.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Languages and Literatures

**GRMN 4343 Modern Germany**

**Prerequisites:** 18 hours of German or equivalent proficiency.  
**Description:** The major cultural, social and political forces that have shaped the Germany of today. Previously offered as GRMN 3333.  
**Credit hours:** 3  
**Contact hours:** Lecture: 3 Contact: 3  
**Levels:** Undergraduate  
**Schedule types:** Lecture  
**Department/School:** Languages and Literatures

**GRMN 4513 The Age of Goethe**

**Prerequisites:** 18 hours of German or equivalent proficiency.  
**Description:** Principal figures of German Classicism and Romanticism.  
**Credit hours:** 3  
**Contact hours:** Lecture: 3 Contact: 3  
**Levels:** Undergraduate  
**Schedule types:** Lecture  
**Department/School:** Languages and Literatures

**GRMN 4523 19th Century German Literature**

**Prerequisites:** 18 hours of German or equivalent proficiency.  
**Description:** Prose, lyric and drama from Romanticism to Naturalism.  
**Credit hours:** 3  
**Contact hours:** Lecture: 3 Contact: 3  
**Levels:** Undergraduate  
**Schedule types:** Lecture  
**Department/School:** Languages and Literatures

**GRMN 4543 Contemporary German Literature**

**Prerequisites:** 18 hours of German or equivalent proficiency.  
**Description:** Main currents in German, Swiss, and Austrian literature from Naturalism until present day.  
**Credit hours:** 3  
**Contact hours:** Lecture: 3 Contact: 3  
**Levels:** Undergraduate  
**Schedule types:** Lecture  
**Department/School:** Languages and Literatures

**GRMN 4550 Studies in German**

**Prerequisites:** 18 credit hours of German or equivalent proficiency.  
**Description:** Reading and discussion of vital subjects in German. Offered for variable credit, 1-3 credit hours, maximum of 9 credit hours.  
**Credit hours:** 1-3  
**Contact hours:** Contact: 1-3 Other: 1-3  
**Levels:** Undergraduate  
**Schedule types:** Independent Study  
**Department/School:** Languages and Literatures

**JAPN 1713 Elementary Japanese I**

**Description:** Pronunciation, conversation, grammar and reading. Not for native speakers per University Academic Regulation 4.9. Previously offered as JAPN 1115.  
**Credit hours:** 3  
**Contact hours:** Lecture: 3 Contact: 3  
**Levels:** Undergraduate  
**Schedule types:** Lecture  
**Department/School:** Languages and Literatures

**JAPN 1813 Elementary Japanese II**

**Prerequisites:** JAPN 1713 or equivalent proficiency.  
**Description:** Reading, the writing system, culture, grammar, conversation. Not for native speakers per University Academic Regulation 4.9. Previously offered as JAPN 1225.  
**Credit hours:** 3  
**Contact hours:** Lecture: 3 Contact: 3  
**Levels:** Undergraduate  
**Schedule types:** Lecture  
**Department/School:** Languages and Literatures

**JAPN 2713 Intermediate Japanese I**

**Prerequisites:** JAPN 1813 or equivalent proficiency.  
**Description:** Reading, the writing system, culture, grammar, conversation. A continuation of JAPN 1813. Not for native speakers per University Academic Regulation 4.9.  
**Credit hours:** 3  
**Contact hours:** Lecture: 3 Contact: 3  
**Levels:** Undergraduate  
**Schedule types:** Lecture  
**Department/School:** Languages and Literatures

**JAPN 2813 Intermediate Japanese II**

**Prerequisites:** JAPN 2713 or equivalent proficiency.  
**Description:** Oral and written practice of modern Japanese. A continuation of JAPN 2713. Not for native speakers per University Academic Regulation 4.9.  
**Credit hours:** 3  
**Contact hours:** Lecture: 3 Contact: 3  
**Levels:** Undergraduate  
**Schedule types:** Lecture  
**Department/School:** Languages and Literatures

**JAPN 3723 Advanced Readings in Japanese**

**Prerequisites:** JAPN 2813 or equivalent proficiency.  
**Description:** Designed to increase facility and naturalness of delivery in dialogue. Development of general oral and aural proficiency. Previously offered as JAPN 3133 and JAPN 4713. Same course as JAPN 4713.  
**Credit hours:** 3  
**Contact hours:** Lecture: 3 Contact: 3  
**Levels:** Undergraduate  
**Schedule types:** Lecture  
**Department/School:** Languages and Literatures

**JAPN 3823 Advanced Japanese II**

**Prerequisites:** JAPN 3723.  
**Description:** Designed to increase facility and naturalness of delivery in dialogue. Development of general oral and aural proficiency. Previously offered as JAPN 3013 and JAPN 4813.  
**Credit hours:** 3  
**Contact hours:** Lecture: 3 Contact: 3  
**Levels:** Undergraduate  
**Schedule types:** Lecture  
**Department/School:** Languages and Literatures

**LATN 1713 Elementary Latin I**

**Description:** The rudiments of beginning Latin: grammar, vocabulary and elementary readings. Previously offered as LATN 1113.  
**Credit hours:** 3  
**Contact hours:** Lecture: 3 Contact: 3  
**Levels:** Undergraduate  
**Schedule types:** Lecture  
**Department/School:** Languages and Literatures

**LATN 1813 Elementary Latin II****Prerequisites:** LATN 1713 or equivalent proficiency.**Description:** Continuation of LATN 1713. Grammar, vocabulary and readings. Previously offered as LATN 1223.**Credit hours:** 3**Contact hours:** Lecture: 3 Contact: 3**Levels:** Undergraduate**Schedule types:** Lecture**Department/School:** Languages and Literatures**LATN 2713 Elementary Latin III****Prerequisites:** LATN 1813 or equivalent proficiency.**Description:** A continuation of LATN 1813. Grammar and readings of Latin authors. Previously offered as LATN 2113.**Credit hours:** 3**Contact hours:** Lecture: 3 Contact: 3**Levels:** Undergraduate**Schedule types:** Lecture**Department/School:** Languages and Literatures**LATN 2813 Intermediate Readings****Prerequisites:** LATN 2713 or equivalent proficiency.**Description:** Readings from Virgil's Aeneid. Previously offered as LATN 2213.**Credit hours:** 3**Contact hours:** Lecture: 3 Contact: 3**Levels:** Undergraduate**Schedule types:** Lecture**Department/School:** Languages and Literatures**LATN 3123 Classical Mythology (H)****Description:** Myths, their cultural context, and their place in world literature. Course taught in English. No prerequisite. Same course as ENGL 3123.**Credit hours:** 3**Contact hours:** Lecture: 3 Contact: 3**Levels:** Undergraduate**Schedule types:** Lecture**Department/School:** Languages and Literatures**General Education and other Course Attributes:** Humanities**LATN 3223 Love and Hate in Greece and Rome (H)****Description:** A study of the expression of love and hate from Archaic Greece to Imperial Rome, with a particular attention to cultural context and the theoretical work that has arisen from it. Course taught in English. No prerequisite.**Credit hours:** 3**Contact hours:** Lecture: 3 Contact: 3**Levels:** Undergraduate**Schedule types:** Lecture**Department/School:** Languages and Literatures**General Education and other Course Attributes:** Humanities**LATN 3330 Advanced Readings in Latin****Prerequisites:** LATN 2813 or equivalent proficiency.**Description:** Prose authors, poetry, and medieval Latin. Offered for variable credit, 1-6 credit hours, maximum of 9 credit hours.**Credit hours:** 1-6**Contact hours:** Contact: 1-6 Other: 1-6**Levels:** Undergraduate**Schedule types:** Independent Study**Department/School:** Languages and Literatures**LATN 4113 Latin Literature in Translation (H)****Description:** Readings of significant works from Latin literature in English translation, from the late Republic through the early Christian era.

Readings and classes conducted in English.

**Credit hours:** 3**Contact hours:** Lecture: 3 Contact: 3**Levels:** Undergraduate**Schedule types:** Lecture**Department/School:** Languages and Literatures**General Education and other Course Attributes:** Humanities**RUSS 1713 Elementary Russian I****Description:** Understanding, speaking, reading, and writing. Method of instruction is audio-lingual. Not for native speakers per University Academic Regulation 4.9. Previously offered as RUSS 1115.**Credit hours:** 3**Contact hours:** Lecture: 3 Contact: 3**Levels:** Undergraduate**Schedule types:** Lecture**Department/School:** Languages and Literatures**RUSS 1813 Elementary Russian II****Prerequisites:** RUSS 1713 or equivalent proficiency.**Description:** Continuation of RUSS 1713. Not for native speakers per University Academic Regulation 4.9. Previously offered as RUSS 1225.**Credit hours:** 3**Contact hours:** Lecture: 3 Contact: 3**Levels:** Undergraduate**Schedule types:** Lecture**Department/School:** Languages and Literatures**RUSS 2713 Intermediate Russian I****Prerequisites:** RUSS 1813 or equivalent proficiency.**Description:** Russian grammar, composition and conversation. Not for native speakers per University Academic Regulation 4.9. Previously offered as RUSS 2115.**Credit hours:** 3**Contact hours:** Lecture: 3 Contact: 3**Levels:** Undergraduate**Schedule types:** Lecture**Department/School:** Languages and Literatures**RUSS 2813 Intermediate Russian II****Prerequisites:** RUSS 2713 or equivalent proficiency.**Description:** Continuation of RUSS 2713. Not for native speakers per University Academic Regulation 4.9. Previously offered as RUSS 2225.**Credit hours:** 3**Contact hours:** Lecture: 3 Contact: 3**Levels:** Undergraduate**Schedule types:** Lecture**Department/School:** Languages and Literatures**RUSS 3003 The Soviet Union: History, Society and Culture (IS)****Description:** A comprehensive view of the Soviet Union, stressing those issues in the political, economic, technological, geographical, and cultural situation. Accessible to beginning undergraduates. Same course as HIST 3003 & POLS 3003.**Credit hours:** 3**Contact hours:** Lecture: 3 Contact: 3**Levels:** Undergraduate**Schedule types:** Lecture**Department/School:** Languages and Literatures**General Education and other Course Attributes:** International Dimension, Social & Behavioral Sciences

**RUSS 3053 Introduction to Central Asian Studies (IS)**

**Description:** A comprehensive view of newly-emerged Central Asian states, examining the history, politics, economics, geography, and culture of Azerbaijan, Kazakhstan, Kyrgyzstan, Tajikistan, Turkmenistan and Uzbekistan as reflected in their thoughts, religion, literature, and architecture, in the past, and the strategic importance of their natural wealth for the present and future. Same course as GEOG 3053, GLST 3053, HIST 3053, and POLS 3053.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Languages and Literatures

**General Education and other Course Attributes:** International Dimension, Social & Behavioral Sciences

**RUSS 3113 Russian Conversation**

**Prerequisites:** RUSS 2813 or equivalent proficiency.

**Description:** Development of conversational skills in formal and informal Russian language; study of oral communication and idioms; vocabulary enhancement.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Languages and Literatures

**RUSS 3123 Understanding Russia (H)**

**Description:** A study of Russian cultural history to explain contemporary Russia and Russian national identity. Readings include epic tales, literary works from Pushkin, Lermontov, Turgenev, Gogol, Chekhov, Blok, Akhmatova, and Yevtushenko, as well as political treatises by Ivan the Terrible and Mikhail Khodorkovsky. Course taught in English.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Languages and Literatures

**General Education and other Course Attributes:** Humanities

**RUSS 3223 Russian Composition**

**Prerequisites:** RUSS 2813 or equivalent proficiency.

**Description:** The development of all forms of written communication in Russian through practice in writing compositions, letters, reports, and other documents in Russian.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Languages and Literatures

**RUSS 3333 The Russian Spy in Fact and Fiction**

**Description:** This course examines the spy in cultural productions of Russia and the West. Topics include stereotyping in popular culture, the relationship between fact, fiction, and political imagination, Western and Russian views of each other, the Cold War, security, hybrid war, and grey-zone activities. Readings from American, British, and Russian sources include classic Cold War literature, contemporary press, history, and a graphic novel. Taught in English.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Languages and Literatures

**General Education and other Course Attributes:** Humanities, International Dimension

**RUSS 4013 Survey of Russian Literature I**

**Prerequisites:** 20 hours of Russian or equivalent proficiency.

**Description:** Survey of Russian literature from its beginning to late nineteenth century with readings in Russian of representative texts. Course conducted in Russian.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Languages and Literatures

**RUSS 4023 Survey of Russian Literature II**

**Prerequisites:** 20 hours of Russian or equivalent proficiency.

**Description:** Survey of Russian literature from late nineteenth century to post-Soviet era with readings in Russian of representative texts. Course conducted in Russian.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Languages and Literatures

**RUSS 4113 Russian Literature in Translation I (H)**

**Description:** Russian literature from its beginning to mid-19th century: Pushkin, Lermontov, Goncharov, Gogol, Turgenev, and Dostoevsky. Readings in English. Classes conducted in English.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Languages and Literatures

**General Education and other Course Attributes:** Humanities

**RUSS 4123 Russian Literature in Translation II**

**Description:** Russian and Soviet literature from mid-19th century to present: Tolstoy, Chekhov, Gorky, Zamiatin, Sholokhov, Pasternak, Bunin, Solzhenitsyn, Arzhak (Daniel), Tertz (Sinyavsky), Voznesensky, and Evtushenko. Readings in English. Classes conducted in English.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Languages and Literatures



**RUSS 4223 Russian Reading Skills****Prerequisites:** 20 hours of Russian or equivalent proficiency.**Description:** Acquisition of skills in vocabulary enrichment, stylistic analysis and advanced proficiency in reading various styles of contemporary written Russian (newspaper, political, business).**Credit hours:** 3**Contact hours:** Lecture: 3 Contact: 3**Levels:** Undergraduate**Schedule types:** Lecture**Department/School:** Languages and Literatures**SPAN 1713 Elementary Spanish I****Description:** Pronunciation, conversation, grammar, and reading. Includes language lab work. Not for native speakers per University Academic Regulation 4.9. Previously offered as SPAN 1115.**Credit hours:** 3**Contact hours:** Lecture: 3 Contact: 3**Levels:** Undergraduate**Schedule types:** Lecture**Department/School:** Languages and Literatures**SPAN 1813 Elementary Spanish II****Prerequisites:** SPAN 1713 or equivalent proficiency.**Description:** Continuation of SPAN 1713. Includes language lab work. Not for native speakers per University Academic Regulation 4.9. Previously offered as SPAN 1225.**Credit hours:** 3**Contact hours:** Lecture: 3 Contact: 3**Levels:** Undergraduate**Schedule types:** Lecture**Department/School:** Languages and Literatures**SPAN 2713 Intermediate Spanish****Prerequisites:** SPAN 1813 or equivalent proficiency.**Description:** Further development of speaking, listening, reading, and writing skills along with short cultural and literary readings. Not for native speakers per University Academic Regulation 4.9. Previously offered as SPAN 2115.**Credit hours:** 3**Contact hours:** Lecture: 3 Contact: 3**Levels:** Undergraduate**Schedule types:** Lecture**Department/School:** Languages and Literatures**SPAN 2723 Intermediate Hispanic Culture and Media****Prerequisites:** SPAN 1813 or equivalent proficiency.**Description:** Further development of language skills within Hispanic cultural contexts. May be taken concurrently with 2713 or subsequently (but not before).**Credit hours:** 3**Contact hours:** Lecture: 3 Contact: 3**Levels:** Undergraduate**Schedule types:** Lecture**Department/School:** Languages and Literatures**SPAN 2813 Intermediate Reading and Conversation****Prerequisites:** SPAN 2713 and SPAN 2723 or equivalent proficiency.**Description:** Skill consolidation with emphasis on short literary readings and conversation. May be taken concurrently with SPAN 2823. Not for native speakers per University Academic Regulation 4.9. Previously offered as SPAN 2232.**Credit hours:** 3**Contact hours:** Lecture: 3 Contact: 3**Levels:** Undergraduate**Schedule types:** Lecture**Department/School:** Languages and Literatures**SPAN 2823 Intermediate Composition and Grammar****Prerequisites:** SPAN 2713 and SPAN 2723 or equivalent proficiency.**Description:** Skill consolidation with emphasis on composition and grammar with some conversation. May be taken concurrently with SPAN 2813. Not for native speakers per University Academic Regulation 4.9. Previously offered as SPAN 2233.**Credit hours:** 3**Contact hours:** Lecture: 3 Contact: 3**Levels:** Undergraduate**Schedule types:** Lecture**Department/School:** Languages and Literatures**SPAN 3053 Introduction to Hispanic Literary Studies****Prerequisites:** 18 hours of Spanish or equivalent proficiency.**Description:** Introduction to techniques of literary analysis and research in Spanish and to Hispanic literary history. Prerequisite for all advanced literature courses in Spanish.**Credit hours:** 3**Contact hours:** Lecture: 3 Contact: 3**Levels:** Undergraduate**Schedule types:** Lecture**Department/School:** Languages and Literatures**SPAN 3163 Survey of Peninsular Literature I****Prerequisites:** 18 hours of Spanish or equivalent proficiency.**Description:** Development of literature in Spain from the medieval period to 1700. Previously offered as SPAN 3023.**Credit hours:** 3**Contact hours:** Lecture: 3 Contact: 3**Levels:** Undergraduate**Schedule types:** Lecture**Department/School:** Languages and Literatures**SPAN 3173 Survey of Peninsular Literature II****Prerequisites:** 18 hours of Spanish or equivalent proficiency.**Description:** Development of literature in Spain from 1700 to the present. Previously offered as SPAN 3033.**Credit hours:** 3**Contact hours:** Lecture: 3 Contact: 3**Levels:** Undergraduate**Schedule types:** Lecture**Department/School:** Languages and Literatures



**SPAN 3183 Latin American Survey I**

**Prerequisites:** 18 hours of Spanish or equivalent proficiency.  
**Description:** Survey of Latin America literature in Spanish from the pre-Columbian era to the turn of the 20th century, including letters, chronicles, essays, poetry, drama, and narrative. Previously offered as SPAN 3013.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Languages and Literatures

**SPAN 3193 Latin American Survey II**

**Prerequisites:** 20 hours of Spanish or equivalent proficiency.  
**Description:** Survey of 20th and 21st century Latin American literature in Spanish, including narrative, poetry, drama, and essays.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Languages and Literatures

**SPAN 3203 Advanced Conversation**

**Prerequisites:** 18 hours of Spanish or equivalent proficiency.  
**Description:** Practice in conversation skills, designed to bring students to a high level of proficiency in speaking and listening. Class conducted in Spanish.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Languages and Literatures

**SPAN 3213 Advanced Grammar and Composition**

**Prerequisites:** 18 hours of Spanish or equivalent proficiency.  
**Description:** Study of advanced grammar and stylistics with emphasis on composition skills, designed to bring students to a high level of proficiency in writing.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Languages and Literatures

**SPAN 3343 Business Spanish**

**Prerequisites:** 18 hours of Spanish or equivalent proficiency.  
**Description:** Development of spoken and written Spanish for use in business and professional contexts.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Languages and Literatures

**SPAN 3363 Spanish for Healthcare Professionals**

**Prerequisites:** 18 credits of lower-division Spanish or equivalent proficiency.

**Description:** This course is designed for healthcare professionals. You will learn vocabulary, dialogs, and structure to help greet patients, take vital signs, interview for symptoms, review medical history, give a physical exam, and recommend prescriptions or follow-up instructions. Although by no means comprehensive, the course will provide a starting point for communicating with Spanish-speaking patients. Cultural notes will be provided to assist in making patients more comfortable.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Languages and Literatures

**SPAN 3403 Introduction to Hispanic Linguistics**

**Prerequisites:** 18 hours of Spanish or equivalent proficiency.  
**Description:** This course provides an introduction to the scientific study of language and its structure and includes introductions to the fields of pragmatics, phonology, sociolinguistics, historical linguistics, and applied linguistics.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Languages and Literatures

**SPAN 3463 Spanish Phonetics and Phonology**

**Prerequisites:** 18 hours of Spanish or equivalent proficiency.  
**Description:** In this course students will examine the phonetic and phonological systems of Spanish as well as the extensive dialectal and sociolinguistic variation of these sounds in the Spanish-speaking world and among learners of Spanish.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Languages and Literatures

**SPAN 4123 Hispanic Poetry**

**Prerequisites:** One 3000 level Spanish literature course.  
**Description:** Detailed study of representative poetry from Spain or Latin America.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Languages and Literatures

**SPAN 4133 Hispanic Prose**

**Prerequisites:** One 3000 level Spanish literature course.  
**Description:** Detailed study of representative prose works from Spain or Latin America.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Languages and Literatures

**SPAN 4143 Short Novels in Hispanic Literature****Prerequisites:** One 3000-level Spanish literature course.**Description:** Reading and analysis of classics selected from the Hispanic literatures written in Spanish. Examine the different literary movements, social and historical courses that influenced the novels, as well as the theoretical models about them. Because of the close connection to Cinema and Theater, the readings will be compared to their cinematic adaptations and to other artistic genres.**Credit hours:** 3**Contact hours:** Lecture: 3 Contact: 3**Levels:** Undergraduate**Schedule types:** Lecture**Department/School:** Languages and Literatures**SPAN 4163 Don Quijote****Prerequisites:** One 3000 level Spanish literature course.**Description:** Seminar devoted to Cervantes' novel.**Credit hours:** 3**Contact hours:** Lecture: 3 Contact: 3**Levels:** Undergraduate**Schedule types:** Lecture**Department/School:** Languages and Literatures**SPAN 4173 Hispanic Drama****Prerequisites:** One 3000 level Spanish literature course.**Description:** Reading and interpretation of dramatic works selected from the Hispanic literatures.**Credit hours:** 3**Contact hours:** Lecture: 3 Contact: 3**Levels:** Undergraduate**Schedule types:** Lecture**Department/School:** Languages and Literatures**SPAN 4183 Spain and Islam****Prerequisites:** One 3000 level Spanish literature course.**Description:** An in depth study of conflict and coexistence among Christian and Islamic cultures in Spain from the eighth century to the present day. The course includes both literary and historical readings.**Credit hours:** 3**Contact hours:** Lecture: 3 Contact: 3**Levels:** Undergraduate**Schedule types:** Lecture**Department/School:** Languages and Literatures**SPAN 4193 Hispanic Film****Prerequisites:** One 3000 level Spanish literature course.**Description:** Study of Spanish and/or Latin American films from cultural, historical, and artistic perspectives.**Credit hours:** 3**Contact hours:** Lecture: 3 Contact: 3**Levels:** Undergraduate**Schedule types:** Lecture**Department/School:** Languages and Literatures**SPAN 4203 Hispanic Music****Prerequisites:** One 3000-level Spanish literature course.**Description:** Critically interpret songs (their music and lyrics), identify the periods during which they were produced and their style, and related them to each other. Recognize and analyze the main cultural movements, historical events, and figures that shaped the development of Hispanic Music as it is represented in music production.**Credit hours:** 3**Contact hours:** Lecture: 3 Contact: 3**Levels:** Undergraduate**Schedule types:** Lecture**Department/School:** Languages and Literatures**SPAN 4213 Short Stories in Hispanic Literature****Prerequisites:** One 3000-level Spanish literature course.**Description:** Reading and analysis of classics selected from the Hispanic literatures written in Spanish. Examine the different literary movements, social and historical causes that influenced the Short Stories, as well as the theoretical models about them. Critically analyze texts, identify their periods and style, and relate them to each other. Recognize and analyze the chief literary movements, historical events, and figures that shaped the development of the stories.**Credit hours:** 3**Contact hours:** Lecture: 3 Contact: 3**Levels:** Undergraduate**Schedule types:** Lecture**Department/School:** Languages and Literatures**SPAN 4223 Contemporary Hispanic Literature****Prerequisites:** One 3000 level Spanish literature course.**Description:** Major Hispanic writers since 1900.**Credit hours:** 3**Contact hours:** Lecture: 3 Contact: 3**Levels:** Undergraduate**Schedule types:** Lecture**Department/School:** Languages and Literatures**SPAN 4253 Masterpieces of Hispanic Literature I****Prerequisites:** One 3000 level Spanish literature course.**Description:** Reading and analysis of classics selected from the Hispanic literatures.**Credit hours:** 3**Contact hours:** Lecture: 3 Contact: 3**Levels:** Undergraduate**Schedule types:** Lecture**Department/School:** Languages and Literatures**SPAN 4263 Masterpieces of Hispanic Literature II****Prerequisites:** One 3000 level Spanish literature course.**Description:** Reading and analysis of classics selected from the Hispanic literatures.**Credit hours:** 3**Contact hours:** Lecture: 3 Contact: 3**Levels:** Undergraduate**Schedule types:** Lecture**Department/School:** Languages and Literatures

**SPAN 4323 Spanish Peninsular Civilization****Prerequisites:** One 3000 level Spanish course.**Description:** Reading and discussion of selected texts outlining the development of contemporary Spanish Peninsular civilization. Previously offered as SPAN 3333.**Credit hours:** 3**Contact hours:** Lecture: 3 Contact: 3**Levels:** Undergraduate**Schedule types:** Lecture**Department/School:** Languages and Literatures**SPAN 4333 Latin American Civilization****Prerequisites:** One 3000 level Spanish course.**Description:** Reading and discussion of selected texts outlining the development of contemporary Hispanic civilization outside the Iberian peninsula.**Credit hours:** 3**Contact hours:** Lecture: 3 Contact: 3**Levels:** Undergraduate**Schedule types:** Lecture**Department/School:** Languages and Literatures**SPAN 4413 Advanced Stylistics****Prerequisites:** SPAN 3213.**Description:** Continuation of SPAN 3213, emphasizing further development of grammar and composition in a variety of contexts.**Credit hours:** 3**Contact hours:** Lecture: 3 Contact: 3**Levels:** Undergraduate**Schedule types:** Lecture**Department/School:** Languages and Literatures**SPAN 4443 History of the Spanish Language****Prerequisites:** One 3000-level Spanish course.**Description:** This course provides an introduction to the origins and linguistic development of the Spanish language from its Latin roots to Modern Spanish.**Credit hours:** 3**Contact hours:** Lecture: 3 Contact: 3**Levels:** Undergraduate**Schedule types:** Lecture**Department/School:** Languages and Literatures**SPAN 4463 Sociolinguistics of the Spanish-Speaking World****Prerequisites:** One 3000-level Spanish course.**Description:** In this course students will investigate the variation of the Hispanic language as well as the linguistic features of Spanish as a result of Spanish in contact with other languages. Phonetic/phonologic, morphologic, syntactic, and lexical features of Spanish will be examined in relation to broader geographical, social, political, cultural, and historical contexts of the Spanish-speaking world.**Credit hours:** 3**Contact hours:** Lecture: 3 Contact: 3**Levels:** Undergraduate**Schedule types:** Lecture**Department/School:** Languages and Literatures**SPAN 4550 Seminar in Spanish****Prerequisites:** One 3000-level Spanish course, or equivalent.**Description:** Readings and discussion of vital subjects in Spanish. Offered for variable credit, 1-3 credit hours, maximum of 9 credit hours.**Credit hours:** 1-3**Contact hours:** Contact: 1-3 Other: 1-3**Levels:** Undergraduate**Schedule types:** Independent Study**Department/School:** Languages and Literatures**SPAN 4650 Topics in Spanish****Prerequisites:** One 3000-level Spanish course, or equivalent.**Description:** In depth study of a specific aspect of Hispanic literature, culture or language. Offered for variable credit, 1-9 credit hours, maximum of 9 credit hours.**Credit hours:** 1-9**Contact hours:** Lecture: 1-9 Contact: 1-9**Levels:** Undergraduate**Schedule types:** Lecture**Department/School:** Languages and Literatures**SPAN 5110 Advanced Hispanic Studies****Prerequisites:** 22 hours of Spanish or graduate standing in foreign language.**Description:** Offered for variable credit, 1-3 credit hours, maximum of 9 credit hours.**Credit hours:** 1-3**Contact hours:** Contact: 1-3 Other: 1-3**Levels:** Graduate**Schedule types:** Independent Study**Department/School:** Languages and Literatures

## Undergraduate Programs

- American Sign Language Studies, BA (p. 1362)
- French, BA (p. 1367)
- French: Business Essentials, BA (p. 1370)
- French: Pre-Law, BA (p. 1373)
- German, BA (p. 1377)
- German: Business Essentials, BA (p. 1380)
- German: Pre-Law, BA (p. 1383)
- Spanish, BA (p. 1393)
- Spanish: Business Essentials, BA (p. 1396)
- Spanish: Pre-Law, BA (p. 1399)

## Minors

- American Sign Language (ASL), Minor (p. 1361)
- Arabic (ARB), Minor (p. 1364)
- Chinese (CHIN), Minor (p. 1365)
- French (FREN), Minor (p. 1366)
- German (GRMN), Minor (p. 1376)
- Greek (GREK), Minor (p. 1386)
- Japanese (JPN), Minor (p. 1387)
- Latin (LATN), Minor (p. 1388)
- Professional Chinese (PRCH), Minor (p. 1389)
- Russian (RUSS), Minor (p. 1391)
- Spanish (SPAN), Minor (p. 1392)

## Certificates

- Professional Spanish, Undergraduate Certificate (p. 1390)

## Faculty

Erik Ekman, PhD—Associate Professor and Head

**Regents Professor:** Perry Gethner, PhD (Norris Professor)

**Professors:** Susana Perea-Fox, PhD; John te Velde, PhD; Christopher Weimer, PhD

**Associate Professors:** Isabel Alvarez-Sancho, PhD; Jonathan Ellis, PhD

**Assistant Professors:** Carol Ready, PhD; Jessica Resvick, PhD; Carolina Sitya Nin, PhD; Eric Turcat, PhD; Taylor Woodall-Greene, PhD

## American Sign Language (ASL), Minor

**Requirements for Students Matriculating in or before Academic Year 2022-2023.** Learn more about University Academic Regulation 3.1 (p. 943).

Anthony Valentine, 213 LSE, 405-744-5658

**Minimum Overall Grade Point Average:** 2.50

**Total Hours:** 18

The completion of all lower-division coursework or equivalent proficiency in same language to be followed by:

Code	Title	Hours
<b>Language Sequence Requirements</b>		
ASL 1713	American Sign Language I	3
ASL 1813	American Sign Language II	3
ASL 2713	American Sign Language III	3
ASL 2813	Intermediate Grammar	3
<b>Upper-Level Requirements</b>		
Select six hours from the following:		6
ASL 3500	Interpreting Special Areas	
ASL 3713	Introduction to Interpreting	
ASL 3723	Science, Technology, Engineering, and Math I	
ASL 3813	Linguistics of American Sign Language	
ASL 3823	Science, Technology, Engineering, and Math II	
ASL 4333	Sign to Voice to Sign	
ASL 4550	Seminar in ASL	
ASL 4713	American Sign Language Literature	
ASL 4813	Ethics for Interpreters	
<b>Total Hours</b>		<b>18</b>

## Other Requirements

- No grade below "C" in all upper-division courses

## Additional OSU Requirements

### Undergraduate Minors

- An undergraduate minor must include between fifteen and thirty hours, inclusive of undergraduate coursework.
- A minimum of six credit hours for the minor must be earned in residence at OSU.
- The courses required for a minor may be included in the course requirements for any undergraduate degree or they may be in addition to degree requirements, depending on the overlap between the minor and degree requirements. However, an undergraduate minor must be earned in an academic field other than the student's declared degree option. The minor may not duplicate the degree major or option (for example, a student who earns a BA in Art with an Art History option may earn a minor in Studio Art but not Art History).
- A student generally follows the minor requirements associated with his or her matriculation year or newer requirements that have

been established since matriculation. The time limit for following requirements from a given academic year is six years.

For additional information on requirements on minors, click here (<https://adminfinance.okstate.edu/site-files/documents/policies/requirements-for-undergraduate-and-graduate-minors.pdf>).

## American Sign Language Studies, BA

**Requirements for Students Matriculating in or before Academic Year 2022-2023.** Learn more about University Academic Regulation 3.1 (p. 943).

**Minimum Overall Grade Point Average: 2.00**

**Total Hours: 120**

Code	Title	Hours
<b>General Education Requirements</b>		
<i>English Composition</i>		
See Academic Regulation 3.5 (p. 944)		
ENGL 1113 or ENGL 1313	Composition I Critical Analysis and Writing I	3
ENGL 1213 or ENGL 1413 or ENGL 3323	Composition II Critical Analysis and Writing II Technical Writing	3
<i>American History &amp; Government</i>		
HIST 1103 or HIST 1483 or HIST 1493	Survey of American History American History to 1865 (H) American History Since 1865 (DH)	3
POLS 1113	American Government	3
<i>Analytical &amp; Quantitative Thought (A)</i>		
MATH or STAT designated (A)		
<i>Humanities (H)</i>		
Courses designated (H)		
<i>Natural Sciences (N)</i>		
Must include one Laboratory Science (L) course		
Courses designated (N)		
<i>Social &amp; Behavioral Sciences (S)</i>		
Course designated (S)		
<i>Additional General Education</i>		
Courses designated (A), (H), (N), or (S)		
<b>Hours Subtotal</b>		<b>40</b>
<b>Diversity (D) &amp; International Dimension (I)</b>		
May be completed in any part of the degree plan		
Select at least one Diversity (D) course		
Select at least one International Dimension (I) course		
<b>College/Departmental Requirements</b>		
<i>First Year Seminar</i>		
(Transfer students with 15 hours exempt)		
<i>Arts &amp; Humanities</i>		
See note 2.a.		
<i>Natural &amp; Mathematical Sciences</i>		
See note 2.b.		
<i>Foreign Language</i>		
ASL 1713	American Sign Language I	3
ASL 1813	American Sign Language II	3
ASL 2713	American Sign Language III	3
<i>Non-Western Studies</i>		
Select at least one course. See note 2.d.		
<i>Upper-Division General Education</i>		

Select 6 hours outside major department. See note 2.c.

<b>Hours Subtotal</b>	<b>22</b>
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### Major Requirements

Minimum GPA 2.50 in upper-division ASL courses with minimum grade of "C" in each course.

ASL 2723	American Deaf Culture	3
ASL 2813	Intermediate Grammar	3
ASL 2823	Cultural Diversity in the Deaf Community	3
ASL 3713	Introduction to Interpreting	3
ASL 4813	Ethics for Interpreters	3

Select 15 hours from:	15
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ASL 3500	Interpreting Special Areas	
ASL 3723	Science, Technology, Engineering, and Math I	
ASL 3813	Linguistics of American Sign Language	
ASL 3823	Science, Technology, Engineering, and Math II	
ASL 4353	Literacy for Teachers of the Deaf	
ASL 4333	Sign to Voice to Sign	
ASL 4550	Seminar in ASL	
ASL 4713	American Sign Language Literature	

Select 10 upper-division hours.	10
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<b>Hours Subtotal</b>	<b>40</b>
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### Electives

Select 18 hours.	18
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May need to include 6 hours upper-division general education outside major department (see note 2.c.) and 3 additional upper-division hours.

<b>Hours Subtotal</b>	<b>18</b>
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<b>Total Hours</b>	<b>120</b>
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## Other Requirements

- See the College of Arts and Sciences Requirements.
- **Upper-Division Credit:** Total hours must include at least 40 hours in courses numbered 3000 or above.
- **Hours in One Department:** For B.A. and B.S. degrees, no more than 54 hours in one department may be applied to degree requirements.

## College of Arts and Sciences Requirements

### 1. General Education Requirements

No more than two courses (or eight hours) from the major department (<http://catalog.okstate.edu/college-arts-sciences-major-departments/>) may be used to meet General Education and College and Departmental Requirements. The General Education required English Composition, required U.S. History, required American Government, one required MATH or STAT course, and required foreign language for B.A. degrees do not count against the two-course maximum.

### 2. A&S College/Departmental Requirements

- Arts and Humanities are defined as any course carrying an (H) designation or courses from AMST, ART, DANC, ENGL (except ENGL 3323 Technical Writing) HIST, MUSI, PHIL (except PHIL 1313 Logic and Critical Thinking (A), PHIL 3003 Symbolic



Logic (A) and PHIL 4003 Mathematical Logic and Computability), REL, TH, and foreign languages.

- b. Natural and Mathematical Sciences are defined as any course from the following prefixes: ASTR, BIOC, BIOL, CHEM, CS (except CS 4883 Social Issues in Computing), GEOL, MATH, MICR, PBIO, PHYS, and STAT; or courses from other departments that carry an (A) or (N) general education designation.
- c. The required six hours of upper-division General Education may not include courses from the student's major department. This requirement may be satisfied by courses also used to satisfy any part of a student's degree program (i.e., in General Education, College Departmental Requirements, Major Requirements or Electives).
- d. Non-Western Studies Requirement for B.A. and B.F.A.; One 3-hour course in Non-Western Studies (N.W.). This requirement may be satisfied by courses also used to satisfy any part of a student's degree program (i.e., in General Education, College Departmental Requirements, Major Requirements or Electives).
- e. The College of Arts & Sciences requires a minimum 2.0 GPA in all major requirements and a minimum 2.0 GPA in all major-prefix courses applied to the degree.

### 3. Foreign Language Proficiency

- a. The foreign language requirement for the B.A. may be satisfied by 9 hours college credit in the same language, which must include 3 hours at the 2000-level, or equivalent proficiency (e.g., passing an advanced standing examination; TOEFL exam; presenting a high school transcript which demonstrates the high school was primarily conducted in a language other than English; etc.). Computer Science courses may not be used to satisfy this requirement. Currently Arabic and Mvskoke are not offered at the 2000-level at OSU.
- b. The foreign language requirement for the B.S., B.M. and B.F.A. may be satisfied by presenting a high school transcript which demonstrates two years of study of a single foreign language (passing grades at second-year level of study). It may also be satisfied by 6 hours college credit in the same language, which must include language courses 1713 and 1813, or equivalent proficiency (e.g., passing an advanced standing examination; TOEFL exam; presenting a high school transcript which demonstrates the high school was primarily conducted in a language other than English; etc.). Computer Science courses may not be used to satisfy this requirement.
- c. In addition to a. and b., students pursuing teacher certification must meet novice-high foreign language proficiency by presenting a high school transcript which demonstrates two years of study of a single foreign language with no grade below B. Or, students may complete 3 hours college credit in a single language with no grade below C (or pass an advanced standing examination, College Level Examination Program (CLEP) exam, or Oral Proficiency Interview developed by the American Council on the Teaching of Foreign Languages, equivalent to 3 hours of college credit.) Or, students may meet the requirement by transfer of documentation of meeting the foreign language competency from one of the teacher education programs in the State of Oklahoma approved by the Oklahoma State Regents for Higher Education.

### 4. Exclusions

- a. Courses used to satisfy the General Education English Composition, U.S. History, American Government, and

Mathematics or Statistics requirements will not count toward the 54-hour maximum allowed from one department.

- b. Courses with ATHL or LEIS prefixes and leisure activity courses may not be used for degree credit.

## Additional State/OSU Requirements

- At least: 60 hours at a four-year institution; 30 hours completed at OSU; 15 of the final 30 or 50% of the upper-division hours in the major field completed at OSU.
- Limit of: one-half of major course requirements as transfer work; one-fourth of hours earned by correspondence; 8 transfer correspondence hours.
- Students will be held responsible for degree requirements in effect at the time of matriculation and any changes that are made, so long as these changes do not result in semester credit hours being added or do not delay graduation.
- Degrees that follow this plan must be completed by the end of Summer 2028.

## Arabic (ARB), Minor

**Requirements for Students Matriculating in or before Academic Year 2022-2023.** Learn more about University Academic Regulation 3.1 (p. 943).

**Anthony Valentine**, 213 LSE, 405-744-5658

**Minimum Grade Point Average in Minor Coursework:** 2.5 GPA in minor, no grade below a "C" in the minor

**Total Hours:** 15

The completion of all lower-division coursework or equivalent proficiency in same language to be followed by:

Code	Title	Hours
<b>Core Courses</b>		
A minimum of nine credit hours of lower-division language coursework to prepare for advanced language. Please see advisor for details.		9
ARB 3033	Advanced Arabic I	3
ARB 3133	Advanced Arabic II	3
<b>Total Hours</b>		<b>15</b>

## Additional OSU Requirements

### Undergraduate Minors

- An undergraduate minor must include between fifteen and thirty hours, inclusive of undergraduate coursework.
- A minimum of six credit hours for the minor must be earned in residence at OSU.
- The courses required for a minor may be included in the course requirements for any undergraduate degree or they may be in addition to degree requirements, depending on the overlap between the minor and degree requirements. However, an undergraduate minor must be earned in an academic field other than the student's declared degree option. The minor may not duplicate the degree major or option (for example, a student who earns a BA in Art with an Art History option may earn a minor in Studio Art but not Art History).
- A student generally follows the minor requirements associated with his or her matriculation year or newer requirements that have been established since matriculation. The time limit for following requirements from a given academic year is six years.

For additional information on requirements on minors, click here (<https://adminfinance.okstate.edu/site-files/documents/policies/requirements-for-undergraduate-and-graduate-minors.pdf>).

## Chinese (CHIN), Minor

**Requirements for Students Matriculating in or before Academic Year 2022-2023.** Learn more about University Academic Regulation 3.1 (p. 943).

Anthony Valentine, 213 LSE, 405-744-5658

**Minimum Overall Grade Point Average:** 2.50

**Total Hours:** 18

The completion of all lower-division coursework or equivalent proficiency in same language to be followed by:

Code	Title	Hours
<b>Language Sequence Requirements</b>		
CHIN 1713	Elementary Chinese I	3
CHIN 1813	Elementary Chinese II	3
CHIN 2713	Intermediate Chinese I	3
CHIN 2813	Intermediate Chinese II	3
<b>Upper-Level Requirements</b>		
CHIN 4713	Advanced Readings in Chinese	3
CHIN 4813	Advanced Chinese Conversation	3
<b>Total Hours</b>		<b>18</b>

## Other Requirements

- No grade below "C" in all upper-division courses

## Additional OSU Requirements

### Undergraduate Minors

- An undergraduate minor must include between fifteen and thirty hours, inclusive of undergraduate coursework.
- A minimum of six credit hours for the minor must be earned in residence at OSU.
- The courses required for a minor may be included in the course requirements for any undergraduate degree or they may be in addition to degree requirements, depending on the overlap between the minor and degree requirements. However, an undergraduate minor must be earned in an academic field other than the student's declared degree option. The minor may not duplicate the degree major or option (for example, a student who earns a BA in Art with an Art History option may earn a minor in Studio Art but not Art History).
- A student generally follows the minor requirements associated with his or her matriculation year or newer requirements that have been established since matriculation. The time limit for following requirements from a given academic year is six years.

For additional information on requirements on minors, click here (<https://adminfinance.okstate.edu/site-files/documents/policies/requirements-for-undergraduate-and-graduate-minors.pdf>).

## French (FREN), Minor

**Requirements for Students Matriculating in or before Academic Year 2022-2023.** Learn more about University Academic Regulation 3.1 (p. 943).

Anthony Valentine, 213 LSE, 405-744-5658

**Minimum Overall Grade Point Average:** 2.50

**Total Hours:** 24

The completion of all lower-division coursework or equivalent proficiency in same language to be followed by:

Code	Title	Hours
<b>Language Sequence Requirements</b>		
FREN 1713	Elementary French I	3
FREN 1813	Elementary French II	3
FREN 2713	Intermediate Reading and Conversation I (I)	3
FREN 2723	Intermediate Grammar and Composition I	3
FREN 2813	Intermediate Reading and Conversation II	3
FREN 2823	Intermediate Grammar & Comp II	3
<b>Upper-Level Requirements</b>		
Select six hours from the following:		6
FREN 3073	French Conversation	
FREN 3203	Advanced Written Expression	
FREN 3213	Advanced Grammar	
FREN 3343	Business French	
FREN 3463	Advanced Diction and Phonetics	
FREN 3853	Introduction to Analysis of French Literature	
FREN 4153	Survey of French Literature I	
FREN 4173	Survey of French Literature II	
FREN 4333	Background of Modern French Civilization	
FREN 4550	Directed Studies in French	
FREN 4573	Modern French Theater	
<b>Total Hours</b>		<b>24</b>

- A student generally follows the minor requirements associated with his or her matriculation year or newer requirements that have been established since matriculation. The time limit for following requirements from a given academic year is six years.

For additional information on requirements on minors, click here (<https://adminfinance.okstate.edu/site-files/documents/policies/requirements-for-undergraduate-and-graduate-minors.pdf>).

## Additional Requirements

- No grade below "C" in all upper-division courses

## Additional OSU Requirements

### Undergraduate Minors

- An undergraduate minor must include between fifteen and thirty hours, inclusive of undergraduate coursework.
- A minimum of six credit hours for the minor must be earned in residence at OSU.
- The courses required for a minor may be included in the course requirements for any undergraduate degree or they may be in addition to degree requirements, depending on the overlap between the minor and degree requirements. However, an undergraduate minor must be earned in an academic field other than the student's declared degree option. The minor may not duplicate the degree major or option (for example, a student who earns a BA in Art with an Art History option may earn a minor in Studio Art but not Art History).

## French, BA

### Degree Requirements

**Requirements for Students Matriculating in or before Academic Year 2022-2023.** Learn more about University Academic Regulation 3.1 (p. 943).

**Minimum Overall Grade Point Average:** 2.00

**Total Hours:** 120

Code	Title	Hours
<b>General Education Requirements</b>		
<i>English Composition</i>		
See Academic Regulation 3.5 (p. 944)		
ENGL 1113	Composition I	3
or ENGL 1313	Critical Analysis and Writing I	
Select one of the following:		3
ENGL 1213	Composition II	
ENGL 1413	Critical Analysis and Writing II	
ENGL 3323	Technical Writing	
<i>American History &amp; Government</i>		
HIST 1103	Survey of American History	3
or HIST 1483	American History to 1865 (H)	
or HIST 1493	American History Since 1865 (DH)	
POLS 1113	American Government	3
<i>Analytical &amp; Quantitative Thought (A)</i>		
MATH or STAT course designated (A)		3
<i>Humanities (H)</i>		
Courses designated (H)		6
<i>Natural Sciences (N)</i>		
Must include one Laboratory Science (L) course		
Course designated (N)		6
<i>Social &amp; Behavioral Sciences (S)</i>		
Course designated (S)		3
<i>Additional General Education</i>		
Courses designated (A), (H), (N), or (S)		10
<b>Hours Subtotal</b>		<b>40</b>
<b>Diversity (D) &amp; International Dimension (I)</b>		
May be completed in any part of the degree plan		
Select at least one Diversity (D) course		
Select at least one International Dimension (I) course		
<b>College/Departmental Requirements</b>		
<i>First Year Seminar</i>		
(Transfer students with 15 hours exempt)		1
<i>Arts &amp; Humanities</i>		
See note 2.a.		9
<i>Natural &amp; Mathematical Sciences</i>		
See note 2.b.		3
<i>Foreign Language</i>		
FREN 1713	Elementary French I	3
FREN 1813	Elementary French II	3
FREN 2713	Intermediate Reading and Conversation I (I)	3
<i>Non-Western Studies</i>		

Select at least one course

See note 2.d.

*Upper-Division General Education*

Select 6 hours outside major department

See note 2.c.

**Hours Subtotal** **22**

**Major Requirements**

Minimum GPA 2.50 in upper-division French courses with minimum grade of "C" in each course

Select these courses (or equivalent proficiency):

FREN 2723	Intermediate Grammar and Composition I	3
FREN 2813	Intermediate Reading and Conversation II	3
FREN 2823	Intermediate Grammar & Comp II	3
FREN 3203	Advanced Written Expression	3
FREN 3213	Advanced Grammar	3
FREN 4333	Background of Modern French Civilization	3

Select 12 hours or more of the following French courses. At least six hours must be literature courses:<sup>1</sup>

FREN 3073	French Conversation	
FREN 3343	Business French	
FREN 3463	Advanced Diction and Phonetics	
FREN 3853	Introduction to Analysis of French Literature <sup>1</sup>	
FREN 4153	Survey of French Literature I <sup>1</sup>	
FREN 4173	Survey of French Literature II <sup>1</sup>	
FREN 4550	Directed Studies in French (1-9 hours)	
FREN 4573	Modern French Theater <sup>1</sup>	
LL 3500	Specialized Study in a Modern Language	
LL 4000	Specialized Studies in Languages and Literatures	

Select 10 upper-division hours to reach 40 hours. **10**

**Hours Subtotal** **40**

**Electives**

Select 18 hours **18**

May need to include 6 hours upper-division general education outside major department (see note 2.c.) and 12 additional upper-division hours

**Hours Subtotal** **18**

**Total Hours** **120**

1

At least 6 hours must be from literature courses marked with a <sup>1</sup>.

### Other Requirements

- See the College of Arts and Sciences Requirements.
- **Upper-Division Credit:** Total hours must include at least 40 hours in courses numbered 3000 or above.
- **Hours in One Department:** For B.A. and B.S. degrees, no more than 54 hours in one department may be applied to degree requirements.

## College of Arts and Sciences Requirements

### 1. General Education Requirements

No more than two courses (or eight hours) from the major department (<http://catalog.okstate.edu/college-arts-sciences-major-departments/>) may be used to meet General Education and College and Departmental Requirements. The General Education required English Composition, required U.S. History, required American Government, one required MATH or STAT course, and required foreign language for B.A. degrees do not count against the two-course maximum.

### 2. A&S College/Departmental Requirements

- Arts and Humanities are defined as any course carrying an (H) designation or courses from AMST, ART, DANC, ENGL (except ENGL 3323 Technical Writing) HIST, MUSI, PHIL (except PHIL 1313 Logic and Critical Thinking (A), PHIL 3003 Symbolic Logic (A) and PHIL 4003 Mathematical Logic and Computability), REL, TH, and foreign languages.
- Natural and Mathematical Sciences are defined as any course from the following prefixes: ASTR, BIOC, BIOL, CHEM, CS (except CS 4883 Social Issues in Computing), GEOL, MATH, MICR, PBIO, PHYS, and STAT; or courses from other departments that carry an (A) or (N) general education designation.
- The required six hours of upper-division General Education may not include courses from the student's major department. This requirement may be satisfied by courses also used to satisfy any part of a student's degree program (i.e., in General Education, College Departmental Requirements, Major Requirements or Electives).
- Non-Western Studies Requirement for B.A. and B.F.A.; One 3-hour course in Non-Western Studies (N.W.). This requirement may be satisfied by courses also used to satisfy any part of a student's degree program (i.e., in General Education, College Departmental Requirements, Major Requirements or Electives).
- The College of Arts & Sciences requires a minimum 2.0 GPA in all major requirements and a minimum 2.0 GPA in all major-prefix courses applied to the degree.

### 3. Foreign Language Proficiency

- The foreign language requirement for the B.A. may be satisfied by 9 hours college credit in the same language, which must include 3 hours at the 2000-level, or equivalent proficiency (e.g., passing an advanced standing examination; TOEFL exam; presenting a high school transcript which demonstrates the high school was primarily conducted in a language other than English; etc.). Computer Science courses may not be used to satisfy this requirement. Currently Arabic and Mvskoke are not offered at the 2000-level at OSU.
- The foreign language requirement for the B.S., B.M. and B.F.A. may be satisfied by presenting a high school transcript which demonstrates two years of study of a single foreign language (passing grades at second-year level of study). It may also be satisfied by 6 hours college credit in the same language, which must include language courses 1713 and 1813, or equivalent proficiency (e.g., passing an advanced standing examination; TOEFL exam; presenting a high school transcript which demonstrates the high school was primarily conducted in a language other than English; etc.). Computer Science courses may not be used to satisfy this requirement.

- In addition to a. and b., students pursuing teacher certification must meet novice-high foreign language proficiency by presenting a high school transcript which demonstrates two years of study of a single foreign language with no grade below B. Or, students may complete 3 hours college credit in a single language with no grade below C (or pass an advanced standing examination, College Level Examination Program (CLEP) exam, or Oral Proficiency Interview developed by the American Council on the Teaching of Foreign Languages, equivalent to 3 hours of college credit.) Or, students may meet the requirement by transfer of documentation of meeting the foreign language competency from one of the teacher education programs in the State of Oklahoma approved by the Oklahoma State Regents for Higher Education.

### 4. Exclusions

- Courses used to satisfy the General Education English Composition, U.S. History, American Government, and Mathematics or Statistics requirements will not count toward the 54-hour maximum allowed from one department.
- Courses with ATHL or LEIS prefixes and leisure activity courses may not be used for degree credit.

## Additional State/OSU Requirements

- At least: 60 hours at a four-year institution; 30 hours completed at OSU; 15 of the final 30 or 50% of the upper-division hours in the major field completed at OSU.
- Limit of: one-half of major course requirements as transfer work; one-fourth of hours earned by correspondence; 8 transfer correspondence hours.
- Students will be held responsible for degree requirements in effect at the time of matriculation and any changes that are made, so long as these changes do not result in semester credit hours being added or do not delay graduation.
- Degrees that follow this plan must be completed by the end of Summer 2028.

## Example Plan of Study

### Finish in Four Plan of Study

The plan below is an example of how students can successfully complete degree requirements in four years. This suggested class schedule plan may be used as a guide and can be adjusted based on individual needs. Students are required to meet with an academic advisor prior to enrollment each semester to plan their class schedule, and students are ultimately responsible for completing all degree requirements.

Course	Title	Hours
<b>Freshman</b>		
<b>Fall</b>		
FREN 1713	Elementary French I	3
General Education courses		11
<b>Hours</b>		<b>14</b>
<b>Spring</b>		
FREN 1813	Elementary French II	3
General Education courses		13
<b>Hours</b>		<b>16</b>
<b>Sophomore</b>		
<b>Fall</b>		
FREN 2713	Intermediate Reading and Conversation I (I)	3
FREN 2723	Intermediate Grammar and Composition I	3



General Education courses		9
	<b>Hours</b>	<b>15</b>
<b>Spring</b>		
FREN 2813	Intermediate Reading and Conversation II	3
FREN 2823	Intermediate Grammar & Comp II	3
		9
	<b>Hours</b>	<b>15</b>
<b>Junior</b>		
<b>Fall</b>		
FREN 3213	Advanced Grammar	3
Major, College, and Elective courses		12
	<b>Hours</b>	<b>15</b>
<b>Spring</b>		
FREN 3203	Advanced Written Expression	3
Major, College, and Elective courses		12
	<b>Hours</b>	<b>15</b>
<b>Senior</b>		
<b>Fall</b>		
Major, College, and Elective courses		15
	<b>Hours</b>	<b>15</b>
<b>Spring</b>		
FREN 4333	Background of Modern French Civilization	3
FREN 4163		3
College and Elective courses		9
	<b>Hours</b>	<b>15</b>
	<b>Total Hours</b>	<b>120</b>

## French: Business Essentials, BA

### Degree Requirements

**Requirements for Students Matriculating in or before Academic Year 2022-2023.** Learn more about University Academic Regulation 3.1 (p. 943).

**Minimum Overall Grade Point Average:** 2.00

**Total Hours:** 120

Code	Title	Hours
<b>General Education Requirements</b>		
<i>English Composition</i>		
See Academic Regulation 3.5 (p. 944)		
ENGL 1113	Composition I	3
or ENGL 1313	Critical Analysis and Writing I	
Select one of the following:		3
ENGL 1213	Composition II	
ENGL 1413	Critical Analysis and Writing II	
ENGL 3323	Technical Writing	
<i>American History &amp; Government</i>		
HIST 1103	Survey of American History	3
or HIST 1483	American History to 1865 (H)	
or HIST 1493	American History Since 1865 (DH)	
POLS 1113	American Government	3
<i>Analytical &amp; Quantitative Thought (A)</i>		
MATH 1483 or higher (not MATH 1493)	<sup>1</sup>	3
<i>Humanities (H)</i>		
Courses designated (H)		6
<i>Natural Sciences (N)</i>		
Must include one Laboratory Science (L) course.		
Courses designated (N)		6
<i>Social &amp; Behavioral Sciences (S)</i>		
Course designated (S)		3
<i>Additional General Education</i>		
Courses designated (A), (H), (N) or (S)		10
<b>Hours Subtotal</b>		<b>40</b>
<b>Diversity (D) &amp; International Dimension (I)</b>		
May be completed in any part of the degree plan.		
At least one Diversity (D) course.		
At least one International Dimension (I) course.		
<b>College/Departmental Requirements</b>		
<i>First Year Seminar</i>		
(Transfer students with 15 hours exempt)		1
<i>Arts &amp; Humanities</i>		
(See note 2.a.)		9
<i>Natural &amp; Mathematical Sciences</i>		
(See note 2.b.)		3
<i>Foreign Language</i>		
FREN 1713	Elementary French I	3
FREN 1813	Elementary French II	3
FREN 2713	Intermediate Reading and Conversation I (I)	3
<i>Non-Western Studies</i>		

At least one course		
(See note 2.d.)		
<i>Upper-Division General Education</i>		
6 hours outside major department		
(See note 2.c.)		
<b>Hours Subtotal</b>		<b>22</b>
<b>Major Requirements</b>		
Minimum GPA 2.50 in upper-division French courses with minimum grade of "C" in each course.		
Select these courses (or equivalent proficiency):		
FREN 2723	Intermediate Grammar and Composition I	3
FREN 2813	Intermediate Reading and Conversation II	3
FREN 2823	Intermediate Grammar & Comp II	3
FREN 3203	Advanced Written Expression	3
FREN 3213	Advanced Grammar	3
FREN 3343	Business French	3
FREN 4333	Background of Modern French Civilization	3
9 or more hours of French, of which at least six hours must be literature courses, from: <sup>2</sup>		9
FREN 3073	French Conversation	
FREN 3463	Advanced Diction and Phonetics	
FREN 3853	Introduction to Analysis of French Literature <sup>2</sup>	
FREN 4153	Survey of French Literature I <sup>2</sup>	
FREN 4173	Survey of French Literature II <sup>2</sup>	
FREN 4550	Directed Studies in French ((1-9 hours))	
FREN 4573	Modern French Theater <sup>2</sup>	
LL 3500	Specialized Study in a Modern Language (1-20 hours)	
LL 4000	Specialized Studies in Languages and Literatures (1-9 hours)	
<i>Business Essentials</i>		
ACCT 2003	Survey of Accounting	3
MGMT 3013	Fundamentals of Management (S)	3
MKTG 3213	Marketing (S)	3
3 hours from:		3
ECON 2003	Microeconomic Principles for Business	
EEE 2023	Introduction to Entrepreneurship	
LSB 3213	Legal and Regulatory Environment of Business	
MSIS 2103	Business Data Science Technologies	
Additional hours to reach the required 42 hours may be taken from the following:		
GEOG 3723	Europe (IS)	
POLS 3143	European Politics (I)	
HTM 3223	International Travel and Tourism (I)	
LSB 4633	Legal Aspects of International Business Transactions (I)	
MGMT 4613	International Management (I)	
MKTG 3993	International Business (I)	
MKTG 4553	International Marketing	
<b>Hours Subtotal</b>		<b>42</b>
<b>Electives</b>		

Select 16 hours	16
May need to include at least 13 upper-division hours.	
<b>Hours Subtotal</b>	<b>16</b>
<b>Total Hours</b>	<b>120</b>

1

College and Departmental Requirements that may be used to meet General Education Requirements.

2

Literature course options include FREN 3853, FREN 4153, FREN 4173, and FREN 4573.

## Other Requirements

- See the College of Arts and Sciences Requirements.
- **Upper-Division Credit:** Total hours must include at least 40 hours in courses numbered 3000 or above.
- **Hours in One Department:** For B.A. and B.S. degrees, no more than 54 hours in one department may be applied to degree requirements.

## College of Arts and Sciences Requirements

### 1. General Education Requirements

No more than two courses (or eight hours) from the major department (<http://catalog.okstate.edu/college-arts-sciences-major-departments/>) may be used to meet General Education and College and Departmental Requirements. The General Education required English Composition, required U.S. History, required American Government, one required MATH or STAT course, and required foreign language for B.A. degrees do not count against the two-course maximum.

### 2. A&S College/Departmental Requirements

- Arts and Humanities are defined as any course carrying an (H) designation or courses from AMST, ART, DANC, ENGL (except ENGL 3323 Technical Writing) HIST, MUSI, PHIL (except PHIL 1313 Logic and Critical Thinking (A), PHIL 3003 Symbolic Logic (A) and PHIL 4003 Mathematical Logic and Computability), REL, TH, and foreign languages.
- Natural and Mathematical Sciences are defined as any course from the following prefixes: ASTR, BIOC, BIOL, CHEM, CS (except CS 4883 Social Issues in Computing), GEOL, MATH, MICR, PBIO, PHYS, and STAT; or courses from other departments that carry an (A) or (N) general education designation.
- The required six hours of upper-division General Education may not include courses from the student's major department. This requirement may be satisfied by courses also used to satisfy any part of a student's degree program (i.e., in General Education, College Departmental Requirements, Major Requirements or Electives).
- Non-Western Studies Requirement for B.A. and B.F.A.; One 3-hour course in Non-Western Studies (N.W.). This requirement may be satisfied by courses also used to satisfy any part of a student's degree program (i.e., in General Education, College Departmental Requirements, Major Requirements or Electives).
- The College of Arts & Sciences requires a minimum 2.0 GPA in all major requirements and a minimum 2.0 GPA in all major-prefix courses applied to the degree.

### 3. Foreign Language Proficiency

- The foreign language requirement for the B.A. may be satisfied by 9 hours college credit in the same language, which must include 3 hours at the 2000-level, or equivalent proficiency (e.g., passing an advanced standing examination; TOEFL exam; presenting a high school transcript which demonstrates the high school was primarily conducted in a language other than English; etc.). Computer Science courses may not be used to satisfy this requirement. Currently Arabic and Mvskoke are not offered at the 2000-level at OSU.
- The foreign language requirement for the B.S., B.M. and B.F.A. may be satisfied by presenting a high school transcript which demonstrates two years of study of a single foreign language (passing grades at second-year level of study). It may also be satisfied by 6 hours college credit in the same language, which must include language courses 1713 and 1813, or equivalent proficiency (e.g., passing an advanced standing examination; TOEFL exam; presenting a high school transcript which demonstrates the high school was primarily conducted in a language other than English; etc.). Computer Science courses may not be used to satisfy this requirement.
- In addition to a. and b., students pursuing teacher certification must meet novice-high foreign language proficiency by presenting a high school transcript which demonstrates two years of study of a single foreign language with no grade below B. Or, students may complete 3 hours college credit in a single language with no grade below C (or pass an advanced standing examination, College Level Examination Program (CLEP) exam, or Oral Proficiency Interview developed by the American Council on the Teaching of Foreign Languages, equivalent to 3 hours of college credit.) Or, students may meet the requirement by transfer of documentation of meeting the foreign language competency from one of the teacher education programs in the State of Oklahoma approved by the Oklahoma State Regents for Higher Education.

### 4. Exclusions

- Courses used to satisfy the General Education English Composition, U.S. History, American Government, and Mathematics or Statistics requirements will not count toward the 54-hour maximum allowed from one department.
- Courses with ATHL or LEIS prefixes and leisure activity courses may not be used for degree credit.

## Additional State/OSU Requirements

- At least: 60 hours at a four-year institution; 30 hours completed at OSU; 15 of the final 30 or 50% of the upper-division hours in the major field completed at OSU.
- Limit of: one-half of major course requirements as transfer work; one-fourth of hours earned by correspondence; 8 transfer correspondence hours.
- Students will be held responsible for degree requirements in effect at the time of matriculation and any changes that are made, so long as these changes do not result in semester credit hours being added or do not delay graduation.
- Degrees that follow this plan must be completed by the end of Summer 2028.

## Example Plan of Study

### Finish in Four Plan of Study

The plan below is an **example** of how students can successfully complete degree requirements in four years. This suggested class schedule plan may be used as a guide and can be adjusted based on individual needs. Students are required to meet with an academic advisor prior to enrollment each semester to plan their class schedule, and students are ultimately responsible for completing all degree requirements.

Course	Title	Hours
<b>Freshman</b>		
<b>Fall</b>		
FREN 1713	Elementary French I	3
General Education courses		11
<b>Hours</b>		<b>14</b>
<b>Spring</b>		
FREN 1813	Elementary French II	3
General Education courses		13
<b>Hours</b>		<b>16</b>
<b>Sophomore</b>		
<b>Fall</b>		
FREN 2713	Intermediate Reading and Conversation I (I)	3
FREN 2723	Intermediate Grammar and Composition I	3
General Education courses		9
<b>Hours</b>		<b>15</b>
<b>Spring</b>		
FREN 2813	Intermediate Reading and Conversation II	3
FREN 2823	Intermediate Grammar & Comp II	3
		9
<b>Hours</b>		<b>15</b>
<b>Junior</b>		
<b>Fall</b>		
FREN 3213	Advanced Grammar	3
Major, College, and Elective courses		12
<b>Hours</b>		<b>15</b>
<b>Spring</b>		
FREN 3203	Advanced Written Expression	3
Major, College, and Elective courses		12
<b>Hours</b>		<b>15</b>
<b>Senior</b>		
<b>Fall</b>		
Major, College, and Elective courses		15
<b>Hours</b>		<b>15</b>
<b>Spring</b>		
FREN 4333	Background of Modern French Civilization	3
FREN 4163		3
College and Elective courses		9
<b>Hours</b>		<b>15</b>
<b>Total Hours</b>		<b>120</b>

## French: Pre-Law, BA

### Degree Requirements

**Requirements for Students Matriculating in or before Academic Year 2022-2023.** Learn more about University Academic Regulation 3.1 (p. 943).

**Minimum Overall Grade Point Average:** 2.00

**Total Hours:** 120

Code	Title	Hours
<b>General Education Requirements</b>		
<i>English Composition</i>		
See Academic Regulation 3.5 (p. 944)		
ENGL 1113	Composition I	3
or ENGL 1313	Critical Analysis and Writing I	
Select one of the following:		3
ENGL 1213	Composition II	
ENGL 1413	Critical Analysis and Writing II	
ENGL 3323	Technical Writing	
<i>American History &amp; Government</i>		
HIST 1103	Survey of American History	3
or HIST 1483	American History to 1865 (H)	
or HIST 1493	American History Since 1865 (DH)	
POLS 1113	American Government	3
<i>Analytical &amp; Quantitative Thought (A)</i>		
MATH or STAT course designated (A)		3
PHIL 1313	Logic and Critical Thinking (A)	3
<i>Humanities (H)</i>		
Courses designated (H)		6
<i>Natural Sciences (N)</i>		
Must include one Laboratory Science (L) course		
Course designated (N)		6
<i>Social &amp; Behavioral Sciences (S)</i>		
Course designated (S)		3
<i>Additional General Education</i>		
Courses designated (A), (H), (N), or (S)		7
<b>Hours Subtotal</b>		<b>40</b>
<b>Diversity (D) &amp; International Dimension (I)</b>		
May be completed in any part of the degree plan		
Select at least one Diversity (D) course		
Select at least one International Dimension (I) course		
<b>College/Departmental Requirements</b>		
<i>First Year Seminar</i>		
(Transfer students with 15 hours exempt)		1
<i>Arts &amp; Humanities</i>		
See note 2.a.		9
<i>Natural &amp; Mathematical Sciences</i>		
See note 2.b.		3
<i>Foreign Language</i>		
FREN 1713	Elementary French I	
FREN 1813	Elementary French II	
FREN 2713	Intermediate Reading and Conversation I (I)	

See note 3		9
<i>Non-Western Studies</i>		
Select at least one course		
See note 2.c.		
<i>Upper-Division General Education</i>		
Select 6 hours outside major department		
See note 2.c.		
<b>Hours Subtotal</b>		<b>22</b>
<b>Major Requirements</b>		
Minimum GPA 2.50 in upper-division French courses with minimum grade of "C" in each course		
FREN 2723	Intermediate Grammar and Composition I	3
FREN 2813	Intermediate Reading and Conversation II	3
FREN 2823	Intermediate Grammar & Comp II	3
FREN 3203	Advanced Written Expression	3
FREN 3213	Advanced Grammar	3
FREN 4333	Background of Modern French Civilization	3
Select 12 hours or more of the following French courses. At least six hours must be literature courses: <sup>1</sup>		12
FREN 3073	French Conversation	
FREN 3343	Business French	
FREN 3463	Advanced Diction and Phonetics	
FREN 3853	Introduction to Analysis of French Literature <sup>1</sup>	
FREN 4153	Survey of French Literature I <sup>1</sup>	
FREN 4173	Survey of French Literature II <sup>1</sup>	
FREN 4550	Directed Studies in French (1-9)	
FREN 4573	Modern French Theater <sup>1</sup>	
LL 3500	Specialized Study in a Modern Language	
LL 4000	Specialized Studies in Languages and Literatures	
Select 9 hours from the following or accredited doctoral law courses.		9
AMIS 4013	American Indian Sovereignty (D)	
ECON 3313	Money and Banking	
ECON 3423	Public Finance	
ENGL 3223	Professional Writing Theory	
ENGL 3323	Technical Writing	
PHIL 3003	Symbolic Logic (A)	
PHIL 3413	Ethical Theory (H)	
PHIL 3843	Philosophy of Law (H)	
POLS 3033	International Law	
POLS 3453	U.S. Congress	
POLS 3493	Public Policy	
POLS 3613	State and Local Government	
POLS 4353	Administrative Law	
POLS 4363	Environmental Law And Policy	
POLS 4963	U.S. Constitution: Civil Rights and Civil Liberties	
POLS 4973	U.S. Constitution: Separation of Powers	
SOC 4313	Sociology of Law	
SPCH 3733	Elements of Persuasion (S)	
<b>Hours Subtotal</b>		<b>39</b>

Electives	
Select 19 hours	19
May need to include 6 hours upper-division general education outside major department (see note 2.c.) and 12 additional upper-division hours	
Hours Subtotal	19
Total Hours	120

1

At least 6 hours must be from literature courses marked with a <sup>1</sup>.

## Other Requirements

- See the College of Arts and Sciences Requirements.
- **Upper-Division Credit:** Total hours must include at least 40 hours in courses numbered 3000 or above.
- **Hours in One Department:** For B.A. and B.S. degrees, no more than 54 hours in one department may be applied to degree requirements.

## College of Arts and Sciences Requirements

### 1. General Education Requirements

No more than two courses (or eight hours) from the major department (<http://catalog.okstate.edu/college-arts-sciences-major-departments/>) may be used to meet General Education and College and Departmental Requirements. The General Education required English Composition, required U.S. History, required American Government, one required MATH or STAT course, and required foreign language for B.A. degrees do not count against the two-course maximum.

### 2. A&S College/Departmental Requirements

- Arts and Humanities are defined as any course carrying an (H) designation or courses from AMST, ART, DANC, ENGL (except ENGL 3323 Technical Writing) HIST, MUSI, PHIL (except PHIL 1313 Logic and Critical Thinking (A), PHIL 3003 Symbolic Logic (A) and PHIL 4003 Mathematical Logic and Computability), REL, TH, and foreign languages.
- Natural and Mathematical Sciences are defined as any course from the following prefixes: ASTR, BIOC, BIOL, CHEM, CS (except CS 4883 Social Issues in Computing), GEOL, MATH, MICR, PBIO, PHYS, and STAT; or courses from other departments that carry an (A) or (N) general education designation.
- The required six hours of upper-division General Education may not include courses from the student's major department. This requirement may be satisfied by courses also used to satisfy any part of a student's degree program (i.e., in General Education, College Departmental Requirements, Major Requirements or Electives).
- Non-Western Studies Requirement for B.A. and B.F.A.; One 3-hour course in Non-Western Studies (N.W.). This requirement may be satisfied by courses also used to satisfy any part of a student's degree program (i.e., in General Education, College Departmental Requirements, Major Requirements or Electives).
- The College of Arts & Sciences requires a minimum 2.0 GPA in all major requirements and a minimum 2.0 GPA in all major-prefix courses applied to the degree.

### 3. Foreign Language Proficiency

- The foreign language requirement for the B.A. may be satisfied by 9 hours college credit in the same language, which must include

3 hours at the 2000-level, or equivalent proficiency (e.g., passing an advanced standing examination; TOEFL exam; presenting a high school transcript which demonstrates the high school was primarily conducted in a language other than English; etc.). Computer Science courses may not be used to satisfy this requirement. Currently Arabic and Mvskoke are not offered at the 2000-level at OSU.

- The foreign language requirement for the B.S., B.M. and B.F.A. may be satisfied by presenting a high school transcript which demonstrates two years of study of a single foreign language (passing grades at second-year level of study). It may also be satisfied by 6 hours college credit in the same language, which must include language courses 1713 and 1813, or equivalent proficiency (e.g., passing an advanced standing examination; TOEFL exam; presenting a high school transcript which demonstrates the high school was primarily conducted in a language other than English; etc.). Computer Science courses may not be used to satisfy this requirement.
  - In addition to a. and b., students pursuing teacher certification must meet novice-high foreign language proficiency by presenting a high school transcript which demonstrates two years of study of a single foreign language with no grade below B. Or, students may complete 3 hours college credit in a single language with no grade below C (or pass an advanced standing examination, College Level Examination Program (CLEP) exam, or Oral Proficiency Interview developed by the American Council on the Teaching of Foreign Languages, equivalent to 3 hours of college credit.) Or, students may meet the requirement by transfer of documentation of meeting the foreign language competency from one of the teacher education programs in the State of Oklahoma approved by the Oklahoma State Regents for Higher Education.
- ### 4. Exclusions
- Courses used to satisfy the General Education English Composition, U.S. History, American Government, and Mathematics or Statistics requirements will not count toward the 54-hour maximum allowed from one department.
  - Courses with ATHL or LEIS prefixes and leisure activity courses may not be used for degree credit.

## Additional State/OSU Requirements

- At least: 60 hours at a four-year institution; 30 hours completed at OSU; 15 of the final 30 or 50% of the upper-division hours in the major field completed at OSU.
- Limit of: one-half of major course requirements as transfer work; one-fourth of hours earned by correspondence; 8 transfer correspondence hours.
- Students will be held responsible for degree requirements in effect at the time of matriculation and any changes that are made, so long as these changes do not result in semester credit hours being added or do not delay graduation.
- Degrees that follow this plan must be completed by the end of Summer 2028.

## Example Plan of Study

### Finish in Four Plan of Study

The plan below is an **example** of how students can successfully complete degree requirements in four years. This suggested class schedule plan may be used as a guide and can be adjusted based on individual



needs. Students are required to meet with an academic advisor prior to enrollment each semester to plan their class schedule, and students are ultimately responsible for completing all degree requirements.

Course	Title	Hours
<b>Freshman</b>		
<b>Fall</b>		
FREN 1713	Elementary French I	3
General Education courses		11
<b>Hours</b>		<b>14</b>
<b>Spring</b>		
FREN 1813	Elementary French II	3
General Education courses		13
<b>Hours</b>		<b>16</b>
<b>Sophomore</b>		
<b>Fall</b>		
FREN 2713	Intermediate Reading and Conversation I (I)	3
FREN 2723	Intermediate Grammar and Composition I	3
PHIL 1313	Logic and Critical Thinking (A)	3
General Education courses		6
<b>Hours</b>		<b>15</b>
<b>Spring</b>		
FREN 2813	Intermediate Reading and Conversation II	3
FREN 2823	Intermediate Grammar & Comp II	3
		9
<b>Hours</b>		<b>15</b>
<b>Junior</b>		
<b>Fall</b>		
FREN 3213	Advanced Grammar	3
Major, College, and Elective courses		12
<b>Hours</b>		<b>15</b>
<b>Spring</b>		
FREN 3203	Advanced Written Expression	3
Major, College, and Elective courses		12
<b>Hours</b>		<b>15</b>
<b>Senior</b>		
<b>Fall</b>		
Major, College, and Elective courses		15
<b>Hours</b>		<b>15</b>
<b>Spring</b>		
FREN 4333	Background of Modern French Civilization	3
FREN 4163		3
College and Elective courses		9
<b>Hours</b>		<b>15</b>
<b>Total Hours</b>		<b>120</b>

## German (GRMN), Minor

**Requirements for Students Matriculating in or before Academic Year 2022-2023.** Learn more about University Academic Regulation 3.1 (p. 943).

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**Minimum Overall Grade Point Average:** 2.50

**Total Hours:** 24

The completion of all lower-division coursework or equivalent proficiency in same language to be followed by:

Code	Title	Hours
<b>Language Sequence Requirements</b>		
GRMN 1713	Elementary German I	3
GRMN 1813	Elementary German II	3
GRMN 2713	Reading and Conversation I (I)	3
GRMN 2723	Intermediate Grammar and Composition I	3
GRMN 2813	Reading and Conversation II	3
GRMN 2823	Intermediate Grammar and Composition II (I)	3
<b>Upper-Level Requirements</b>		
Select six hours from the following:		6
GRMN 3013	German for Reading Requirements I	
GRMN 3023	German for Reading Requirements II	
GRMN 3343	German for Professional Purposes	
GRMN 3463	Advanced Diction and Phonetics	
GRMN 3501	Orientation to Internship Abroad	
GRMN 3502	Internship Abroad	
GRMN 3803	Advanced Conversation	
GRMN 3813	Advanced Grammar and Composition	
GRMN 4113	German Literature in Translation (I)	
GRMN 4153	Survey of German Literature I	
GRMN 4163	Survey of German Literature II	
GRMN 4333	Backgrounds of Modern German Civilization	
GRMN 4343	Modern Germany	
GRMN 4513	The Age of Goethe	
GRMN 4523	19th Century German Literature	
GRMN 4543	Contemporary German Literature	
GRMN 4550	Studies in German	
<b>Total Hours</b>		<b>24</b>

- The courses required for a minor may be included in the course requirements for any undergraduate degree or they may be in addition to degree requirements, depending on the overlap between the minor and degree requirements. However, an undergraduate minor must be earned in an academic field other than the student's declared degree option. The minor may not duplicate the degree major or option (for example, a student who earns a BA in Art with an Art History option may earn a minor in Studio Art but not Art History).
- A student generally follows the minor requirements associated with his or her matriculation year or newer requirements that have been established since matriculation. The time limit for following requirements from a given academic year is six years.

For additional information on requirements on minors, click here (<https://adminfinance.okstate.edu/site-files/documents/policies/requirements-for-undergraduate-and-graduate-minors.pdf>).

### Other Requirements

- No grade below "C" in all upper-division courses

### Additional OSU Requirements

#### Undergraduate Minors

- An undergraduate minor must include between fifteen and thirty hours, inclusive of undergraduate coursework.
- A minimum of six credit hours for the minor must be earned in residence at OSU.

## German, BA

### Degree Requirements

**Requirements for Students Matriculating in or before Academic Year 2022-2023.** Learn more about University Academic Regulation 3.1 (p. 943).

**Minimum Overall Grade Point Average:** 2.00

**Total Hours:** 120

Code	Title	Hours
<b>General Education Requirements</b>		
<i>English Composition</i>		
See Academic Regulation 3.5 (p. 944)		
ENGL 1113	Composition I	3
or ENGL 1313	Critical Analysis and Writing I	
Select one of the following:		3
ENGL 1213	Composition II	
ENGL 1413	Critical Analysis and Writing II	
ENGL 3323	Technical Writing	
<i>American History &amp; Government</i>		
HIST 1103	Survey of American History	3
or HIST 1483	American History to 1865 (H)	
or HIST 1493	American History Since 1865 (DH)	
POLS 1113	American Government	3
<i>Analytical &amp; Quantitative Thought (A)</i>		
MATH or STAT course designated (A)		3
<i>Humanities (H)</i>		
Courses designated (H)		6
<i>Natural Sciences (N)</i>		
Must include one Laboratory Science (L) course		
Course designated (N)		6
<i>Social &amp; Behavioral Sciences (S)</i>		
Course designated (S)		3
<i>Additional General Education</i>		
Courses designated (A), (H), (N), or (S)		10
<b>Hours Subtotal</b>		<b>40</b>
<b>Diversity (D) &amp; International Dimension (I)</b>		
May be completed in any part of the degree plan		
Select at least one Diversity (D) course		
Select at least one International Dimension (I) course		
<b>College/Departmental Requirements</b>		
<i>First Year Seminar</i>		
(Transfer students with 15 hours exempt)		1
<i>Arts &amp; Humanities</i>		
See note 2.a.		9
<i>Natural &amp; Mathematical Sciences</i>		
See note 2.b.		3
<i>Foreign Language</i>		
GRMN 1713	Elementary German I	3
GRMN 1813	Elementary German II	3
GRMN 2713	Reading and Conversation I (I)	3
<i>Non-Western Studies</i>		

Select at least one course

See note 2.d.

*Upper-Division General Education*

Select 6 hours outside major department

See note 2.c.

**Hours Subtotal** **22**

**Major Requirements**

Minimum GPA 2.50 in upper-division German courses with minimum grade of "C" in each course

GRMN 2723	Intermediate Grammar and Composition I	3
GRMN 2813	Reading and Conversation II	3
GRMN 2823	Intermediate Grammar and Composition II (I)	3
GRMN 3803	Advanced Conversation	3
GRMN 3813	Advanced Grammar and Composition	3
GRMN 4333	Backgrounds of Modern German Civilization	3
or GRMN 4343	Modern Germany	

Select 12 or more hours of German of the following. At least six hours must be literature courses: <sup>1</sup>

GRMN 3343	German for Professional Purposes	
GRMN 3463	Advanced Diction and Phonetics	
GRMN 3501	Orientation to Internship Abroad	
GRMN 3502	Internship Abroad	
GRMN 4153	Survey of German Literature I <sup>1</sup>	
GRMN 4163	Survey of German Literature II <sup>1</sup>	
GRMN 4513	The Age of Goethe <sup>1</sup>	
GRMN 4523	19th Century German Literature <sup>1</sup>	
GRMN 4543	Contemporary German Literature <sup>1</sup>	
GRMN 4550	Studies in German (1-9 hours)	
LL 3500	Specialized Study in a Modern Language	
LL 4000	Specialized Studies in Languages and Literatures	

Select 10 upper-division hours to reach 40 hours. **10**

**Hours Subtotal** **40**

**Electives**

Select 18 hours **18**

May need to include 6 hours upper-division general education outside major department (see note 2.c.) and 12 additional upper-division hours

**Hours Subtotal** **18**

**Total Hours** **120**

<sup>1</sup>

At least 6 hours must be from literature courses marked with a <sup>1</sup>.

### Other Requirements

- See the College of Arts and Sciences Requirements.
- **Upper-Division Credit:** Total hours must include at least 40 hours in courses numbered 3000 or above.
- **Hours in One Department:** For B.A. and B.S. degrees, no more than 54 hours in one department may be applied to degree requirements.

## College of Arts and Sciences Requirements

### 1. General Education Requirements

No more than two courses (or eight hours) from the major department (<http://catalog.okstate.edu/college-arts-sciences-major-departments/>) may be used to meet General Education and College and Departmental Requirements. The General Education required English Composition, required U.S. History, required American Government, one required MATH or STAT course, and required foreign language for B.A. degrees do not count against the two-course maximum.

### 2. A&S College/Departmental Requirements

- Arts and Humanities are defined as any course carrying an (H) designation or courses from AMST, ART, DANC, ENGL (except ENGL 3323 Technical Writing) HIST, MUSI, PHIL (except PHIL 1313 Logic and Critical Thinking (A), PHIL 3003 Symbolic Logic (A) and PHIL 4003 Mathematical Logic and Computability), REL, TH, and foreign languages.
- Natural and Mathematical Sciences are defined as any course from the following prefixes: ASTR, BIOC, BIOL, CHEM, CS (except CS 4883 Social Issues in Computing), GEOL, MATH, MICR, PBIO, PHYS, and STAT; or courses from other departments that carry an (A) or (N) general education designation.
- The required six hours of upper-division General Education may not include courses from the student's major department. This requirement may be satisfied by courses also used to satisfy any part of a student's degree program (i.e., in General Education, College Departmental Requirements, Major Requirements or Electives).
- Non-Western Studies Requirement for B.A. and B.F.A.; One 3-hour course in Non-Western Studies (N.W.). This requirement may be satisfied by courses also used to satisfy any part of a student's degree program (i.e., in General Education, College Departmental Requirements, Major Requirements or Electives).
- The College of Arts & Sciences requires a minimum 2.0 GPA in all major requirements and a minimum 2.0 GPA in all major-prefix courses applied to the degree.

### 3. Foreign Language Proficiency

- The foreign language requirement for the B.A. may be satisfied by 9 hours college credit in the same language, which must include 3 hours at the 2000-level, or equivalent proficiency (e.g., passing an advanced standing examination; TOEFL exam; presenting a high school transcript which demonstrates the high school was primarily conducted in a language other than English; etc.). Computer Science courses may not be used to satisfy this requirement. Currently Arabic and Mvskoke are not offered at the 2000-level at OSU.
- The foreign language requirement for the B.S., B.M. and B.F.A. may be satisfied by presenting a high school transcript which demonstrates two years of study of a single foreign language (passing grades at second-year level of study). It may also be satisfied by 6 hours college credit in the same language, which must include language courses 1713 and 1813, or equivalent proficiency (e.g., passing an advanced standing examination; TOEFL exam; presenting a high school transcript which demonstrates the high school was primarily conducted in a language other than English; etc.). Computer Science courses may not be used to satisfy this requirement.

- In addition to a. and b., students pursuing teacher certification must meet novice-high foreign language proficiency by presenting a high school transcript which demonstrates two years of study of a single foreign language with no grade below B. Or, students may complete 3 hours college credit in a single language with no grade below C (or pass an advanced standing examination, College Level Examination Program (CLEP) exam, or Oral Proficiency Interview developed by the American Council on the Teaching of Foreign Languages, equivalent to 3 hours of college credit.) Or, students may meet the requirement by transfer of documentation of meeting the foreign language competency from one of the teacher education programs in the State of Oklahoma approved by the Oklahoma State Regents for Higher Education.

### 4. Exclusions

- Courses used to satisfy the General Education English Composition, U.S. History, American Government, and Mathematics or Statistics requirements will not count toward the 54-hour maximum allowed from one department.
- Courses with ATHL or LEIS prefixes and leisure activity courses may not be used for degree credit.

## Additional State/OSU Requirements

- At least: 60 hours at a four-year institution; 30 hours completed at OSU; 15 of the final 30 or 50% of the upper-division hours in the major field completed at OSU.
- Limit of: one-half of major course requirements as transfer work; one-fourth of hours earned by correspondence; 8 transfer correspondence hours.
- Students will be held responsible for degree requirements in effect at the time of matriculation and any changes that are made, so long as these changes do not result in semester credit hours being added or do not delay graduation.
- Degrees that follow this plan must be completed by the end of Summer 2028.

## Example Plan of Study

### Finish in Four Plan of Study

The plan below is an example of how students can successfully complete degree requirements in four years. This suggested class schedule plan may be used as a guide and can be adjusted based on individual needs. Students are required to meet with an academic advisor prior to enrollment each semester to plan their class schedule, and students are ultimately responsible for completing all degree requirements.

Course	Title	Hours
<b>Freshman</b>		
<b>Fall</b>		
GRMN 1713	Elementary German I	3
General Education courses		13
<b>Hours</b>		<b>16</b>
<b>Spring</b>		
GRMN 1813	Elementary German II	3
General Education courses		11
<b>Hours</b>		<b>14</b>
<b>Sophomore</b>		
<b>Fall</b>		
GRMN 2713	Reading and Conversation I (I)	3
GRMN 2723	Intermediate Grammar and Composition I	3

General Education courses		9
	<b>Hours</b>	<b>15</b>
<b>Spring</b>		
GRMN 2813	Reading and Conversation II	3
GRMN 2823	Intermediate Grammar and Composition II (I)	3
College and Elective courses		9
	<b>Hours</b>	<b>15</b>
<b>Junior</b>		
<b>Fall</b>		
GRMN 3803	Advanced Conversation	3
GRMN 4333	Backgrounds of Modern German Civilization	3
Major, College, and Elective courses		9
	<b>Hours</b>	<b>15</b>
<b>Spring</b>		
Major, College, and Elective courses		15
	<b>Hours</b>	<b>15</b>
<b>Senior</b>		
<b>Fall</b>		
GRMN 3813	Advanced Grammar and Composition	3
Major, College, and Elective courses		12
	<b>Hours</b>	<b>15</b>
<b>Spring</b>		
Major, College, and Elective courses		15
	<b>Hours</b>	<b>15</b>
	<b>Total Hours</b>	<b>120</b>

## German: Business Essentials, BA

### Degree Requirements

**Requirements for Students Matriculating in or before Academic Year 2022-2023.** Learn more about University Academic Regulation 3.1 (p. 943).

**Minimum Overall Grade Point Average: 2.00**

**Total Hours: 120**

Code	Title	Hours
<b>General Education Requirements</b>		
<i>English Composition</i>		
See Academic Regulation 3.5 (p. 944)		
ENGL 1113	Composition I	3
or ENGL 1313	Critical Analysis and Writing I	
Select one of the following:		3
ENGL 1213	Composition II	
ENGL 1413	Critical Analysis and Writing II	
ENGL 3323	Technical Writing	
<i>American History &amp; Government</i>		
HIST 1103	Survey of American History	3
or HIST 1483	American History to 1865 (H)	
or HIST 1493	American History Since 1865 (DH)	
POLS 1113	American Government	3
<i>Analytical &amp; Quantitative Thought (A)</i>		
MATH 1483	Mathematical Functions and Their Uses (A) (or higher, not MATH 1493) <sup>1</sup>	3
<i>Humanities (H)</i>		
Courses designated (H)		6
<i>Natural Sciences (N)</i>		
Must include one Laboratory Science (L) course		
Courses designated (N) with one (L)		6
<i>Social &amp; Behavioral Sciences (S)</i>		
Course designated (S)		3
<i>Additional General Education</i>		
Course(s) designated (A), (H), (N), or (S)		10
<b>Hours Subtotal</b>		<b>40</b>
<b>Diversity (D) &amp; International Dimension (I)</b>		
May be completed in any part of the degree plan		
At least one Diversity (D) course		
At least one International Dimension (I) course		
<b>College/Departmental Requirements</b>		
<i>First Year Seminar</i>		
(Transfer students with 15 hours exempt.)		1
<i>Arts &amp; Humanities</i>		
(See note 2.a.)		9
<i>Natural &amp; Mathematical Sciences</i>		
(See note 2.b.)		3
<i>Foreign Language</i>		
GRMN 1713	Elementary German I	3
GRMN 1813	Elementary German II	3
GRMN 2713	Reading and Conversation I (I)	3

#### Non-Western Studies

At least one course

(See note 2.d.)

#### Upper-Division General Education

6 hours outside major department

(See note 2.c.)

**Hours Subtotal** **22**

#### Major Requirements

Minimum GPA 2.50 in upper-division German courses with minimum grade of "C" in each course.

GRMN 2723	Intermediate Grammar and Composition I	3
GRMN 2813	Reading and Conversation II	3
GRMN 2823	Intermediate Grammar and Composition II (I)	3
GRMN 3343	German for Professional Purposes	3
GRMN 3803	Advanced Conversation	3
GRMN 3813	Advanced Grammar and Composition	3
GRMN 4333	Backgrounds of Modern German Civilization	3
or GRMN 4343	Modern Germany	

9 or more hours of German, of which at least 6 hours must be literature courses from: <sup>1</sup>

GRMN 3463	Advanced Diction and Phonetics	
GRMN 3501	Orientation to Internship Abroad	
GRMN 3502	Internship Abroad	
GRMN 4153	Survey of German Literature I <sup>2</sup>	
GRMN 4163	Survey of German Literature II <sup>2</sup>	
GRMN 4513	The Age of Goethe <sup>2</sup>	
GRMN 4523	19th Century German Literature <sup>2</sup>	
GRMN 4543	Contemporary German Literature <sup>2</sup>	
GRMN 4550	Studies in German ((1-9) hours)	
LL 3500	Specialized Study in a Modern Language (1-20 hours)	
LL 4000	Specialized Studies in Languages and Literatures (1-9 hours)	

#### Business Essentials

ACCT 2003	Survey of Accounting	3
MGMT 3013	Fundamentals of Management (S)	3
MKTG 3213	Marketing (S)	3

3 hours from:

BADM 3113	Practical Business and Interpersonal Skills	
ECON 2003	Microeconomic Principles for Business	
EEE 2023	Introduction to Entrepreneurship	
LSB 3213	Legal and Regulatory Environment of Business	
MSIS 2103	Business Data Science Technologies	

Additional hours to reach the required 42 hours may be taken from the following:

GEOG 3723	Europe (IS)	
POLS 3143	European Politics (I)	
HTM 3223	International Travel and Tourism (I)	
LSB 4633	Legal Aspects of International Business Transactions (I)	



MGMT 4613	International Management (I)	
MKTG 3993	International Business (I)	
MKTG 4553	International Marketing	
<b>Hours Subtotal</b>		<b>42</b>
<b>Electives</b>		
Select 16 hours.		16
May need to include 13 hours upper-division hours.		
<b>Hours Subtotal</b>		<b>16</b>
<b>Total Hours</b>		<b>120</b>

1

College and Departmental Requirements that may be used to meet General Education Requirements.

2

Literature course options include GRMN 4153, GRMN 4163, GRMN 4513, GRMN 4523, and GRMN 4543.

## Other Requirements

- See the College of Arts and Sciences Requirements.
- **Upper-Division Credit:** Total hours must include at least 40 hours in courses numbered 3000 or above.
- **Hours in One Department:** For B.A. and B.S. degrees, no more than 54 hours in one department may be applied to degree requirements.

## College of Arts and Sciences Requirements

### 1. General Education Requirements

No more than two courses (or eight hours) from the major department (<http://catalog.okstate.edu/college-arts-sciences-major-departments/>) may be used to meet General Education and College and Departmental Requirements. The General Education required English Composition, required U.S. History, required American Government, one required MATH or STAT course, and required foreign language for B.A. degrees do not count against the two-course maximum.

### 2. A&S College/Departmental Requirements

- Arts and Humanities are defined as any course carrying an (H) designation or courses from AMST, ART, DANC, ENGL (except ENGL 3323 Technical Writing) HIST, MUSI, PHIL (except PHIL 1313 Logic and Critical Thinking (A), PHIL 3003 Symbolic Logic (A) and PHIL 4003 Mathematical Logic and Computability), REL, TH, and foreign languages.
- Natural and Mathematical Sciences are defined as any course from the following prefixes: ASTR, BIOC, BIOL, CHEM, CS (except CS 4883 Social Issues in Computing), GEOL, MATH, MICR, P BIO, PHYS, and STAT; or courses from other departments that carry an (A) or (N) general education designation.
- The required six hours of upper-division General Education may not include courses from the student's major department. This requirement may be satisfied by courses also used to satisfy any part of a student's degree program (i.e., in General Education, College Departmental Requirements, Major Requirements or Electives).
- Non-Western Studies Requirement for B.A. and B.F.A.; One 3-hour course in Non-Western Studies (N.W.). This requirement may be satisfied by courses also used to satisfy any part of a student's

degree program (i.e., in General Education, College Departmental Requirements, Major Requirements or Electives).

- The College of Arts & Sciences requires a minimum 2.0 GPA in all major requirements and a minimum 2.0 GPA in all major-prefix courses applied to the degree.

### 3. Foreign Language Proficiency

- The foreign language requirement for the B.A. may be satisfied by 9 hours college credit in the same language, which must include 3 hours at the 2000-level, or equivalent proficiency (e.g., passing an advanced standing examination; TOEFL exam; presenting a high school transcript which demonstrates the high school was primarily conducted in a language other than English; etc.). Computer Science courses may not be used to satisfy this requirement. Currently Arabic and Mvskoke are not offered at the 2000-level at OSU.
- The foreign language requirement for the B.S., B.M. and B.F.A. may be satisfied by presenting a high school transcript which demonstrates two years of study of a single foreign language (passing grades at second-year level of study). It may also be satisfied by 6 hours college credit in the same language, which must include language courses 1713 and 1813, or equivalent proficiency (e.g., passing an advanced standing examination; TOEFL exam; presenting a high school transcript which demonstrates the high school was primarily conducted in a language other than English; etc.). Computer Science courses may not be used to satisfy this requirement.
- In addition to a. and b., students pursuing teacher certification must meet novice-high foreign language proficiency by presenting a high school transcript which demonstrates two years of study of a single foreign language with no grade below B. Or, students may complete 3 hours college credit in a single language with no grade below C (or pass an advanced standing examination, College Level Examination Program (CLEP) exam, or Oral Proficiency Interview developed by the American Council on the Teaching of Foreign Languages, equivalent to 3 hours of college credit.) Or, students may meet the requirement by transfer of documentation of meeting the foreign language competency from one of the teacher education programs in the State of Oklahoma approved by the Oklahoma State Regents for Higher Education.

### 4. Exclusions

- Courses used to satisfy the General Education English Composition, U.S. History, American Government, and Mathematics or Statistics requirements will not count toward the 54-hour maximum allowed from one department.
- Courses with ATHL or LEIS prefixes and leisure activity courses may not be used for degree credit.

## Additional State/OSU Requirements

- At least: 60 hours at a four-year institution; 30 hours completed at OSU; 15 of the final 30 or 50% of the upper-division hours in the major field completed at OSU.
- Limit of: one-half of major course requirements as transfer work; one-fourth of hours earned by correspondence; 8 transfer correspondence hours.
- Students will be held responsible for degree requirements in effect at the time of matriculation and any changes that are made, so long as these changes do not result in semester credit hours being added or do not delay graduation.

- Degrees that follow this plan must be completed by the end of Summer 2028.

## Example Plan of Study

### Finish in Four Plan of Study

The plan below is an **example** of how students can successfully complete degree requirements in four years. This suggested class schedule plan may be used as a guide and can be adjusted based on individual needs. Students are required to meet with an academic advisor prior to enrollment each semester to plan their class schedule, and students are ultimately responsible for completing all degree requirements.

Course	Title	Hours
<b>Freshman</b>		
<b>Fall</b>		
GRMN 1713	Elementary German I	3
General Education courses		13
<b>Hours</b>		<b>16</b>
<b>Spring</b>		
GRMN 1813	Elementary German II	3
General Education courses		11
<b>Hours</b>		<b>14</b>
<b>Sophomore</b>		
<b>Fall</b>		
GRMN 2713	Reading and Conversation I (I)	3
GRMN 2723	Intermediate Grammar and Composition I	3
General Education courses		9
<b>Hours</b>		<b>15</b>
<b>Spring</b>		
GRMN 2813	Reading and Conversation II	3
GRMN 2823	Intermediate Grammar and Composition II (I)	3
College and Elective courses		9
<b>Hours</b>		<b>15</b>
<b>Junior</b>		
<b>Fall</b>		
GRMN 3803	Advanced Conversation	3
GRMN 4333	Backgrounds of Modern German Civilization	3
Major, College, and Elective courses		9
<b>Hours</b>		<b>15</b>
<b>Spring</b>		
Major, College, and Elective courses		15
<b>Hours</b>		<b>15</b>
<b>Senior</b>		
<b>Fall</b>		
GRMN 3813	Advanced Grammar and Composition	3
Major, College, and Elective courses		12
<b>Hours</b>		<b>15</b>
<b>Spring</b>		
Major, College, and Elective courses		15
<b>Hours</b>		<b>15</b>
<b>Total Hours</b>		<b>120</b>

## German: Pre-Law, BA

### Degree Requirements

**Requirements for Students Matriculating in or before Academic Year 2022-2023.** Learn more about University Academic Regulation 3.1 (p. 943).

**Minimum Overall Grade Point Average:** 2.00

**Total Hours:** 120

Code	Title	Hours
<b>General Education Requirements</b>		
<i>English Composition</i>		
See Academic Regulation 3.5 (p. 944)		
ENGL 1113	Composition I	3
or ENGL 1313	Critical Analysis and Writing I	
Select one of the following:		3
ENGL 1213	Composition II	
ENGL 1413	Critical Analysis and Writing II	
ENGL 3323	Technical Writing	
<i>American History &amp; Government</i>		
HIST 1103	Survey of American History	3
or HIST 1483	American History to 1865 (H)	
or HIST 1493	American History Since 1865 (DH)	
POLS 1113	American Government	3
<i>Analytical &amp; Quantitative Thought (A)</i>		
MATH or STAT course designated (A)		3
PHIL 1313	Logic and Critical Thinking (A)	3
<i>Humanities (H)</i>		
Courses designated (H)		6
<i>Natural Sciences (N)</i>		
Must include one Laboratory Science (L) course		
Course designated (N)		6
<i>Social &amp; Behavioral Sciences (S)</i>		
Course designated (S)		3
<i>Additional General Education</i>		
Courses designated (A), (H), (N), or (S)		7
<b>Hours Subtotal</b>		<b>40</b>
<b>Diversity (D) &amp; International Dimension (I)</b>		
May be completed in any part of the degree plan		
Select at least one Diversity (D) course		
Select at least one International Dimension (I) course		
<b>College/Departmental Requirements</b>		
<i>First Year Seminar</i>		
(Transfer students with 15 hours exempt)		1
<i>Arts &amp; Humanities</i>		
See note 2.a.		9
<i>Natural &amp; Mathematical Sciences</i>		
See note 2.b.		3
<i>Foreign Language</i>		
GRMN 1713	Elementary German I	3
GRMN 1813	Elementary German II	3
GRMN 2713	Reading and Conversation I (I)	3

#### *Non-Western Studies*

Select at least one course

See note 2.d.

#### *Upper-Division General Education*

Select 6 hours outside major department

See note 2.c.

**Hours Subtotal** **22**

#### **Major Requirements**

Minimum GPA 2.50 in upper-division German courses with minimum grade of "C" in each course

GRMN 2723	Intermediate Grammar and Composition I	3
GRMN 2813	Reading and Conversation II	3
GRMN 2823	Intermediate Grammar and Composition II (I)	3
GRMN 3803	Advanced Conversation	3
GRMN 3813	Advanced Grammar and Composition	3
GRMN 4333	Backgrounds of Modern German Civilization	3
or GRMN 4343	Modern Germany	

Select 12 or more hours of German of the following. At least six hours must be literature courses: <sup>1</sup> **12**

GRMN 3343	German for Professional Purposes	
GRMN 3463	Advanced Diction and Phonetics	
GRMN 3501	Orientation to Internship Abroad	
GRMN 3502	Internship Abroad	
GRMN 4153	Survey of German Literature I <sup>1</sup>	
GRMN 4163	Survey of German Literature II <sup>1</sup>	
GRMN 4513	The Age of Goethe <sup>1</sup>	
GRMN 4523	19th Century German Literature <sup>1</sup>	
GRMN 4543	Contemporary German Literature <sup>1</sup>	
GRMN 4550	Studies in German (1-9 hours)	
LL 3500	Specialized Study in a Modern Language (1-20 hours)	
LL 4000	Specialized Studies in Languages and Literatures (1-9 hours)	

Select 9 hours from the following or accredited doctoral law courses. **9**

AMIS 4013	American Indian Sovereignty (D)	
ECON 3313	Money and Banking	
ECON 3423	Public Finance	
ENGL 3223	Professional Writing Theory	
ENGL 3323	Technical Writing	
PHIL 3003	Symbolic Logic (A)	
PHIL 3413	Ethical Theory (H)	
PHIL 3843	Philosophy of Law (H)	
POLS 3033	International Law	
POLS 3453	U.S. Congress	
POLS 3493	Public Policy	
POLS 3613	State and Local Government	
POLS 4353	Administrative Law	
POLS 4363	Environmental Law And Policy	
POLS 4963	U.S. Constitution: Civil Rights and Civil Liberties	

POLS 4973	U.S. Constitution: Separation of Powers	
SOC 4313	Sociology of Law	
SPCH 3733	Elements of Persuasion (S)	
<b>Hours Subtotal</b>		<b>39</b>
<b>Electives</b>		
Select 19 hours		19
May need to include 6 hours upper-division general education outside major department (see note 2.c.) and 12 additional upper-division hours		
<b>Hours Subtotal</b>		<b>19</b>
<b>Total Hours</b>		<b>120</b>

1

At least 6 hours must be from literature courses marked with a <sup>1</sup>.

## Other Requirements

- See the College of Arts and Sciences Requirements.
- **Upper-Division Credit:** Total hours must include at least 40 hours in courses numbered 3000 or above.
- **Hours in One Department:** For B.A. and B.S. degrees, no more than 54 hours in one department may be applied to degree requirements.

## College of Arts and Sciences Requirements

### 1. General Education Requirements

No more than two courses (or eight hours) from the major department (<http://catalog.okstate.edu/college-arts-sciences-major-departments/>) may be used to meet General Education and College and Departmental Requirements. The General Education required English Composition, required U.S. History, required American Government, one required MATH or STAT course, and required foreign language for B.A. degrees do not count against the two-course maximum.

### 2. A&S College/Departmental Requirements

- Arts and Humanities are defined as any course carrying an (H) designation or courses from AMST, ART, DANC, ENGL (except ENGL 3323 Technical Writing) HIST, MUSI, PHIL (except PHIL 1313 Logic and Critical Thinking (A), PHIL 3003 Symbolic Logic (A) and PHIL 4003 Mathematical Logic and Computability), REL, TH, and foreign languages.
- Natural and Mathematical Sciences are defined as any course from the following prefixes: ASTR, BIOC, BIOL, CHEM, CS (except CS 4883 Social Issues in Computing), GEOL, MATH, MICR, PBIO, PHYS, and STAT; or courses from other departments that carry an (A) or (N) general education designation.
- The required six hours of upper-division General Education may not include courses from the student's major department. This requirement may be satisfied by courses also used to satisfy any part of a student's degree program (i.e., in General Education, College Departmental Requirements, Major Requirements or Electives).
- Non-Western Studies Requirement for B.A. and B.F.A.; One 3-hour course in Non-Western Studies (N.W.). This requirement may be satisfied by courses also used to satisfy any part of a student's degree program (i.e., in General Education, College Departmental Requirements, Major Requirements or Electives).

- The College of Arts & Sciences requires a minimum 2.0 GPA in all major requirements and a minimum 2.0 GPA in all major-prefix courses applied to the degree.

### 3. Foreign Language Proficiency

- The foreign language requirement for the B.A. may be satisfied by 9 hours college credit in the same language, which must include 3 hours at the 2000-level, or equivalent proficiency (e.g., passing an advanced standing examination; TOEFL exam; presenting a high school transcript which demonstrates the high school was primarily conducted in a language other than English; etc.). Computer Science courses may not be used to satisfy this requirement. Currently Arabic and Mvskoke are not offered at the 2000-level at OSU.
- The foreign language requirement for the B.S., B.M. and B.F.A. may be satisfied by presenting a high school transcript which demonstrates two years of study of a single foreign language (passing grades at second-year level of study). It may also be satisfied by 6 hours college credit in the same language, which must include language courses 1713 and 1813, or equivalent proficiency (e.g., passing an advanced standing examination; TOEFL exam; presenting a high school transcript which demonstrates the high school was primarily conducted in a language other than English; etc.). Computer Science courses may not be used to satisfy this requirement.
- In addition to a. and b., students pursuing teacher certification must meet novice-high foreign language proficiency by presenting a high school transcript which demonstrates two years of study of a single foreign language with no grade below B. Or, students may complete 3 hours college credit in a single language with no grade below C (or pass an advanced standing examination, College Level Examination Program (CLEP) exam, or Oral Proficiency Interview developed by the American Council on the Teaching of Foreign Languages, equivalent to 3 hours of college credit.) Or, students may meet the requirement by transfer of documentation of meeting the foreign language competency from one of the teacher education programs in the State of Oklahoma approved by the Oklahoma State Regents for Higher Education.

### 4. Exclusions

- Courses used to satisfy the General Education English Composition, U.S. History, American Government, and Mathematics or Statistics requirements will not count toward the 54-hour maximum allowed from one department.
- Courses with ATHL or LEIS prefixes and leisure activity courses may not be used for degree credit.

## Additional State/OSU Requirements

- At least: 60 hours at a four-year institution; 30 hours completed at OSU; 15 of the final 30 or 50% of the upper-division hours in the major field completed at OSU.
- Limit of: one-half of major course requirements as transfer work; one-fourth of hours earned by correspondence; 8 transfer correspondence hours.
- Students will be held responsible for degree requirements in effect at the time of matriculation and any changes that are made, so long as these changes do not result in semester credit hours being added or do not delay graduation.
- Degrees that follow this plan must be completed by the end of Summer 2028.

# Example Plan of Study

## Finish in Four Plan of Study

The plan below is an **example** of how students can successfully complete degree requirements in four years. This suggested class schedule plan may be used as a guide and can be adjusted based on individual needs. Students are required to meet with an academic advisor prior to enrollment each semester to plan their class schedule, and students are ultimately responsible for completing all degree requirements.

Course	Title	Hours
<b>Freshman</b>		
<b>Fall</b>		
GRMN 1713	Elementary German I	3
General Education courses		13
<b>Hours</b>		<b>16</b>
<b>Spring</b>		
GRMN 1813	Elementary German II	3
General Education courses		11
<b>Hours</b>		<b>14</b>
<b>Sophomore</b>		
<b>Fall</b>		
GRMN 2713	Reading and Conversation I (I)	3
GRMN 2723	Intermediate Grammar and Composition I	3
PHIL 1313	Logic and Critical Thinking (A)	3
General Education courses		6
<b>Hours</b>		<b>15</b>
<b>Spring</b>		
GRMN 2813	Reading and Conversation II	3
GRMN 2823	Intermediate Grammar and Composition II (I)	3
College and Elective courses		9
<b>Hours</b>		<b>15</b>
<b>Junior</b>		
<b>Fall</b>		
GRMN 3803	Advanced Conversation	3
GRMN 4333	Backgrounds of Modern German Civilization	3
Major, College, and Elective courses		9
<b>Hours</b>		<b>15</b>
<b>Spring</b>		
Major, College, and Elective courses		15
<b>Hours</b>		<b>15</b>
<b>Senior</b>		
<b>Fall</b>		
GRMN 3813	Advanced Grammar and Composition	3
Major, College, and Elective courses		12
<b>Hours</b>		<b>15</b>
<b>Spring</b>		
Major, College, and Elective courses		15
<b>Hours</b>		<b>15</b>
<b>Total Hours</b>		<b>120</b>

## Greek (GREK), Minor

**Requirements for Students Matriculating in or before Academic Year 2022-2023.** Learn more about University Academic Regulation 3.1 (p. 943).

Anthony Valentine, 213 LSE, 405-744-5658

**Minimum Overall Grade Point Average:** 2.50

**Total Hours:** 21

The completion of all lower-division coursework or equivalent proficiency in same language to be followed by:

Code	Title	Hours
<b>Language Sequence Requirements</b>		
GREK 1713	Elementary Classical Greek I	3
GREK 1813	Elementary Classical Greek II	3
GREK 2713	Elementary Classical Greek III	3
GREK 2813	Intermediate Readings	3
<b>Upper-Level Requirements</b>		
Nine hours from:		9
GREK 3330	Advanced Readings	
<b>Total Hours</b>		<b>21</b>

## Other Requirements

- No grade below "C" in all upper-division courses

## Additional OSU Requirements

### Undergraduate Minors

- An undergraduate minor must include between fifteen and thirty hours, inclusive of undergraduate coursework.
- A minimum of six credit hours for the minor must be earned in residence at OSU.
- The courses required for a minor may be included in the course requirements for any undergraduate degree or they may be in addition to degree requirements, depending on the overlap between the minor and degree requirements. However, an undergraduate minor must be earned in an academic field other than the student's declared degree option. The minor may not duplicate the degree major or option (for example, a student who earns a BA in Art with an Art History option may earn a minor in Studio Art but not Art History).
- A student generally follows the minor requirements associated with his or her matriculation year or newer requirements that have been established since matriculation. The time limit for following requirements from a given academic year is six years.

For additional information on requirements on minors, click here (<https://adminfinance.okstate.edu/site-files/documents/policies/requirements-for-undergraduate-and-graduate-minors.pdf>).



## Japanese (JPN), Minor

**Requirements for Students Matriculating in or before Academic Year 2022-2023.** Learn more about University Academic Regulation 3.1 (p. 943).

Anthony Valentine, 213 LSE, 405-744-5658

**Minimum Overall Grade Point Average:** 2.50

**Total Hours:** 18

The completion of all lower-division coursework or equivalent proficiency in same language to be followed by:

Code	Title	Hours
<b>Language Sequence Requirements</b>		
JAPN 1713	Elementary Japanese I	3
JAPN 1813	Elementary Japanese II	3
JAPN 2713	Intermediate Japanese I	3
JAPN 2813	Intermediate Japanese II	3
<b>Upper-Level Requirements</b>		
JAPN 3723	Advanced Readings in Japanese	3
JAPN 3823	Advanced Japanese II	3
<b>Total Hours</b>		<b>18</b>

## Other Requirements

- No grade below "C" in all upper-division courses

## Additional OSU Requirements

### Undergraduate Minors

- An undergraduate minor must include between fifteen and thirty hours, inclusive of undergraduate coursework.
- A minimum of six credit hours for the minor must be earned in residence at OSU.
- The courses required for a minor may be included in the course requirements for any undergraduate degree or they may be in addition to degree requirements, depending on the overlap between the minor and degree requirements. However, an undergraduate minor must be earned in an academic field other than the student's declared degree option. The minor may not duplicate the degree major or option (for example, a student who earns a BA in Art with an Art History option may earn a minor in Studio Art but not Art History).
- A student generally follows the minor requirements associated with his or her matriculation year or newer requirements that have been established since matriculation. The time limit for following requirements from a given academic year is six years.

For additional information on requirements on minors, click here (<https://adminfinance.okstate.edu/site-files/documents/policies/requirements-for-undergraduate-and-graduate-minors.pdf>).

## Latin (LATN), Minor

**Requirements for Students Matriculating in or before Academic Year 2022-2023.** Learn more about University Academic Regulation 3.1 (p. 943).

Anthony Valentine, 213 LSE, 405-744-5658

**Minimum Overall Grade Point Average:** 2.50

**Total Hours:** 21

The completion of all lower-division coursework or equivalent proficiency in same language to be followed by:

Code	Title	Hours
<b>Language Sequence Requirements</b>		
LATN 1713	Elementary Latin I	3
LATN 1813	Elementary Latin II	3
LATN 2713	Elementary Latin III	3
LATN 2813	Intermediate Readings	3
<b>Upper-Level Requirements</b>		
Select nine hours from the following:		9
LATN 3123	Classical Mythology (H)	
LATN 3223	Love and Hate in Greece and Rome (H)	
LATN 3330	Advanced Readings in Latin	
LATN 4113	Latin Literature in Translation (H)	
<b>Total Hours</b>		<b>21</b>

## Other Requirements

- No grade below "C" in all upper-division courses

## Additional OSU Requirements

### Undergraduate Minors

- An undergraduate minor must include between fifteen and thirty hours, inclusive of undergraduate coursework.
- A minimum of six credit hours for the minor must be earned in residence at OSU.
- The courses required for a minor may be included in the course requirements for any undergraduate degree or they may be in addition to degree requirements, depending on the overlap between the minor and degree requirements. However, an undergraduate minor must be earned in an academic field other than the student's declared degree option. The minor may not duplicate the degree major or option (for example, a student who earns a BA in Art with an Art History option may earn a minor in Studio Art but not Art History).
- A student generally follows the minor requirements associated with his or her matriculation year or newer requirements that have been established since matriculation. The time limit for following requirements from a given academic year is six years.

For additional information on requirements on minors, click here (<https://adminfinance.okstate.edu/site-files/documents/policies/requirements-for-undergraduate-and-graduate-minors.pdf>).

## Professional Chinese (PRCH), Minor

**Requirements for Students Matriculating in or before Academic Year 2022-2023.** Learn more about University Academic Regulation 3.1 (p. 943).

Anthony Valentine, 213 LSE, 405-744-5658

**Minimum Grade Point Average in Minor Coursework:** 2.50 with no grade below "C" in all upper-division courses

Code	Title	Hours
<b>Minor Requirements</b>		
A minimum number of credit hours of lower-division language coursework is required to prepare for advanced language. Please see advisor for details.		6-9
CHIN 3343		3
Select two additional courses from upper-division CHIN		6
CHIN 3713	Chinese Culture (I)	
CHIN 3813	Chinese Literature in Translation	
CHIN 4713	Advanced Readings in Chinese	
or CHIN 4813	Advanced Chinese Conversation	
<b>Total Hours</b>		<b>15</b>

## Additional OSU Requirements

### Undergraduate Minors

- An undergraduate minor must include between fifteen and thirty hours, inclusive of undergraduate coursework.
- A minimum of six credit hours for the minor must be earned in residence at OSU.
- The courses required for a minor may be included in the course requirements for any undergraduate degree or they may be in addition to degree requirements, depending on the overlap between the minor and degree requirements. However, an undergraduate minor must be earned in an academic field other than the student's declared degree option. The minor may not duplicate the degree major or option (for example, a student who earns a BA in Art with an Art History option may earn a minor in Studio Art but not Art History).
- A student generally follows the minor requirements associated with his or her matriculation year or newer requirements that have been established since matriculation. The time limit for following requirements from a given academic year is six years.

For additional information on requirements on minors, click here (<https://adminfinance.okstate.edu/site-files/documents/policies/requirements-for-undergraduate-and-graduate-minors.pdf>).

## Professional Spanish, Undergraduate Certificate

### Requirements for Students Matriculating in or before Academic Year

2022-2023. Learn more about University Academic Regulation 3.1 (p. 943).

**Total Hours:** 24

Code	Title	Hours
<b>Lower-Division Requirements</b>		
Select 12 hours from the following (may be satisfied through placement):		12
SPAN 1713	Elementary Spanish I	
SPAN 1813	Elementary Spanish II	
SPAN 2713	Intermediate Spanish	
SPAN 2723	Intermediate Hispanic Culture and Media	
SPAN 2813	Intermediate Reading and Conversation	
SPAN 2823	Intermediate Composition and Grammar	
<b>Upper-Division Courses</b>		
<i>Required Courses:</i>		
SPAN 3343	Business Spanish	3
SPAN 4323	Spanish Peninsular Civilization	3
or SPAN 4333	Latin American Civilization	
<i>Electives</i>		
Select 6 hours from the following:		6
SPAN 3053	Introduction to Hispanic Literary Studies	
SPAN 3163	Survey of Peninsular Literature I	
SPAN 3173	Survey of Peninsular Literature II	
SPAN 3183	Latin American Survey I	
SPAN 3193	Latin American Survey II	
SPAN 3203	Advanced Conversation	
SPAN 3213	Advanced Grammar and Composition	
SPAN 3403	Introduction to Hispanic Linguistics	
SPAN 3463	Spanish Phonetics and Phonology	
SPAN 4123	Hispanic Poetry	
SPAN 4133	Hispanic Prose	
SPAN 4163	Don Quijote	
SPAN 4173	Hispanic Drama	
SPAN 4183	Spain and Islam	
SPAN 4193	Hispanic Film	
SPAN 4223	Contemporary Hispanic Literature	
SPAN 4253	Masterpieces of Hispanic Literature I	
SPAN 4263	Masterpieces of Hispanic Literature II	
SPAN 4413	Advanced Stylistics	
SPAN 4443	History of the Spanish Language	
SPAN 4463	Sociolinguistics of the Spanish-Speaking World	
SPAN 4550	Seminar in Spanish	
<b>Total Hours</b>		<b>24</b>

## Russian (RUSS), Minor

**Requirements for Students Matriculating in or before Academic Year 2022-2023.** Learn more about University Academic Regulation 3.1 (p. 943).

Anthony Valentine, 213 LSE, 405-744-5658

**Minimum Overall Grade Point Average:** 2.50

**Total Hours:** 18

The completion of all lower-division coursework or equivalent proficiency in same language to be followed by:

Code	Title	Hours
<b>Language Sequence Requirements</b>		
RUSS 1713	Elementary Russian I	3
RUSS 1813	Elementary Russian II	3
RUSS 2713	Intermediate Russian I	3
RUSS 2813	Intermediate Russian II	3
<i>Upper-Level Requirements</i>		
Select two courses from the following:		6
RUSS 3003	The Soviet Union: History, Society and Culture (IS)	
RUSS 3053	Introduction to Central Asian Studies (IS)	
RUSS 3113	Russian Conversation	
RUSS 3123	Understanding Russia (H)	
RUSS 3223	Russian Composition	
RUSS 4013	Survey of Russian Literature I	
RUSS 4023	Survey of Russian Literature II	
RUSS 4113	Russian Literature in Translation I (H)	
RUSS 4123	Russian Literature in Translation II	
RUSS 4223	Russian Reading Skills	
<b>Total Hours</b>		<b>18</b>

## Other Requirements

- No grade below "C" in all upper-division courses

## Additional OSU Requirements

### Undergraduate Minors

- An undergraduate minor must include between fifteen and thirty hours, inclusive of undergraduate coursework.
- A minimum of six credit hours for the minor must be earned in residence at OSU.
- The courses required for a minor may be included in the course requirements for any undergraduate degree or they may be in addition to degree requirements, depending on the overlap between the minor and degree requirements. However, an undergraduate minor must be earned in an academic field other than the student's declared degree option. The minor may not duplicate the degree major or option (for example, a student who earns a BA in Art with an Art History option may earn a minor in Studio Art but not Art History).
- A student generally follows the minor requirements associated with his or her matriculation year or newer requirements that have been established since matriculation. The time limit for following requirements from a given academic year is six years.

For additional information on requirements on minors, click here (<https://adminfinance.okstate.edu/site-files/documents/policies/requirements-for-undergraduate-and-graduate-minors.pdf>).

## Spanish (SPAN), Minor

**Requirements for Students Matriculating in or before Academic Year 2022-2023.** Learn more about University Academic Regulation 3.1 (p. 943).

Anthony Valentine, 213 LSE, 405-744-5658

**Minimum Overall Grade Point Average:** 2.50

**Total Hours:** 24

The completion of all lower-division coursework or its equivalent in same language to be followed by:

Code	Title	Hours
<b>Language Sequence Requirements</b>		
SPAN 1713	Elementary Spanish I	3
SPAN 1813	Elementary Spanish II	3
SPAN 2713	Intermediate Spanish	3
SPAN 2723	Intermediate Hispanic Culture and Media	3
SPAN 2813	Intermediate Reading and Conversation	3
SPAN 2823	Intermediate Composition and Grammar	3
<b>Upper-Level Requirements</b>		
Selet six hours from the following:		6
SPAN 3053	Introduction to Hispanic Literary Studies	
SPAN 3163	Survey of Peninsular Literature I	
SPAN 3173	Survey of Peninsular Literature II	
SPAN 3183	Latin American Survey I	
SPAN 3193	Latin American Survey II	
SPAN 3203	Advanced Conversation	
SPAN 3213	Advanced Grammar and Composition	
SPAN 3343	Business Spanish	
SPAN 3363	Spanish for Healthcare Professionals	
SPAN 3403	Introduction to Hispanic Linguistics	
SPAN 3463	Spanish Phonetics and Phonology	
SPAN 4123	Hispanic Poetry	
SPAN 4133	Hispanic Prose	
SPAN 4143	Short Novels in Hispanic Literature	
SPAN 4163	Don Quijote	
SPAN 4173	Hispanic Drama	
SPAN 4183	Spain and Islam	
SPAN 4193	Hispanic Film	
SPAN 4203	Hispanic Music	
SPAN 4213	Short Stories in Hispanic Literature	
SPAN 4223	Contemporary Hispanic Literature	
SPAN 4253	Masterpieces of Hispanic Literature I	
SPAN 4263	Masterpieces of Hispanic Literature II	
SPAN 4323	Spanish Peninsular Civilization	
SPAN 4333	Latin American Civilization	
SPAN 4413	Advanced Stylistics	
SPAN 4443	History of the Spanish Language	
SPAN 4463	Sociolinguistics of the Spanish-Speaking World	
SPAN 4550	Seminar in Spanish	

## Other Requirements

- No grade below "C" in all upper-division courses

## Additional OSU Requirements Undergraduate Minors

- An undergraduate minor must include between fifteen and thirty hours, inclusive of undergraduate coursework.
- A minimum of six credit hours for the minor must be earned in residence at OSU.
- The courses required for a minor may be included in the course requirements for any undergraduate degree or they may be in addition to degree requirements, depending on the overlap between the minor and degree requirements. However, an undergraduate minor must be earned in an academic field other than the student's declared degree option. The minor may not duplicate the degree major or option (for example, a student who earns a BA in Art with an Art History option may earn a minor in Studio Art but not Art History).
- A student generally follows the minor requirements associated with his or her matriculation year or newer requirements that have been established since matriculation. The time limit for following requirements from a given academic year is six years.

For additional information on requirements on minors, click here (<https://adminfinance.okstate.edu/site-files/documents/policies/requirements-for-undergraduate-and-graduate-minors.pdf>).



# Spanish, BA

## Degree Requirements

**Requirements for Students Matriculating in or before Academic Year 2022-2023.** Learn more about University Academic Regulation 3.1 (p. 943).

**Minimum Overall Grade Point Average:** 2.00

**Total Hours:** 120

Code	Title	Hours
<b>General Education Requirements</b>		
<i>English Composition</i>		
See Academic Regulation 3.5 (p. 944)		
ENGL 1113	Composition I	3
or ENGL 1313	Critical Analysis and Writing I	
Select one of the following:		3
ENGL 1213	Composition II	
ENGL 1413	Critical Analysis and Writing II	
ENGL 3323	Technical Writing	
<i>American History &amp; Government</i>		
HIST 1103	Survey of American History	3
or HIST 1483	American History to 1865 (H)	
or HIST 1493	American History Since 1865 (DH)	
POLS 1113	American Government	3
<i>Analytical &amp; Quantitative Thought (A)</i>		
MATH or STAT course designated (A)		3
<i>Humanities (H)</i>		
Courses designated (H)		6
<i>Natural Sciences (N)</i>		
Must include one Laboratory Science (L) course		
Course designated (N)		6
<i>Social &amp; Behavioral Sciences (S)</i>		
Course designated (S)		3
<i>Additional General Education</i>		
Courses designated (A), (H), (N), or (S)		10
<b>Hours Subtotal</b>		<b>40</b>
<b>Diversity (D) &amp; International Dimension (I)</b>		
May be completed in any part of the degree plan		
Select at least one Diversity (D) course		
Select at least one International Dimension (I) course		
<b>College/Departmental Requirements</b>		
<i>First Year Seminar</i>		
(Transfer students with 15 hours exempt)		1
<i>Arts &amp; Humanities</i>		
See note 2.a.		9
<i>Natural &amp; Mathematical Sciences</i>		
See note 2.b.		3
<i>Foreign Language</i>		
SPAN 1713	Elementary Spanish I	3
SPAN 1813	Elementary Spanish II	3
SPAN 2713	Intermediate Spanish	3
<i>Non-Western Studies</i>		

Select at least one course

See note 2.d.

*Upper-Division General Education*

Select 6 hours outside major department

See note 2.c.

**Hours Subtotal** **22**

**Major Requirements**

Minimum GPA 2.50 in upper-division Spanish courses with a minimum grade of "C" in each course

SPAN 2723	Intermediate Hispanic Culture and Media	3
SPAN 2813	Intermediate Reading and Conversation	3
SPAN 2823	Intermediate Composition and Grammar	3
SPAN 3213	Advanced Grammar and Composition	3
SPAN 4323	Spanish Peninsular Civilization	3
or SPAN 4333	Latin American Civilization	
Select 3 hours of the following:		3
SPAN 3163	Survey of Peninsular Literature I	
SPAN 3173	Survey of Peninsular Literature II	
SPAN 3183	Latin American Survey I	
SPAN 3193	Latin American Survey II	
Select 12 or more hours of Spanish of the following. At least six hours must be literature courses: <sup>1</sup>		12
SPAN 3053	Introduction to Hispanic Literary Studies <sup>1</sup>	
SPAN 3203	Advanced Conversation	
SPAN 3343	Business Spanish	
SPAN 3403	Introduction to Hispanic Linguistics	
SPAN 3463	Spanish Phonetics and Phonology	
SPAN 4123	Hispanic Poetry <sup>1</sup>	
SPAN 4133	Hispanic Prose <sup>1</sup>	
SPAN 4143	Short Novels in Hispanic Literature <sup>1</sup>	
SPAN 4163	Don Quijote <sup>1</sup>	
SPAN 4173	Hispanic Drama <sup>1</sup>	
SPAN 4183	Spain and Islam <sup>1</sup>	
SPAN 4193	Hispanic Film <sup>1</sup>	
SPAN 4203	Hispanic Music <sup>1</sup>	
SPAN 4213	Short Stories in Hispanic Literature <sup>1</sup>	
SPAN 4223	Contemporary Hispanic Literature <sup>1</sup>	
SPAN 4253	Masterpieces of Hispanic Literature I <sup>1</sup>	
SPAN 4263	Masterpieces of Hispanic Literature II <sup>1</sup>	
SPAN 4413	Advanced Stylistics	
SPAN 4443	History of the Spanish Language	
SPAN 4463	Sociolinguistics of the Spanish-Speaking World	
SPAN 4550	Seminar in Spanish (1-9 hours)	
SPAN 5110	Advanced Hispanic Studies (1-9 hours)	
LL 3500	Specialized Study in a Modern Language	
LL 4000	Specialized Studies in Languages and Literatures	
LL 5210	Graduate Studies in Languages	
May include up to 3 hours from Courses in Translation		
SPAN 3613 - Race and Culture in Latin America		
SPAN 3623 - Don Quixote in English		
Select 10 upper-division hours to reach 40 hours.		10

<b>Hours Subtotal</b>	<b>40</b>
<b>Electives</b>	
Select 18 hours	18
May need to include 6 hours upper-division general education outside major department (see note 2.c.) and 12 additional upper-division hours	
<b>Hours Subtotal</b>	<b>18</b>
<b>Total Hours</b>	<b>120</b>

1

At least 6 hours must be from literature courses marked with a <sup>1</sup>.

## Other Requirements

- See the College of Arts and Sciences Requirements.
- **Upper-Division Credit:** Total hours must include at least 40 hours in courses numbered 3000 or above.
- **Hours in One Department:** For B.A. and B.S. degrees, no more than 54 hours in one department may be applied to degree requirements.

## College of Arts and Sciences Requirements

### 1. General Education Requirements

No more than two courses (or eight hours) from the major department (<http://catalog.okstate.edu/college-arts-sciences-major-departments/>) may be used to meet General Education and College and Departmental Requirements. The General Education required English Composition, required U.S. History, required American Government, one required MATH or STAT course, and required foreign language for B.A. degrees do not count against the two-course maximum.

### 2. A&S College/Departmental Requirements

- Arts and Humanities are defined as any course carrying an (H) designation or courses from AMST, ART, DANC, ENGL (except ENGL 3323 Technical Writing) HIST, MUSI, PHIL (except PHIL 1313 Logic and Critical Thinking (A), PHIL 3003 Symbolic Logic (A) and PHIL 4003 Mathematical Logic and Computability), REL, TH, and foreign languages.
- Natural and Mathematical Sciences are defined as any course from the following prefixes: ASTR, BIOC, BIOL, CHEM, CS (except CS 4883 Social Issues in Computing), GEOL, MATH, MICR, PBIO, PHYS, and STAT; or courses from other departments that carry an (A) or (N) general education designation.
- The required six hours of upper-division General Education may not include courses from the student's major department. This requirement may be satisfied by courses also used to satisfy any part of a student's degree program (i.e., in General Education, College Departmental Requirements, Major Requirements or Electives).
- Non-Western Studies Requirement for B.A. and B.F.A.; One 3-hour course in Non-Western Studies (N.W.). This requirement may be satisfied by courses also used to satisfy any part of a student's degree program (i.e., in General Education, College Departmental Requirements, Major Requirements or Electives).
- The College of Arts & Sciences requires a minimum 2.0 GPA in all major requirements and a minimum 2.0 GPA in all major-prefix courses applied to the degree.

### 3. Foreign Language Proficiency

- The foreign language requirement for the B.A. may be satisfied by 9 hours college credit in the same language, which must include 3 hours at the 2000-level, or equivalent proficiency (e.g., passing an advanced standing examination; TOEFL exam; presenting a high school transcript which demonstrates the high school was primarily conducted in a language other than English; etc.). Computer Science courses may not be used to satisfy this requirement. Currently Arabic and Mvskoke are not offered at the 2000-level at OSU.
  - The foreign language requirement for the B.S., B.M. and B.F.A. may be satisfied by presenting a high school transcript which demonstrates two years of study of a single foreign language (passing grades at second-year level of study). It may also be satisfied by 6 hours college credit in the same language, which must include language courses 1713 and 1813, or equivalent proficiency (e.g., passing an advanced standing examination; TOEFL exam; presenting a high school transcript which demonstrates the high school was primarily conducted in a language other than English; etc.). Computer Science courses may not be used to satisfy this requirement.
  - In addition to a. and b., students pursuing teacher certification must meet novice-high foreign language proficiency by presenting a high school transcript which demonstrates two years of study of a single foreign language with no grade below B. Or, students may complete 3 hours college credit in a single language with no grade below C (or pass an advanced standing examination, College Level Examination Program (CLEP) exam, or Oral Proficiency Interview developed by the American Council on the Teaching of Foreign Languages, equivalent to 3 hours of college credit.) Or, students may meet the requirement by transfer of documentation of meeting the foreign language competency from one of the teacher education programs in the State of Oklahoma approved by the Oklahoma State Regents for Higher Education.
- ### 4. Exclusions
- Courses used to satisfy the General Education English Composition, U.S. History, American Government, and Mathematics or Statistics requirements will not count toward the 54-hour maximum allowed from one department.
  - Courses with ATHL or LEIS prefixes and leisure activity courses may not be used for degree credit.

## Additional State/OSU Requirements

- At least: 60 hours at a four-year institution; 30 hours completed at OSU; 15 of the final 30 or 50% of the upper-division hours in the major field completed at OSU.
- Limit of: one-half of major course requirements as transfer work; one-fourth of hours earned by correspondence; 8 transfer correspondence hours.
- Students will be held responsible for degree requirements in effect at the time of matriculation and any changes that are made, so long as these changes do not result in semester credit hours being added or do not delay graduation.
- Degrees that follow this plan must be completed by the end of Summer 2028.

## Example Plan of Study

### Finish in Four Plan of Study

The plan below is an **example** of how students can successfully complete degree requirements in four years. This suggested class schedule plan may be used as a guide and can be adjusted based on individual needs. Students are required to meet with an academic advisor prior to enrollment each semester to plan their class schedule, and students are ultimately responsible for completing all degree requirements.

Course	Title	Hours
<b>Freshman</b>		
<b>Fall</b>		
SPAN 1713	Elementary Spanish I	3
General Education courses		11
<b>Hours</b>		<b>14</b>
<b>Spring</b>		
SPAN 1813	Elementary Spanish II	3
General Education courses		13
<b>Hours</b>		<b>16</b>
<b>Sophomore</b>		
<b>Fall</b>		
SPAN 2713	Intermediate Spanish	3
SPAN 2723	Intermediate Hispanic Culture and Media	3
General Education courses		9
<b>Hours</b>		<b>15</b>
<b>Spring</b>		
SPAN 2813	Intermediate Reading and Conversation	3
SPAN 2823	Intermediate Composition and Grammar	3
College and Elective courses		9
<b>Hours</b>		<b>15</b>
<b>Junior</b>		
<b>Fall</b>		
SPAN 3053	Introduction to Hispanic Literary Studies	3
SPAN 3213	Advanced Grammar and Composition	3
Major, College, and Elective courses		9
<b>Hours</b>		<b>15</b>
<b>Spring</b>		
SPAN 3163 or SPAN 3173 or SPAN 3183 or SPAN 3193	Survey of Peninsular Literature I or Survey of Peninsular Literature II or Latin American Survey I or Latin American Survey II	3
Major, College, and Elective courses		12
<b>Hours</b>		<b>15</b>
<b>Senior</b>		
<b>Fall</b>		
Major, College, and Elective courses		15
<b>Hours</b>		<b>15</b>
<b>Spring</b>		
SPAN 4323 or SPAN 4333	Spanish Peninsular Civilization or Latin American Civilization	3
Major, College, and Elective courses		12
<b>Hours</b>		<b>15</b>
<b>Total Hours</b>		<b>120</b>

## Spanish: Business Essentials, BA

### Degree Requirements

**Requirements for Students Matriculating in or before Academic Year 2022-2023.** Learn more about University Academic Regulation 3.1 (p. 943).

**Minimum Overall Grade Point Average:** 2.00

**Total Hours:** 120

Code	Title	Hours
<b>General Education Requirements</b>		
<i>English Composition</i>		
See Academic Regulation 3.5 (p. 944)		
ENGL 1113	Composition I	3
or ENGL 1313	Critical Analysis and Writing I	
Select one from the following:		3
ENGL 1213	Composition II	
ENGL 1413	Critical Analysis and Writing II	
ENGL 3323	Technical Writing	
<i>American History &amp; Government</i>		
HIST 1103	Survey of American History	3
or HIST 1483	American History to 1865 (H)	
or HIST 1493	American History Since 1865 (DH)	
POLS 1113	American Government	3
<i>Analytical &amp; Quantitative Thought (A)</i>		
MATH 1483	Mathematical Functions and Their Uses (A) (or higher, not MATH 1493) <sup>1</sup>	3
<i>Humanities (H)</i>		
Courses designated (H)		6
<i>Natural Sciences (N)</i>		
Must include one Laboratory Science (L) course.		
Courses designated (N)		6
<i>Social &amp; Behavioral Sciences (S)</i>		
Courses designated (S)		3
<i>Additional General Education</i>		
Courses designated (A), (H), (N), or (S)		10
<b>Hours Subtotal</b>		<b>40</b>
<b>Diversity (D) &amp; International Dimension (I)</b>		
May be completed in any part of the degree plan.		
At least one Diversity (D) course.		
At least one International Dimension (I) course.		
<b>College/Departmental Requirements</b>		
<i>First Year Seminar</i>		
(Transfer students with 15 hours exempt.)		1
<i>Arts &amp; Humanities</i>		
(See note 2.a.)		9
<i>Natural &amp; Mathematical Sciences</i>		
(See note 2.b.)		3
<i>Foreign Language</i>		
SPAN 1713	Elementary Spanish I	3
SPAN 1813	Elementary Spanish II	3
SPAN 2713	Intermediate Spanish	3

#### Non-Western Studies

At least one course. (See note 2.d.)

#### Upper-Division General Education

6 hours outside major department (See note 2.c.)

**Hours Subtotal** **22**

#### Major Requirements

Minimum GPA 2.50 in upper-division Spanish courses with a minimum grade of "C" in each course.

SPAN 2723	Intermediate Hispanic Culture and Media	3
SPAN 2813	Intermediate Reading and Conversation	3
SPAN 2823	Intermediate Composition and Grammar (or equivalent proficiency)	3
SPAN 3213	Advanced Grammar and Composition	3
SPAN 3343	Business Spanish	3
SPAN 4323	Spanish Peninsular Civilization	3
or SPAN 4333	Latin American Civilization	

**3 hours from:** **3**

SPAN 3163	Survey of Peninsular Literature I	
SPAN 3173	Survey of Peninsular Literature II	
SPAN 3183	Latin American Survey I	
SPAN 3193	Latin American Survey II	

**9 or more hours of Spanish, of which at least 6 hours must be literature courses, from:** **2**

SPAN 3053	Introduction to Hispanic Literary Studies <sup>2</sup>	
SPAN 3203	Advanced Conversation	
SPAN 3403	Introduction to Hispanic Linguistics	
SPAN 3463	Spanish Phonetics and Phonology	
SPAN 4123	Hispanic Poetry <sup>2</sup>	
SPAN 4133	Hispanic Prose <sup>2</sup>	
SPAN 4163	Don Quijote <sup>2</sup>	
SPAN 4173	Hispanic Drama <sup>2</sup>	
SPAN 4183	Spain and Islam <sup>2</sup>	
SPAN 4193	Hispanic Film <sup>2</sup>	

**SPAN 4223** Contemporary Hispanic Literature <sup>2</sup>

**SPAN 4253** Masterpieces of Hispanic Literature I <sup>2</sup>

**SPAN 4263** Masterpieces of Hispanic Literature II <sup>2</sup>

**SPAN 4413** Advanced Stylistics

**SPAN 4443** History of the Spanish Language

**SPAN 4463** Sociolinguistics of the Spanish-Speaking World

**SPAN 4550** Seminar in Spanish (1-9 hours)

**SPAN 5110** Advanced Hispanic Studies (1-9 hours)

**LL 3500** Specialized Study in a Modern Language

**LL 4000** Specialized Studies in Languages and Literatures

**LL 5210** Graduate Studies in Languages

May include up to 3 hours from Courses in Translation

**LL 3613** Race and Culture in Latin America (HI)

**LL 3623** Don Quixote in English (H)

#### Business Essentials

**ACCT 2003** Survey of Accounting **3**

**MGMT 3013** Fundamentals of Management (S) **3**

**MKTG 3213** Marketing (S) **3**

3 hours from:	3
ECON 2003	Microeconomic Principles for Business
EEE 2023	Introduction to Entrepreneurship
LSB 3213	Legal and Regulatory Environment of Business
MSIS 2103	Business Data Science Technologies

Additional hours to reach the required 42 hours may be taken from the following:

GEOG 3723	Europe (IS)
GEOG 3743	Latin America (IS)
POLS 3143	European Politics (I)
POLS 3193	Latin American Politics (IS)
HTM 3223	International Travel and Tourism (I)
LSB 4633	Legal Aspects of International Business Transactions (I)
MGMT 4613	International Management (I)
MKTG 3993	International Business (I)
MKTG 4553	International Marketing

<b>Hours Subtotal</b>	<b>42</b>
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#### Electives

16 hours of Electives	16
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May need to include 13 hours upper-division general education hours.

<b>Hours Subtotal</b>	<b>16</b>
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<b>Total Hours</b>	<b>120</b>
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1

College and Departmental Requirements that may be used to meet General Education Requirements.

2

Literature course options include SPAN 3053, SPAN 4123, SPAN 4133, SPAN 4163, SPAN 4173, SPAN 4183, SPAN 4193, SPAN 4223, SPAN 4253, and SPAN 4263.

## Other Requirements

- See the College of Arts and Sciences Requirements.
- **Upper-Division Credit:** Total hours must include at least 40 hours in courses numbered 3000 or above.
- **Hours in One Department:** For B.A. and B.S. degrees, no more than 54 hours in one department may be applied to degree requirements.

## College of Arts and Sciences Requirements

### 1. General Education Requirements

No more than two courses (or eight hours) from the major department (<http://catalog.okstate.edu/college-arts-sciences-major-departments/>) may be used to meet General Education and College and Departmental Requirements. The General Education required English Composition, required U.S. History, required American Government, one required MATH or STAT course, and required foreign language for B.A. degrees do not count against the two-course maximum.

### 2. A&S College/Departmental Requirements

- Arts and Humanities are defined as any course carrying an (H) designation or courses from AMST, ART, DANC, ENGL

(except ENGL 3323 Technical Writing) HIST, MUSI, PHIL (except PHIL 1313 Logic and Critical Thinking (A), PHIL 3003 Symbolic Logic (A) and PHIL 4003 Mathematical Logic and Computability), REL, TH, and foreign languages.

- Natural and Mathematical Sciences are defined as any course from the following prefixes: ASTR, BIOC, BIOL, CHEM, CS (except CS 4883 Social Issues in Computing), GEOL, MATH, MICR, PBIO, PHYS, and STAT; or courses from other departments that carry an (A) or (N) general education designation.
  - The required six hours of upper-division General Education may not include courses from the student's major department. This requirement may be satisfied by courses also used to satisfy any part of a student's degree program (i.e., in General Education, College Departmental Requirements, Major Requirements or Electives).
  - Non-Western Studies Requirement for B.A. and B.F.A.; One 3-hour course in Non-Western Studies (N.W.). This requirement may be satisfied by courses also used to satisfy any part of a student's degree program (i.e., in General Education, College Departmental Requirements, Major Requirements or Electives).
  - The College of Arts & Sciences requires a minimum 2.0 GPA in all major requirements and a minimum 2.0 GPA in all major-prefix courses applied to the degree.
- ### 3. Foreign Language Proficiency
- The foreign language requirement for the B.A. may be satisfied by 9 hours college credit in the same language, which must include 3 hours at the 2000-level, or equivalent proficiency (e.g., passing an advanced standing examination; TOEFL exam; presenting a high school transcript which demonstrates the high school was primarily conducted in a language other than English; etc.). Computer Science courses may not be used to satisfy this requirement. Currently Arabic and Mvskoke are not offered at the 2000-level at OSU.
  - The foreign language requirement for the B.S., B.M. and B.F.A. may be satisfied by presenting a high school transcript which demonstrates two years of study of a single foreign language (passing grades at second-year level of study). It may also be satisfied by 6 hours college credit in the same language, which must include language courses 1713 and 1813, or equivalent proficiency (e.g., passing an advanced standing examination; TOEFL exam; presenting a high school transcript which demonstrates the high school was primarily conducted in a language other than English; etc.). Computer Science courses may not be used to satisfy this requirement.
  - In addition to a. and b., students pursuing teacher certification must meet novice-high foreign language proficiency by presenting a high school transcript which demonstrates two years of study of a single foreign language with no grade below B. Or, students may complete 3 hours college credit in a single language with no grade below C (or pass an advanced standing examination, College Level Examination Program (CLEP) exam, or Oral Proficiency Interview developed by the American Council on the Teaching of Foreign Languages, equivalent to 3 hours of college credit.) Or, students may meet the requirement by transfer of documentation of meeting the foreign language competency from one of the teacher education programs in the State of Oklahoma approved by the Oklahoma State Regents for Higher Education.
- ### 4. Exclusions

- a. Courses used to satisfy the General Education English Composition, U.S. History, American Government, and Mathematics or Statistics requirements will not count toward the 54-hour maximum allowed from one department.
- b. Courses with ATHL or LEIS prefixes and leisure activity courses may not be used for degree credit.

## Additional State/OSU Requirements

- At least: 60 hours at a four-year institution; 30 hours completed at OSU; 15 of the final 30 or 50% of the upper-division hours in the major field completed at OSU.
- Limit of: one-half of major course requirements as transfer work; one-fourth of hours earned by correspondence; 8 transfer correspondence hours.
- Students will be held responsible for degree requirements in effect at the time of matriculation and any changes that are made, so long as these changes do not result in semester credit hours being added or do not delay graduation.
- Degrees that follow this plan must be completed by the end of Summer 2028.

## Example Plan of Study

### Finish in Four Plan of Study

The plan below is an **example** of how students can successfully complete degree requirements in four years. This suggested class schedule plan may be used as a guide and can be adjusted based on individual needs. Students are required to meet with an academic advisor prior to enrollment each semester to plan their class schedule, and students are ultimately responsible for completing all degree requirements.

Course	Title	Hours
<b>Freshman</b>		
<b>Fall</b>		
SPAN 1713	Elementary Spanish I	3
General Education courses		11
<b>Hours</b>		<b>14</b>
<b>Spring</b>		
SPAN 1813	Elementary Spanish II	3
General Education courses		13
<b>Hours</b>		<b>16</b>
<b>Sophomore</b>		
<b>Fall</b>		
SPAN 2713	Intermediate Spanish	3
SPAN 2723	Intermediate Hispanic Culture and Media	3
General Education courses		9
<b>Hours</b>		<b>15</b>
<b>Spring</b>		
SPAN 2813	Intermediate Reading and Conversation	3
SPAN 2823	Intermediate Composition and Grammar	3
College and Elective courses		9
<b>Hours</b>		<b>15</b>
<b>Junior</b>		
<b>Fall</b>		
SPAN 3053	Introduction to Hispanic Literary Studies	3
SPAN 3213	Advanced Grammar and Composition	3
Major, College, and Elective courses		9
<b>Hours</b>		<b>15</b>

<b>Spring</b>		
SPAN 3163	Survey of Peninsular Literature I	3
or SPAN 3173	or Survey of Peninsular Literature II	
or SPAN 3183	or Latin American Survey I	
or SPAN 3193	or Latin American Survey II	
Major, College, and Elective courses		12
<b>Hours</b>		<b>15</b>
<b>Senior</b>		
<b>Fall</b>		
Major, College, and Elective courses		15
<b>Hours</b>		<b>15</b>
<b>Spring</b>		
SPAN 4323	Spanish Peninsular Civilization	3
or SPAN 4333	or Latin American Civilization	
Major, College, and Elective courses		12
<b>Hours</b>		<b>15</b>
<b>Total Hours</b>		<b>120</b>



# Spanish: Pre-Law, BA

## Degree Requirements

**Requirements for Students Matriculating in or before Academic Year 2022-2023.** Learn more about University Academic Regulation 3.1 (p. 943).

**Minimum Overall Grade Point Average: 2.00**

**Total Hours: 120**

Code	Title	Hours
<b>General Education Requirements</b>		
<i>English Composition</i>		
See Academic Regulation 3.5 (p. 944)		
ENGL 1113	Composition I	3
or ENGL 1313	Critical Analysis and Writing I	
Select one of the following:		3
ENGL 1213	Composition II	
ENGL 1413	Critical Analysis and Writing II	
ENGL 3323	Technical Writing	
<i>American History &amp; Government</i>		
HIST 1103	Survey of American History	3
or HIST 1483	American History to 1865 (H)	
or HIST 1493	American History Since 1865 (DH)	
POLS 1113	American Government	3
<i>Analytical &amp; Quantitative Thought (A)</i>		
MATH or STAT course designated (A)		3
PHIL 1313	Logic and Critical Thinking (A)	3
<i>Humanities (H)</i>		
Courses designated (H)		6
<i>Natural Sciences (N)</i>		
Must include one Laboratory Science (L) course		
Course designated (N)		6
<i>Social &amp; Behavioral Sciences (S)</i>		
Course designated (S)		3
<i>Additional General Education</i>		
Courses designated (A), (H), (N), or (S)		7
<b>Hours Subtotal</b>		<b>40</b>
<b>Diversity (D) &amp; International Dimension (I)</b>		
May be completed in any part of the degree plan		
Select at least one Diversity (D) course		
Select at least one International Dimension (I) course		
<b>College/Departmental Requirements</b>		
<i>First Year Seminar</i>		
(Transfer students with 15 hours exempt)		1
<i>Arts &amp; Humanities</i>		
See note 2.a.		9
<i>Natural &amp; Mathematical Sciences</i>		
See note 2.b.		3
<i>Foreign Language</i>		
SPAN 1713	Elementary Spanish I	3
SPAN 1813	Elementary Spanish II	3
SPAN 2713	Intermediate Spanish	3

### Non-Western Studies

Select at least one course

See note 2.d.

### Upper-Division General Education

Select 6 hours outside major department

See note 2.c.

**Hours Subtotal** **22**

### Major Requirements

Minimum GPA 2.50 in upper-division Spanish courses with a minimum grade of "C" in each course

SPAN 2723 Intermediate Hispanic Culture and Media 3

SPAN 2813 Intermediate Reading and Conversation 3

SPAN 2823 Intermediate Composition and Grammar 3

SPAN 3213 Advanced Grammar and Composition 3

SPAN 4323 Spanish Peninsular Civilization 3

or SPAN 4333 Latin American Civilization

Select 3 hours of the following: 3

SPAN 3163 Survey of Peninsular Literature I

SPAN 3173 Survey of Peninsular Literature II

SPAN 3183 Latin American Survey I

SPAN 3193 Latin American Survey II

Select 12 or more hours of Spanish of the following. At least six hours must be literature courses: <sup>1</sup> 12

SPAN 3053 Introduction to Hispanic Literary Studies <sup>1</sup>

SPAN 3203 Advanced Conversation

SPAN 3343 Business Spanish

SPAN 3403 Introduction to Hispanic Linguistics

SPAN 3463 Spanish Phonetics and Phonology

SPAN 4123 Hispanic Poetry <sup>1</sup>

SPAN 4133 Hispanic Prose <sup>1</sup>

SPAN 4143 Short Novels in Hispanic Literature <sup>1</sup>

SPAN 4163 Don Quijote <sup>1</sup>

SPAN 4173 Hispanic Drama <sup>1</sup>

SPAN 4183 Spain and Islam <sup>1</sup>

SPAN 4193 Hispanic Film <sup>1</sup>

SPAN 4203 Hispanic Music <sup>1</sup>

SPAN 4213 Short Stories in Hispanic Literature <sup>1</sup>

SPAN 4223 Contemporary Hispanic Literature <sup>1</sup>

SPAN 4253 Masterpieces of Hispanic Literature I <sup>1</sup>

SPAN 4263 Masterpieces of Hispanic Literature II <sup>1</sup>

SPAN 4413 Advanced Stylistics

SPAN 4443 History of the Spanish Language

SPAN 4463 Sociolinguistics of the Spanish-Speaking World

SPAN 4550 Seminar in Spanish (1-9 hours)

SPAN 5110 Advanced Hispanic Studies (1-9 hours)

LL 3500 Specialized Study in a Modern Language

LL 4000 Specialized Studies in Languages and Literatures

LL 5210 Graduate Studies in Languages

May include up to 3 hours from Courses in Translation

SPAN 3613 - Race and Culture in Latin America

SPAN 3623 - Don Quixote in English

Select 9 hours from the following or accredited doctoral law courses. 9

AMIS 4013	American Indian Sovereignty (D)
ECON 3313	Money and Banking
ECON 3423	Public Finance
ENGL 3223	Professional Writing Theory
ENGL 3323	Technical Writing
PHIL 3003	Symbolic Logic (A)
PHIL 3413	Ethical Theory (H)
PHIL 3843	Philosophy of Law (H)
POLS 3033	International Law
POLS 3453	U.S. Congress
POLS 3493	Public Policy
POLS 3613	State and Local Government
POLS 4353	Administrative Law
POLS 4363	Environmental Law And Policy
POLS 4963	U.S. Constitution: Civil Rights and Civil Liberties
POLS 4973	U.S. Constitution: Separation of Powers
SOC 4313	Sociology of Law
SPCH 3733	Elements of Persuasion (S)

**Hours Subtotal** 39

#### Electives

Select 19 hours 19

May need to include 6 hours upper-division general education outside major department (see note 2.c.) and 12 additional upper-division hours

**Hours Subtotal** 19

**Total Hours** 120

1

At least 6 hours must be from literature courses marked with a <sup>1</sup>.

## Other Requirements

- See the College of Arts and Sciences Requirements.
- **Upper-Division Credit:** Total hours must include at least 40 hours in courses numbered 3000 or above.
- **Hours in One Department:** For B.A. and B.S. degrees, no more than 54 hours in one department may be applied to degree requirements.

## College of Arts and Sciences Requirements

### 1. General Education Requirements

No more than two courses (or eight hours) from the major department (<http://catalog.okstate.edu/college-arts-sciences-major-departments/>) may be used to meet General Education and College and Departmental Requirements. The General Education required English Composition, required U.S. History, required American Government, one required MATH or STAT course, and required foreign language for B.A. degrees do not count against the two-course maximum.

### 2. A&S College/Departmental Requirements

- Arts and Humanities are defined as any course carrying an (H) designation or courses from AMST, ART, DANC, ENGL (except ENGL 3323 Technical Writing) HIST, MUSI, PHIL (except

PHIL 1313 Logic and Critical Thinking (A), PHIL 3003 Symbolic Logic (A) and PHIL 4003 Mathematical Logic and Computability), REL, TH, and foreign languages.

- Natural and Mathematical Sciences are defined as any course from the following prefixes: ASTR, BIOC, BIOL, CHEM, CS (except CS 4883 Social Issues in Computing), GEOL, MATH, MICR, PBIO, PHYS, and STAT; or courses from other departments that carry an (A) or (N) general education designation.
- The required six hours of upper-division General Education may not include courses from the student's major department. This requirement may be satisfied by courses also used to satisfy any part of a student's degree program (i.e., in General Education, College Departmental Requirements, Major Requirements or Electives).
- Non-Western Studies Requirement for B.A. and B.F.A.; One 3-hour course in Non-Western Studies (N.W.). This requirement may be satisfied by courses also used to satisfy any part of a student's degree program (i.e., in General Education, College Departmental Requirements, Major Requirements or Electives).
- The College of Arts & Sciences requires a minimum 2.0 GPA in all major requirements and a minimum 2.0 GPA in all major-prefix courses applied to the degree.

### 3. Foreign Language Proficiency

- The foreign language requirement for the B.A. may be satisfied by 9 hours college credit in the same language, which must include 3 hours at the 2000-level, or equivalent proficiency (e.g., passing an advanced standing examination; TOEFL exam; presenting a high school transcript which demonstrates the high school was primarily conducted in a language other than English; etc.). Computer Science courses may not be used to satisfy this requirement. Currently Arabic and Mvskoke are not offered at the 2000-level at OSU.
- The foreign language requirement for the B.S., B.M. and B.F.A. may be satisfied by presenting a high school transcript which demonstrates two years of study of a single foreign language (passing grades at second-year level of study). It may also be satisfied by 6 hours college credit in the same language, which must include language courses 1713 and 1813, or equivalent proficiency (e.g., passing an advanced standing examination; TOEFL exam; presenting a high school transcript which demonstrates the high school was primarily conducted in a language other than English; etc.). Computer Science courses may not be used to satisfy this requirement.
- In addition to a. and b., students pursuing teacher certification must meet novice-high foreign language proficiency by presenting a high school transcript which demonstrates two years of study of a single foreign language with no grade below B. Or, students may complete 3 hours college credit in a single language with no grade below C (or pass an advanced standing examination, College Level Examination Program (CLEP) exam, or Oral Proficiency Interview developed by the American Council on the Teaching of Foreign Languages, equivalent to 3 hours of college credit.) Or, students may meet the requirement by transfer of documentation of meeting the foreign language competency from one of the teacher education programs in the State of Oklahoma approved by the Oklahoma State Regents for Higher Education.

### 4. Exclusions

- Courses used to satisfy the General Education English Composition, U.S. History, American Government, and

Mathematics or Statistics requirements will not count toward the 54-hour maximum allowed from one department.

- b. Courses with ATHL or LEIS prefixes and leisure activity courses may not be used for degree credit.

## Additional State/OSU Requirements

- At least: 60 hours at a four-year institution; 30 hours completed at OSU; 15 of the final 30 or 50% of the upper-division hours in the major field completed at OSU.
- Limit of: one-half of major course requirements as transfer work; one-fourth of hours earned by correspondence; 8 transfer correspondence hours.
- Students will be held responsible for degree requirements in effect at the time of matriculation and any changes that are made, so long as these changes do not result in semester credit hours being added or do not delay graduation.
- Degrees that follow this plan must be completed by the end of Summer 2028.

## Example Plan of Study

### Finish in Four Plan of Study

The plan below is an **example** of how students can successfully complete degree requirements in four years. This suggested class schedule plan may be used as a guide and can be adjusted based on individual needs. Students are required to meet with an academic advisor prior to enrollment each semester to plan their class schedule, and students are ultimately responsible for completing all degree requirements.

Course	Title	Hours
<b>Freshman</b>		
<b>Fall</b>		
SPAN 1713	Elementary Spanish I	3
General Education courses		11
<b>Hours</b>		<b>14</b>
<b>Spring</b>		
SPAN 1813	Elementary Spanish II	3
General Education courses		13
<b>Hours</b>		<b>16</b>
<b>Sophomore</b>		
<b>Fall</b>		
SPAN 2713	Intermediate Spanish	3
SPAN 2723	Intermediate Hispanic Culture and Media	3
PHIL 1313	Logic and Critical Thinking (A)	3
General Education courses		6
<b>Hours</b>		<b>15</b>
<b>Spring</b>		
SPAN 2813	Intermediate Reading and Conversation	3
SPAN 2823	Intermediate Composition and Grammar	3
College and Elective courses		9
<b>Hours</b>		<b>15</b>
<b>Junior</b>		
<b>Fall</b>		
SPAN 3053	Introduction to Hispanic Literary Studies	3
SPAN 3213	Advanced Grammar and Composition	3
Major, College, and Elective courses		9
<b>Hours</b>		<b>15</b>

<b>Spring</b>		
SPAN 3163	Survey of Peninsular Literature I	3
or SPAN 3173	or Survey of Peninsular Literature II	
or SPAN 3183	or Latin American Survey I	
or SPAN 3193	or Latin American Survey II	
Major, College, and Elective courses		12
<b>Hours</b>		<b>15</b>
<b>Senior</b>		
<b>Fall</b>		
Major, College, and Elective courses		15
<b>Hours</b>		<b>15</b>
<b>Spring</b>		
SPAN 4323	Spanish Peninsular Civilization	3
or SPAN 4333	or Latin American Civilization	
Major, College, and Elective courses		12
<b>Hours</b>		<b>15</b>
<b>Total Hours</b>		<b>120</b>

## Mathematics

Math is the language of science and a vital part of both cutting-edge research and daily life. Contemporary mathematics investigates such basic concepts as space and number and also the formulation and analysis of mathematical models arising from applications. Mathematics has always had close relationships to the physical sciences and engineering. As the biological, social, and management sciences have become increasingly quantitative, the mathematical sciences have moved in new directions to support these fields.

Mathematicians teach in high schools and colleges, do research and teach at universities, and apply mathematics in business, industry, and government. Outside of education, mathematicians usually work in research and analytical positions, although they have become increasingly involved in management. Firms in the aerospace, communications, computer, defense, electronics, energy, finance, and insurance industries employ many mathematicians. In such employment, a mathematician typically serves either in a consulting capacity, giving advice on mathematical problems to engineers and scientists, or as a member of a research team composed of specialists in several fields. Among the qualities that he or she should possess are breadth of interests and outlook, the ability to think abstractly, and a keen interest in problem-solving.

An undergraduate specializing in mathematics will often begin with calculus or sometimes with college algebra or preparation for calculus. All math majors take courses in differential equations, linear algebra, abstract algebra, and analysis. The student's interests and future plans determine the remainder of the field of concentration. Students are encouraged to acquire proficiency in computer programming and to take substantial work in related fields in which they have a special interest.

Undergraduate degree tracks are available to prepare students for:

1. employment in industry, business or government;
2. secondary school mathematics teaching; and,
3. graduate study in mathematics.

Students choosing secondary school teaching complete all requirements for state certification as part of this program.

Many of the more challenging positions in mathematics require study beyond a bachelor's degree. For example, university teaching requires a PhD, while teaching in a community college requires at least a master's degree and possibly a doctorate. Approximately 25 percent of the students receiving a bachelor's degree in mathematics go on to graduate work.

## Courses

### MATH 1483 Mathematical Functions and Their Uses (A)

**Prerequisites:** An acceptable placement score - see placement.okstate.edu.

**Description:** Analysis of functions and their graphs from the viewpoint of rates of change. Linear, exponential, logarithmic and other functions. Applications to the natural sciences, agriculture, business and the social sciences.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Mathematics

**General Education and other Course Attributes:** Analytical & Quant Thought

**Additional Fees:** MATH Corequisite Lab fee of \$90 applies.

### MATH 1493 Applications of Modern Mathematics (A)

**Prerequisites:** An acceptable placement score (see placement.okstate.edu).

**Description:** Introduction to contemporary applications of discrete mathematics. Topics from management science, statistics, coding and information theory, social choice and decision making, geometry and growth.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Mathematics

**General Education and other Course Attributes:** Analytical & Quant Thought

### MATH 1513 College Algebra (A)

**Prerequisites:** An acceptable placement score (see placement.okstate.edu). Two years of high school algebra recommended.

**Description:** Quadratic equations, functions and graphs, inequalities, systems of equations, exponential and logarithmic functions, theory of equations, sequences, permutations and combinations. Combined credit toward a degree for MATH 1513, MATH 1613 and MATH 1715 limited to six hours.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Mathematics

**General Education and other Course Attributes:** Analytical & Quant Thought

**Additional Fees:** MATH Corequisite Lab fee of \$90 applies.

### MATH 1583 Applied Geometry and Trigonometry (A)

**Prerequisites:** A grade of "C" or better in one of MATH 1483 or MATH 1513, or an acceptable placement score (see placement.okstate.edu).

**Description:** Geometry, trigonometry, and their applications to technology and design. Not intended for calculus-bound students.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Mathematics

**General Education and other Course Attributes:** Analytical & Quant Thought

**MATH 1613 Trigonometry (A)**

**Prerequisites:** MATH 1513 with grade of "C" or better or an acceptable placement score (see placement.okstate.edu).

**Description:** Trigonometric functions, solution of triangles and applications to physical sciences. Combined credit toward a degree for MATH 1513, MATH 1613 and MATH 1715 limited to six hours.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Mathematics

**General Education and other Course Attributes:** Analytical & Quant Thought

**MATH 1715 Precalculus (A)**

**Prerequisites:** An acceptable placement score (see http://placement.okstate.edu). One year of high school geometry and two years of high school algebra recommended.

**Description:** Includes an integrated treatment of topics from College Algebra and Trigonometry. Combined credit toward a degree for MATH 1513, MATH 1613 and MATH 1715 limited to six hours. Satisfies the six hour general education Analytical and Quantitative Thought requirement.

**Credit hours:** 5

**Contact hours:** Lecture: 5 Contact: 5

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Mathematics

**General Education and other Course Attributes:** Analytical & Quant Thought

**MATH 1813 Preparation for Calculus (A)**

**Prerequisites:** MATH 1513 with grade of "C" or better or an acceptable placement score (see placement.okstate.edu).

**Description:** A conceptual approach to the algebra and trigonometry needed for calculus. Trigonometry from the perspective of the unit circle and right triangles, behavior of trigonometric functions, and basic identities. Functions arising in calculus and the notion of an inverse function, especially in the context of trigonometric, logarithmic, and exponential functions. Rates of change and the limiting process. Combined credit toward a degree for MATH 1513, MATH 1613, and MATH 1813 limited to six hours. May not be used for degree credit with MATH 1715.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Mathematics

**General Education and other Course Attributes:** Analytical & Quant Thought

**Additional Fees:** MATH Corequisite Lab fee of \$90 applies.

**MATH 1910 Special Studies**

**Prerequisites:** Consent of instructor.

**Description:** Special subjects in mathematics. Offered for variable credit, 1-3 credit hours, maximum of 3 credit hours.

**Credit hours:** 1-3

**Contact hours:** Contact: 1-3 Other: 1-3

**Levels:** Undergraduate

**Schedule types:** Independent Study

**Department/School:** Mathematics

**MATH 2103 Business Calculus (A)**

**Prerequisites:** A grade of "C" or better in one of MATH 1483 or MATH 1513 or MATH 1715 or MATH 1813, or an acceptable placement score (see http://placement.okstate.edu).

**Description:** An introduction to calculus in the context of applications to business. Previously offered as MATH 2713.

**Credit hours:** 3

**Contact hours:** Lecture: 2 Contact: 3 Other: 1

**Levels:** Undergraduate

**Schedule types:** Discussion, Combined lecture & discussion, Lecture

**Department/School:** Mathematics

**General Education and other Course Attributes:** Analytical & Quant Thought

**MATH 2123 Calculus for Technology Programs I (A)**

**Prerequisites:** MATH 1613 with a grade of "C" or better, or MATH 1715 with a grade of "C" or better, or MATH 1813 with a grade of "C" or better, or an acceptable placement score (see placement.okstate.edu).

**Description:** First semester of a terminal sequence in calculus for students in the School of Technology. Functions and graphs, differentiation and integration with applications. Previously offered as MATH 2373.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Mathematics

**General Education and other Course Attributes:** Analytical & Quant Thought

**MATH 2133 Calculus for Technology Programs II (A)**

**Prerequisites:** A grade of "C" or better in MATH 2123 or in MATH 2144.

**Description:** Second semester of a terminal sequence in calculus for students in the School of Technology. Calculus of trigonometric, exponential and logarithmic functions and applications to physical problems. Previously offered as MATH 2383.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Mathematics

**General Education and other Course Attributes:** Analytical & Quant Thought

**MATH 2144 Calculus I (A)**

**Prerequisites:** MATH 1613 with grade of "C" or better, or MATH 1715 with grade of "C" or better, or MATH 1813 with grade of "C" or better, or an acceptable placement score (see placement.okstate.edu).

**Description:** An introduction to derivatives, integrals and their applications. Previously offered as MATH 2145 and MATH 2265.

**Credit hours:** 4

**Contact hours:** Lecture: 4 Contact: 4

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Mathematics

**General Education and other Course Attributes:** Analytical & Quant Thought

**Additional Fees:** MATH Corequisite Lab fee of \$90 applies.



**MATH 2153 Calculus II (A)****Prerequisites:** MATH 2144 with grade of "C" or better.**Description:** A continuation of MATH 2144, including techniques of integration, series and their applications, parametric equations, and polar coordinates. Previously offered as MATH 2155, MATH 2163, and MATH 2365.**Credit hours:** 3**Contact hours:** Lecture: 3 Contact: 3**Levels:** Undergraduate**Schedule types:** Lecture**Department/School:** Mathematics**General Education and other Course Attributes:** Analytical & Quant Thought**MATH 2163 Calculus III****Prerequisites:** MATH 2153 with grade of "C" or better.**Description:** A continuation of MATH 2153, including differential and integral calculus of functions of several variables and an introduction to vector analysis.**Credit hours:** 3**Contact hours:** Lecture: 3 Contact: 3**Levels:** Undergraduate**Schedule types:** Lecture**Department/School:** Mathematics**MATH 2233 Differential Equations****Prerequisites:** MATH 2153 with grade of "C" or better.**Description:** Methods of solution of ordinary differential equations with applications. First order equations, linear equations of higher order, series solutions and Laplace transforms. Combined credit toward a degree for MATH 2233, MATH 3013, and MATH 3263 limited to six hours. Previously offered as MATH 2613.**Credit hours:** 3**Contact hours:** Lecture: 3 Contact: 3**Levels:** Undergraduate**Schedule types:** Lecture**Department/School:** Mathematics**MATH 2890 Honors Experience in Math****Prerequisites:** Honors College participation and concurrent enrollment in a designated MATH course.**Description:** A supplemental Honors experience in mathematics to partner concurrently with designated MATH course(s). This course adds a different intellectual dimension to the designated course(s). Offered for fixed credit, 1 credit hour, maximum of 6 credit hours.**Credit hours:** 1**Contact hours:** Lecture: 1 Contact: 1**Levels:** Undergraduate**Schedule types:** Lecture**Department/School:** Mathematics**General Education and other Course Attributes:** Honors Credit**MATH 2900 Undergraduate Research****Prerequisites:** Consent of Instructor.**Description:** A guided program of independent reading and research under the direction of a faculty member. Offered for variable credit, 1-3 credit hours, maximum of 3 credit hours.**Credit hours:** 1-3**Contact hours:** Contact: 1-3 Other: 1-3**Levels:** Undergraduate**Schedule types:** Independent Study**Department/School:** Mathematics**MATH 2910 Special Studies****Prerequisites:** Consent of instructor.**Description:** Special subjects in mathematics. Offered for variable credit. 1-3 credit hours, maximum of 6 credit hours.**Credit hours:** 1-3**Contact hours:** Contact: 1-3 Other: 1-3**Levels:** Undergraduate**Schedule types:** Independent Study**Department/School:** Mathematics**MATH 3013 Linear Algebra (A)****Prerequisites:** MATH 2153 with a grade of "C" or better.**Description:** Algebra and geometry of finite-dimensional linear spaces, linear transformations, algebra of matrices, eigenvalues and eigenvectors. Combined credit toward a degree for MATH 2233, MATH 3013 and MATH 3263 limited to six hours.**Credit hours:** 3**Contact hours:** Lecture: 3 Contact: 3**Levels:** Undergraduate**Schedule types:** Lecture**Department/School:** Mathematics**General Education and other Course Attributes:** Analytical & Quant Thought**MATH 3263 Linear Algebra and Differential Equations****Prerequisites:** MATH 2153 with a grade of "C" or better.**Description:** An integrated treatment of linear algebra and differential equations. Combined credit toward a degree for MATH 2233, MATH 3013, and MATH 3263 limited to six hours. Previously offered as MATH 3623.**Credit hours:** 3**Contact hours:** Lecture: 3 Contact: 3**Levels:** Undergraduate**Schedule types:** Lecture**Department/School:** Mathematics**MATH 3303 Advanced Perspectives on Functions and Modeling for Secondary Teachers****Prerequisites:** MATH 2153 with grade of "C" or better, and a major in MATH or science on the STCH option.**Description:** A conceptually rigorous treatment of topics in secondary mathematics including functions, rates of change, and modeling with linear, exponential, logarithmic, and trigonometric functions. Emphasis on articulating ideas and developing pre-service teachers' ability to teach for understanding. Applies only towards the STCH option on the Math major; no credit towards the MATH minor.**Credit hours:** 3**Contact hours:** Lecture: 3 Contact: 3**Levels:** Undergraduate**Schedule types:** Lecture**Department/School:** Mathematics



**MATH 3403 Geometric Structures for Early Childhood and Elementary Teachers****Prerequisites:** MATH 1483 or MATH 1493 or MATH 1513.**Description:** Foundations of geometry for prospective early childhood and elementary educators. Linear and angular measure, polygons and polyhedra, similarity and congruence, geometric constructions, motion and transformations. Class format may emphasize student investigation and discovery, discussion and presentation, and working with mathematical tools. This course, together with MATH 3603, prepares students for SMED 3153 and SMED 4153 and/or HDFS 3223. Previously offered as MATH 3733.**Credit hours:** 3**Contact hours:** Lecture: 3 Contact: 3**Levels:** Undergraduate**Schedule types:** Lecture**Department/School:** Mathematics**MATH 3583 Introduction to Mathematical Modeling****Prerequisites:** MATH 2153 and MATH 3013 with grades of "C" or better.**Description:** A project-based introduction to the core methods used in mathematical modeling: model building, computation and simulation, model verification, interpretation, and refinement. Students conduct inquiries to create and analyze mathematical models to solve problems in various scientific or business contexts, using approaches that may include discrete or continuous models, dynamical systems, stochastic processes, empirical modeling, and others. Written reports and oral presentation of solutions required. May not be used for degree credit with MATH 4583.**Credit hours:** 3**Contact hours:** Lecture: 3 Contact: 3**Levels:** Undergraduate**Schedule types:** Lecture**Department/School:** Mathematics**MATH 3603 Mathematical Structures for Early Childhood and Elementary Teachers****Prerequisites:** MATH 1483 or MATH 1493 or MATH 1513.**Description:** Foundations of mathematics and number concepts for prospective early childhood and elementary educators. Problem solving, logic, set theory, functions and relations, number systems, number theory, rational numbers, decimals and fractions, exponentiation, probability, and applications. Class format may emphasize student investigation and discovery, discussion and presentation, and working with mathematical tools. Together with MATH 3403, it prepares students for SMED 3153 and SMED 4153 and/or HDFS 3223. Previously offered as MATH 3723.**Credit hours:** 3**Contact hours:** Lecture: 3 Contact: 3**Levels:** Undergraduate**Schedule types:** Lecture**Department/School:** Mathematics**MATH 3613 Introduction to Abstract Algebra****Prerequisites:** MATH 3013 with a grade of "C" or better.**Description:** An introduction to mathematical reasoning including logical structure of statements, quantifiers, basic set theory and techniques of proof. Elementary number theory including divisors and prime factorization, the Euclidean algorithm, and modular arithmetic. Introduction to rings, integral domains, fields, and polynomial rings. Previously offered as MATH 3113.**Credit hours:** 3**Contact hours:** Lecture: 3 Contact: 3**Levels:** Undergraduate**Schedule types:** Lecture**Department/School:** Mathematics**MATH 3890 Advanced Honors Experience in Mathematics****Prerequisites:** Honors College participation and concurrent enrollment in a designated MATH course.**Description:** A supplemental Honors experience in mathematics to partner concurrently with designated upper-division MATH course(s). This course adds a different intellectual dimension to the designated course(s). Offered for fixed credit, 1 credit hour, maximum of 6 credit hours.**Credit hours:** 1**Contact hours:** Lecture: 1 Contact: 1**Levels:** Undergraduate**Schedule types:** Lecture**Department/School:** Mathematics**General Education and other Course Attributes:** Honors Credit**MATH 3910 Special Studies****Prerequisites:** Consent of instructor.**Description:** Special subjects in mathematics. Offered for variable credit, 1-3 credit hours, maximum of 3 credit hours.**Credit hours:** 1-3**Contact hours:** Contact: 1-3 Other: 1-3**Levels:** Undergraduate**Schedule types:** Independent Study**Department/School:** Mathematics**MATH 3933 Research Methods****Prerequisites:** MATH 3013 with grade of "C" or better; MATH 3613 with grade of "C" or better recommended.**Description:** A project-based introduction to the core methods used in mathematical research: computation, pattern recognition, conjecture, proof, and generalization. Students conduct inquiries in various mathematical areas to be selected from number theory, combinatorics, game theory, and others. Calculation and computer experimentation will be used to gather data and facilitate recognition of patterns. Written reports and oral presentation of solutions required.**Credit hours:** 3**Contact hours:** Lecture: 3 Contact: 3**Levels:** Undergraduate**Schedule types:** Lecture**Department/School:** Mathematics

**MATH 4003 Mathematical Logic and Computability**

**Prerequisites:** MATH 3613 or PHIL 3003 or consent of instructor.

**Description:** The basic metatheorems of first order logic: soundness, completeness, compactness, Lowenheim-Skolem theorem, undecidability of first order logic, Godel's incompleteness theorem. Enumerability, diagonalization, formal systems, standard and nonstandard models, Godel numberings, Turing machines, recursive functions, and evidence for Church's thesis. Same course as PHIL 4003.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Mathematics

**MATH 4013 Calculus of Several Variables**

**Prerequisites:** MATH 2163 and MATH 3013 with grades of "C" or better.

**Description:** Differential and integral calculus of functions of several variables, vector analysis, Stokes' Theorem, Green's Theorem and applications. May not be used for degree credit with MATH 5063.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Mathematics

**MATH 4023 Introduction to Analysis**

**Prerequisites:** MATH 2153 and MATH 3613 with grades of "C" or better, or consent of instructor.

**Description:** An introduction to analysis of functions of one real variable emphasizing the reading and writing of mathematical proof. Basic logic, set theory, functions and relations, cardinality of sets. Structure of the real numbers, completeness, open and closed sets, compact sets. Convergence of sequences bounded and monotone sequences, subsequences. Limits of functions, continuity. May not be used for degree credit with MATH 5073.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Mathematics

**MATH 4033 History of Mathematics**

**Prerequisites:** MATH 2153 with a grade of "C" or better.

**Description:** Historical development of mathematical ideas and methods relating to concepts of number, geometry, algebra, and other areas, from the time of the ancient Greeks through major developments in the Renaissance and 17th and 18th centuries, with a brief survey of later developments. Includes contributions from diverse cultures and individuals, and influences from astronomy and physics. The emphasis in the course will be on replicating historical techniques and relating them to contemporary practice. The course provides future secondary and college teachers with a foundation for incorporating historical perspectives in their lessons. May not be used for degree credit with MATH 5033.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Mathematics

**MATH 4063 Advanced Linear Algebra**

**Prerequisites:** MATH 3013 and MATH 3613 with grades of "C" or better; grades of "B" or better recommended.

**Description:** A rigorous treatment of vector spaces, linear transformations, determinants, orthogonal and unitary transformations, canonical forms, bilinear and hermitian forms, and dual spaces. Honors and regular sections are offered and meet with MATH 5023. May not be used for degree credit with MATH 5023.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Mathematics

**MATH 4083 Intermediate Analysis**

**Prerequisites:** MATH 4023 with grade of "C" or better.

**Description:** Continuation of MATH 4023. Review of limits and continuity. Properties of continuous functions, uniform continuity, the derivative, the Mean Value Theorem. The Riemann integral, the Fundamental Theorem of Calculus. Infinite series, power series, pointwise and uniform convergence of series of functions. May not be used for degree credit with MATH 5083.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Mathematics

**MATH 4143 Advanced Calculus I**

**Prerequisites:** MATH 2163, MATH 3013, and MATH 4023 with grades of "C" or better; grades of "B" or better recommended.

**Description:** A rigorous treatment of calculus for functions of one and several variables. Elementary topology of Euclidean and metric spaces, continuity and uniform continuity, differentiation and integration in one variable. Honors and regular sections are offered and meet with MATH 5043. May not be used for degree credit with MATH 5043.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Mathematics

**MATH 4153 Advanced Calculus II**

**Prerequisites:** MATH 4143 with grade of "C" or better; grade of "B" or better recommended.

**Description:** Continuation of MATH 4143. A rigorous treatment of sequences and series of functions, uniform convergence, and differentiation and integration of vector-valued functions. Honors and regular sections are offered and meet with MATH 5053. May not be used for degree credit with MATH 5053.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Mathematics

**MATH 4233 Intermediate Differential Equations**

**Prerequisites:** MATH 2233 and MATH 3013 with grades of "C" or better.

**Description:** Systems of differential equations, series solutions, special functions, elementary partial differential equations, Sturm-Liouville problems, stability and applications. Previously offered as MATH 4653. May not be used for degree credit with MATH 5203.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Mathematics

**MATH 4263 Introduction to Partial Differential Equations**

**Prerequisites:** MATH 2163 and MATH 2233 and MATH 3013 with grades of "C" or better.

**Description:** Solution of the standard partial differential equations (Laplace's equation, transport equation, heat equation, wave equation) by separation of variables and transform methods, including eigenfunction expansions, Fourier and Laplace transform. Boundary value problems, Sturm-Liouville theory, orthogonality, Fourier, Bessel, and Legendre series, spherical harmonics. May not be used for degree credit with MATH 5263.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Mathematics

**MATH 4283 Complex Variables**

**Prerequisites:** MATH 2163 with a grade of "C" or better.

**Description:** Properties of complex numbers, analytic functions of a complex variable, contour integrals, Cauchy's Integral Theorem, power series and Laurent series, residues and poles, conformal mapping, and applications. Previously offered as MATH 4673. May not be used for degree credit with MATH 5273.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Mathematics

**MATH 4343 Introduction to Topology**

**Prerequisites:** MATH 4023 with a grade of "C" or better.

**Description:** Topological spaces, basic point-set topology, introduction to surfaces and three-manifolds, introduction to knot theory, applications. May not be used for degree credit with MATH 5343.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Mathematics

**MATH 4403 Geometry**

**Prerequisites:** MATH 3013 and MATH 3613 with grades of "C" or better.

**Description:** A rigorous and thorough development of plane geometry including lines, triangles, and circles. Congruence of figures using rigid motions and similarity using dilations. Construction of geometric figures. Additional topics may include non-Euclidean geometries and higher dimensional geometry. Previously offered as MATH 4043.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Mathematics

**MATH 4423 Geometry and Algorithms in Three-Dimensional Modeling**

**Prerequisites:** MATH 2163 and MATH 3013 and (CS 1103 or CS 1113 or ENGR 1412) with grades of "C" or better.

**Description:** A project-based introduction to 3D computer-aided design tools from a mathematical perspective. Students will learn some of the mathematical background behind computer representation and manipulation of 3D geometry and will apply their knowledge, via both graphical user and programming interfaces, to design and 3D-print models visualizing mathematical concepts. Written reports and oral presentation required. May not be used for degree credit with MATH 5423.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Mathematics

**MATH 4453 Mathematical Interest Theory**

**Prerequisites:** MATH 2153 and MATH 2233 with grades of "C" or better.

**Description:** Fundamental concepts of financial mathematics including simple and compound interest, inflation, yield rates, and equations of value for annuities, stocks, bonds, and other financial instruments. Determining equivalent measures of interest, determining yield rates, estimating rates of return, amortization. May not be used for degree credit with MATH 5453.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Mathematics

**MATH 4513 Introduction to Numerical Analysis**

**Prerequisites:** MATH 2233 and MATH 3013 with grades of "C" or better and knowledge of programming, or consent of instructor.

**Description:** Computer arithmetic and round-off errors, numerical solution to nonlinear equations, interpolation, numerical differentiation and integration, numerical solutions to ordinary differential equations, error analysis for numerical solutions and approximations. Additional topics may include direct and iterative solutions for linear systems for equations. Same course as CS 4513. May not be used for degree credit with MATH 5513.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Mathematics

**MATH 4553 Introduction to Optimization**

**Prerequisites:** MATH 2163 and MATH 3013 with grades of "C" or better.

**Description:** A survey of optimization theory and methods for functions of several variables. Unconstrained optimization, gradient methods. Linear programming, simplex method, duality. Nonlinear constrained optimization. May not be used for degree credit with MATH 5503.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Mathematics

**MATH 4590 Professional Practice in Mathematics**

**Prerequisites:** Declared major in mathematics and consent of instructor.

**Description:** Internship or practicum experience applying mathematical principles to solve problems encountered during employment or an internship in business, industry, or government. Written and oral reports may be required. Offered for variable credit, 1-3 credit hours, maximum of 3 credit hours.

**Credit hours:** 1-3

**Contact hours:** Contact: 1-3 Other: 1-3

**Levels:** Undergraduate

**Schedule types:** Independent Study

**Department/School:** Mathematics

**MATH 4603 Intermediate Abstract Algebra**

**Prerequisites:** MATH 3613 with grade of "C" or better.

**Description:** Introduction to groups, subgroups, homomorphisms, quotient groups. Theory of field extensions and automorphisms, introduction to Galois theory.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Mathematics

**MATH 4613 Abstract Algebra I**

**Prerequisites:** MATH 3613 with grade of "C" or better; grade of "B" or better recommended.

**Description:** A rigorous treatment of group theory including subgroups and quotient groups, isomorphism and homomorphism, structure theory, group actions, and the Sylow theorems. Introduction to rings, ideals, and homomorphisms. Honors and regular sections are offered and meet with MATH 5003. May not be used for degree credit with MATH 5003.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Mathematics

**MATH 4623 Abstract Algebra II**

**Prerequisites:** MATH 4613 with grade of "C" or better; grade of "B" or better recommended.

**Description:** Continuation of MATH 4613. A rigorous treatment of ring theory including ideals, homomorphism, unique factorization domains, principal ideal domains, modules and vector spaces. Field theory and Galois theory. Honors and regular sections are offered and meet with MATH 5013. May not be used for degree credit with MATH 5013.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Mathematics

**MATH 4663 Combinatorics**

**Prerequisites:** MATH 3013 with a grade of "C" or better.

**Description:** Introduction to graph theory and network theory, counting techniques, generating functions, recurrence relations, and difference equations. Previously offered as MATH 4273. May not be used for degree credit with MATH 5673.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Mathematics

**MATH 4713 Number Theory**

**Prerequisites:** MATH 3613 with a grade of "C" or better.

**Description:** Divisibility of integers, congruencies, quadratic residues, distribution of primes, continued fractions and the theory of ideals. Previously offered as MATH 4243. May not be used for degree credit with MATH 5713.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Mathematics

**MATH 4753 Introduction to Cryptography**

**Prerequisites:** MATH 3013 and (MATH 3613 or CS 3653) with grades of "C" or better.

**Description:** Classical and modern techniques for transmitting and managing information in the presence of eavesdroppers or adversaries and the mathematical principles on which they are based. Symmetric and asymmetric ciphers such as RSA and public key cryptography. Modular arithmetic, the factoring problem, and the discrete logarithm problem. May not be used for degree credit with MATH 5753.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Mathematics

**MATH 4813 Groups and Representations**

**Prerequisites:** MATH 3013 and MATH 3613 with grades of "C" or better, or consent of instructor.

**Description:** An introduction to groups, group actions, symmetry groups, representations and characters. Further topics may include infinite symmetry groups, applications to chemistry and physics, finite isometry groups and geometry. May not be used for degree credit with MATH 5803.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Mathematics

**MATH 4900 Undergraduate Research**

**Prerequisites:** Consent of instructor.

**Description:** A guided program of independent reading and research under the direction of a faculty member. Offered for variable credit, 1-4 credit hours, maximum of 4 credit hours.

**Credit hours:** 1-3

**Contact hours:** Contact: 1-3 Other: 1-3

**Levels:** Undergraduate

**Schedule types:** Independent Study

**Department/School:** Mathematics

**MATH 4910 Special Studies**

**Prerequisites:** Consent of instructor.

**Description:** Special subjects in mathematics. Offered for variable credit, 1-3 credit hours, maximum of 9 credit hours.

**Credit hours:** 1-3

**Contact hours:** Contact: 1-3 Other: 1-3

**Levels:** Undergraduate

**Schedule types:** Independent Study

**Department/School:** Mathematics

**MATH 4950 Problem Solving Seminar****Prerequisites:** MATH 2153 with a grade of "C" or better.**Description:** The general process of problem solving. Selected problem-solving techniques. Applications to challenging problems from all areas of mathematics. Offered for variable credit, 1-3 credit hours, maximum of 3 credit hours.**Credit hours:** 1-3**Contact hours:** Lecture: 1-3 Contact: 1-3**Levels:** Undergraduate**Schedule types:** Lecture**Department/School:** Mathematics**MATH 4963 Preparation for Senior Thesis****Prerequisites:** Consent of instructor, junior or senior standing.**Description:** A guided program of independent reading and research under the direction of a faculty member. This course may serve as the first part of a two-semester senior thesis or senior honors thesis experience.**Credit hours:** 3**Contact hours:** Contact: 3 Other: 3**Levels:** Undergraduate**Schedule types:** Independent Study**Department/School:** Mathematics**MATH 4973 Senior Thesis****Prerequisites:** Consent of instructor, senior standing.**Description:** A guided program of independent reading and research under the direction of a faculty member. The project culminates in an oral presentation, and a written report also approved by a second faculty reader.**Credit hours:** 3**Contact hours:** Contact: 3 Other: 3**Levels:** Undergraduate**Schedule types:** Independent Study**Department/School:** Mathematics**MATH 4993 Senior Honors Thesis****Prerequisites:** Consent of instructor, senior standing, and Honors Program participation.**Description:** A guided program of independent reading and research under the direction of a faculty member. The project culminates in an oral presentation, and a written report also approved by a second faculty reader. Required for graduation with Departmental honors in mathematics.**Credit hours:** 3**Contact hours:** Contact: 3 Other: 3**Levels:** Undergraduate**Schedule types:** Independent Study**Department/School:** Mathematics**General Education and other Course Attributes:** Honors Credit**MATH 5000 Master's Research and Thesis****Prerequisites:** Consent of advisory committee.**Description:** Directed reading and research culminating in the master's report or master's thesis. Offered for variable credit, 1-6 credit hours, maximum of 6 credit hours.**Credit hours:** 1-6**Contact hours:** Contact: 1-6 Other: 1-6**Levels:** Graduate**Schedule types:** Independent Study**Department/School:** Mathematics**MATH 5003 Abstract Algebra I****Prerequisites:** MATH 3613 with grade of "C" or better; grade of "B" or better recommended.**Description:** A rigorous treatment of group theory including subgroups and quotient groups, isomorphism and homomorphism, structure theory, group actions, and the Sylow theorems. Introduction to rings, ideals, and homomorphisms. Meets with MATH 4613. May not be used for degree credit with MATH 4613.**Credit hours:** 3**Contact hours:** Lecture: 3 Contact: 3**Levels:** Graduate**Schedule types:** Lecture**Department/School:** Mathematics**MATH 5010 Seminar in Mathematics****Prerequisites:** Consent of instructor.**Description:** Topics in mathematics. Offered for variable credit, 1-3 credit hours, maximum of 12 credit hours.**Credit hours:** 1-3**Contact hours:** Contact: 1-3 Other: 1-3**Levels:** Graduate**Schedule types:** Independent Study**Department/School:** Mathematics**MATH 5013 Abstract Algebra II****Prerequisites:** A grade of "C" or better in one of MATH 4613 or MATH 5003; grade of "B" or better recommended.**Description:** Continuation of MATH 5003. A rigorous treatment of ring theory including ideals, homomorphism, unique factorization domains, principal ideal domains, modules and vector spaces. Field theory and Galois theory. Meets with MATH 4623. May not be used for degree credit with MATH 4623.**Credit hours:** 3**Contact hours:** Lecture: 3 Contact: 3**Levels:** Graduate**Schedule types:** Lecture**Department/School:** Mathematics**MATH 5023 Advanced Linear Algebra****Prerequisites:** MATH 3013 and MATH 3613 with grades of "C" or better; grades of "B" or better recommended.**Description:** A rigorous treatment of vector spaces, linear transformations, determinants, orthogonal and unitary transformations, canonical forms, bilinear and Hermitian forms, and dual spaces. Meets with MATH 4063. May not be used for degree credit with MATH 4063.**Credit hours:** 3**Contact hours:** Lecture: 3 Contact: 3**Levels:** Graduate**Schedule types:** Lecture**Department/School:** Mathematics



**MATH 5033 History of Mathematics**

**Prerequisites:** MATH 2153 with a grade of "C" or better.

**Description:** Historical development of mathematical ideas and methods relating to concepts of number, geometry, algebra, and other areas, from the time of the ancient Greeks through major developments in the Renaissance and 17th and 18th centuries, with a brief survey of later developments. Includes contributions from diverse cultures and individuals, and influences from astronomy and physics. The emphasis in the course will be on replicating historical techniques and relating them to contemporary practice. The course provides future secondary and college teachers with a foundation for incorporating historical perspectives in their lessons. May not be used for degree credit with MATH 4033.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Graduate

**Schedule types:** Lecture

**Department/School:** Mathematics

**MATH 5043 Advanced Calculus I**

**Prerequisites:** MATH 2163, MATH 3013, and MATH 4023 with grades of "C" or better; grades of "B" or better recommended.

**Description:** A rigorous treatment of calculus for functions of one and several variables. Elementary topology of Euclidean and metric spaces, continuity and uniform continuity, differentiation and integration in one variable. Meets with MATH 4143. May not be used for degree credit with MATH 4143.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Graduate

**Schedule types:** Lecture

**Department/School:** Mathematics

**MATH 5053 Advanced Calculus II**

**Prerequisites:** A grade of "C" or better in one of MATH 4143 or MATH 5043; grade of "B" or better recommended.

**Description:** Continuation of MATH 5043. A rigorous treatment of sequences and series of functions, uniform convergence, and differentiation and integration of vector-valued functions. Meets with MATH 4153. May not be used for degree credit with MATH 4153.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Graduate

**Schedule types:** Lecture

**Department/School:** Mathematics

**MATH 5063 Calculus of Several Variables**

**Prerequisites:** MATH 2163 and MATH 3013 with grades of "C" or better.

**Description:** Differential and integral calculus of functions of several variables, vector analysis, Stokes' Theorem, Green's Theorem and applications. May not be used for degree credit with MATH 4013.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Graduate

**Schedule types:** Lecture

**Department/School:** Mathematics

**MATH 5073 Introduction to Analysis**

**Prerequisites:** MATH 2153 and MATH 3613 with grades of "C" or better, or consent of instructor.

**Description:** An introduction to analysis of functions of one real variable emphasizing the reading and writing of mathematical proof. Basic logic, set theory, functions and relations, cardinality of sets. Structure of the real numbers, completeness, open and closed sets, compact sets. Convergence of sequences bounded and monotone sequences, subsequences. Limits of functions, continuity. May not be used for degree credit with MATH 4023.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Graduate

**Schedule types:** Lecture

**Department/School:** Mathematics

**MATH 5083 Intermediate Analysis**

**Prerequisites:** MATH 4023 with grade of "C" or better.

**Description:** Continuation of MATH 4023. Review of limits and continuity. Properties of continuous functions, uniform continuity, the derivative, the Mean Value Theorem. The Riemann integral, the Fundamental Theorem of Calculus. Infinite series, power series, pointwise and uniform convergence of series of functions. May not be used for degree credit with MATH 4083.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Graduate

**Schedule types:** Lecture

**Department/School:** Mathematics

**MATH 5133 Stochastic Processes**

**Prerequisites:** MATH 2233, MATH 3013 and STAT 5123.

**Description:** Definition of stochastic processes, probability structure, mean and covariance function, the set of sample functions, stationary processes and their spectral analysis, renewal processes, counting analysis, discrete and continuous Markov chains, birth and death processes, exponential model, queuing theory. Same course as IEM 5133 & STAT 5133.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Graduate

**Schedule types:** Lecture

**Department/School:** Mathematics

**MATH 5143 Real Analysis I**

**Prerequisites:** MATH 4153 or MATH 5053.

**Description:** Measure theory, measurable functions, integration and differentiation of functions.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Graduate

**Schedule types:** Lecture

**Department/School:** Mathematics



**MATH 5153 Real Analysis II****Prerequisites:** MATH 5143.**Description:** Differentiation with respect to measures. Aspects of point set topology: nets, locally compact spaces, product spaces. Elementary functional analysis: Hahn-Banach, uniform boundedness, open mapping theorems, weak topologies, Hilbert spaces. Riesz representation theorems: duals of Lebesgue spaces and spaces of continuous functions. Other topics may include: elements of Fourier analysis, distribution theory, Stone-Weierstrass theorem.**Credit hours:** 3**Contact hours:** Lecture: 3 Contact: 3**Levels:** Graduate**Schedule types:** Lecture**Department/School:** Mathematics**MATH 5193 Differentiable Manifolds****Prerequisites:** MATH 4153 or MATH 5053; recommended MATH 4343 or MATH 5303.**Description:** Differentiable manifolds and maps, tangent vectors, vector fields, integral curves, submanifolds, differential forms, and integration. Additional topics may be selected from: flows, Lie derivatives, the Frobenius theorem, structures defined by differential forms, vector bundles and de Rham theory.**Credit hours:** 3**Contact hours:** Lecture: 3 Contact: 3**Levels:** Graduate**Schedule types:** Lecture**Department/School:** Mathematics**MATH 5203 Intermediate Differential Equations****Prerequisites:** MATH 2233 and MATH 3013 with grades of "C" or better.**Description:** Systems of differential equations, series solutions, special functions, elementary partial differential equations, Sturm-Liouville problems, stability and applications. Previously offered as MATH 4653. May not be used for degree credit with MATH 4233.**Credit hours:** 3**Contact hours:** Lecture: 3 Contact: 3**Levels:** Graduate**Schedule types:** Lecture**Department/School:** Mathematics**MATH 5213 Fourier Analysis and Wavelets****Prerequisites:** MATH 4013 or MATH 4023.**Description:** Orthogonal series expansions, Fourier series and integrals and boundary value problems. Haar wavelets and multiresolution analysis. Applications.**Credit hours:** 3**Contact hours:** Lecture: 3 Contact: 3**Levels:** Graduate**Schedule types:** Lecture**Department/School:** Mathematics**MATH 5233 Partial Differential Equations****Prerequisites:** MATH 4013, MATH 4143 and MATH 4233 or consent of instructor.**Description:** Representation formulas for solutions of transport equation, Laplace's equation, heat equation and wave equation, mean value theorems, maximum principle, Green's functions, characteristics, eigenvalue problems, separation of variables, transform methods, variational methods, general theory of first order equations.**Credit hours:** 3**Contact hours:** Lecture: 3 Contact: 3**Levels:** Graduate**Schedule types:** Lecture**Department/School:** Mathematics**MATH 5243 Ordinary Differential Equations****Prerequisites:** MATH 4143 or MATH 5043; MATH 4233; MATH 5023.**Description:** Banach space, contraction mapping principle, existence and uniqueness theorems, linear systems, higher-order linear equations, boundary value and eigenvalue problems, stability and asymptotic behavior, attractors, Gronwall's inequality, Liapunov method.**Credit hours:** 3**Contact hours:** Lecture: 3 Contact: 3**Levels:** Graduate**Schedule types:** Lecture**Department/School:** Mathematics**MATH 5253 Advanced Ordinary Differential Equations****Prerequisites:** MATH 5243.**Description:** Selected topics in ordinary differential equations.**Credit hours:** 3**Contact hours:** Lecture: 3 Contact: 3**Levels:** Graduate**Schedule types:** Lecture**Department/School:** Mathematics**MATH 5263 Introduction to Partial Differential Equations****Prerequisites:** MATH 2163 and MATH 2233 and MATH 3013 with grades of "C" or better.**Description:** Solution of the standard partial differential equations (Laplace's equation, transport equation, heat equation, wave equation) by separation of variables and transform methods, including eigenfunction expansions, Fourier and Laplace transform. Boundary value problems, Sturm-Liouville theory, orthogonality, Fourier, Bessel, and Legendre series, spherical harmonics. May not be used for degree credit with MATH 4263.**Credit hours:** 3**Contact hours:** Lecture: 3 Contact: 3**Levels:** Graduate**Schedule types:** Lecture**Department/School:** Mathematics**MATH 5273 Complex Variables****Prerequisites:** MATH 2163 with a grade of "C" or better.**Description:** Properties of complex numbers, analytic functions of a complex variable, contour integrals, Cauchy's Integral Theorem, power series and Laurent series, residues and poles, conformal mapping, and applications. Previously offered as MATH 4673. May not be used for degree credit with MATH 4283.**Credit hours:** 3**Contact hours:** Lecture: 3 Contact: 3**Levels:** Graduate**Schedule types:** Lecture**Department/School:** Mathematics

**MATH 5283 Complex Analysis I****Prerequisites:** MATH 4153 or MATH 5053.**Description:** Basic topology of the plane, functions of a complex variable, analytic functions, transformations, infinite series, integration and conformal mapping.**Credit hours:** 3**Contact hours:** Lecture: 3 Contact: 3**Levels:** Graduate**Schedule types:** Lecture**Department/School:** Mathematics**MATH 5293 Complex Analysis II****Prerequisites:** MATH 5283.**Description:** Riemann Mapping Theorem, meromorphic functions, analytic continuation, Dirichlet problem, and entire functions.**Credit hours:** 3**Contact hours:** Lecture: 3 Contact: 3**Levels:** Graduate**Schedule types:** Lecture**Department/School:** Mathematics**MATH 5303 General Topology****Prerequisites:** MATH 4143 or MATH 5043 or consent of instructor.**Description:** Basic properties of topological spaces and continuous functions, including connectedness, compactness, and separation and countability axioms. Metric, product, and quotient spaces, Urysohn lemma, and Tietze extension theorem.**Credit hours:** 3**Contact hours:** Lecture: 3 Contact: 3**Levels:** Graduate**Schedule types:** Lecture**Department/School:** Mathematics**MATH 5313 Geometric Topology****Prerequisites:** MATH 4613 or MATH 5003, MATH 5303.**Description:** Manifolds, complexes, the fundamental group, covering spaces, combinatorial group theory, the Seifert-Van Kampen theorem, and related topics.**Credit hours:** 3**Contact hours:** Lecture: 3 Contact: 3**Levels:** Graduate**Schedule types:** Lecture**Department/School:** Mathematics**MATH 5343 Introduction to Topology****Prerequisites:** MATH 4023 with a grade of "C" or better.**Description:** Topological spaces, basic point-set topology, introduction to surfaces and three-manifolds, introduction to knot theory, applications. May not be used for degree credit with MATH 4343.**Credit hours:** 3**Contact hours:** Lecture: 3 Contact: 3**Levels:** Graduate**Schedule types:** Lecture**Department/School:** Mathematics**MATH 5413 Differential Geometry****Prerequisites:** MATH 4013 or MATH 4143 or MATH 5043.**Description:** Differential manifolds, vector fields, differential forms, connections, Riemannian metrics, geodesics, completeness, curvature, and related topics.**Credit hours:** 3**Contact hours:** Lecture: 3 Contact: 3**Levels:** Graduate**Schedule types:** Lecture**Department/School:** Mathematics**MATH 5423 Geometry and Algorithms in Three-Dimensional Modeling****Prerequisites:** MATH 2163 and MATH 3013 and (CS 1113 or ENGR 1412) with grades of "C" or better.**Description:** A project-based introduction to 3D computer-aided design tools from a mathematical perspective. Students will learn some of the mathematical background behind computer representation and manipulation of 3D geometry and will apply their knowledge, via both graphical user and programming interfaces, to design and 3D-print models visualizing mathematical concepts. Written reports and oral presentation required. May not be used for degree credit with MATH 4423.**Credit hours:** 3**Contact hours:** Lecture: 3 Contact: 3**Levels:** Graduate**Schedule types:** Lecture**Department/School:** Mathematics**MATH 5453 Mathematical Interest Theory****Prerequisites:** MATH 2153 and MATH 2233 with grades of "C" or better.**Description:** Fundamental concepts of financial mathematics including simple and compound interest, inflation, yield rates, and equations of value for annuities, stocks, bonds, and other financial instruments. Determining equivalent measures of interest, determining yield rates, estimating rates of return, amortization. May not be used for degree credit with MATH 4453.**Credit hours:** 3**Contact hours:** Lecture: 3 Contact: 3**Levels:** Graduate**Schedule types:** Lecture**Department/School:** Mathematics**MATH 5473 Financial Calculus****Prerequisites:** MATH 4143 or MATH 5043, STAT 4203 or consent of instructor.**Description:** Introduction to derivative pricing and market derivatives. Introduction to the Ito-Doebelin calculus and martingales; the martingale properties of Brownian motion, the Black-Scholes-Merton theory as a simple, special case of martingale pricing, market models of modern fixed income pricing. Insurance, hedging, and options.**Credit hours:** 3**Contact hours:** Lecture: 3 Contact: 3**Levels:** Graduate**Schedule types:** Lecture**Department/School:** Mathematics**MATH 5503 Introduction to Optimization****Prerequisites:** MATH 2163 and MATH 3013 with grades of "C" or better.**Description:** A survey of optimization theory and methods for functions of several variables. Unconstrained optimization, gradient methods. Linear programming, simplex method, duality. Nonlinear constrained optimization. May not be used for degree credit with MATH 4553.**Credit hours:** 3**Contact hours:** Lecture: 3 Contact: 3**Levels:** Graduate**Schedule types:** Lecture**Department/School:** Mathematics

**MATH 5513 Introduction to Numerical Analysis**

**Prerequisites:** MATH 2233 and MATH 3013 with grades of "C" or better and knowledge of programming, or consent of instructor.

**Description:** Computer arithmetic and round-off errors, numerical solution to nonlinear equations, interpolation, numerical differentiation and integration, numerical solutions to ordinary differential equations, error analysis for numerical solutions and approximations. Additional topics may include direct and iterative solutions for linear systems of equations. May not be used for degree credit with MATH 4513 or CS 4513.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Graduate

**Schedule types:** Lecture

**Department/School:** Mathematics

**MATH 5543 Numerical Analysis for Differential Equations**

**Prerequisites:** MATH 4233, MATH 4513 or CS 4513.

**Description:** Advanced machine computing, algorithms, analysis of truncation and rounding errors, convergence and stability applied to discrete variables, finite elements, and spectral methods in ordinary and partial differential equations.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Graduate

**Schedule types:** Lecture

**Department/School:** Mathematics

**MATH 5553 Numerical Analysis for Linear Algebra**

**Prerequisites:** MATH 3013, and MATH 4513 or CS 4513.

**Description:** Advanced machine computing, algorithms, analysis of rounding errors, condition, convergence, and stability applied to direct and iterative solution of linear systems of equations, linear least squares problems, and algebraic eigenvalue problems, including LU and QR factorization, conjugate gradients, QR algorithm, and Lanczos method.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Graduate

**Schedule types:** Lecture

**Department/School:** Mathematics

**MATH 5563 Finite Element Methods for Partial Differential Equations**

**Prerequisites:** MATH 4023; MATH 4263; and MATH 4513 or CS 4513 or equivalent. MATH 4143 or MATH 5043 preferred.

**Description:** Theory and practice of finite element methods, including elliptic boundary value problems, weak formulations, the Ritz-Galerkin method, conforming and non-conforming finite elements, error estimates, and numerical experiments.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Graduate

**Schedule types:** Lecture

**Department/School:** Mathematics

**MATH 5580 Case Studies in Applied Mathematics**

**Prerequisites:** MATH 2233, MATH 4013, and knowledge of computer programming.

**Description:** Selected mathematical problems from industry. Independent problem-solving, oral presentation of solutions, and technical report writing. Seminar-style format. Offered for variable credit, 1-3 credit hours, maximum of 6 credit hours.

**Credit hours:** 1-3

**Contact hours:** Contact: 1-3 Other: 1-3

**Levels:** Graduate

**Schedule types:** Independent Study

**Department/School:** Mathematics

**MATH 5593 Methods of Applied Mathematics**

**Prerequisites:** MATH 2233, MATH 4013, and knowledge of computer programming.

**Description:** Continuous and discrete techniques in modern applied mathematics. Positive definite matrices, eigenvalues and dynamical systems, discrete and continuous equilibrium equations, least squares estimation and the Kalman filter, potential flow, calculus of variations, network flows, and combinatorics.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Graduate

**Schedule types:** Lecture

**Department/School:** Mathematics

**MATH 5613 Algebra I**

**Prerequisites:** MATH 4613 or MATH 5003.

**Description:** A rigorous treatment of classical results in group theory, ring theory, and field theory.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Graduate

**Schedule types:** Lecture

**Department/School:** Mathematics

**MATH 5623 Algebra II**

**Prerequisites:** MATH 5613.

**Description:** A rigorous treatment of classical results in module theory, multilinear algebra, and representation theory.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Graduate

**Schedule types:** Lecture

**Department/School:** Mathematics

**MATH 5673 Combinatorics**

**Prerequisites:** MATH 3013 with a grade of "C" or better.

**Description:** Introduction to graph theory and network theory, counting techniques, generating functions, recurrence relations, and difference equations. May not be used for degree credit with MATH 4663.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Graduate

**Schedule types:** Lecture

**Department/School:** Mathematics

**MATH 5713 Number Theory**

**Prerequisites:** MATH 3613 with a grade of "C" or better.

**Description:** Divisibility of integers, congruencies, quadratic residues, distribution of primes, continued fractions and the theory of ideals. May not be used for degree credit with MATH 4713.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Graduate

**Schedule types:** Lecture

**Department/School:** Mathematics

**MATH 5753 Introduction to Cryptography**

**Prerequisites:** MATH 3013 and (MATH 3613 or CS 3653) with grades of "C" or better.

**Description:** Classical and modern techniques for transmitting and managing information in the presence of eavesdroppers or adversaries and the mathematical principles on which they are based. Symmetric and asymmetric ciphers such as RSA and public key cryptography. Modular arithmetic, the factoring problem, and the discrete logarithm problem. May not be used for degree credit with MATH 4753.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Graduate

**Schedule types:** Lecture

**Department/School:** Mathematics

**MATH 5803 Groups and Representations**

**Prerequisites:** MATH 3013 and MATH 3613 with grades of "C" or better, or consent of instructor.

**Description:** An introduction to groups, group actions, symmetry groups, representations and characters. Further topics may include infinite symmetry groups, applications to chemistry and physics, finite isometry groups and geometry. May not be used for degree credit with MATH 4813.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Graduate

**Schedule types:** Lecture

**Department/School:** Mathematics

**MATH 5903 Seminar and Practicum in the Teaching of College Mathematics**

**Prerequisites:** Graduate standing in mathematics or consent of instructor.

**Description:** Foundations of college mathematics teaching, including lecturing, grading and exam preparation. Adapting classroom activities to better serve different types of learners. Current trends in mathematics education such as calculus reform, cooperative learning, and technology in the classroom. Previously offered as MATH 5902.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Graduate

**Schedule types:** Lecture

**Department/School:** Mathematics

**MATH 5913 Introduction to Research in Mathematics Education**

**Prerequisites:** MATH 3613 or MATH 4023 or equivalent.

**Description:** Examination and critique of research in mathematics education. A comparative study of research design, analysis, and reporting of both qualitative and quantitative research.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Graduate

**Schedule types:** Lecture

**Department/School:** Mathematics

**MATH 6000 Doctoral Research and Dissertation**

**Prerequisites:** Consent of advisory committee.

**Description:** Directed reading and research culminating in the PhD or EdD thesis. Offered for variable credit, 1-9 credit hours, maximum of 24 credit hours.

**Credit hours:** 1-9

**Contact hours:** Contact: 1-9 Other: 1-9

**Levels:** Graduate

**Schedule types:** Independent Study

**Department/School:** Mathematics

**MATH 6010 Advanced Seminar in Mathematics**

**Prerequisites:** Consent of instructor and student's advisory committee.

**Description:** Directed reading on advanced topics in mathematics. Offered for variable credit, 1-3 credit hours, maximum of 12 credit hours.

**Credit hours:** 1-3

**Contact hours:** Contact: 1-3 Other: 1-3

**Levels:** Graduate

**Schedule types:** Independent Study

**Department/School:** Mathematics

**MATH 6090 Doctoral Research Project**

**Prerequisites:** Consent of advisory committee.

**Description:** Directed reading and research culminating in preliminary doctoral research project. Offered for variable credit, 1-6 credit hours, maximum of 6 credit hours.

**Credit hours:** 1-6

**Contact hours:** Contact: 1-6 Other: 1-6

**Levels:** Graduate

**Schedule types:** Independent Study

**Department/School:** Mathematics

**MATH 6143 Functional Analysis I**

**Prerequisites:** MATH 4613 or MATH 5003 or MATH 5023, MATH 5153, MATH 5303.

**Description:** Theory of topological vector spaces including metrizable, consequences of completeness, Banach spaces, weak topologies, and convexity.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Graduate

**Schedule types:** Lecture

**Department/School:** Mathematics

**MATH 6213 Harmonic Analysis**

**Prerequisites:** MATH 5153, MATH 5283.

**Description:** Classical results giving connections among the size of a harmonic or analytic function on a complex domain, the existence and smoothness of its boundary values, and behavior of the Fourier series; selected extensions, related topics and applications.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Graduate

**Schedule types:** Lecture

**Department/School:** Mathematics

**MATH 6233 Advanced Partial Differential Equations****Prerequisites:** MATH 5233 or consent of instructor.**Description:** Schwarz class, tempered distributions, basic linear functional analysis, Holder spaces, Sobolev spaces, spaces involving time, Sobolev inequalities, existence and regularity theory of second-order elliptic, parabolic, and hyperbolic equations, semigroup theory.**Credit hours:** 3**Contact hours:** Lecture: 3 Contact: 3**Levels:** Graduate**Schedule types:** Lecture**Department/School:** Mathematics**MATH 6263 Potential Theory****Prerequisites:** MATH 5153 and MATH 5283.**Description:** Subharmonic and superharmonic functions, potentials, energy problems (including problems with external fields), equilibrium measures, capacities, Dirichlet problems, regularity, Green functions, harmonic measures, conformal mappings, and applications.**Credit hours:** 3**Contact hours:** Lecture: 3 Contact: 3**Levels:** Graduate**Schedule types:** Lecture**Department/School:** Mathematics**MATH 6283 Several Complex Variables****Prerequisites:** MATH 5283.**Description:** Elements of function theory of several complex variables, including extension phenomena, domains of holomorphy, notions of convexity, holomorphic maps, and complex analytic varieties.**Credit hours:** 3**Contact hours:** Lecture: 3 Contact: 3**Levels:** Graduate**Schedule types:** Lecture**Department/School:** Mathematics**MATH 6290 Topics in Analysis****Prerequisites:** Consent of instructor.**Description:** Advanced topics in analysis. Offered for variable credit, 1-3 credit hours, maximum of 9 credit hours.**Credit hours:** 1-3**Contact hours:** Contact: 1-3 Other: 1-3**Levels:** Graduate**Schedule types:** Independent Study**Department/School:** Mathematics**MATH 6323 Algebraic Topology I****Prerequisites:** MATH 5313.**Description:** Chain complexes, homology and cohomology groups, the Eilenberg-Steenrod axioms, Mayer-Vietoris sequences, universal coefficient theorems, the Eilenberg-Zilber theorem and Kunnet formulas, cup and cap products, and duality in manifolds.**Credit hours:** 3**Contact hours:** Lecture: 3 Contact: 3**Levels:** Graduate**Schedule types:** Lecture**Department/School:** Mathematics**MATH 6390 Topics in Topology****Prerequisites:** Consent of instructor.**Description:** Advanced topics in topology. Offered for variable credit, 1-3 credit hours, maximum of 9 credit hours.**Credit hours:** 1-3**Contact hours:** Contact: 1-3 Other: 1-3**Levels:** Graduate**Schedule types:** Independent Study**Department/School:** Mathematics**MATH 6433 Algebraic Geometry****Prerequisites:** MATH 5623.**Description:** Affine and projective varieties, dimension, algebraic curves, divisors and Riemann-Roch theorem for curves.**Credit hours:** 3**Contact hours:** Lecture: 3 Contact: 3**Levels:** Graduate**Schedule types:** Lecture**Department/School:** Mathematics**MATH 6453 Complex Geometry****Prerequisites:** MATH 5283.**Description:** Complex manifolds, analytic sheaves, differential forms, Dolbeault cohomology, Hodge theory, line bundles, divisors, Kodaira embedding, and vanishing.**Credit hours:** 3**Contact hours:** Lecture: 3 Contact: 3**Levels:** Graduate**Schedule types:** Lecture**Department/School:** Mathematics**MATH 6490 Topics in Geometry****Prerequisites:** Consent of instructor.**Description:** Advanced topics in geometry. Offered for variable credit, 1-3 credit hours, maximum of 9 credit hours.**Credit hours:** 1-3**Contact hours:** Contact: 1-3 Other: 1-3**Levels:** Graduate**Schedule types:** Independent Study**Department/School:** Mathematics**MATH 6513 Theoretical Numerical Analysis****Prerequisites:** MATH 5153, MATH 5543 or CS 5543, and MATH 5553 or CS 5553.**Description:** An advanced theoretical treatment based on function spaces and operator theory of algorithms for machine computing and analysis of errors.**Credit hours:** 3**Contact hours:** Lecture: 3 Contact: 3**Levels:** Graduate**Schedule types:** Lecture**Department/School:** Mathematics**MATH 6590 Topics in Applied Mathematics****Prerequisites:** Consent of instructor.**Description:** Advanced topics in applied mathematics. Offered for variable credit, 1-3 credit hours, maximum of 9 credit hours.**Credit hours:** 1-3**Contact hours:** Contact: 1-3 Other: 1-3**Levels:** Graduate**Schedule types:** Independent Study**Department/School:** Mathematics



**MATH 6613 Commutative Algebra****Prerequisites:** MATH 5623.**Description:** Commutative rings, exactness properties of modules, tensor products, integral dependence, chain conditions, completions, filtrations, local rings, dimension theory, and flatness.**Credit hours:** 3**Contact hours:** Lecture: 3 Contact: 3**Levels:** Graduate**Schedule types:** Lecture**Department/School:** Mathematics**MATH 6623 Homological Algebra****Prerequisites:** MATH 5623.**Description:** Closed and projective classes, resolution and derived functors, adjoint theorem, construction of projective classes in the categories of groups, rings and modules; categories, Abelian categories.**Credit hours:** 3**Contact hours:** Lecture: 3 Contact: 3**Levels:** Graduate**Schedule types:** Lecture**Department/School:** Mathematics**MATH 6690 Topics in Algebra****Prerequisites:** Consent of instructor.**Description:** Advanced topics in algebra. Offered for variable credit, 1-3 credit hours, maximum of 9 credit hours.**Credit hours:** 1-3**Contact hours:** Contact: 1-3 Other: 1-3**Levels:** Graduate**Schedule types:** Independent Study**Department/School:** Mathematics**MATH 6713 Analytic Number Theory****Prerequisites:** MATH 4283 or MATH 5283.**Description:** Arithmetic functions, Zeta and L functions, distribution of primes and introduction to modular forms.**Credit hours:** 3**Contact hours:** Lecture: 3 Contact: 3**Levels:** Graduate**Schedule types:** Lecture**Department/School:** Mathematics**MATH 6723 Algebraic Number Theory****Prerequisites:** MATH 5013 or MATH 5623.**Description:** Number fields, ideal theory, units, decomposition of primes, quadratic and cyclotomic fields, introduction to local fields.**Credit hours:** 3**Contact hours:** Lecture: 3 Contact: 3**Levels:** Graduate**Schedule types:** Lecture**Department/School:** Mathematics**MATH 6790 Topics in Number Theory****Prerequisites:** Consent of instructor.**Description:** Advanced topics in number theory. Offered for variable credit, 1-3 credit hours, maximum of 9 credit hours.**Credit hours:** 1-3**Contact hours:** Contact: 1-3 Other: 1-3**Levels:** Graduate**Schedule types:** Independent Study**Department/School:** Mathematics**MATH 6813 Lie Groups and Representations****Prerequisites:** MATH 4153 or MATH 5053, MATH 4613 or MATH 5003, MATH 5303.**Description:** Differentiable manifolds, vector fields, Lie groups, exponential map, homogeneous spaces, representations of compact Lie groups, and maximal tori.**Credit hours:** 3**Contact hours:** Lecture: 3 Contact: 3**Levels:** Graduate**Schedule types:** Lecture**Department/School:** Mathematics**MATH 6823 Lie Algebras****Prerequisites:** MATH 5013 and MATH 5023.**Description:** Matrix groups, Lie algebras, root systems, structure of semisimple Lie algebras, universal enveloping algebra, and representations of lie algebras.**Credit hours:** 3**Contact hours:** Lecture: 3 Contact: 3**Levels:** Graduate**Schedule types:** Lecture**Department/School:** Mathematics**MATH 6890 Topics in Representation Theory****Prerequisites:** Consent of instructor.**Description:** Advanced topics in representation theory. Offered for variable credit, 1-3 credit hours, maximum of 9 credit hours.**Credit hours:** 1-3**Contact hours:** Contact: 1-3 Other: 1-3**Levels:** Graduate**Schedule types:** Independent Study**Department/School:** Mathematics**MATH 6923 Research in Undergraduate Mathematics Education****Prerequisites:** MATH 5913.**Description:** Continuation of MATH 5913 with an emphasis on design of research in undergraduate mathematics education. Development of research questions, review of the literature, data collection and analysis, development and evaluation of research proposals, reporting research results.**Credit hours:** 3**Contact hours:** Lecture: 3 Contact: 3**Levels:** Graduate**Schedule types:** Lecture**Department/School:** Mathematics**MATH 6990 Topics in Collegiate Mathematics Education****Prerequisites:** Consent of instructor.**Description:** Advanced topics in collegiate mathematics education. Offered for variable credit, 1-3 credit hours, maximum of 9 credit hours.**Credit hours:** 1-3**Contact hours:** Contact: 1-3 Other: 1-3**Levels:** Graduate**Schedule types:** Independent Study**Department/School:** Mathematics

## Undergraduate Programs

- Mathematics, BA (p. 1420)
- Mathematics, BS (p. 1423)
- Mathematics: Actuarial and Financial Mathematics, BS (p. 1427)
- Mathematics: Applied Mathematics, BS (p. 1430)
- Mathematics: Pre-Law, BS (p. 1434)



- Mathematics: Pre-Medical Sciences, BS (p. 1437)
- Mathematics: Secondary Teacher Certification, BS (p. 1440)

## Graduate Programs

The Department of Mathematics offers programs leading to the Master of Science and Doctor of Philosophy degrees.

## Prerequisites

A student beginning graduate study in mathematics is expected to have had, as an undergraduate, at least 18 semester hours in mathematics beyond elementary integral calculus including courses in differential equations, linear algebra, modern algebra and modern analysis. An applicant whose preparation is deficient may be admitted to the program, if otherwise qualified, but will be required to correct the deficiency, increasing somewhat the time required to complete work for the degree. Prospective graduate students are advised to take at least introductory courses in related fields such as physics, statistics and computer science.

## The Master of Science Degree

The department offers three tracks in the Master of Science degree, computational and applied mathematics, mathematics education and pure mathematics. Each degree requires 33 credit hours of graduate course work in mathematics or related subjects. Two of these hours are waived if a master's thesis is written. Each student must have a grade of "A" or "B" in 18 hours of core coursework.

## The Doctor of Philosophy Degree

The department offers three tracks for the PhD degree: applied mathematics, mathematics education and pure mathematics. Admission to the PhD program is granted only to students with superior records in their previous graduate or undergraduate study. A minimum of 90 semester credit hours of graduate credit beyond the bachelor's degree or 60 hours of beyond the master's degree is required for the PhD degree. Each student has an individual doctoral committee that advises the student in the formulation of an approved plan of study for the degree. Each student must have a grade of "A" or "B" in 15 hours of core coursework, complete a preliminary research project, and pass a qualifying exam.

The most important requirement for the PhD degree is the preparation of an acceptable dissertation. This dissertation must demonstrate the candidate's ability to do independent, original work in mathematics, or mathematics education.

## Minors

- Actuarial Science (ACSC), Minor (p. 1418)
- Mathematics (MATH), Minor (p. 1419)

## Faculty

Christopher Francisco, PhD—Professor and Head

**Regents Professor:** Alan Adolphson, PhD (emeritus); William Jaco, PhD (Grayce B. Kerr Chair); Jiahong Wu, PhD (AT&T Professor)

**Professors:** Douglas B. Aichele, EdD (emeritus); Dale E. Alspach, PhD (emeritus); Leticia Barchini, PhD; Dennis Bertholf, PhD (emeritus); Birne Binegar, PhD; Herman Burchard, PhD (emeritus); James R. Choike, PhD (emeritus); Bruce C. Crauder, PhD; Benny Evans, PhD (emeritus); Amit Ghosh, PhD; Anthony Kable, PhD; Marvin S. Keener, PhD (emeritus);

JaEun Ku, PhD; Weiping Li, PhD; Lisa A. Mantini, PhD; J. Robert Myers, PhD; Alan Noell, PhD; Michael Oehrtman, PhD (Noble Professor); Igor Pritsker, PhD (Vaughn Professor); David J. Ullrich, PhD (emeritus); John Wolfe, PhD (emeritus); David J. Wright, PhD; Roger Zierau, PhD

**Associate Professors:** Mahdi Asgari, PhD; Paul Fili, PhD; Ning Ju, PhD; Jiří Lebl, PhD; Jeffrey Mermin, PhD; Edward Richmond, PhD; Jay Schweig, PhD; Henry Segerman, PhD

**Assistant Professors:** John Paul Cook, PhD; Sean Curry, PhD; John Doyle, PhD; Neil Hoffman, PhD; Anand Patel, PhD; Michael Tallman, PhD; Xukai Yan, PhD; Xu Zhang, PhD

**Teaching Assistant Professors:** Lee Ann Brown, MS; Allison Dorko, PhD; Detelin Dosev, PhD; Cynthia Francisco, MS; Melissa Mills, PhD; Donna Rae Tree, MS

## Actuarial Science (ACSC), Minor

**Requirements for Students Matriculating in or before Academic Year 2022-2023.** Learn more about University Academic Regulation 3.1 (p. 943).

**Minimum Grade-Point Average:** 2.50 with no grade below "C."

**Total Hours:** 28

Code	Title	Hours
<b>Required Courses</b>		
ACCT 2003	Survey of Accounting <sup>1</sup>	3
ECON 2103	Introduction to Microeconomics (S) <sup>1</sup>	3
FIN 3113	Finance <sup>1, 2</sup>	3
MATH 2144	Calculus I (A)	4
MATH 2153	Calculus II (A)	3
MATH 2163	Calculus III	3
MATH 2233	Differential Equations	3
MATH 4453	Mathematical Interest Theory <sup>2</sup>	3
STAT 4203	Mathematical Statistics I <sup>2</sup>	3
<b>Total Hours</b>		<b>28</b>

1

Courses intended to meet the Society of Actuaries VEE (Validation by Educational Experience) requirements should be completed with a grade of "B" or better.

2

All upper-division courses must be completed at OSU.

## Additional OSU Requirements

### Undergraduate Minors

- An undergraduate minor must include between fifteen and thirty hours, inclusive of undergraduate coursework.
- A minimum of six credit hours for the minor must be earned in residence at OSU.
- The courses required for a minor may be included in the course requirements for any undergraduate degree or they may be in addition to degree requirements, depending on the overlap between the minor and degree requirements. However, an undergraduate minor must be earned in an academic field other than the student's declared degree option. The minor may not duplicate the degree major or option (for example, a student who earns a BA in Art with an Art History option may earn a minor in Studio Art but not Art History).
- A student generally follows the minor requirements associated with his or her matriculation year or newer requirements that have been established since matriculation. The time limit for following requirements from a given academic year is six years.

For additional information on requirements on minors, click here (<https://adminfinance.okstate.edu/site-files/documents/policies/requirements-for-undergraduate-and-graduate-minors.pdf>).

## Mathematics (MATH), Minor

**Requirements for Students Matriculating in or before Academic Year 2022-2023.** Learn more about University Academic Regulation 3.1 (p. 943).

**Britney Mann**, 401 MSCS, 405-744-5688

**Minimum Grade Point Average in Minor Coursework:** 2.00 with no grade below "C."

**Total Hours:** 22

Code	Title	Hours
<b>Minor Requirements</b>		
MATH 2144	Calculus I (A)	4
MATH 2153	Calculus II (A)	3
MATH 2163	Calculus III	3
Select 12 hours of MATH for which Calculus II (MATH 2153) is a prerequisite. <sup>1</sup>		12
<b>Total Hours</b>		<b>22</b>

<sup>1</sup>

9 hours must be upper-division; 3 hours must be at the 4000-level. MATH 3303 Advanced Perspectives on Functions and Modeling for Secondary Teachers is not permitted.

## Additional OSU Requirements

### Undergraduate Minors

- An undergraduate minor must include between fifteen and thirty hours, inclusive of undergraduate coursework.
- A minimum of six credit hours for the minor must be earned in residence at OSU.
- The courses required for a minor may be included in the course requirements for any undergraduate degree or they may be in addition to degree requirements, depending on the overlap between the minor and degree requirements. However, an undergraduate minor must be earned in an academic field other than the student's declared degree option. The minor may not duplicate the degree major or option (for example, a student who earns a BA in Art with an Art History option may earn a minor in Studio Art but not Art History).
- A student generally follows the minor requirements associated with his or her matriculation year or newer requirements that have been established since matriculation. The time limit for following requirements from a given academic year is six years.

For additional information on requirements on minors, click here (<https://adminfinance.okstate.edu/site-files/documents/policies/requirements-for-undergraduate-and-graduate-minors.pdf>).

# Mathematics, BA

## Degree Requirements

**Requirements for Students Matriculating in or before Academic Year 2022-2023.** Learn more about University Academic Regulation 3.1 (p. 943).

**Minimum Overall Grade Point Average:** 2.00

**Total Hours:** 120

Code	Title	Hours
<b>General Education Requirements</b>		
<i>English Composition</i>		
See Academic Regulation 3.5 (p. 944)		
ENGL 1113	Composition I	3
or ENGL 1313	Critical Analysis and Writing I	
Select one of the following:		3
ENGL 1213	Composition II	
ENGL 1413	Critical Analysis and Writing II	
ENGL 3323	Technical Writing	
<i>American History &amp; Government</i>		
HIST 1103	Survey of American History	3
or HIST 1483	American History to 1865 (H)	
or HIST 1493	American History Since 1865 (DH)	
POLS 1113	American Government	3
<i>Analytical &amp; Quantitative Thought (A)</i>		
MATH 2144	Calculus I (A) <sup>1</sup>	4
CS 1103	Computer Programming (A) <sup>1</sup>	3
or CS 1113	Computer Science I (A)	
<i>Humanities (H)</i>		
Courses designated (H)		6
<i>Natural Sciences (N)</i>		
Must include one Laboratory Science (L) course		
PHYS 1114	College Physics I (LN) <sup>1</sup>	4
or PHYS 2014	University Physics I (LN)	
Course designated (N)		2
<i>Social &amp; Behavioral Sciences (S)</i>		
Course designated (S)		3
<i>Additional General Education</i>		
Courses designated (A), (H), (N), or (S)		6
<b>Hours Subtotal</b>		<b>40</b>
<b>Diversity (D) &amp; International Dimension (I)</b>		
May be completed in any part of the degree plan		
Select at least one Diversity (D) course		
Select at least one International Dimension (I) course		
<b>College/Departmental Requirements</b>		
<i>First Year Seminar</i>		
(Transfer students with 15 hours exempt)		1
<i>Arts &amp; Humanities</i>		
See note 2.a.		9
<i>Natural &amp; Mathematical Sciences</i>		
MATH 2153	Calculus II (A)	3
<i>Foreign Language</i>		

See note 3		9
<i>Non-Western Studies</i>		
At least one course		
See note 2.d.		
<i>Upper-Division General Education</i>		
Select 6 hours outside major department		
See note 2.c.		
<b>Hours Subtotal</b>		<b>22</b>
<b>Major Requirements</b>		
Minimum grade of "C" or "P" required in each course		
<i>Major Foundation</i>		
MATH 2163	Calculus III	3
MATH 2233	Differential Equations	3
MATH 3013	Linear Algebra (A)	3
MATH 3613	Introduction to Abstract Algebra	3
Select 3 hours of the following:		3
STAT 4013	Statistical Methods I (A)	
STAT 4033	Engineering Statistics	
STAT 4053	Statistical Methods I for the Social Sciences (A)	
Select 3 hours of the following:		3
MATH 3583	Introduction to Mathematical Modeling	
MATH 3933	Research Methods	
MATH 4423	Geometry and Algorithms in Three-Dimensional Modeling	
<i>Tracks</i>		
Select one track (p. 1420)		24
<b>Hours Subtotal</b>		<b>42</b>
<b>Electives</b>		
Select 16 hours		16
May need to include 6 hours upper-division general education outside major department (see note 2.c.) and 4 additional upper division hours		
MATH 1513 and MATH 1813 required for students who do not place directly into MATH 2144.		
<b>Hours Subtotal</b>		<b>16</b>
<b>Total Hours</b>		<b>120</b>

1

College and Departmental requirements that may be used to meet General Education requirements.

## Tracks

### General Track

Code	Title	Hours
Select 6 hours of the following:		6
MATH 4023	Introduction to Analysis	
MATH 4063	Advanced Linear Algebra	
MATH 4083	Intermediate Analysis	
MATH 4143	Advanced Calculus I	
MATH 4153	Advanced Calculus II	
MATH 4343	Introduction to Topology	
MATH 4403	Geometry	

MATH 4603	Intermediate Abstract Algebra	
MATH 4613	Abstract Algebra I	
MATH 4623	Abstract Algebra II	
MATH 4713	Number Theory	
MATH 4753	Introduction to Cryptography	
MATH 4813	Groups and Representations	
Select 9 hours of MATH courses numbered 4000 or above		9
Select 3 hours of 4000-level courses in MATH or STAT or upper-division CS or PHYS		3
Select 6 hours of upper division courses in any field		6

## Preparation for Graduate Study Track

Code	Title	Hours
MATH 4023	Introduction to Analysis	3
MATH 4063	Advanced Linear Algebra	3
MATH 4283	Complex Variables	3
Select 9 hours of the following, with at least 3 hours from each group:		9
<i>Algebra and Discrete Math</i>		
MATH 4603	Intermediate Abstract Algebra	
MATH 4613	Abstract Algebra I <sup>2</sup>	
MATH 4623	Abstract Algebra II	
MATH 4663	Combinatorics	
MATH 4713	Number Theory	
MATH 4753	Introduction to Cryptography	
MATH 4813	Groups and Representations	
<i>Analysis</i>		
MATH 4013	Calculus of Several Variables	
MATH 4083	Intermediate Analysis	
MATH 4143	Advanced Calculus I <sup>2</sup>	
MATH 4153	Advanced Calculus II	
Select 3 hours from one of the following groups:		3
<i>Geometry or Topology</i>		
MATH 4343	Introduction to Topology	
MATH 4403	Geometry	
MATH 5413	Differential Geometry	
<i>Applied Math</i>		
MATH 4233	Intermediate Differential Equations	
MATH 4263	Introduction to Partial Differential Equations	
MATH 4513	Introduction to Numerical Analysis	
MATH 4553	Introduction to Optimization	
Select 3 hours of 4000-level courses in MATH or STAT		3

2

Recommended as preparation for doctoral study.

## Other Requirements

- See the College of Arts and Sciences Requirements.
- **Upper-Division Credit:** Total hours must include at least 40 hours in courses numbered 3000 or above.
- **Hours in One Department:** For B.A. and B.S. degrees, no more than 54 hours in one department may be applied to degree requirements.

## College of Arts and Sciences Requirements

### 1. General Education Requirements

No more than two courses (or eight hours) from the major department (<http://catalog.okstate.edu/college-arts-sciences-major-departments/>) may be used to meet General Education and College and Departmental Requirements. The General Education required English Composition, required U.S. History, required American Government, one required MATH or STAT course, and required foreign language for B.A. degrees do not count against the two-course maximum.

### 2. A&S College/Departmental Requirements

- Arts and Humanities are defined as any course carrying an (H) designation or courses from AMST, ART, DANC, ENGL (except ENGL 3323 Technical Writing) HIST, MUSI, PHIL (except PHIL 1313 Logic and Critical Thinking (A), PHIL 3003 Symbolic Logic (A) and PHIL 4003 Mathematical Logic and Computability), REL, TH, and foreign languages.
- Natural and Mathematical Sciences are defined as any course from the following prefixes: ASTR, BIOC, BIOL, CHEM, CS (except CS 4883 Social Issues in Computing), GEOL, MATH, MICR, PBIO, PHYS, and STAT; or courses from other departments that carry an (A) or (N) general education designation.
- The required six hours of upper-division General Education may not include courses from the student's major department. This requirement may be satisfied by courses also used to satisfy any part of a student's degree program (i.e., in General Education, College Departmental Requirements, Major Requirements or Electives).
- Non-Western Studies Requirement for B.A. and B.F.A.; One 3-hour course in Non-Western Studies (N.W.). This requirement may be satisfied by courses also used to satisfy any part of a student's degree program (i.e., in General Education, College Departmental Requirements, Major Requirements or Electives).
- The College of Arts & Sciences requires a minimum 2.0 GPA in all major requirements and a minimum 2.0 GPA in all major-prefix courses applied to the degree.

### 3. Foreign Language Proficiency

- The foreign language requirement for the B.A. may be satisfied by 9 hours college credit in the same language, which must include 3 hours at the 2000-level, or equivalent proficiency (e.g., passing an advanced standing examination; TOEFL exam; presenting a high school transcript which demonstrates the high school was primarily conducted in a language other than English; etc.). Computer Science courses may not be used to satisfy this requirement. Currently Arabic and Mvskoke are not offered at the 2000-level at OSU.
- The foreign language requirement for the B.S., B.M. and B.F.A. may be satisfied by presenting a high school transcript which demonstrates two years of study of a single foreign language (passing grades at second-year level of study). It may also be satisfied by 6 hours college credit in the same language, which must include language courses 1713 and 1813, or equivalent proficiency (e.g., passing an advanced standing examination; TOEFL exam; presenting a high school transcript which demonstrates the high school was primarily conducted in a language other than English; etc.). Computer Science courses may not be used to satisfy this requirement.

- c. In addition to a. and b., students pursuing teacher certification must meet novice-high foreign language proficiency by presenting a high school transcript which demonstrates two years of study of a single foreign language with no grade below B. Or, students may complete 3 hours college credit in a single language with no grade below C (or pass an advanced standing examination, College Level Examination Program (CLEP) exam, or Oral Proficiency Interview developed by the American Council on the Teaching of Foreign Languages, equivalent to 3 hours of college credit.) Or, students may meet the requirement by transfer of documentation of meeting the foreign language competency from one of the teacher education programs in the State of Oklahoma approved by the Oklahoma State Regents for Higher Education.

#### 4. Exclusions

- Courses used to satisfy the General Education English Composition, U.S. History, American Government, and Mathematics or Statistics requirements will not count toward the 54-hour maximum allowed from one department.
- Courses with ATHL or LEIS prefixes and leisure activity courses may not be used for degree credit.

## Additional State/OSU Requirements

- At least: 60 hours at a four-year institution; 30 hours completed at OSU; 15 of the final 30 or 50% of the upper-division hours in the major field completed at OSU.
- Limit of: one-half of major course requirements as transfer work; one-fourth of hours earned by correspondence; 8 transfer correspondence hours.
- Students will be held responsible for degree requirements in effect at the time of matriculation and any changes that are made, so long as these changes do not result in semester credit hours being added or do not delay graduation.
- Degrees that follow this plan must be completed by the end of Summer 2028.

## Example Plan of Study Finish in Four Plan of Study

The plan below is an example of how students can successfully complete degree requirements in four years. This suggested class schedule plan may be used as a guide and can be adjusted based on individual needs. Students are required to meet with an academic advisor prior to enrollment each semester to plan their class schedule, and students are ultimately responsible for completing all degree requirements.

Course	Title	Hours
<b>Freshman</b>		
<b>Fall</b>		
ENGL 1113 or ENGL 1313	Composition I or Critical Analysis and Writing I	3
MATH 2144	Calculus I (A)	4
General Education courses		7
<b>Hours</b>		<b>14</b>
<b>Spring</b>		
ENGL 1213 or ENGL 1413	Composition II or Critical Analysis and Writing II	3
MATH 2153	Calculus II (A)	3
General Education courses		10
<b>Hours</b>		<b>16</b>

### Sophomore

<b>Fall</b>		
MATH 2163	Calculus III	3
PHYS 1114 or PHYS 2014	College Physics I (LN) or University Physics I (LN)	4
General Education courses		9
<b>Hours</b>		<b>16</b>

<b>Spring</b>		
MATH 2233	Differential Equations	3
MATH 3013	Linear Algebra (A)	3
PHYS 1214 or PHYS 2114	College Physics II (LN) or University Physics II (LN)	4
College and Elective courses		4
<b>Hours</b>		<b>14</b>

### Junior

<b>Fall</b>		
MATH 3613	Introduction to Abstract Algebra	3
1713 First Semester Foreign Language		3
Major, College, and Elective courses		9
<b>Hours</b>		<b>15</b>

<b>Spring</b>		
MATH 4023	Introduction to Analysis	3
1813 Second Semester Foreign Language		3
Major, College, and Elective courses		9
<b>Hours</b>		<b>15</b>

<b>Senior</b>		
<b>Fall</b>		
2000-level Foreign Language		3
Major, College, and Elective courses		12
<b>Hours</b>		<b>15</b>

<b>Spring</b>		
Major, College, and Elective courses		15
<b>Hours</b>		<b>15</b>
<b>Total Hours</b>		<b>120</b>



# Mathematics, BS

## Degree Requirements

**Requirements for Students Matriculating in or before Academic Year 2022-2023.** Learn more about University Academic Regulation 3.1 (p. 943).

**Minimum Overall Grade Point Average: 2.00**

**Total Hours: 120**

Code	Title	Hours
<b>General Education Requirements</b>		
<i>English Composition</i>		
See Academic Regulation 3.5 (p. 944)		
ENGL 1113	Composition I	3
or ENGL 1313	Critical Analysis and Writing I	
Select one of the following:		3
ENGL 1213	Composition II	
ENGL 1413	Critical Analysis and Writing II	
ENGL 3323	Technical Writing	
<i>American History &amp; Government</i>		
HIST 1103	Survey of American History	3
or HIST 1483	American History to 1865 (H)	
or HIST 1493	American History Since 1865 (DH)	
POLS 1113	American Government	3
<i>Analytical &amp; Quantitative Thought (A)</i>		
MATH 2144	Calculus I (A) <sup>1</sup>	4
CS 1103	Computer Programming (A) <sup>1</sup>	3
or CS 1113	Computer Science I (A)	
<i>Humanities (H)</i>		
Courses designated (H)		6
<i>Natural Sciences (N)</i>		
Must include one Laboratory Science (L) course		
PHYS 1114	College Physics I (LN) <sup>1</sup>	4
or PHYS 2014	University Physics I (LN)	
Course designated (N)		2
<i>Social &amp; Behavioral Sciences (S)</i>		
Course designated (S)		3
<i>Additional General Education</i>		
Courses designated (A), (H), (N), or (S)		6
<b>Hours Subtotal</b>		<b>40</b>
<b>Diversity (D) &amp; International Dimension (I)</b>		
May be completed in any part of the degree plan		
Select at least one Diversity (D) course		
Select at least one International Dimension (I) course		
<b>College/Departmental Requirements</b>		
<i>First Year Seminar</i>		
(Transfer students with 15 hours exempt)		1
<i>Arts &amp; Humanities</i>		
See note 2.a.		3
<i>Natural &amp; Mathematical Sciences</i>		
MATH 2153	Calculus II (A)	3
PHYS 1214	College Physics II (LN)	4

or PHYS 2114 University Physics II (LN)

Select two additional hours 2

See note 2.b.

*Foreign Language*

See note 3

0-6 hours

*Upper-Division General Education*

Select 6 hours outside major department

See note 2.c.

**Hours Subtotal 13**

**Major Requirements**

A minimum grade of "C" or "P" required in each course. Minimum 2.0 GPA in all MATH courses.

*Major Foundation*

MATH 2163 Calculus III 3

MATH 2233 Differential Equations 3

MATH 3013 Linear Algebra (A) 3

MATH 3613 Introduction to Abstract Algebra 3

Select one of the following: 3

MATH 3583 Introduction to Mathematical Modeling

MATH 3933 Research Methods

MATH 4423 Geometry and Algorithms in Three-Dimensional Modeling

Select one of the following: 3

STAT 4013 Statistical Methods I (A)

STAT 4033 Engineering Statistics

STAT 4053 Statistical Methods I for the Social Sciences (A)

*Tracks*

Select one track (p. 1424) 24

**Hours Subtotal 42**

**Electives**

Select 25 hours <sup>2</sup> 25

May need to include 6 hours of a foreign language. (see note 3.)

May need to include 6 hours upper-division general education outside major department (see note 2.c.) and 4 additional upper division hours

MATH 1513 and MATH 1813 required for students who do not place directly into MATH 2144.

**Hours Subtotal 25**

**Total Hours 120**

1

College and Departmental Requirements that may be used to meet General Education requirements.

2

With departmental approval, up to 30 hours from an accredited doctoral law or health program may be substituted for these areas.

## Tracks

### General Track

Code	Title	Hours
MATH 4023	Introduction to Analysis	3
Select 12 hours of the following:		12
MATH 4013	Calculus of Several Variables	
MATH 4063	Advanced Linear Algebra	
MATH 4083	Intermediate Analysis	
MATH 4143	Advanced Calculus I	
MATH 4153	Advanced Calculus II	
MATH 4233	Intermediate Differential Equations	
MATH 4263	Introduction to Partial Differential Equations	
MATH 4283	Complex Variables	
MATH 4343	Introduction to Topology	
MATH 4403	Geometry	
MATH 4423	Geometry and Algorithms in Three-Dimensional Modeling	
MATH 4453	Mathematical Interest Theory	
MATH 4513	Introduction to Numerical Analysis	
MATH 4553	Introduction to Optimization	
MATH 4603	Intermediate Abstract Algebra	
MATH 4613	Abstract Algebra I	
MATH 4623	Abstract Algebra II	
MATH 4663	Combinatorics	
MATH 4713	Number Theory	
MATH 4753	Introduction to Cryptography	
MATH 4813	Groups and Representations	
MATH 5213	Fourier Analysis and Wavelets	
Select 3 hours of 4000-level courses in MATH or STAT or upper-division CS or PHYS		3
Select 6 hours of upper division courses in any field <sup>2</sup>		6

2

With departmental approval, up to 30 hours from an accredited doctoral law or health program may be substituted for these areas.

### Applications Track

Code	Title	Hours
MATH 4233	Intermediate Differential Equations	3
or MATH 4263	Introduction to Partial Differential Equations	
MATH 4513	Introduction to Numerical Analysis	3
or MATH 4553	Introduction to Optimization	
Select 9 hours of the following:		9
MATH 4013	Calculus of Several Variables	
MATH 4023	Introduction to Analysis	
MATH 4063	Advanced Linear Algebra	
MATH 4083	Intermediate Analysis	
MATH 4143	Advanced Calculus I	
MATH 4263	Introduction to Partial Differential Equations	
MATH 4283	Complex Variables	
MATH 4343	Introduction to Topology	

MATH 4423	Geometry and Algorithms in Three-Dimensional Modeling	
MATH 4453	Mathematical Interest Theory	
MATH 4553	Introduction to Optimization	
MATH 4663	Combinatorics	
MATH 4713	Number Theory	
MATH 4753	Introduction to Cryptography	
MATH 4813	Groups and Representations	
MATH 5213	Fourier Analysis and Wavelets	
STAT 4203	Mathematical Statistics I	
Select 3 hours of 4000-level courses in MATH or STAT or upper division courses in CS, PHYS, CHE, ECEN, ENGR, ENSC, IEM, or MAE		3
Select 6 hours of upper-division AGECE, BIOL, CHEM, CS, ECON, FIN, GEOG, GEOL, MICR, P BIO, PHYS, CHE, ECEN, ENGR, ENSC, IEM, or MAE		6

### Preparation for Graduate Study Track

Code	Title	Hours
MATH 4023	Introduction to Analysis	3
MATH 4063	Advanced Linear Algebra	3
MATH 4283	Complex Variables	3
Select 9 hours of the following, with at least 3 hours from each group:		9
<i>Algebra and Discrete Math</i>		
MATH 4603	Intermediate Abstract Algebra	
MATH 4613	Abstract Algebra I <sup>3</sup>	
MATH 4623	Abstract Algebra II	
MATH 4663	Combinatorics	
MATH 4713	Number Theory	
MATH 4813	Groups and Representations	
<i>Analysis</i>		
MATH 4013	Calculus of Several Variables	
MATH 4083	Intermediate Analysis	
MATH 4143	Advanced Calculus I <sup>3</sup>	
MATH 4153	Advanced Calculus II	
Select one of the following:		3
<i>Geometry or Topology</i>		
MATH 4343	Introduction to Topology	
MATH 4403	Geometry	
MATH 5413	Differential Geometry	
<i>Applied Math</i>		
MATH 4233	Intermediate Differential Equations	
MATH 4263	Introduction to Partial Differential Equations	
MATH 4513	Introduction to Numerical Analysis	
MATH 4553	Introduction to Optimization	
Select 3 hours of 4000-level courses in MATH or STAT		3

3

Recommended as preparation for doctoral study.

## Other Requirements

- See the College of Arts and Sciences Requirements.
- **Upper-Division Credit:** Total hours must include at least 40 hours in courses numbered 3000 or above.
- **Hours in One Department:** For B.A. and B.S. degrees, no more than 54 hours in one department may be applied to degree requirements.

## College of Arts and Sciences Requirements

### 1. General Education Requirements

No more than two courses (or eight hours) from the major department (<http://catalog.okstate.edu/college-arts-sciences-major-departments/>) may be used to meet General Education and College and Departmental Requirements. The General Education required English Composition, required U.S. History, required American Government, one required MATH or STAT course, and required foreign language for B.A. degrees do not count against the two-course maximum.

### 2. A&S College/Departmental Requirements

- Arts and Humanities are defined as any course carrying an (H) designation or courses from AMST, ART, DANC, ENGL (except ENGL 3323 Technical Writing) HIST, MUSI, PHIL (except PHIL 1313 Logic and Critical Thinking (A), PHIL 3003 Symbolic Logic (A) and PHIL 4003 Mathematical Logic and Computability), REL, TH, and foreign languages.
- Natural and Mathematical Sciences are defined as any course from the following prefixes: ASTR, BIOC, BIOL, CHEM, CS (except CS 4883 Social Issues in Computing), GEOL, MATH, MICR, PBIO, PHYS, and STAT; or courses from other departments that carry an (A) or (N) general education designation.
- The required six hours of upper-division General Education may not include courses from the student's major department. This requirement may be satisfied by courses also used to satisfy any part of a student's degree program (i.e., in General Education, College Departmental Requirements, Major Requirements or Electives).
- Non-Western Studies Requirement for B.A. and B.F.A.; One 3-hour course in Non-Western Studies (N.W.). This requirement may be satisfied by courses also used to satisfy any part of a student's degree program (i.e., in General Education, College Departmental Requirements, Major Requirements or Electives).
- The College of Arts & Sciences requires a minimum 2.0 GPA in all major requirements and a minimum 2.0 GPA in all major-prefix courses applied to the degree.

### 3. Foreign Language Proficiency

- The foreign language requirement for the B.A. may be satisfied by 9 hours college credit in the same language, which must include 3 hours at the 2000-level, or equivalent proficiency (e.g., passing an advanced standing examination; TOEFL exam; presenting a high school transcript which demonstrates the high school was primarily conducted in a language other than English; etc.). Computer Science courses may not be used to satisfy this requirement. Currently Arabic and Mvskoke are not offered at the 2000-level at OSU.
- The foreign language requirement for the B.S., B.M. and B.F.A. may be satisfied by presenting a high school transcript which demonstrates two years of study of a single foreign language (passing grades at second-year level of study). It may also

be satisfied by 6 hours college credit in the same language, which must include language courses 1713 and 1813, or equivalent proficiency (e.g., passing an advanced standing examination; TOEFL exam; presenting a high school transcript which demonstrates the high school was primarily conducted in a language other than English; etc.). Computer Science courses may not be used to satisfy this requirement.

- In addition to a. and b., students pursuing teacher certification must meet novice-high foreign language proficiency by presenting a high school transcript which demonstrates two years of study of a single foreign language with no grade below B. Or, students may complete 3 hours college credit in a single language with no grade below C (or pass an advanced standing examination, College Level Examination Program (CLEP) exam, or Oral Proficiency Interview developed by the American Council on the Teaching of Foreign Languages, equivalent to 3 hours of college credit.) Or, students may meet the requirement by transfer of documentation of meeting the foreign language competency from one of the teacher education programs in the State of Oklahoma approved by the Oklahoma State Regents for Higher Education.

### 4. Exclusions

- Courses used to satisfy the General Education English Composition, U.S. History, American Government, and Mathematics or Statistics requirements will not count toward the 54-hour maximum allowed from one department.
- Courses with ATHL or LEIS prefixes and leisure activity courses may not be used for degree credit.

## Additional State/OSU Requirements

- At least: 60 hours at a four-year institution; 30 hours completed at OSU; 15 of the final 30 or 50% of the upper-division hours in the major field completed at OSU.
- Limit of: one-half of major course requirements as transfer work; one-fourth of hours earned by correspondence; 8 transfer correspondence hours.
- Students will be held responsible for degree requirements in effect at the time of matriculation and any changes that are made, so long as these changes do not result in semester credit hours being added or do not delay graduation.
- Degrees that follow this plan must be completed by the end of Summer 2028.

## Example Plan of Study

### Finish in Four Plan of Study

The plan below is an example of how students can successfully complete degree requirements in four years. This suggested class schedule plan may be used as a guide and can be adjusted based on individual needs. Students are required to meet with an academic advisor prior to enrollment each semester to plan their class schedule, and students are ultimately responsible for completing all degree requirements.

Course	Title	Hours
<b>Freshman</b>		
<b>Fall</b>		
ENGL 1113 or ENGL 1313	Composition I or Critical Analysis and Writing I	3
MATH 2144	Calculus I (A)	4

General Education courses		7
<b>Hours</b>		<b>14</b>
<b>Spring</b>		
ENGL 1213 or ENGL 1413	Composition II or Critical Analysis and Writing II	3
MATH 2153	Calculus II (A)	3
General Education courses		10
<b>Hours</b>		<b>16</b>
<b>Sophomore</b>		
<b>Fall</b>		
MATH 2163	Calculus III	3
PHYS 1114 or PHYS 2014	College Physics I (LN) or University Physics I (LN)	4
General Education courses		9
<b>Hours</b>		<b>16</b>
<b>Spring</b>		
MATH 2233	Differential Equations	3
MATH 3013	Linear Algebra (A)	3
PHYS 1214 or PHYS 2114	College Physics II (LN) or University Physics II (LN)	4
College and Elective courses		4
<b>Hours</b>		<b>14</b>
<b>Junior</b>		
<b>Fall</b>		
MATH 3613	Introduction to Abstract Algebra	3
Major, College, and Elective courses		12
<b>Hours</b>		<b>15</b>
<b>Spring</b>		
MATH 4023	Introduction to Analysis	3
Major, College, and Elective courses		12
<b>Hours</b>		<b>15</b>
<b>Senior</b>		
<b>Fall</b>		
Major, College, and Elective courses		15
<b>Hours</b>		<b>15</b>
<b>Spring</b>		
Major, College, and Elective courses		15
<b>Hours</b>		<b>15</b>
<b>Total Hours</b>		<b>120</b>

1

Speak with academic advisor about saving General Education electives and Humanities (H) for Upper-division courses with International (I) and Diversity (D) dimensions.

# Mathematics: Actuarial and Financial Mathematics, BS

## Degree Requirements

**Requirements for Students Matriculating in or before Academic Year 2022-2023.** Learn more about University Academic Regulation 3.1 (p. 943).

**Minimum Overall Grade Point Average: 2.50**

**Total Hours: 120**

Code	Title	Hours
<b>General Education Requirements</b>		
<i>English Composition</i>		
See Academic Regulation 3.5 (p. 944)		
ENGL 1113 or ENGL 1313	Composition I Critical Analysis and Writing I	3
Select one of the following:		3
ENGL 1213	Composition II	
ENGL 1413	Critical Analysis and Writing II	
ENGL 3323	Technical Writing	
<i>American History &amp; Government</i>		
HIST 1103 or HIST 1483 or HIST 1493	Survey of American History American History to 1865 (H) American History Since 1865 (DH)	3
POLS 1113	American Government	3
<i>Analytical &amp; Quantitative Thought (A)</i>		
MATH 2144	Calculus I (A) <sup>1</sup>	4
CS 1103 or CS 1113	Computer Programming (A) <sup>1</sup> Computer Science I (A)	3
<i>Humanities (H)</i>		
Courses designated (H)		6
<i>Natural Sciences (N)</i>		
Must include one Laboratory Science (L) course		
PHYS 1114 or PHYS 2014	College Physics I (LN) <sup>1</sup> University Physics I (LN)	4
Course designated (N)		2
<i>Social &amp; Behavioral Sciences (S)</i>		
ECON 2103	Introduction to Microeconomics (S) <sup>1,2</sup>	3
<i>Additional General Education</i>		
Courses designated (A), (H), (N), or (S)		6
<b>Hours Subtotal</b>		<b>40</b>
<b>Diversity (D) &amp; International Dimension (I)</b>		
May be completed in any part of the degree plan		
Select at least one Diversity (D) course		
Select at least one International Dimension (I) course		
<b>College/Departmental Requirements</b>		
<i>First Year Seminar</i>		
(Transfer students with 15 hours exempt)		1
<i>Arts &amp; Humanities</i>		
See note 2.a.		3
<i>Natural &amp; Mathematical Sciences</i>		
MATH 2153	Calculus II (A)	3

MATH 2163	Calculus III	3
STAT 4013 or STAT 4053	Statistical Methods I (A) Statistical Methods I for the Social Sciences (A)	3

### Foreign Language

See note 3

0-6 hours

### Upper-Division General Education

Select 6 hours outside major department

See note 2.c.

**Hours Subtotal 13**

### Major Requirements

Minimum GPA 2.50 and minimum grade of "C" or "P" in each course in Major Requirements.

#### Mathematics Core

Select 3 hours of the following: 3

CS 1113	Computer Science I (A)	
ENGR 1412	Introductory Engineering Computer Programming	
STAT 4091	Sas Programming	
STAT 4191	R Programming	
STAT 4193	SAS and R Programming	
MATH 2233	Differential Equations	3
MATH 3013	Linear Algebra (A)	3
MATH 3613 or MATH 4023	Introduction to Abstract Algebra Introduction to Analysis	3
MATH 3583	Introduction to Mathematical Modeling	3
MATH 4453	Mathematical Interest Theory	3
STAT 4203	Mathematical Statistics I	3

Select 9 hours of the following: 9

MATH 4013	Calculus of Several Variables	
MATH 4023	Introduction to Analysis	
MATH 4063	Advanced Linear Algebra	
MATH 4083	Intermediate Analysis	
MATH 4143	Advanced Calculus I	
MATH 4233	Intermediate Differential Equations	
MATH 4263	Introduction to Partial Differential Equations	
MATH 4283	Complex Variables	
MATH 4513	Introduction to Numerical Analysis	
MATH 4553	Introduction to Optimization	
MATH 4663	Combinatorics	
MATH 4753	Introduction to Cryptography	
MATH 5473	Financial Calculus	
STAT 4213	Mathematical Statistics II <sup>2</sup>	

Select 3 hours of the following: 3

ECON 4213	Econometric Methods	
ECON 4223	Business and Economic Forecasting	
STAT 4043	Applied Regression Analysis	
4000-level MATH or STAT		

#### Professional Requirements

ACCT 2003	Survey of Accounting <sup>2</sup>	3
ECON 2203	Introduction to Macroeconomics <sup>2</sup>	3
FIN 3113	Finance <sup>2</sup>	3

FIN 4223	Investments	3
FIN 4333	Financial Management	3
or FIN 4763	Financial Futures and Options Markets	
or FIN 4843	Risk Management	
Select 3 hours of the following:		3
4000-level course in MATH or STAT		
STAT 5053	Time Series Analysis	
Upper-division AGEC, ECON, or FIN		
MSIS 3103	End User Database Systems Design and Management <sup>3</sup>	
MSIS 3393	Advanced Spreadsheet Modeling and Programming <sup>3</sup>	
<b>Hours Subtotal</b>		<b>51</b>
<b>Electives</b>		
Select 16 hours		16
May need to include 6 hours of a foreign language. (see note 3)		
May need to include 6 hours upper-division general education outside major department (see note 2.c.).		
MATH 1513 and MATH 1813 required for students who do not place directly into MATH 2144.		
Recommended:		
FIN 3613	General Insurance	
BCOM 3113	Written Communication	
or BCOM 3223	Oral Communication	
or SPCH 3723	Business and Professional Communication	
MSIS 2103	Business Data Science Technologies <sup>3</sup>	
MKTG 3213	Marketing (S) <sup>4</sup>	
MGMT 3013	Fundamentals of Management (S) <sup>4</sup>	
<b>Hours Subtotal</b>		<b>16</b>
<b>Total Hours</b>		<b>120</b>

1

College and Departmental Requirements that may be used to meet General Education requirements.

2

Minimum grade of B required for the Society of Actuaries' Validation by Educational Experience (VEE) certification.

3

MSIS 2103 is required when MSIS 3103 or 3393 are selected.

4

These courses should be selected when including pre-MBA preparation.

## Other Requirements

- See the College of Arts and Sciences Requirements.
- Minimum grade of "C" or "P" in all MATH courses.
- **Upper-Division Credit:** Total hours must include at least 40 hours in courses numbered 3000 or above.
- **Hours in One Department:** For B.A. and B.S. degrees, no more than 54 hours in one department may be applied to degree requirements.

## College of Arts and Sciences Requirements

### 1. General Education Requirements

No more than two courses (or eight hours) from the major department (<http://catalog.okstate.edu/college-arts-sciences-major-departments/>) may be used to meet General Education and College and Departmental Requirements. The General Education required English Composition, required U.S. History, required American Government, one required MATH or STAT course, and required foreign language for B.A. degrees do not count against the two-course maximum.

### 2. A&S College/Departmental Requirements

- Arts and Humanities are defined as any course carrying an (H) designation or courses from AMST, ART, DANC, ENGL (except ENGL 3323 Technical Writing) HIST, MUSI, PHIL (except PHIL 1313 Logic and Critical Thinking (A), PHIL 3003 Symbolic Logic (A) and PHIL 4003 Mathematical Logic and Computability), REL, TH, and foreign languages.
- Natural and Mathematical Sciences are defined as any course from the following prefixes: ASTR, BIOC, BIOL, CHEM, CS (except CS 4883 Social Issues in Computing), GEOL, MATH, MICR, PBIO, PHYS, and STAT; or courses from other departments that carry an (A) or (N) general education designation.
- The required six hours of upper-division General Education may not include courses from the student's major department. This requirement may be satisfied by courses also used to satisfy any part of a student's degree program (i.e., in General Education, College Departmental Requirements, Major Requirements or Electives).
- Non-Western Studies Requirement for B.A. and B.F.A.; One 3-hour course in Non-Western Studies (N.W.). This requirement may be satisfied by courses also used to satisfy any part of a student's degree program (i.e., in General Education, College Departmental Requirements, Major Requirements or Electives).
- The College of Arts & Sciences requires a minimum 2.0 GPA in all major requirements and a minimum 2.0 GPA in all major-prefix courses applied to the degree.

### 3. Foreign Language Proficiency

- The foreign language requirement for the B.A. may be satisfied by 9 hours college credit in the same language, which must include 3 hours at the 2000-level, or equivalent proficiency (e.g., passing an advanced standing examination; TOEFL exam; presenting a high school transcript which demonstrates the high school was primarily conducted in a language other than English; etc.). Computer Science courses may not be used to satisfy this requirement. Currently Arabic and Mvskoke are not offered at the 2000-level at OSU.
- The foreign language requirement for the B.S., B.M. and B.F.A. may be satisfied by presenting a high school transcript which demonstrates two years of study of a single foreign language (passing grades at second-year level of study). It may also be satisfied by 6 hours college credit in the same language, which must include language courses 1713 and 1813, or equivalent proficiency (e.g., passing an advanced standing examination; TOEFL exam; presenting a high school transcript which demonstrates the high school was primarily conducted in a language other than English; etc.). Computer Science courses may not be used to satisfy this requirement.



- c. In addition to a. and b., students pursuing teacher certification must meet novice-high foreign language proficiency by presenting a high school transcript which demonstrates two years of study of a single foreign language with no grade below B. Or, students may complete 3 hours college credit in a single language with no grade below C (or pass an advanced standing examination, College Level Examination Program (CLEP) exam, or Oral Proficiency Interview developed by the American Council on the Teaching of Foreign Languages, equivalent to 3 hours of college credit.) Or, students may meet the requirement by transfer of documentation of meeting the foreign language competency from one of the teacher education programs in the State of Oklahoma approved by the Oklahoma State Regents for Higher Education.

#### 4. Exclusions

- Courses used to satisfy the General Education English Composition, U.S. History, American Government, and Mathematics or Statistics requirements will not count toward the 54-hour maximum allowed from one department.
- Courses with ATHL or LEIS prefixes and leisure activity courses may not be used for degree credit.

## Additional State/OSU Requirements

- At least: 60 hours at a four-year institution; 30 hours completed at OSU; 15 of the final 30 or 50% of the upper-division hours in the major field completed at OSU.
- Limit of: one-half of major course requirements as transfer work; one-fourth of hours earned by correspondence; 8 transfer correspondence hours.
- Students will be held responsible for degree requirements in effect at the time of matriculation and any changes that are made, so long as these changes do not result in semester credit hours being added or do not delay graduation.
- Degrees that follow this plan must be completed by the end of Summer 2028.

## Example Plan of Study

### Finish in Four Plan of Study

The plan below is an **example** of how students can successfully complete degree requirements in four years. This suggested class schedule plan may be used as a guide and can be adjusted based on individual needs. Students are required to meet with an academic advisor prior to enrollment each semester to plan their class schedule, and students are ultimately responsible for completing all degree requirements.

Course	Title	Hours
<b>Freshman</b>		
<b>Fall</b>		
ENGL 1113 or ENGL 1313	Composition I or Critical Analysis and Writing I	3
MATH 2144	Calculus I (A)	4
General Education courses		7
<b>Hours</b>		<b>14</b>
<b>Spring</b>		
ENGL 1213 or ENGL 1413	Composition II or Critical Analysis and Writing II	3
MATH 2153	Calculus II (A)	3
General Education courses		9
<b>Hours</b>		<b>15</b>

### Sophomore

<b>Fall</b>		
MATH 2163	Calculus III	3
PHYS 1114 or PHYS 2014	College Physics I (LN) or University Physics I (LN)	4
STAT 4013	Statistical Methods I (A)	3
ACCT 2003	Survey of Accounting	3
General Education courses		3
<b>Hours</b>		<b>16</b>
<b>Spring</b>		
MATH 2233	Differential Equations	3
MATH 3013	Linear Algebra (A)	3
PHYS 1214 or PHYS 2114	College Physics II (LN) or University Physics II (LN)	4
ECON 2103	Introduction to Microeconomics (S)	3
College and Elective courses		3
<b>Hours</b>		<b>16</b>

### Junior

<b>Fall</b>		
MATH 3613	Introduction to Abstract Algebra	3
STAT 4203	Mathematical Statistics I	3
ECON 2203	Introduction to Macroeconomics	3
Major, College, and Elective courses		6
<b>Hours</b>		<b>15</b>

### Spring

MATH 4023	Introduction to Analysis	3
MATH 4453	Mathematical Interest Theory	3
FIN 3113	Finance	3
Major, College, and Elective courses		6
<b>Hours</b>		<b>15</b>

### Senior

<b>Fall</b>		
FIN 4223	Investments	3
Major, College, and Elective courses		12
<b>Hours</b>		<b>15</b>
<b>Spring</b>		
Major, College, and Elective courses		14
<b>Hours</b>		<b>14</b>
<b>Total Hours</b>		<b>120</b>

# Mathematics: Applied Mathematics, BS

## Degree Requirements

**Requirements for Students Matriculating in or before Academic Year 2022-2023.** Learn more about University Academic Regulation 3.1 (p. 943).

**Minimum Overall Grade Point Average: 2.00**

**Total Hours: 120**

Code	Title	Hours
<b>General Education Requirements</b>		
<i>English Composition</i>		
See Academic Regulation 3.5 (p. 944)		
ENGL 1113 or ENGL 1313	Composition I Critical Analysis and Writing I	3
Select one of the following: 3		
ENGL 1213	Composition II	
ENGL 1413	Critical Analysis and Writing II	
ENGL 3323	Technical Writing	
<i>American History &amp; Government</i>		
HIST 1103 or HIST 1483 or HIST 1493	Survey of American History American History to 1865 (H) American History Since 1865 (DH)	3
POLS 1113	American Government	3
<i>Analytical &amp; Quantitative Thought (A)</i>		
MATH 2144	Calculus I (A) <sup>1</sup>	4
CS 1113	Computer Science I (A) <sup>1</sup>	3
<i>Humanities (H)</i>		
Courses designated (H) 6		
<i>Natural Sciences (N)</i>		
Must include one Laboratory Science (L) course		
PHYS 2014	University Physics I (LN) <sup>1</sup>	4
Course designated (N) 2		
<i>Social &amp; Behavioral Sciences (S)</i>		
ECON 2103 or AGECE 1113	Introduction to Microeconomics (S) <sup>1</sup> Introduction to Agricultural Economics (S)	3
<i>Additional General Education</i>		
Courses designated (A), (H), (N), or (S) 7		
<b>Hours Subtotal</b>		<b>41</b>
<b>Diversity (D) &amp; International Dimension (I)</b>		
May be completed in any part of the degree plan		
Select at least one Diversity (D) course		
Select at least one International Dimension (I) course		
<b>College/Departmental Requirements</b>		
<i>First Year Seminar</i>		
(Transfer students with 15 hours exempt) 1		
<i>Arts &amp; Humanities</i>		
See note 2.a. 3		
<i>Natural &amp; Mathematical Sciences</i>		
MATH 2153	Calculus II (A)	3
PHYS 2114	University Physics II (LN)	4

Select 2 additional hours. See note 2.b.		2
<i>Foreign Language</i>		
See note 3		
0-6 hours		
<i>Upper-Division General Education</i>		
Select 6 hours outside major department		
See note 2.c.		
<b>Hours Subtotal</b>		<b>13</b>
<b>Major Requirements</b>		
Minimum GPA 2.00 with a minimum grade of "C" or "P" in each course in Major Requirements.		
<i>Mathematics Core</i>		
MATH 2163	Calculus III	3
MATH 2233	Differential Equations	3
MATH 3013	Linear Algebra (A)	3
MATH 3613 or MATH 4023	Introduction to Abstract Algebra Introduction to Analysis	3
Select 3 hours of the following: 3		
CS 1103	Computer Programming (A)	
CS 2133	Computer Science II	
CS 2433	C/C++ Programming	
ENGR 1412	Introductory Engineering Computer Programming	
STAT 4091	Sas Programming	
STAT 4191	R Programming	
STAT 4193	SAS and R Programming	
Select 3 hours from the following: 3		
STAT 4013	Statistical Methods I (A)	
STAT 4033	Engineering Statistics	
STAT 4053	Statistical Methods I for the Social Sciences (A)	
MATH 3583	Introduction to Mathematical Modeling	3
MATH 4513 or MATH 4553	Introduction to Numerical Analysis Introduction to Optimization	3
MATH 4233 or MATH 4263	Intermediate Differential Equations Introduction to Partial Differential Equations	3
Select 9 hours from the following, with at least 3 hours of MATH from each group: 9		
Analysis:		
MATH 4013	Calculus of Several Variables	
MATH 4023	Introduction to Analysis	
MATH 4083	Intermediate Analysis	
MATH 4143	Advanced Calculus I	
MATH 4263	Introduction to Partial Differential Equations	
MATH 4283	Complex Variables	
MATH 4343	Introduction to Topology	
MATH 4423	Geometry and Algorithms in Three-Dimensional Modeling	
MATH 5213	Fourier Analysis and Wavelets	
STAT 4203	Mathematical Statistics I	
Applied Algebra/Discrete Math:		
MATH 4063	Advanced Linear Algebra	

MATH 4453	Mathematical Interest Theory	
MATH 4553	Introduction to Optimization	
MATH 4663	Combinatorics	
MATH 4713	Number Theory	
MATH 4753	Introduction to Cryptography	
MATH 4813	Groups and Representations	
CS 3653	Discrete Mathematics for Computer Science	
Select 3 hours of 4000-level courses in MATH or STAT or upper division CS		3
<i>Areas of Application</i>		
Select 9 hours from one Area of Application (p. 1431) <sup>2</sup>		9
<i>Capstone</i>		
Select 3 hours from a project or internship applying mathematical methods to a problem in the area of application:		3
MATH 4973	Senior Thesis	
MATH 4993	Senior Honors Thesis	
MATH 4590	Professional Practice in Mathematics (with approval of instructor and internship mentor)	
<b>Hours Subtotal</b>		<b>51</b>
<b>Electives</b>		
Select 15 hours		15
May need to include 6 hours of a foreign language (see note 3)		
May need to include 6 hours upper-division general education outside major department (see note 2.c.) and 1 additional upper division hour		
MATH 1513 and MATH 1813 required for students who do not place directly into MATH 2144.		
<b>Hours Subtotal</b>		<b>15</b>
<b>Total Hours</b>		<b>120</b>

1

College and Departmental Requirements that may be used to meet General Education requirements.

2

An alternative 9 hour plan with at least 6 upper division hours may be used with Departmental approval.

3

If Bioinformatics is selected, additional required courses BIOL 1114, CHEM 1314, and MICR 2132 may be used to meet Additional General Education, Natural and Mathematical Sciences, or Elective requirements.

## Area of Application

### Agricultural Economics

Code	Title	Hours
AGEC 3213	Quantitative Methods in Agricultural Economics	3
AGEC 3333	Agricultural Marketing and Price Analysis	3
AGEC 4213	Advanced Quantitative Methods in Agricultural Economics	3
or AGECE 4333	Commodity Futures Markets	

## Bioinformatics

Code	Title	Hours
MICR 2123	Introduction to Microbiology <sup>3</sup>	3
MICR 3033	Cell and Molecular Biology	3
MICR 4203	Bioinformatics	3

## Cognitive Sciences

Code	Title	Hours
CS 4793	Artificial Intelligence I	3
Select one of the following:		
PHIL 4003	Mathematical Logic and Computability	
PHIL 4313	Philosophy of Mind (H)	
PHIL 4543	Philosophy of Language	
PSYC 3173	Introduction to Cognitive Science (N)	3

## Data Science

Code	Title	Hours
MSIS 2103	Business Data Science Technologies	3
MSIS 3223	Principles of Data Analytics	3
MSIS 3103	End User Database Systems Design and Management	3
or MSIS 3333	Database Systems Development	

## Economics

Code	Title	Hours
ECON 2203	Introduction to Macroeconomics	3
ECON 3113	Intermediate Microeconomics	3
or ECON 3123	Intermediate Macroeconomics	
Select 3 hours of upper division ECON		3

## Energy Finance

Code	Title	Hours
ACCT 2003	Survey of Accounting	3
FIN 3113	Finance	3
Select 3 hours from the following:		
ECON 4113	Energy Economics: Traditional and Renewable Energy Markets	
FIN 4003	Introduction to Energy Business	
FIN 4363	Energy Finance	

## Finance

Code	Title	Hours
ACCT 2003	Survey of Accounting	3
FIN 3113	Finance	3
Select 3 hours of the following:		
FIN 4223	Investments	
FIN 4333	Financial Management	
FIN 4763	Financial Futures and Options Markets	
FIN 4843	Risk Management	

## Geographic Information Science

Code	Title	Hours
GEOG 4203	Fundamentals of Geographic Information Systems	3

GEOG 4343	Geographic Information Systems: Resource Management Applications	3
or GEOG 4353	Geographic Information Systems: Socioeconomic Applications	
Select 3 hours of the following:		3
GEOG 3333	Spatial Analysis (A)	
GEOG 4333	Remote Sensing	
GEOG 4383	Introduction to GIS Programming	

## Geophysical Analysis

Code	Title	Hours
ENSC 2113	Statics	3
ENSC 3233	Fluid Mechanics	3
GEOL 4103	Introduction to Geophysical Exploration	3

## Operations Research

Code	Title	Hours
IEM 3103	Probability and Statistics for Engineers I	3
IEM 3703	Probability and Statistics for Engineers II	3
IEM 4013	Operations Research	3

## Physics

Code	Title	Hours
PHYS 2203	University Physics III	3
Select 6 hours of upper-division PHYS		6

## Other Requirements

- See the College of Arts and Sciences Requirements.
- Minimum grade of "C" or "P" in all required MATH courses.
- **Upper-Division Credit:** Total hours must include at least 40 hours in courses numbered 3000 or above.
- **Hours in One Department:** For B.A. and B.S. degrees, no more than 54 hours in one department may be applied to degree requirements.

## College of Arts and Sciences Requirements

### 1. General Education Requirements

No more than two courses (or eight hours) from the major department (<http://catalog.okstate.edu/college-arts-sciences-major-departments/>) may be used to meet General Education and College and Departmental Requirements. The General Education required English Composition, required U.S. History, required American Government, one required MATH or STAT course, and required foreign language for B.A. degrees do not count against the two-course maximum.

### 2. A&S College/Departmental Requirements

- Arts and Humanities are defined as any course carrying an (H) designation or courses from AMST, ART, DANC, ENGL (except ENGL 3323 Technical Writing) HIST, MUSI, PHIL (except PHIL 1313 Logic and Critical Thinking (A), PHIL 3003 Symbolic Logic (A) and PHIL 4003 Mathematical Logic and Computability), REL, TH, and foreign languages.
- Natural and Mathematical Sciences are defined as any course from the following prefixes: ASTR, BIOC, BIOL, CHEM, CS (except CS 4883 Social Issues in Computing), GEOL, MATH, MICR, PBIO,

PHYS, and STAT; or courses from other departments that carry an (A) or (N) general education designation.

- The required six hours of upper-division General Education may not include courses from the student's major department. This requirement may be satisfied by courses also used to satisfy any part of a student's degree program (i.e., in General Education, College Departmental Requirements, Major Requirements or Electives).
- Non-Western Studies Requirement for B.A. and B.F.A.; One 3-hour course in Non-Western Studies (N.W.). This requirement may be satisfied by courses also used to satisfy any part of a student's degree program (i.e., in General Education, College Departmental Requirements, Major Requirements or Electives).
- The College of Arts & Sciences requires a minimum 2.0 GPA in all major requirements and a minimum 2.0 GPA in all major-prefix courses applied to the degree.

### 3. Foreign Language Proficiency

- The foreign language requirement for the B.A. may be satisfied by 9 hours college credit in the same language, which must include 3 hours at the 2000-level, or equivalent proficiency (e.g., passing an advanced standing examination; TOEFL exam; presenting a high school transcript which demonstrates the high school was primarily conducted in a language other than English; etc.). Computer Science courses may not be used to satisfy this requirement. Currently Arabic and Mvskoke are not offered at the 2000-level at OSU.
- The foreign language requirement for the B.S., B.M. and B.F.A. may be satisfied by presenting a high school transcript which demonstrates two years of study of a single foreign language (passing grades at second-year level of study). It may also be satisfied by 6 hours college credit in the same language, which must include language courses 1713 and 1813, or equivalent proficiency (e.g., passing an advanced standing examination; TOEFL exam; presenting a high school transcript which demonstrates the high school was primarily conducted in a language other than English; etc.). Computer Science courses may not be used to satisfy this requirement.
- In addition to a. and b., students pursuing teacher certification must meet novice-high foreign language proficiency by presenting a high school transcript which demonstrates two years of study of a single foreign language with no grade below B. Or, students may complete 3 hours college credit in a single language with no grade below C (or pass an advanced standing examination, College Level Examination Program (CLEP) exam, or Oral Proficiency Interview developed by the American Council on the Teaching of Foreign Languages, equivalent to 3 hours of college credit.) Or, students may meet the requirement by transfer of documentation of meeting the foreign language competency from one of the teacher education programs in the State of Oklahoma approved by the Oklahoma State Regents for Higher Education.

### 4. Exclusions

- Courses used to satisfy the General Education English Composition, U.S. History, American Government, and Mathematics or Statistics requirements will not count toward the 54-hour maximum allowed from one department.
- Courses with ATHL or LEIS prefixes and leisure activity courses may not be used for degree credit.

## Additional State/OSU Requirements

- At least: 60 hours at a four-year institution; 30 hours completed at OSU; 15 of the final 30 or 50% of the upper-division hours in the major field completed at OSU.
- Limit of: one-half of major course requirements as transfer work; one-fourth of hours earned by correspondence; 8 transfer correspondence hours.
- Students will be held responsible for degree requirements in effect at the time of matriculation and any changes that are made, so long as these changes do not result in semester credit hours being added or do not delay graduation.
- Degrees that follow this plan must be completed by the end of Summer 2028.

### Senior

#### Fall

Major, College, and Elective courses	15
<b>Hours</b>	<b>15</b>

#### Spring

Major, College, and Elective courses	15
<b>Hours</b>	<b>15</b>
<b>Total Hours</b>	<b>120</b>

## Example Plan of Study

### Finish in Four Plan of Study

The plan below is an **example** of how students can successfully complete degree requirements in four years. This suggested class schedule plan may be used as a guide and can be adjusted based on individual needs. Students are required to meet with an academic advisor prior to enrollment each semester to plan their class schedule, and students are ultimately responsible for completing all degree requirements.

Course	Title	Hours
<b>Freshman</b>		
<b>Fall</b>		
ENGL 1113 or ENGL 1313	Composition I or Critical Analysis and Writing I	3
MATH 2144	Calculus I (A)	4
General Education courses		7
<b>Hours</b>		<b>14</b>
<b>Spring</b>		
ENGL 1213 or ENGL 1413	Composition II or Critical Analysis and Writing II	3
MATH 2153	Calculus II (A)	3
General Education courses		10
<b>Hours</b>		<b>16</b>
<b>Sophomore</b>		
<b>Fall</b>		
MATH 2163	Calculus III	3
PHYS 1114 or PHYS 2014	College Physics I (LN) or University Physics I (LN)	4
General Education courses		9
<b>Hours</b>		<b>16</b>
<b>Spring</b>		
MATH 2233	Differential Equations	3
MATH 3013	Linear Algebra (A)	3
PHYS 1214 or PHYS 2114	College Physics II (LN) or University Physics II (LN)	4
College and Elective courses		4
<b>Hours</b>		<b>14</b>
<b>Junior</b>		
<b>Fall</b>		
MATH 3613	Introduction to Abstract Algebra	3
Major, College, and Elective courses		12
<b>Hours</b>		<b>15</b>
<b>Spring</b>		
MATH 4023	Introduction to Analysis	3
Major, College, and Elective courses		12
<b>Hours</b>		<b>15</b>

## Mathematics: Pre-Law, BS

### Degree Requirements

**Requirements for Students Matriculating in or before Academic Year 2022-2023.** Learn more about University Academic Regulation 3.1 (p. 943).

**Minimum Overall Grade Point Average: 2.50**

**Total Hours: 120**

Code	Title	Hours
<b>General Education Requirements</b>		
<i>English Composition</i>		
See Academic Regulation 3.5 (p. 944)		
ENGL 1113	Composition I	3
or ENGL 1313	Critical Analysis and Writing I	
Select one of the following:		3
ENGL 1213	Composition II	
ENGL 1413	Critical Analysis and Writing II	
ENGL 3323	Technical Writing	
<i>American History &amp; Government</i>		
HIST 1103	Survey of American History	3
or HIST 1483	American History to 1865 (H)	
or HIST 1493	American History Since 1865 (DH)	
POLS 1113	American Government	3
<i>Analytical &amp; Quantitative Thought (A)</i>		
MATH 2144	Calculus I (A) <sup>1</sup>	4
CS 1103	Computer Programming (A) <sup>1</sup>	3
or CS 1113	Computer Science I (A)	
<i>Humanities (H)</i>		
Courses designated (H)		6
<i>Natural Sciences (N)</i>		
Must include one Laboratory Science (L) course		
PHYS 1114	College Physics I (LN) <sup>1</sup>	4
or PHYS 2014	University Physics I (LN)	
Course designated (N)		2
<i>Social &amp; Behavioral Sciences (S)</i>		
ECON 2103	Introduction to Microeconomics (S) <sup>1</sup>	3
<i>Additional General Education</i>		
Courses designated (A), (H), (N), or (S)		7
<b>Hours Subtotal</b>		<b>41</b>
<b>Diversity (D) &amp; International Dimension (I)</b>		
May be completed in any part of the degree plan		
Select at least one Diversity (D) course		
Select at least one International Dimension (I) course		
<b>College/Departmental Requirements</b>		
<i>First Year Seminar</i>		
(Transfer students with 15 hours exempt)		1
<i>Arts &amp; Humanities</i>		
See note 2.a.		3
<i>Natural &amp; Mathematical Sciences</i>		
MATH 2153	Calculus II (A)	3
MATH 2163	Calculus III	3

STAT 4013	Statistical Methods I (A)	3
or STAT 4053	Statistical Methods I for the Social Sciences (A)	
<i>Foreign Language</i>		
See note 3		
0-6 hours		
<i>Upper-Division General Education</i>		
Select 6 hours outside major department		
See note 2.c.		
<b>Hours Subtotal</b>		<b>13</b>
<b>Major Requirements</b>		
A minimum grade of "C" or "P" is required in each course.		
<i>Mathematics Core</i>		
MATH 2233	Differential Equations	3
MATH 3013	Linear Algebra (A)	3
MATH 3613	Introduction to Abstract Algebra	3
MATH 4023	Introduction to Analysis	3
MATH 4663	Combinatorics	3
Select 3 hours of the following:		3
MATH 3583	Introduction to Mathematical Modeling	
MATH 3933	Research Methods	
MATH 4423	Geometry and Algorithms in Three-Dimensional Modeling	
Select 9 hours of the following:		9
MATH 4013	Calculus of Several Variables	
MATH 4063	Advanced Linear Algebra	
MATH 4083	Intermediate Analysis	
MATH 4143	Advanced Calculus I	
MATH 4153	Advanced Calculus II	
MATH 4233	Intermediate Differential Equations	
MATH 4263	Introduction to Partial Differential Equations	
MATH 4283	Complex Variables	
MATH 4343	Introduction to Topology	
MATH 4403	Geometry	
MATH 4423	Geometry and Algorithms in Three-Dimensional Modeling	
MATH 4453	Mathematical Interest Theory	
MATH 4513	Introduction to Numerical Analysis	
MATH 4553	Introduction to Optimization	
MATH 4603	Intermediate Abstract Algebra	
MATH 4613	Abstract Algebra I	
MATH 4623	Abstract Algebra II	
MATH 4713	Number Theory	
MATH 4753	Introduction to Cryptography	
MATH 4813	Groups and Representations	
STAT 4203	Mathematical Statistics I	
Select 3 hours of the following:		3
4000-level MATH or STAT		
ECON 4213	Econometric Methods	
ECON 4223	Business and Economic Forecasting	
Upper-division CS or PHYS		
<i>Pre-Law Preparation</i> <sup>2</sup>		
ACCT 2003	Survey of Accounting	3



ENGL 3323	Technical Writing	3
SPCH 3733	Elements of Persuasion (S)	3
Select 9 hours, including 6 upper division hours, of the following:		9
AGEC 3713	Agricultural Law	
ECON 2203	Introduction to Macroeconomics	
ECON 3113	Intermediate Microeconomics	
ECON 3123	Intermediate Macroeconomics	
ECON 3213	Game Theory and Experimental Economics	
ECON 3313	Money and Banking	
ECON 3423	Public Finance	
ECON 3823	American Economy: The Past and Present (S)	
ENGR 4113	Intellectual Property Law for Technical Professionals (S)	
FIN 3113	Finance	
HIST 4513	Economic History of the US (S)	
HONR 2013	Honors Law and Legal Institutions (S)	
LSB 3213	Legal and Regulatory Environment of Business	
MGMT 3013	Fundamentals of Management (S) <sup>3</sup>	
MKTG 3213	Marketing (S) <sup>3</sup>	
PHIL 3413	Ethical Theory (H)	
PHIL 3843	Philosophy of Law (H)	
POLS 2023	The Individual And The Law	
POLS 3983	Courts and Judicial Process (S)	
POLS 3993	Legal Research And Analysis	
POLS 4963	U.S. Constitution: Civil Rights and Civil Liberties	
POLS 4973	U.S. Constitution: Separation of Powers	
PSYC 4143	Psychology and Law	
SOC 4033	Comparative Perspectives of Criminal Justice Systems (IS)	
SOC 4313	Sociology of Law	

**Hours Subtotal** **48**

#### Electives

Select 18 hours <sup>2</sup> **18**

May need to include 6 hours of a foreign language. See note 3

May need to include 6 hours upper-division general education outside major department (see note 2.c.)

MATH 1513 and MATH 1813 required for students who do not place directly into MATH 2144.

Recommended courses:

PSYC 1113	Introductory Psychology (S)	
SOC 1113	Introductory Sociology (S)	
SPCH 2713	Introduction to Speech Communication (S)	

See <http://preprofessional.okstate.edu> for additional information.

**Hours Subtotal** **18**

**Total Hours** **120**

1

College and Departmental Requirements that may be used to meet General Education Requirements.

2

With departmental approval, up to 30 hours from an accredited doctoral law program may be substituted for these areas.

3

These courses should be selected when including pre-MBA preparation.

## Other Requirements

- See the College of Arts and Sciences Requirements.
- Minimum 2.50 GPA in all required MATH courses.
- **Upper-Division Credit:** Total hours must include at least 40 hours in courses numbered 3000 or above.
- **Hours in One Department:** For B.A. and B.S. degrees, no more than 54 hours in one department may be applied to degree requirements.

## College of Arts and Sciences Requirements

### 1. General Education Requirements

No more than two courses (or eight hours) from the major department (<http://catalog.okstate.edu/college-arts-sciences-major-departments/>) may be used to meet General Education and College and Departmental Requirements. The General Education required English Composition, required U.S. History, required American Government, one required MATH or STAT course, and required foreign language for B.A. degrees do not count against the two-course maximum.

### 2. A&S College/Departmental Requirements

- Arts and Humanities are defined as any course carrying an (H) designation or courses from AMST, ART, DANC, ENGL (except ENGL 3323 Technical Writing) HIST, MUSI, PHIL (except PHIL 1313 Logic and Critical Thinking (A), PHIL 3003 Symbolic Logic (A) and PHIL 4003 Mathematical Logic and Computability), REL, TH, and foreign languages.
- Natural and Mathematical Sciences are defined as any course from the following prefixes: ASTR, BIOC, BIOL, CHEM, CS (except CS 4883 Social Issues in Computing), GEOL, MATH, MICR, PBIO, PHYS, and STAT; or courses from other departments that carry an (A) or (N) general education designation.
- The required six hours of upper-division General Education may not include courses from the student's major department. This requirement may be satisfied by courses also used to satisfy any part of a student's degree program (i.e., in General Education, College Departmental Requirements, Major Requirements or Electives).
- Non-Western Studies Requirement for B.A. and B.F.A.; One 3-hour course in Non-Western Studies (N.W.). This requirement may be satisfied by courses also used to satisfy any part of a student's degree program (i.e., in General Education, College Departmental Requirements, Major Requirements or Electives).
- The College of Arts & Sciences requires a minimum 2.0 GPA in all major requirements and a minimum 2.0 GPA in all major-prefix courses applied to the degree.

### 3. Foreign Language Proficiency

- The foreign language requirement for the B.A. may be satisfied by 9 hours college credit in the same language, which must include 3 hours at the 2000-level, or equivalent proficiency (e.g., passing an advanced standing examination; TOEFL exam; presenting a high school transcript which demonstrates the high school

was primarily conducted in a language other than English; etc.). Computer Science courses may not be used to satisfy this requirement. Currently Arabic and Mvskoke are not offered at the 2000-level at OSU.

- b. The foreign language requirement for the B.S., B.M. and B.F.A. may be satisfied by presenting a high school transcript which demonstrates two years of study of a single foreign language (passing grades at second-year level of study). It may also be satisfied by 6 hours college credit in the same language, which must include language courses 1713 and 1813, or equivalent proficiency (e.g., passing an advanced standing examination; TOEFL exam; presenting a high school transcript which demonstrates the high school was primarily conducted in a language other than English; etc.). Computer Science courses may not be used to satisfy this requirement.
- c. In addition to a. and b., students pursuing teacher certification must meet novice-high foreign language proficiency by presenting a high school transcript which demonstrates two years of study of a single foreign language with no grade below B. Or, students may complete 3 hours college credit in a single language with no grade below C (or pass an advanced standing examination, College Level Examination Program (CLEP) exam, or Oral Proficiency Interview developed by the American Council on the Teaching of Foreign Languages, equivalent to 3 hours of college credit.) Or, students may meet the requirement by transfer of documentation of meeting the foreign language competency from one of the teacher education programs in the State of Oklahoma approved by the Oklahoma State Regents for Higher Education.

#### 4. Exclusions

- a. Courses used to satisfy the General Education English Composition, U.S. History, American Government, and Mathematics or Statistics requirements will not count toward the 54-hour maximum allowed from one department.
- b. Courses with ATHL or LEIS prefixes and leisure activity courses may not be used for degree credit.

## Additional State/OSU Requirements

- At least: 60 hours at a four-year institution; 30 hours completed at OSU; 15 of the final 30 or 50% of the upper-division hours in the major field completed at OSU.
- Limit of: one-half of major course requirements as transfer work; one-fourth of hours earned by correspondence; 8 transfer correspondence hours.
- Students will be held responsible for degree requirements in effect at the time of matriculation and any changes that are made, so long as these changes do not result in semester credit hours being added or do not delay graduation.
- Degrees that follow this plan must be completed by the end of Summer 2028.

## Example Plan of Study

### Finish in Four Plan of Study

The plan below is an **example** of how students can successfully complete degree requirements in four years. This suggested class schedule plan may be used as a guide and can be adjusted based on individual needs. Students are required to meet with an academic advisor prior to

enrollment each semester to plan their class schedule, and students are ultimately responsible for completing all degree requirements.

Course	Title	Hours
<b>Freshman</b>		
<b>Fall</b>		
ENGL 1113 or ENGL 1313	Composition I or Critical Analysis and Writing I	3
MATH 2144	Calculus I (A)	4
General Education courses		7
<b>Hours</b>		<b>14</b>
<b>Spring</b>		
ENGL 1213 or ENGL 1413	Composition II or Critical Analysis and Writing II	3
MATH 2153	Calculus II (A)	3
General Education courses		10
<b>Hours</b>		<b>16</b>
<b>Sophomore</b>		
<b>Fall</b>		
MATH 2163	Calculus III	3
PHYS 1114 or PHYS 2014	College Physics I (LN) or University Physics I (LN)	4
General Education courses		9
<b>Hours</b>		<b>16</b>
<b>Spring</b>		
MATH 2233	Differential Equations	3
MATH 3013	Linear Algebra (A)	3
PHYS 1214 or PHYS 2114	College Physics II (LN) or University Physics II (LN)	4
College and Elective courses		4
<b>Hours</b>		<b>14</b>
<b>Junior</b>		
<b>Fall</b>		
MATH 3613	Introduction to Abstract Algebra	3
ENGL 3323	Technical Writing	3
Major, College, and Elective courses		9
<b>Hours</b>		<b>15</b>
<b>Spring</b>		
MATH 4023	Introduction to Analysis	3
MATH 4663	Combinatorics	3
Major, College, and Elective courses		9
<b>Hours</b>		<b>15</b>
<b>Senior</b>		
<b>Fall</b>		
Major, College, and Elective courses		15
<b>Hours</b>		<b>15</b>
<b>Spring</b>		
Major, College, and Elective courses		15
<b>Hours</b>		<b>15</b>
<b>Total Hours</b>		<b>120</b>

# Mathematics: Pre-Medical Sciences, BS

## Degree Requirements

Requirements for Students Matriculating in or before Academic Year 2022-2023. Learn more about University Academic Regulation 3.1 (p. 943).

Minimum Overall Grade Point Average: 2.50

Total Hours: 120

Code	Title	Hours
<b>General Education Requirements</b>		
<i>English Composition</i>		
See Academic Regulation 3.5 (p. 944)		
ENGL 1113	Composition I	3
or ENGL 1313	Critical Analysis and Writing I	
Select one of the following:		3
ENGL 1213	Composition II	
ENGL 1413	Critical Analysis and Writing II	
ENGL 3323	Technical Writing	
<i>American History &amp; Government</i>		
HIST 1103	Survey of American History	3
or HIST 1483	American History to 1865 (H)	
or HIST 1493	American History Since 1865 (DH)	
POLS 1113	American Government	3
<i>Analytical &amp; Quantitative Thought (A)</i>		
MATH 2144	Calculus I (A) <sup>1</sup>	4
CS 1103	Computer Programming (A) <sup>1</sup>	3
or CS 1113	Computer Science I (A)	
<i>Humanities (H)</i>		
Courses designated (H)		6
<i>Natural Sciences (N)</i>		
Must include one Laboratory Science (L) course		
BIOL 1113	Introductory Biology (N)	4
& BIOL 1111	and Introductory Biology Laboratory (LN)	
or BIOL 1114	Introductory Biology (LN)	
PHYS 1114	College Physics I (LN) <sup>1</sup>	4
or PHYS 2014	University Physics I (LN)	
PHYS 1214	College Physics II (LN) <sup>1</sup>	4
or PHYS 2114	University Physics II (LN)	
<i>Social &amp; Behavioral Sciences (S)</i>		
PSYC 1113	Introductory Psychology (S)	3
<b>Hours Subtotal</b>		<b>40</b>
<b>Diversity (D) &amp; International Dimension (I)</b>		
May be completed in any part of the degree plan		
Select at least one Diversity (D) course		
Select at least one International Dimension (I) course		
<b>College/Departmental Requirements</b>		
<i>First Year Seminar</i>		
(Transfer students with 15 hours exempt)		1
<i>Arts &amp; Humanities</i>		
See note 2.a.		3

Recommend HIST 3913 or PHIL 3833

*Natural & Mathematical Sciences*

CHEM 1314 Chemistry I (LN) 4

CHEM 1515 Chemistry II (LN) 5

*Foreign Language*

See note 3 0

0-6 hours

*Upper-Division General Education*

Select 6 hours outside major department

See note 2.c.

**Hours Subtotal 13**

**Major Requirements**

A minimum grade of "C" or "P" is required in each course.

*Mathematics Core*

MATH 2153 Calculus II (A) 3

MATH 2163 Calculus III 3

MATH 2233 Differential Equations 3

MATH 3013 Linear Algebra (A) 3

MATH 3613 Introduction to Abstract Algebra 3

Select 3 hours of the following: 3

MATH 3583 Introduction to Mathematical Modeling

MATH 3933 Research Methods

MATH 4423 Geometry and Algorithms in Three-Dimensional Modeling

Select 3 hours of the following: 3

MATH 4023 Introduction to Analysis

MATH 4263 Introduction to Partial Differential Equations

MATH 4513 Introduction to Numerical Analysis

Select 9 hours of the following: 9

MATH 4013 Calculus of Several Variables

MATH 4023 Introduction to Analysis

MATH 4063 Advanced Linear Algebra

MATH 4083 Intermediate Analysis

MATH 4143 Advanced Calculus I

MATH 4153 Advanced Calculus II

MATH 4233 Intermediate Differential Equations

MATH 4263 Introduction to Partial Differential Equations

MATH 4283 Complex Variables

MATH 4343 Introduction to Topology

MATH 4403 Geometry

MATH 4423 Geometry and Algorithms in Three-Dimensional Modeling

MATH 4453 Mathematical Interest Theory

MATH 4513 Introduction to Numerical Analysis

MATH 4553 Introduction to Optimization

MATH 4603 Intermediate Abstract Algebra

MATH 4613 Abstract Algebra I

MATH 4623 Abstract Algebra II

MATH 4663 Combinatorics

MATH 4713 Number Theory

MATH 4753 Introduction to Cryptography

MATH 4813	Groups and Representations	
Select 3 hours of the following:		3
STAT 4013	Statistical Methods I (A)	
STAT 4033	Engineering Statistics	
STAT 4053	Statistical Methods I for the Social Sciences (A)	
Select 3 hours of 4000-level MATH or STAT <sup>2</sup>		3
Select 3 hours of the following:		3
4000-level MATH or STAT		
Upper-Division CS or PHYS		
CHEM 3433	Physical Chemistry I	
MICR 4203	Bioinformatics	
<i>Pre-Med Sciences</i>		
Biology:		
BIOL 1604	Animal Biology	4
Physiology or Organic Chemistry:		
Select 8 hours from the following:		8
BIOL 3204 & BIOL 3214	Physiology and Human Anatomy	
CHEM 3053 & CHEM 3153 & CHEM 3112	Organic Chemistry I and Organic Chemistry II and Organic Chemistry Laboratory	
Select 6 hours from the following, with 3 hours upper-division:		6
BIOC 3653	Survey of Biochemistry	
BIOL 3023	General Genetics	
BIOL 3233	Human Reproduction	
MICR 2123	Introduction to Microbiology	
MICR 2132	Introduction to Microbiology Laboratory	
MICR 3033	Cell and Molecular Biology	
MICR 3223	Advanced Microbiology	
MICR 3253	Immunology	
PSYC 2583	Developmental Psychology (S)	
PSYC 3443	Abnormal Psychology (S)	
<b>Hours Subtotal</b>		<b>57</b>
<b>Electives</b>		
Select 10 hours		10
May need to include 6 hours of a foreign language. (see note 3.)		
May need to include 6 hours upper-division general education outside major department (see note 2.c.)		
MATH 1513 and MATH 1813 required for students who do not place directly into MATH 2144.		
Strongly recommended:		
SOC 1113	Introductory Sociology (S)	
Additional requirements for professional school admission exist. View the Admission Requirement Sheets at <a href="http://preprofessional.okstate.edu">http://preprofessional.okstate.edu</a>		
<b>Hours Subtotal</b>		<b>10</b>
<b>Total Hours</b>		<b>120</b>

1

College and Departmental Requirements that may be used to meet General Education Requirements.

2

STAT 4023 Statistical Methods II, STAT 4043 Applied Regression Analysis or STAT 4063 Statistical Methods II for the Social Sciences recommended.

## Other Requirements

- See the College of Arts and Sciences Requirements.
- Minimum 2.50 GPA in all required MATH courses.
- **Upper-Division Credit:** Total hours must include at least 40 hours in courses numbered 3000 or above.
- **Hours in One Department:** For B.A. and B.S. degrees, no more than 54 hours in one department may be applied to degree requirements.

## College of Arts and Sciences Requirements

### 1. General Education Requirements

No more than two courses (or eight hours) from the major department (<http://catalog.okstate.edu/college-arts-sciences-major-departments/>) may be used to meet General Education and College and Departmental Requirements. The General Education required English Composition, required U.S. History, required American Government, one required MATH or STAT course, and required foreign language for B.A. degrees do not count against the two-course maximum.

### 2. A&S College/Departmental Requirements

- Arts and Humanities are defined as any course carrying an (H) designation or courses from AMST, ART, DANC, ENGL (except ENGL 3323 Technical Writing) HIST, MUSI, PHIL (except PHIL 1313 Logic and Critical Thinking (A), PHIL 3003 Symbolic Logic (A) and PHIL 4003 Mathematical Logic and Computability), REL, TH, and foreign languages.
- Natural and Mathematical Sciences are defined as any course from the following prefixes: ASTR, BIOC, BIOL, CHEM, CS (except CS 4883 Social Issues in Computing), GEOL, MATH, MICR, PBIO, PHYS, and STAT; or courses from other departments that carry an (A) or (N) general education designation.
- The required six hours of upper-division General Education may not include courses from the student's major department. This requirement may be satisfied by courses also used to satisfy any part of a student's degree program (i.e., in General Education, College Departmental Requirements, Major Requirements or Electives).
- Non-Western Studies Requirement for B.A. and B.F.A.; One 3-hour course in Non-Western Studies (N.W.). This requirement may be satisfied by courses also used to satisfy any part of a student's degree program (i.e., in General Education, College Departmental Requirements, Major Requirements or Electives).
- The College of Arts & Sciences requires a minimum 2.0 GPA in all major requirements and a minimum 2.0 GPA in all major-prefix courses applied to the degree.

### 3. Foreign Language Proficiency

- The foreign language requirement for the B.A. may be satisfied by 9 hours college credit in the same language, which must include 3 hours at the 2000-level, or equivalent proficiency (e.g., passing an advanced standing examination; TOEFL exam; presenting a high school transcript which demonstrates the high school was primarily conducted in a language other than English; etc.). Computer Science courses may not be used to satisfy this

requirement. Currently Arabic and Mvskoke are not offered at the 2000-level at OSU.

- b. The foreign language requirement for the B.S., B.M. and B.F.A. may be satisfied by presenting a high school transcript which demonstrates two years of study of a single foreign language (passing grades at second-year level of study). It may also be satisfied by 6 hours college credit in the same language, which must include language courses 1713 and 1813, or equivalent proficiency (e.g., passing an advanced standing examination; TOEFL exam; presenting a high school transcript which demonstrates the high school was primarily conducted in a language other than English; etc.). Computer Science courses may not be used to satisfy this requirement.
- c. In addition to a. and b., students pursuing teacher certification must meet novice-high foreign language proficiency by presenting a high school transcript which demonstrates two years of study of a single foreign language with no grade below B. Or, students may complete 3 hours college credit in a single language with no grade below C (or pass an advanced standing examination, College Level Examination Program (CLEP) exam, or Oral Proficiency Interview developed by the American Council on the Teaching of Foreign Languages, equivalent to 3 hours of college credit.) Or, students may meet the requirement by transfer of documentation of meeting the foreign language competency from one of the teacher education programs in the State of Oklahoma approved by the Oklahoma State Regents for Higher Education.

#### 4. Exclusions

- a. Courses used to satisfy the General Education English Composition, U.S. History, American Government, and Mathematics or Statistics requirements will not count toward the 54-hour maximum allowed from one department.
- b. Courses with ATHL or LEIS prefixes and leisure activity courses may not be used for degree credit.

## Additional State/OSU Requirements

- At least: 60 hours at a four-year institution; 30 hours completed at OSU; 15 of the final 30 or 50% of the upper-division hours in the major field completed at OSU.
- Limit of: one-half of major course requirements as transfer work; one-fourth of hours earned by correspondence; 8 transfer correspondence hours.
- Students will be held responsible for degree requirements in effect at the time of matriculation and any changes that are made, so long as these changes do not result in semester credit hours being added or do not delay graduation.
- Degrees that follow this plan must be completed by the end of Summer 2028.

## Example Plan of Study

### Finish in Four Plan of Study

The plan below is an **example** of how students can successfully complete degree requirements in four years. This suggested class schedule plan may be used as a guide and can be adjusted based on individual needs. Students are required to meet with an academic advisor prior to enrollment each semester to plan their class schedule, and students are ultimately responsible for completing all degree requirements.

Course	Title	Hours
<b>Freshman</b>		
<b>Fall</b>		
ENGL 1113 or ENGL 1313	Composition I or Critical Analysis and Writing I	3
MATH 2144	Calculus I (A)	4
BIOL 1114	Introductory Biology (LN)	4
General Education courses		4
		<b>Hours</b>
		<b>15</b>
<b>Spring</b>		
ENGL 1213 or ENGL 1413	Composition II or Critical Analysis and Writing II	3
MATH 2153	Calculus II (A)	3
BIOL 1604	Animal Biology	4
General Education courses		5
		<b>Hours</b>
		<b>15</b>
<b>Sophomore</b>		
<b>Fall</b>		
MATH 2163	Calculus III	3
PHYS 1114 or PHYS 2014	College Physics I (LN) or University Physics I (LN)	4
CHEM 1314	Chemistry I (LN)	4
General Education courses		4
		<b>Hours</b>
		<b>15</b>
<b>Spring</b>		
MATH 2233	Differential Equations	3
MATH 3013	Linear Algebra (A)	3
PHYS 1214 or PHYS 2114	College Physics II (LN) or University Physics II (LN)	4
CHEM 1515	Chemistry II (LN)	5
		<b>Hours</b>
		<b>15</b>
<b>Junior</b>		
<b>Fall</b>		
MATH 3613	Introduction to Abstract Algebra	3
MATH 3583	Introduction to Mathematical Modeling (option)	3
BIOL 3204 or CHEM 3053	Physiology or Organic Chemistry I	4
Major, College, and Elective courses		5
		<b>Hours</b>
		<b>15</b>
<b>Spring</b>		
MATH 4023	Introduction to Analysis	3
BIOL 3214 or CHEM 3153	Human Anatomy or Organic Chemistry II	4
CHEM 3112	Organic Chemistry Laboratory (if CHEM 3153)	2
Major, College, and Elective courses		6
		<b>Hours</b>
		<b>15</b>
<b>Senior</b>		
<b>Fall</b>		
BIOC 3653	Survey of Biochemistry (optional)	3
Major, College, and Elective courses		12
		<b>Hours</b>
		<b>15</b>
<b>Spring</b>		
Major, College, and Elective courses		15
		<b>Hours</b>
		<b>15</b>
		<b>Total Hours</b>
		<b>120</b>



# Mathematics: Secondary Teacher Certification, BS

## Degree Requirements

**Requirements for Students Matriculating in or before Academic Year 2022-2023.** Learn more about University Academic Regulation 3.1 (p. 943).

**Minimum Overall Grade Point Average: 2.50**

**Total Hours: 120**

Code	Title	Hours
<b>General Education Requirements</b>		
<i>English Composition</i>		
See Academic Regulation 3.5 (p. 944)		
ENGL 1113 or ENGL 1313	Composition I Critical Analysis and Writing I	3
Select one of the following:		3
ENGL 1213	Composition II	
ENGL 1413	Critical Analysis and Writing II	
ENGL 3323	Technical Writing	
<i>American History &amp; Government</i>		
HIST 1103 or HIST 1483 or HIST 1493	Survey of American History American History to 1865 (H) American History Since 1865 (DH)	3
POLS 1113	American Government	3
<i>Analytical &amp; Quantitative Thought (A)</i>		
MATH 2144	Calculus I (A) <sup>1,2</sup>	4
CS 1103 or CS 1113	Computer Programming (A) <sup>1,2</sup> Computer Science I (A)	3
<i>Humanities (H)</i>		
Course designated (H)		6
<i>Natural Sciences (N)</i>		
Must include one Laboratory Science (L) course		
PHYS 2014 or PHYS 1114	University Physics I (LN) <sup>1</sup> College Physics I (LN)	4
PHYS 2114 or PHYS 1214	University Physics II (LN) <sup>1</sup> College Physics II (LN)	4
<i>Social &amp; Behavioral Sciences (S)</i>		
Course designated (S)		3
<i>Additional General Education</i>		
Courses designated (A), (H), (N), or (S)		4
<b>Hours Subtotal</b>		<b>40</b>
<b>Diversity (D) &amp; International Dimension (I)</b>		
May be completed in any part of the degree plan		
Select at least one Diversity (D) course (SPED 3202)		
Select at least one International Dimension (I) course		
<b>College/Departmental Requirements</b>		
<i>First Year Seminar</i>		
(Transfer students with 15 hours exempt)		1
<i>Arts &amp; Humanities</i>		
May need to be Gen Ed (I) designation		3
See note 2.a.		

<i>Natural &amp; Mathematical Sciences</i>		
MATH 2153	Calculus II (A) <sup>2</sup>	3
MATH 2163	Calculus III <sup>2</sup>	3
STAT 4013 or STAT 4053	Statistical Methods I (A) <sup>2</sup> Statistical Methods I for the Social Sciences (A)	3
<i>Foreign Language</i>		
See note 3		0
0-6 hours		
<i>Upper-Division General Education</i>		
Select 6 hours outside major department		
See note 2.c.		
<b>Hours Subtotal</b>		<b>13</b>
<b>Major Requirements</b>		
<i>Mathematics Core</i>		
Minimum GPA 2.50 and minimum grade of "C" or "P" for courses in Mathematics core and those denoted with <sup>1,2</sup>		
MATH 2233	Differential Equations	3
MATH 3013	Linear Algebra (A)	3
MATH 3613	Introduction to Abstract Algebra	3
MATH 3303	Advanced Perspectives on Functions and Modeling for Secondary Teachers	3
MATH 3933	Research Methods	3
MATH 4023	Introduction to Analysis	3
MATH 4033	History of Mathematics	3
MATH 4403	Geometry	3
MATH 4663	Combinatorics	3
Select one of the following:		3
MATH 4713	Number Theory	
MATH 4753	Introduction to Cryptography	
MATH 4813	Groups and Representations	
Select 3 hours of 4000-level MATH or STAT or upper division CS or PHYS		3
<i>Secondary Education Professional Core</i>		
Minimum GPA 2.50 and minimum grade of "C" or "P" in each course.		
SMED 1012	Inquiry Approaches to Teaching	2
SMED 3013	Knowing and Learning in Mathematics and Science	3
SMED 4003	Teaching Fundamental Concepts of Mathematics <sup>3</sup>	3
SMED 4013	Classroom Interactions <sup>3</sup>	3
SMED 4023	Problem-Based Learning in Mathematics and Science <sup>3</sup>	3
SMED 4053	Teaching Geometry in the Secondary School <sup>3</sup>	3
SMED 4723	Senior Seminar in Secondary Mathematics and Science Education <sup>3</sup>	3
SPED 3202	Educating Exceptional Learners (D)	2
CIED 4720	Internship in the Secondary Classroom <sup>3</sup>	6
<b>Hours Subtotal</b>		<b>61</b>
<b>Electives</b>		
Select 6 hours		6
May need to include 6 hours of a foreign language (see note 3)		



May need to include 6 hours upper-division general education outside major department (see note 2.c.)

MATH 1513 and MATH 1813 required for students who do not place directly into MATH 2144.

<b>Hours Subtotal</b>	<b>6</b>
<b>Total Hours</b>	<b>120</b>

1

College and Departmental Requirements that may be used to meet General Education Requirements.

2

Minimum GPA 2.50 and minimum grade of "C" or "P" for courses in Mathematics core and those denoted with <sup>2</sup>.

3

Full admission to Professional Education is required.

## Other Requirements

- See the College of Arts and Sciences Requirements.
- **Upper-Division Credit:** Total hours must include at least 40 hours in courses numbered 3000 or above.
- **Hours in One Department:** For B.A. and B.S. degrees, no more than 54 hours in one department may be applied to degree requirements.

## College of Arts and Sciences Requirements

### 1. General Education Requirements

No more than two courses (or eight hours) from the major department (<http://catalog.okstate.edu/college-arts-sciences-major-departments/>) may be used to meet General Education and College and Departmental Requirements. The General Education required English Composition, required U.S. History, required American Government, one required MATH or STAT course, and required foreign language for B.A. degrees do not count against the two-course maximum.

### 2. A&S College/Departmental Requirements

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- Non-Western Studies Requirement for B.A. and B.F.A.; One 3-hour course in Non-Western Studies (N.W.). This requirement may be satisfied by courses also used to satisfy any part of a student's degree program (i.e., in General Education, College Departmental Requirements, Major Requirements or Electives).

- The College of Arts & Sciences requires a minimum 2.0 GPA in all major requirements and a minimum 2.0 GPA in all major-prefix courses applied to the degree.

### 3. Foreign Language Proficiency

- The foreign language requirement for the B.A. may be satisfied by 9 hours college credit in the same language, which must include 3 hours at the 2000-level, or equivalent proficiency (e.g., passing an advanced standing examination; TOEFL exam; presenting a high school transcript which demonstrates the high school was primarily conducted in a language other than English; etc.). Computer Science courses may not be used to satisfy this requirement. Currently Arabic and Mvskoke are not offered at the 2000-level at OSU.
- The foreign language requirement for the B.S., B.M. and B.F.A. may be satisfied by presenting a high school transcript which demonstrates two years of study of a single foreign language (passing grades at second-year level of study). It may also be satisfied by 6 hours college credit in the same language, which must include language courses 1713 and 1813, or equivalent proficiency (e.g., passing an advanced standing examination; TOEFL exam; presenting a high school transcript which demonstrates the high school was primarily conducted in a language other than English; etc.). Computer Science courses may not be used to satisfy this requirement.
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### 4. Exclusions

- Courses used to satisfy the General Education English Composition, U.S. History, American Government, and Mathematics or Statistics requirements will not count toward the 54-hour maximum allowed from one department.
- Courses with ATHL or LEIS prefixes and leisure activity courses may not be used for degree credit.

## Additional State/OSU Requirements

- At least: 60 hours at a four-year institution; 30 hours completed at OSU; 15 of the final 30 or 50% of the upper-division hours in the major field completed at OSU.
- Limit of: one-half of major course requirements as transfer work; one-fourth of hours earned by correspondence; 8 transfer correspondence hours.
- Students will be held responsible for degree requirements in effect at the time of matriculation and any changes that are made, so long as these changes do not result in semester credit hours being added or do not delay graduation.
- Degrees that follow this plan must be completed by the end of Summer 2028.

## Example Plan of Study

### Finish in Four Plan of Study

The plan below is an example of how students can successfully complete degree requirements in four years. This suggested class schedule plan may be used as a guide and can be adjusted based on individual needs. Students are required to meet with an academic advisor prior to enrollment each semester to plan their class schedule, and students are ultimately responsible for completing all degree requirements.

Course	Title	Hours
<b>Freshman</b>		
<b>Fall</b>		
A&S 1111	A&S First Year Seminar	1
ENGL 1113	Composition I	3
MATH 2144	Calculus I (A)	4
SMED 1012	Inquiry Approaches to Teaching	2
General Education/Elective		6
<b>Hours</b>		<b>16</b>
<b>Spring</b>		
ENGL 1213	Composition II	3
MATH 2153	Calculus II (A)	3
General Education/Elective		9
<b>Hours</b>		<b>15</b>
<b>Sophomore</b>		
<b>Fall</b>		
MATH 2163	Calculus III	3
MATH 3013	Linear Algebra (A)	3
PHYS 1114 or PHYS 2014	College Physics I (LN) or University Physics I (LN)	4
General Education/College/Department/Concentration		6
<b>Hours</b>		<b>16</b>
<b>Spring</b>		
MATH 2233	Differential Equations	3
MATH 3613	Introduction to Abstract Algebra	3
PHYS 1214 or PHYS 2114	College Physics II (LN) or University Physics II (LN)	4
SMED 3013	Knowing and Learning in Mathematics and Science	3
General Education/College/Department/Concentration		3
<b>Hours</b>		<b>16</b>
<b>Junior</b>		
<b>Fall</b>		
MATH 3303	Advanced Perspectives on Functions and Modeling for Secondary Teachers	3
MATH 4033	History of Mathematics	3
SMED 4013	Classroom Interactions	3
General Education/College/Departmental/Major		9
<b>Hours</b>		<b>18</b>
<b>Spring</b>		
MATH 3933	Research Methods	3
MATH 4663	Combinatorics	3
SMED 4003	Teaching Fundamental Concepts of Mathematics	3
General Education/College/Departmental/Major		6
<b>Hours</b>		<b>15</b>
<b>Senior</b>		
<b>Fall</b>		
MATH 4403	Geometry	3
MATH 4023	Introduction to Analysis	3
SMED 4053	Teaching Geometry in the Secondary School	3
SMED 4023	Problem-Based Learning in Mathematics and Science	3
General Education/College/Departmental/Major		3
<b>Hours</b>		<b>15</b>

### Spring

CIED 4720	Internship in the Secondary Classroom	6
SMED 4723	Senior Seminar in Secondary Mathematics and Science Education	3
<b>Hours</b>		<b>9</b>
<b>Total Hours</b>		<b>120</b>

### 1

Speak with academic advisor about saving General Education electives and Humanities (H) for Upper-division courses with International (I) and Diversity (D) dimensions.

## School of Media and Strategic Communications

At Oklahoma State University, the professional areas of mass communication are grouped in the School of Media and Strategic Communications (SMSC). These areas seek to complement each other with a minimum of duplication. Degrees offered include a Bachelor of Arts or a Bachelor of Science in the following:

- Multimedia Journalism
- Sports Media
- Strategic Communication

A modern democratic society cannot live by its ideals if its mass media practitioners are merely competent technicians who worry less about what is reported to the people than how it is reported. Citizens must have accurate information about social, political and economic problems as well as knowledge of actions taken by government agencies and organizations at all levels. From village council to Supreme Court, there can be no exception from the rule that public business is the public's business.

To speak to people through different media, whether as a journalist or a strategic communication practitioner, requires knowledge of the people to whom or on whose behalf one wishes to speak and an understanding of the world in which they live. Therefore, the curricula of the School of Media and Strategic Communications are designed to offer more than training in communication techniques. Three-quarters of the SMSC student's time at the University is devoted to a liberal education in the arts and sciences. At the same time, the student gains competence in a professional field through courses in the School of Media and Strategic Communications.

On graduation, undergraduate students in the School of Media and Strategic Communications will be able to:

1. Demonstrate an understanding of the relevant constitutional freedoms, legal issues and ethical principles in mass communications,
2. Demonstrate an understanding of the relevance of human diversity in mass communications,
3. Demonstrate an understanding of the history and social role of mass communications,
4. Demonstrate critical, creative and individual thinking,
5. Demonstrate an understanding of the relevant theories and concepts of mass communications,
6. Demonstrate an understanding of the methods and techniques of research and information gathering,
7. Demonstrate appropriate writing, editing and production techniques in mass communications, and
8. Demonstrate an understanding of relevant planning and management methods in mass communications.

### Accreditation

The undergraduate programs of study in the School of Media and Strategic Communications are accredited by the Accrediting Council on Education in Journalism and Mass Communication.

### Admission to the Undergraduate Program

A 2.75 graduation retention GPA and at least 24 hours completed required to initially declare major.

### Undergraduate Proficiency Review

Successfully passing the proficiency review is required to enroll in upper-division major requirements. The Proficiency Review includes:

1. 2.75 graduation retention GPA;
2. At least 12 OSU earned hours and a 2.75 graduation retention GPA in those hours;
3. Grade of "C" or better for MC 2003 and MC 2023; and
4. Passing score on the Language Proficiency Exam. Students are permitted two attempts to pass the Language Proficiency Exam. Students who fail to pass the Language Proficiency Exam after two attempts will be suspended from the SMSC major and not eligible for readmission.

### Requirements for Graduation

The degree programs of study offered in the School of Media and Strategic Communications are built around strong writing, liberal arts and professional components. Of the 120 hours required to earn a degree in SMSC, students must complete up to 45 semester hours in media and strategic communications courses.

Students must have a minimum 2.5 GPA in all SMSC courses and major requirements with a minimum grade of "C" in each course. No more than 12 hours in SMSC courses may be transferred from other institutions.

All SMSC majors are required to develop and maintain a portfolio exhibiting their best and most appropriate work as well as assignments required for the portfolio. Portfolios will be turned in during senior capstone courses as part of their graduation requirements. School faculty, staff and industry professionals will evaluate these portfolios periodically and offer guidance and constructive criticism. It is anticipated that the portfolios will be helpful in showcasing students' performance when they apply for internships or jobs.

### Multimedia Journalism

The many changes in the media environment require that students should have expertise in journalism and storytelling in all media formats. The degree in multimedia journalism will allow graduates to work with any media platform, be it print, television, radio or the internet. While students will develop their skills across all media platforms they will be able to specialize in one of two areas: multimedia journalism, news or multimedia journalism, production.

Students learn the basics of journalism writing and reporting for print, online, audio and video production on state-of-the-art equipment and are challenged to put their skills to use by participating in the daily operations of Student Media at OSU available through the O'Colly Media Group. The O'Colly Media Group offers TV, radio, print, creative and sales opportunities through: Advertising, The O'Colly radio (podcasts and KXZY), The Daily O, One on One, The Franchise Show, Petes' Corner, the Poke Report and Modmuze. Students also create content for OState.tv, the OSU online TV station. Students gain on-the-job multimedia experience through internships and some hold part-time jobs as campus correspondents for various publications or work for media in the Stillwater area.

Internships at broadcast and cable outlets in the region also provide students with on-the-job experience and a valuable opportunity to work with seasoned media professionals. Many juniors and seniors find this work a source of revenue to assist them in the cost of their education.

The multimedia program is affiliated with the Oklahoma Press Association, Southwest Journalism Congress, the Society of Professional Journalists, the National Association of Black Journalists, the National Association of FM Broadcasters, Radio Advertising Bureau, Oklahoma Association of Broadcasters, Oklahoma Broadcast Education Association, National Association of Broadcasters, Broadcast Education Association and National Public Radio.

## Sports Media

This program, one of very few undergraduate degrees in sports media in the United States, offers students the option of concentrating in sports digital production or sports journalism.

Students pursuing an undergraduate degree in sports media from OSU receive classic hands-on training in all aspects of the industry. Depending on the area of concentration, coursework may include sports writing, play-by-play announcing, field production, and media relations. Sports media students are also challenged to put their skills to use by participating in the daily operations of Student Media at OSU available through the O'Colly Media Group. The O'Colly Media Group offers TV, radio, print, creative and sales opportunities through: Advertising, The O'Colly radio (podcasts and KXZY), The Daily O, One on One, The Franchise Show, Petes' Corner, the Poke Report and Modmuze. Students also create content for OState.tv, the OSU online TV station. Students gain on-the-job experience through internships and some hold part-time jobs as campus correspondents for various publications or work for media in the Stillwater area. Students have many nationally-recognized organizations to join including the Sports Media Club, Association for Women in Sports Media and Associated Press Sports Editors.

Oklahoma State University and the School of Media and Strategic Communications enjoy a special relationship with sports media throughout the country. As a major sports venue, the OSU campus is visited regularly by national and regional sports media - both print and broadcast - to cover major sporting events. These media organizations routinely utilize SMSC student workers. The 2004 debut of ESPNU was telecast from Stillwater because the campus represents classic collegiate sports, and because the network producers were able to rely on a supply of ready and trained media and strategic communications students.

The sports media faculty has strong professional backgrounds in the field and offers students the solid foundation in both theory and practice that prepare them for a variety of career paths.

## Strategic Communication

Communication professionals are needed in all industries. Industry employers require communication professionals to be skilled in writing, content creation, research, strategic planning and critical thinking.

Students in strategic communications learn and practice communication methods used in public relations, advertising, social media and entertainment media. Strategic communication courses focus on a thorough understanding of the social, political and economic systems of society and develop writing and content-creation skills that apply across

all media platforms, such as print, television, radio, websites, social media, etc.

A degree in strategic communication prepares students to be professional communicators in any environment, such as counseling firms, advertising agencies, corporate communications, nonprofit organizations, or even their own businesses. The ultimate objective of this degree is to prepare students to be the future leaders in their field. Coursework prepares students to write and communicate effectively because good writing skills remain the foundation of professional communication. Coursework also focuses on strategic and critical thinking, which are skills needed for leaders in the field. This degree also grounds students in a thorough knowledge of gathering and analyzing data relevant to their practice and in communication management principles. Students complete their degree with a capstone campaign course, where students integrate and apply knowledge gained in their undergraduate work to a single strategic communication campaign.

There are three options to choose from for the Strategic Communications degree: SC: Advertising and Public Relations and SC: Social Media are both offered on the OSU-Stillwater campus while SC: Entertainment Media is offered on the OSU-Tulsa campus.

Strategic communication students are challenged to put their skills to use by participating in the daily operations of Student Media at OSU available through the O'Colly Media Group. The O'Colly Media Group offers TV, radio, print, creative and sales opportunities through: Advertising, The O'Colly radio (podcasts and KXZY), The Daily O, One on One, The Franchise Show, Petes' Corner, the Poke Report and Modmuze. Students also create content for OState.tv, the OSU online TV station. Students gain on-the-job experience through internships and some hold part-time jobs as campus correspondents for various publications or work for media in the Stillwater area. Students also create content for OState.tv, the OSU online TV station. Students gain on-the-job experience through internships and some hold part-time jobs as campus correspondents for various publications or work for media in the Stillwater area. Each year, SMSC participates in the National Student Advertising Competition, NSAC. The SMSC NSAC team has been nationally recognized numerous times.

The Strategic Communication program is affiliated with the American Advertising Federation, the American Academy of Advertising, the Public Relations Society of America and the Association of Women in Communication.

For more information, please go to [media.okstate.edu](http://media.okstate.edu) (<http://media.okstate.edu>).

## Courses

### MC 1143 Media in a Diverse Society (DS)

**Description:** A study of the media and their effect on our culture, with an emphasis on the media's role in racial, gender and sexual orientation issues in the United States. By analyzing the mass media, we learn to interpret the consequences of the stories they tell. An introductory survey course for majors and non-majors. Previously offered as JB 1143.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Media & Strategic Comm

**General Education and other Course Attributes:** Diversity, Social & Behavioral Sciences

**MC 2003 Mass Media Style and Structure**

**Prerequisites:** ENGL 1213 or ENGL 1223 or ENGL 1413 with grade of "C" or higher, and departmental majors only.

**Description:** Teaches basic writing skills vital to any career in mass communication. Emphasizes language skills with a focus on the rules of grammar and the meaning of words. Also teaches the basic strategies of information gathering, including how to glean accurate and useful background information from traditional and online sources. Introduces students to the fundamental writing styles and objectives required to convey information in different media. Previously offered as JB 2003, JB 1393, and JM 1123.

**Credit hours:** 3

**Contact hours:** Lecture: 2 Lab: 2 Contact: 4

**Levels:** Undergraduate

**Schedule types:** Lab, Lecture, Combined lecture and lab

**Department/School:** Media & Strategic Comm

**MC 2023 Electronic Communication**

**Prerequisites:** ENGL 1213 or ENGL 1223 or ENGL 1413 with a grade of "C" or better, and departmental majors only.

**Description:** Introduces students to electronic communication with a series of hands-on projects to develop their skills with basic photography, videography, podcasting and Web page development. Compares the various media platforms and teaches students visual grammar. Students create slide-shows and podcasts, learn to edit video, and develop Web pages using content created in class.

**Credit hours:** 3

**Contact hours:** Lecture: 2 Contact: 3 Other: 1

**Levels:** Undergraduate

**Schedule types:** Discussion, Combined lecture & discussion, Lecture

**Department/School:** Media & Strategic Comm

**Additional Fees:** AP Stylebook fee of \$5.30 applies.

**MC 3113 Introduction to Media Effects**

**Description:** Mass media's potential to influence audience behavior is a subject that has long fascinated scholars and the general public. Aside from working & sleeping, individuals in the U.S. spend more time consuming media than any other activity. This course introduces media effects, and offers critical analysis methods to better understand the process and effects of the mediated message. A variety of media theories will be examined to understand how media can affect attitudes and behaviors on an individual and societal level. The theories will be used to examine a variety of different types of content, including media violence, portrayals of race and gender, entertainment, politics, strategic communication, and sport.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Media & Strategic Comm

**MC 3173 History of Mass Communication (H)**

**Description:** Growth and development of mass communication systems in America, with emphasis upon the economic, social and political interaction of the media. Previously offered as JB 3173.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Media & Strategic Comm

**General Education and other Course Attributes:** Humanities

**MC 4043 Media Study Abroad (I)**

**Description:** Participation in an international experience sponsored by the School of Media and Strategic Communications. This will typically involve the integrated study of a country or region regarding relevant cultural, commercial, historical, technological, political, and economic issues especially as those areas related to media and communication. May not be used for degree credit with MC 5040 in same semester with same subtitle.

**Credit hours:** 3

**Contact hours:** Contact: 3 Other: 3

**Levels:** Undergraduate

**Schedule types:** Independent Study

**Department/School:** Media & Strategic Comm

**General Education and other Course Attributes:** International Dimension

**MC 4143 Ethics and Issues in Mass Communications**

**Prerequisites:** MC 2003 and MC 2023 with a grade of "C" or better in both; and pass proficiency review.

**Description:** Students examine classical theories of ethical behavior and their relevancy to professional communicators. Students learn to analyze various moral viewpoints, so they can discern a justifiable system of ethical decision-making. Students apply ethical reasoning and professional codes of conduct to scenarios to determine the most ethical action to take.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Media & Strategic Comm

**MC 4153 International Mass Communication**

**Description:** Examination of the nature and flow of news and information within and among nations, states and societies from a theoretical vantage point grounded in region-specific realities. The political, economic, social, cultural and historical forces determining media practice in a global environment. No credit for students with credit in MC 5253. Previously offered as JB 4253.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Media & Strategic Comm

**MC 4163 Mass Communication Law**

**Prerequisites:** MC 2003 and MC 2023 with a grade of "C" or better in both; and a minimum grade of 70 on the Language Exam.

**Description:** Major principles of media law by examining the important court decisions, statutory and regulatory enactments in each area of communication law. Relevant constitutional freedoms and legal issues affecting professional communicators and all participants in a self-governing society. Practice applying the law and precedents to specific situations to determine if potential legal problems exist. No credit for students with credit in MC 5163. Previously offered as JB 4163 and JB 3163.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Media & Strategic Comm



**MC 4360 Special Problems in Mass Communication**

**Prerequisites:** Junior standing, a minimum of 3.0 GPA, or consent of instructor.

**Description:** Independent study and project development to fit the student's field of study. Previously offered as JB 4360. Offered for variable credit, 1-3 credit hours, maximum of 6 credit hours.

**Credit hours:** 1-3

**Contact hours:** Contact: 1-3 Other: 1-3

**Levels:** Undergraduate

**Schedule types:** Independent Study

**Department/School:** Media & Strategic Comm

**MC 4733 Responsibility in Mass Communication**

**Prerequisites:** MC 2003 with a grade of "C" or better; and pass proficiency review.

**Description:** Interaction between mass media and society with emphasis upon the communicator's ethics and responsibilities. Meets with MC 5733. No credit for students with credit in MC 5733. Previously offered as JB 4733.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Media & Strategic Comm

**MC 4993 Senior Honors Thesis**

**Prerequisites:** Departmental invitation, senior standing, Honors Program participation.

**Description:** A guided reading and research program ending with an honors thesis under the direction of a senior faculty member, with second faculty reader and oral examination. Required for graduation with departmental honors in the School of Journalism and Broadcasting. Previously offered as JB 4993.

**Credit hours:** 3

**Contact hours:** Contact: 3 Other: 3

**Levels:** Undergraduate

**Schedule types:** Independent Study

**Department/School:** Media & Strategic Comm

**General Education and other Course Attributes:** Honors Credit

**MC 5000 Thesis**

**Description:** For mass communication graduate students who are candidates for the master's degree. Offered for variable credit, 1-6 credit hours, maximum of 6 credit hours.

**Credit hours:** 1-6

**Contact hours:** Contact: 1-6 Other: 1-6

**Levels:** Graduate

**Schedule types:** Independent Study

**Department/School:** Media & Strategic Comm

**MC 5010 Capstone Creative Project**

**Prerequisites:** "B" or better in MC 5113, MC 5333, and MC 5651 and instructor permission.

**Description:** Capstone research project or creative activity for a mass communication graduate student. Offered for variable credit, 1-3 credit hours, maximum of 4 credit hours.

**Credit hours:** 1-3

**Contact hours:** Contact: 1-3 Other: 1-3

**Levels:** Graduate

**Schedule types:** Independent Study

**Department/School:** Media & Strategic Comm

**MC 5011 Formal Report**

**Prerequisites:** Instructor permission and MC 5020 (6 hours) or MC 5040 (6 hours).

**Description:** The Formal Report is a non-thesis, degree completion option.

**Credit hours:** 1

**Contact hours:** Contact: 1 Other: 1

**Levels:** Graduate

**Schedule types:** Independent Study

**Department/School:** Media & Strategic Comm

**MC 5020 Advanced Practicum or Internship in Mass Communication**

**Prerequisites:** One semester of graduate coursework and consent of instructor.

**Description:** Applied training allowing students to relate theoretical principles to situations in professional settings. Offered for variable credit, 1-6 credit hours, maximum of 6 credit hours.

**Credit hours:** 1-6

**Contact hours:** Contact: 1-6 Other: 1-6

**Levels:** Graduate

**Schedule types:** Independent Study

**Department/School:** Media & Strategic Comm

**MC 5030 Independent Study in Mass Communication**

**Prerequisites:** Consent of instructor.

**Description:** Independent study, directed readings or project development in mass communications to fit the student's academic and professional interests. Offered for variable credit, 1-3 credit hours, maximum of 6 credit hours.

**Credit hours:** 1-3

**Contact hours:** Contact: 1-3 Other: 1-3

**Levels:** Graduate

**Schedule types:** Independent Study

**Department/School:** Media & Strategic Comm

**MC 5040 Media International Experience**

**Prerequisites:** Consent of instructor.

**Description:** Participation in either an international experience sponsored by the School of Media and Strategic Communications (SMSC) or a research or directed reading project in conjunction with a study abroad experience. An SMSC international offering will typically involve the integrated study of a country or region regarding relevant cultural, commercial, historical, technological, political, and economic issues especially as those areas related to media and communication. The project option would be a student-initiated and student-designed with a faculty adviser or mentor input and guidance. May not be used for degree credit with MC 4043 in same semester with same subtitle. Offered for variable credit, 1-3 credit hours, maximum of 6 credit hours.

**Credit hours:** 1-3

**Contact hours:** Contact: 1-3 Other: 1-3

**Levels:** Graduate

**Schedule types:** Independent Study

**Department/School:** Media & Strategic Comm

**MC 5113 Methods of Research in Mass Communication**

**Description:** Principles and techniques of research; research planning, design and measurement in mass communication.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Graduate

**Schedule types:** Lecture

**Department/School:** Media & Strategic Comm



**MC 5143 Diversity In Sports Media**

**Description:** This course examines sports media content, framing, personnel, and audiences in relation to diverse groups. Primary emphases are placed on race and ethnicity, gender, sex, LGBT, national identity, and disability. Sports media coverage of each group is examined from a historical perspective up through the 21st Century convergence of broadcast, online, and print journalism. Particular focus is placed on diversity among sport media gatekeepers.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Graduate

**Schedule types:** Lecture

**Department/School:** Media & Strategic Comm

**MC 5163 Mass Communication Law**

**Prerequisites:** MC 2003 and graduate standing.

**Description:** Major principles of media law by examining the important court decisions, statutory and regulatory enactments in each area of communication law. Relevant constitutional freedoms and legal issues affecting professional communicators and all participants in a self-governing society. Practice applying the law and precedents to specific situations to determine if potential legal problems exist. Meets with MC 4163. No credit for students with credit in MC 4163.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Graduate

**Schedule types:** Lecture

**Department/School:** Media & Strategic Comm

**MC 5223 Mass Communication Research Analysis and Interpretation**

**Prerequisites:** MC 5113.

**Description:** Single- and multi-variate analysis, interpretation and reporting of mass communication research data. Use of computers in research analysis.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Graduate

**Schedule types:** Lecture

**Department/School:** Media & Strategic Comm

**MC 5253 International Mass Communication**

**Description:** Examination of the nature and flow of news and information within and among nations, states, and societies from a theoretical vantage point grounded in region-specific realities. The political, economic, social, cultural and historical forces determining media practice in a global environment. No credit for students with credit in MC 4153.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Graduate

**Schedule types:** Lecture

**Department/School:** Media & Strategic Comm

**MC 5283 Citizen Branding**

**Prerequisites:** Graduate standing.

**Description:** The course is focused on promoting citizen engagement and community building in a digital era. It explores consumption of networked political campaigns, corporate and national identity branding, and participation in the social media marketplace. It examines the effect of media on community deliberation. This course will provide the tools to increase meaningful community engagement in ways that will transform our communities into more vibrant and interactive places.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Graduate

**Schedule types:** Lecture

**Department/School:** Media & Strategic Comm

**MC 5323 Nation Branding**

**Prerequisites:** Graduate standing.

**Description:** Nation branding is defined for this course as the strategic act of shaping a country's reputation and country image through the use of branding techniques. This course will explore America's image abroad and attempt to understand the recent rise of anti-Americanism, as well as look at nation branding in other countries. May not be used for degree credit with GS 5323.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Graduate

**Schedule types:** Lecture

**Department/School:** Media & Strategic Comm

**MC 5333 Media Theory**

**Prerequisites:** Graduate standing.

**Description:** Mediating factors that affect interaction of ingredients in the communications process, and how these factors can affect the fidelity of information conveyed.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Graduate

**Schedule types:** Lecture

**Department/School:** Media & Strategic Comm

**MC 5383 Media Relations**

**Prerequisites:** Graduate standing.

**Description:** Strategies for dealing with the news media. Students will gain hands-on experience in conducting media news conferences, pitching story ideas and preparing themselves and others for dealing with news media interviews. Meets with SC 4383. No credit for students with credit in SC 4383.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Graduate

**Schedule types:** Lecture

**Department/School:** Media & Strategic Comm

**MC 5483 Nonprofit Branding****Prerequisites:** Graduate Standing.**Description:** This course explores the role of strategic communications for nonprofit organizations. It will provide students with an in-depth understanding of how communication theories can be applied to build organizational brand, foster commitment to organization's mission, increase trust, create ambassadors, strengthens impact, and create lasting social change.**Credit hours:** 3**Contact hours:** Lecture: 3 Contact: 3**Levels:** Graduate**Schedule types:** Lecture**Department/School:** Media & Strategic Comm**MC 5520 Specialized Strategic Communications Applications****Prerequisites:** MC 3353 and graduate standing.**Description:** Professional strategic communications at an advanced level. Strategic communications study of non-profit, corporate, agency, international and other specialized applications. Course content varies by semester. No credit for students with credit in SC 4520 during the same semester or with the same subtitle. Offered for fixed credit, 3 credit hours, maximum of 6 credit hours.**Credit hours:** 3**Contact hours:** Contact: 3 Other: 3**Levels:** Graduate**Schedule types:** Independent Study**Department/School:** Media & Strategic Comm**MC 5540 Specialized Multimedia Journalism Applications****Prerequisites:** Graduate standing.**Description:** Professional journalism at an advanced level. Special topics in areas such as announcing, performance; political, business, and investigative reporting; advanced layout and design or audio production; feature, column and editorial writing. Course content varies by semester. Meets with MMJ 4540. No credit for students in MMJ 4540 during the same semester or with the same subtitle. Offered for fixed credit, 3 credit hours, maximum of 6 credit hours.**Credit hours:** 3**Contact hours:** Contact: 3 Other: 3**Levels:** Graduate**Schedule types:** Independent Study**Department/School:** Media & Strategic Comm**MC 5560 Specialized Sports Media Applications****Prerequisites:** Graduate standing.**Description:** Professional sports media at an advanced level. Special topics in areas such as sports media production, announcing, performance; sports feature, column and editorial writing. Course content varies by semester. Meets with SPM 4560. No credit for students in SPM 4560 during same semester or with same subtitle. Offered for fixed credit, 3 credit hours, maximum of 6 credit hours.**Credit hours:** 3**Contact hours:** Contact: 3 Other: 3**Levels:** Graduate**Schedule types:** Independent Study**Department/School:** Media & Strategic Comm**MC 5603 Integrated Marketing Communication****Prerequisites:** MC 2003 and SC 2183 or MKTG 3213; and graduate standing.**Description:** Planning and the value of coordinating the various promotional mix elements within a communication campaign to create maximum clarity and impact. Communication elements including advertising, public relations, direct marketing and sales promotion and examine strategies for combining and integrating them into an effective campaign. Theories, models and tools to make better promotional communication decisions. No credit for students with credit in SC 4603.**Credit hours:** 3**Contact hours:** Lecture: 3 Contact: 3**Levels:** Graduate**Schedule types:** Lecture**Department/School:** Media & Strategic Comm**MC 5613 Storytellers Studio****Prerequisites:** Graduate standing.**Description:** This is a graduate seminar designed to provide an understanding of the theory and practice of mass media. Through readings, lectures, multi-media presentations and guests who are industry experts, we explore the main media institutions and how they create, exhibit, and disseminate their products. The course also explores how diverse audiences and users select, use and react to media content. Special attention is paid to the audience/medium relationship, improving media literacy and a broad understanding of media ethics.**Credit hours:** 3**Contact hours:** Lecture: 3 Contact: 3**Levels:** Graduate**Schedule types:** Lecture**Department/School:** Media & Strategic Comm**MC 5651 Introduction to Graduate Study in Mass Communications****Prerequisites:** Graduate standing.**Description:** Orientation to skills necessary for successful completion of graduate work. Training in library and archival research, academic writing and preparation of research reports, familiarization with theoretical concepts and issues associated with mass communication. Required of all mass communication MS candidates, and prerequisite to MS candidates enrolling in mass communication seminars. Previously offered as MC 5653.**Credit hours:** 1**Contact hours:** Lecture: 1 Contact: 1**Levels:** Graduate**Schedule types:** Lecture**Department/School:** Media & Strategic Comm**MC 5733 Responsibility in Mass Communication****Prerequisites:** Graduate standing.**Description:** Interaction between mass media and society with emphasis upon the communicator's ethics and responsibilities. Meets with MC 4733. No credit for students with credit in MC 4733.**Credit hours:** 3**Contact hours:** Lecture: 3 Contact: 3**Levels:** Graduate**Schedule types:** Lecture**Department/School:** Media & Strategic Comm

**MC 5753 Media And Elections****Prerequisites:** Graduate standing.**Description:** Examination of media's role in the political process with primary emphasis on print and broadcast journalism practices. Meets with MMJ 4753. No credit for students with credit in MMJ 4753.**Credit hours:** 3**Contact hours:** Lecture: 3 Contact: 3**Levels:** Graduate**Schedule types:** Lecture**Department/School:** Media & Strategic Comm**MC 5770 Seminar in Communication Media****Prerequisites:** Graduate standing.**Description:** International communication, media history, legal research, new technology, women and the media, television and children, industrial television, and communication research. Offered for variable credit, 1-3 credit hours, maximum of 9 credit hours.**Credit hours:** 1-3**Contact hours:** Contact: 1-3 Other: 1-3**Levels:** Graduate**Schedule types:** Independent Study**Department/School:** Media & Strategic Comm**MC 5773 Censorship****Prerequisites:** Graduate standing.**Description:** Critical examination of historical and contemporary occurrences of censorship from legal, philosophical, political, religious and sociological perspectives. The course will explore the definition of censorship, the common elements found in all forms of censorship, the rationalizations and justifications for censorship, and the consequences and unintended results of censorship. No credit for students with credit in MMJ 4773.**Credit hours:** 3**Contact hours:** Lecture: 3 Contact: 3**Levels:** Graduate**Schedule types:** Lecture**Department/School:** Media & Strategic Comm**MC 5843 Sport Fanship****Prerequisites:** Graduate Standing.**Description:** An in-depth examination of modern sport fans and their relationship with the sports media industry. The class will define sport fanship in today's context, cover the many causes of fanship, and explore its social and psychological consequences.**Credit hours:** 3**Contact hours:** Lecture: 3 Contact: 3**Levels:** Graduate**Schedule types:** Lecture**Department/School:** Media & Strategic Comm**MC 5883 Media Management****Prerequisites:** Graduate Standing.**Description:** The focus of this course is on an integrated approach to the management in an organization, particularly grounded in organizational theory. Management concerns in mass communication practice, including public relations, brand management, digital production, multimedia journalism and sports media. Different emphases offered according to student demand or need.**Credit hours:** 3**Contact hours:** Lecture: 3 Contact: 3**Levels:** Graduate**Schedule types:** Lecture**Department/School:** Media & Strategic Comm**MC 5933 Theories of Persuasion****Prerequisites:** Graduate standing.**Description:** In order to extend our understanding of Strategic Communication, it is important to study the large body of scientific research dealing with persuasion and persuasive communication. This is not a course on how to be a better persuader, but instead a study of the theories of persuasion. However by exploring the academic literature on persuasion, many strategies can be learned and used to not only make us better communicators, but also to help us resist persuasive attempts that we may encounter as citizens and consumers.**Credit hours:** 3**Contact hours:** Lecture: 3 Contact: 3**Levels:** Graduate**Schedule types:** Lecture**Department/School:** Media & Strategic Comm**MC 5953 Strategic Health Communications Campaigns****Prerequisites:** Graduate standing.**Description:** The course will focus on theoretical approaches to health message design and the most effective and strategic use of traditional and new media outlets. Students also will review and discuss examples of past and current health communication campaigns in the United States and around the world. Integrating theory and practice, students will apply these concepts to design strategic communication campaigns for area health agencies and organizations.**Credit hours:** 3**Contact hours:** Lecture: 3 Contact: 3**Levels:** Graduate**Schedule types:** Lecture**Department/School:** Media & Strategic Comm**MMJ 2063 Fundamentals of Journalism****Prerequisites:** Departmental majors only. (MMJ, SPM, SC, and PMC.)**Description:** Basics of journalism, its role in society and problems and issues facing journalism. History, philosophy, ethics and current events will be discussed. Students also will practice the basics of interviewing and writing.**Credit hours:** 3**Contact hours:** Lecture: 3 Contact: 3**Levels:** Undergraduate**Schedule types:** Lecture**Department/School:** Media & Strategic Comm**MMJ 3153 Fundamentals of Video and Studio Production****Prerequisites:** MC 2003 and MC 2023 with a grade of "C" or better; and pass proficiency review.**Description:** Theory and practice of basic audio and video production techniques leading to later applications in radio, television and multi-media production. Previously offered as JB 3153.**Credit hours:** 3**Contact hours:** Lecture: 2 Lab: 2 Contact: 4**Levels:** Undergraduate**Schedule types:** Lab, Lecture, Combined lecture and lab**Department/School:** Media & Strategic Comm

### **MMJ 3203 News Writing**

**Prerequisites:** MC 2003 and MC 2023 with a grade of "C" or higher; and pass proficiency review.

**Description:** The basics of news writing, grammar and Associated Press will be stressed. Students will learn the basics of structuring news stories and how to write basic stories including fire, crime, accidents, obituaries, etc.

**Credit hours:** 3

**Contact hours:** Lecture: 2 Lab: 2 Contact: 4

**Levels:** Undergraduate

**Schedule types:** Lab, Lecture, Combined lecture and lab

**Department/School:** Media & Strategic Comm

### **MMJ 3263 Multimedia Reporting**

**Prerequisites:** MC 2003 and MC 2023 with a grade of "C" or better in both; and pass proficiency review.

**Description:** Introduces the basic sources, documents and reporting techniques needed to cover typical government beats. Real-world assignments provide practical experience reporting and writing on deadline across media platforms such as print, broadcast and Web. News judgment as well as interviewing, time- management and writing skills will be addressed. Gathering news in an ethical manner and telling substantive, multi-media stories that encompass the community's diversity are emphasized. Previously offered as JB 3263 and JB 2393.

**Credit hours:** 3

**Contact hours:** Lecture: 2 Lab: 2 Contact: 4

**Levels:** Undergraduate

**Schedule types:** Lab, Lecture, Combined lecture and lab

**Department/School:** Media & Strategic Comm

**Additional Fees:** AP Stylebook fee of \$5.30 applies.

### **MMJ 3293 Information Graphics**

**Prerequisites:** MMJ 3263 and MMJ 4423 with "C" or better and MMJ 4393 with "C" or better or concurrent, and pass proficiency review.

**Description:** Using computer-designed charts, maps, graphs, diagrams and other visual representations of information to tell the news. Combines theories of non-verbal communication and practical application. Includes the basic design concepts and techniques for creating TV and video graphics. Previously offered as JB 3293.

**Credit hours:** 3

**Contact hours:** Lecture: 2 Lab: 2 Contact: 4

**Levels:** Undergraduate

**Schedule types:** Lab, Lecture, Combined lecture and lab

**Department/School:** Media & Strategic Comm

### **MMJ 3313 Editing in a Multimedia Environment**

**Prerequisites:** MMJ 3263 with a grade of "C" or better, pass proficiency review.

**Description:** Principles and practice in editing copy for print, broadcast and Web, selecting pictures and video, and writing headlines, cutlines, blurbs, teases and promos. Strong emphasis placed on language usage and ethical decision-making. Previously offered as JB 3313 and JB 2413.

**Credit hours:** 3

**Contact hours:** Lecture: 2 Lab: 2 Contact: 4

**Levels:** Undergraduate

**Schedule types:** Lab, Lecture, Combined lecture and lab

**Department/School:** Media & Strategic Comm

### **MMJ 3553 Advanced Reporting**

**Prerequisites:** MMJ 3153 and MMJ 3263 with "C" or better in both, and pass proficiency review.

**Description:** News writing and reporting techniques combined with newsgathering technology to enable students to produce stories that can be featured across all media platforms. Previously offered as JB 3553.

**Credit hours:** 3

**Contact hours:** Lecture: 2 Lab: 2 Contact: 4

**Levels:** Undergraduate

**Schedule types:** Lab, Lecture, Combined lecture and lab

**Department/School:** Media & Strategic Comm

**Additional Fees:** JB Equipment Use fee of \$10 applies.

### **MMJ 3623 Internet Communication**

**Prerequisites:** MC 2003 and MC 2023 with a grade of "C" or better in each, and pass proficiency review.

**Description:** Theoretical and practical understanding of how the Internet is changing the way mass media and media-related organizations communicate with audiences. Previously offered as JB 3623.

**Credit hours:** 3

**Contact hours:** Lecture: 2 Lab: 2 Contact: 4

**Levels:** Undergraduate

**Schedule types:** Lab, Lecture, Combined lecture and lab

**Department/School:** Media & Strategic Comm

### **MMJ 3773 Voice Production and Performance**

**Prerequisites:** MC 2003 and MC 2023 with a grade of "C" or better in both; and pass proficiency review.

**Description:** Covers the physical aspects of voice production and how to train and maintain the voice for effective communication. Students will improve their interviewing skills and become more effective communicators, with emphasis on conducting live interviews, ad-libbing and working with a teleprompter.

**Credit hours:** 3

**Contact hours:** Lecture: 2 Lab: 2 Contact: 4

**Levels:** Undergraduate

**Schedule types:** Lab, Lecture, Combined lecture and lab

**Department/School:** Media & Strategic Comm

### **MMJ 3823 Photography I**

**Prerequisites:** MC 2003 and MC 2023 with a grade of C or better in each, pass proficiency review.

**Description:** Expression of visual communications through photography. Creating and producing photographs using digital equipment and understanding lenses, exposures, color and composition. Manipulation, color and tone correction of photography using photo-editing software. For students who want an elementary understanding of photography or to prepare for advanced work in photography or photojournalism. Previously offered as JB 3823.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Media & Strategic Comm

**MMJ 3873 Audio Production**

**Prerequisites:** MMJ 3153 with a grade of C or better; and pass proficiency review.

**Description:** Prepares students to work in radio and internet audio production and imaging. Students prepare and present materials in a broadcasting situation. Previously offered as JB 3873 and JB 2873.

**Credit hours:** 3

**Contact hours:** Lecture: 2 Lab: 2 Contact: 4

**Levels:** Undergraduate

**Schedule types:** Lab, Lecture, Combined lecture and lab

**Department/School:** Media & Strategic Comm

**MMJ 3900 Multimedia Journalism Internship**

**Prerequisites:** MMJ 3153 and MMJ 3263 with a grade of "C" or better and consent of instructor, and pass proficiency review.

**Description:** Internship practice for qualified multi-media journalism students who wish creative communications experience beyond that available in the classroom. Previously offered as JB 3900. Offered for variable credit, 1-3 credit hours, maximum of 6 credit hours.

**Credit hours:** 1-3

**Contact hours:** Contact: 1-3 Other: 1-3

**Levels:** Undergraduate

**Schedule types:** Independent Study

**Department/School:** Media & Strategic Comm

**MMJ 3913 Field Production**

**Prerequisites:** MMJ 3153 with a grade of "C" or better; and pass proficiency review.

**Description:** Video production techniques, including camera, audio, lighting, staging, producing, post production, graphics and on-camera performance. Project-driven and emulates actual client-based productions. Emphasizes constant planning and evaluation of productions. Previously offered as JB 3913.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Media & Strategic Comm

**MMJ 3943 Photojournalism**

**Prerequisites:** MC 2003 and MC 2023 with a grade of "C" or better in each, and pass proficiency review.

**Description:** Theory and practice in the digital techniques of photojournalism. Intermediate concepts of lighting, composition, action and storytelling via digital photography. A basic understanding of photography and photo developing necessary. Must have access to 35mm single reflex or digital camera. Previously offered as JB 3943.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Media & Strategic Comm

**MMJ 4243 Programs and Audiences**

**Prerequisites:** MC 2003 and MC 2023 with grades of "C" or better in both; and pass proficiency review.

**Description:** Audience analysis, proper construction of programs for greatest appeal and use of appeals to attract the desired audience. Program types, rating systems, program selection and audience attention. Design and discussion of programs to reach specific audiences. Previously offered as JB 4243.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Media & Strategic Comm

**MMJ 4253 Fundamentals of Broadcast Engineering**

**Prerequisites:** EET 3104 and MMJ 3153 with a grade of "C" or better in both; and pass proficiency review.

**Description:** An introduction to test equipment (vector scopes, waveform monitors, spectrum analyzer), FCC administrative Practices, EAS Standards, Broadcast Engineering documentations, RF and tower safety, Spectrum and frequency allocations, AF/FM/TV basic antennas structures, coupling, phasing, combining, coaxial and measurements. Microwave and STL systems, transmitters (FM/AM/TV high-low powered), fiber optics, satellite and cable TV systems. Computer networking basics (IPV4/6, topology including cloud bases systems) and digital distribution audio/video streaming (RTP, UDP, RTSP).

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Media & Strategic Comm

**MMJ 4313 Public Affairs Reporting**

**Prerequisites:** MMJ 3263 with a grade of "C" or better; and pass proficiency review.

**Description:** Reporting techniques empowering journalists to fulfill their watchdog role in a democracy. Practical experience in accurately reporting and writing on deadline. Focus on a multimedia mindset to tell the news of government through people. Emphasizes importance of human diversity and cultivating sources ethically. Stresses the use of government documents. Previously offered as JB 4313 and JB 3413.

**Credit hours:** 3

**Contact hours:** Lecture: 2 Lab: 2 Contact: 4

**Levels:** Undergraduate

**Schedule types:** Lab, Lecture, Combined lecture and lab

**Department/School:** Media & Strategic Comm



**MMJ 4393 Data Journalism**

**Prerequisites:** MMJ 3263 with a grade "C" or better, pass proficiency review; STAT 2013 or STAT 2023 or STAT 2053.

**Description:** Provides practical experience using the computer as a tool for data analysis while focusing on social science research methods. Combines the scientific method with the process approach to news writing. Teaches how to find and import data into a spreadsheet and systematically analyze it using basic and advanced techniques. The data analysis will generate an idea for a story for print or broadcast, which must be followed up with reporting and writing that stresses how people are affected. Previously offered as JB 4393.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Media & Strategic Comm

**Additional Fees:** AP Stylebook fee of \$5.30 applies.

**MMJ 4413 Advanced Reporting and Writing**

**Prerequisites:** MMJ 4313 with a grade of "C" or better; and pass proficiency review.

**Description:** Enhancement of writing style and reporting techniques; evaluation of sources and polling practices, and investigative coverage of newsmakers and events. Previously offered as JB 4413.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Media & Strategic Comm

**MMJ 4423 Graphic Design in Multimedia**

**Prerequisites:** MC 2003 and MC 2023 with "C" or better; and pass proficiency review.

**Description:** Design principles, techniques and practices for a converging media. Includes photo editing and introduction to type for print and online. Emphasizes ethical decision-making in content selection and placement. Previously offered as JB 4423 and JB 3423.

**Credit hours:** 3

**Contact hours:** Lecture: 2 Lab: 2 Contact: 4

**Levels:** Undergraduate

**Schedule types:** Lab, Lecture, Combined lecture and lab

**Department/School:** Media & Strategic Comm

**MMJ 4433 Feature Writing for Newspaper and Magazine**

**Prerequisites:** MC 2003 and MC 2023 with "C" or better; and pass proficiency review.

**Description:** Newspaper features and special articles for general circulation magazines, business and trade journals; sources, materials, markets and other factors pertinent to nonfiction writing. Previously offered as JB 4433.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Media & Strategic Comm

**MMJ 4540 Specialized Multimedia Journalism Applications**

**Prerequisites:** MMJ 3153 or MMJ 3263 with a grade of "C" or better and consent of department; and pass proficiency review.

**Description:** Professional journalism at an advanced level. Special topics in areas such as announcing, performance; political, business and investigative reporting; advanced layout and design or audio production; feature, column and editorial writing. Course content varies by semester. Meets with MC 5540. No credit for students in MC 5540. Previously offered as JB 4540. Offered for fixed 3 credit hours, maximum of 6 credit hours.

**Credit hours:** 3

**Contact hours:** Contact: 3 Other: 3

**Levels:** Undergraduate

**Schedule types:** Independent Study

**Department/School:** Media & Strategic Comm

**MMJ 4553 Newscast Production**

**Prerequisites:** MMJ 3553 with a grade of "C" or higher, pass proficiency review.

**Description:** Advanced skills in reporting, news producing, editing and anchoring. Students will assemble a video newscast or newsmagazine with content that is usable across various media platforms. Previously offered as JB 4553.

**Credit hours:** 3

**Contact hours:** Lecture: 2 Lab: 2 Contact: 4

**Levels:** Undergraduate

**Schedule types:** Lab, Lecture, Combined lecture and lab

**Department/School:** Media & Strategic Comm

**MMJ 4573 Broadcast Documentary**

**Prerequisites:** MMJ 3553 and MMJ 3913 with a grade of "C" or better in both; and pass proficiency review.

**Description:** Student-written and produced broadcast and cablecast mini-documentaries; analysis of selected programs. Previously offered as JB 4573.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Media & Strategic Comm

**MMJ 4753 Media and Elections**

**Prerequisites:** MC 2003 and MC 2023 with a grade of "C" or better in both; and pass proficiency review.

**Description:** Examination of media's role in the political process with primary emphasis on print and broadcast journalism practices. Meets with MC 5753. No credit for students with credit in MC 5753. Previously offered as JB 4753.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Media & Strategic Comm



**MMJ 4773 Censorship**

**Prerequisites:** MC 2003 and MC 2023 with a grade of "C" or better in both; and pass proficiency review.

**Description:** A critical examination of historical and contemporary occurrences of censorship from legal, philosophical, political, religious and sociological perspectives. The course will explore the definition of censorship, the common elements found in all forms of censorship, the rationalizations and justifications for censorship, and the consequences and unintended results of censorship. No credit for students with credit in MC 5773. Previously offered as JB 4773.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Media & Strategic Comm

**MMJ 4863 Media Management**

**Prerequisites:** MMJ 3263 with a grade of "C" or better; and pass proficiency review.

**Description:** Basic issues, concepts, operational procedures and strategies associated with effectively managing media corporations. Examines management operations related to media convergence. Emphasis is placed on making ethical decisions and administrative choices in staffing and content that reflect a community's diversity. No credit for students with credit in MC 5863. Previously offered as JB 4863.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Media & Strategic Comm

**MMJ 4953 Advanced Production Practices**

**Prerequisites:** MMJ 3913 and MMJ 3263 with a "C" or better; and pass proficiency review.

**Description:** Advanced professional television production. Student produced and directed television programs, including "specials," for distribution on cable or other professional media. Previously offered as JB 4953.

**Credit hours:** 3

**Contact hours:** Lecture: 2 Contact: 3 Other: 1

**Levels:** Undergraduate

**Schedule types:** Discussion, Combined lecture & discussion, Lecture

**Department/School:** Media & Strategic Comm

**MMJ 4960 Live Field Production**

**Prerequisites:** MMJ 3153 with a grade of "C" or better; and pass proficiency review or consent of instructor.

**Description:** Develop a live, in-the-field production from writing a program proposal to an actual live broadcast. Students determine what equipment is needed; conduct a site survey to develop a location plot for the site; determine the best location for the cameras and master control area; write a facilities request; and create scripts for the pre-parade show and the Homecoming parade broadcast. Students also learn proper techniques of in-the-field videography, switching (live editing), and audio. Previously offered as JB 4960. Offered for 3 fixed credit hours, maximum of 6 credit hours.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Media & Strategic Comm

**MMJ 4970 O-State Report**

**Prerequisites:** MMJ 3553 or SPM 3863 with a grade of "C" or better in each or concurrent enrollment in one, pass proficiency review, Instructor permission.

**Description:** Students will have the opportunity to anchor, report and produce for OStateReport, the campus newsmagazine that airs on OStateTV. The class will focus on development of executable news story ideas, writing and producing video news content, production of a news magazine, reporting and anchoring performance and development of a demo reel to be used to obtain professional employment. Offered for variable credit, 1-3 credit hours, maximum of 6 credit hours.

**Credit hours:** 1-3

**Contact hours:** Contact: 1-3 Other: 1-3

**Levels:** Undergraduate

**Schedule types:** Independent Study

**Department/School:** Media & Strategic Comm

**MMJ 4973 Multimedia Journalism Capstone**

**Prerequisites:** MMJ 3553 and MMJ 4393 each with a grade of "C" or better; and either MMJ 4953 or MMJ 3313 with a grade of "C" or better or concurrent enrollment in one; and pass proficiency review.

**Description:** Advanced principles and techniques for students specializing in both news and digital production. Students come together as teams to create multimedia news products.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Media & Strategic Comm

**SC 2183 Introduction to Strategic Communications**

**Prerequisites:** Departmental majors only.

**Description:** This course provides students with information and insights about strategic communications: how messages are created and framed, why we respond to messages the way we do, and how to employ communications strategies to advance organizational goals. The course will address the media, methods, functions and ethics of institutions' communication and interactions with a variety of audiences with an emphasis on public relations and advertising. Previously offered as JB 2183.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Media & Strategic Comm

**SC 3043 Entertainment in the Media**

**Prerequisites:** Departmental Majors Only (MMJ, SPM and SC).

**Description:** This class examines the evolution of storytelling beyond traditional film and television formats and delves into emerging technologies and distribution platforms that are shaping current and future entertainment content. Lectures, in-class exploration of new media content and special guest speakers, who will share their career achievements, challenges, and advances in their area of the evolving new media and gaming industry. Field trips to see special demonstrations of equipment and production.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Media & Strategic Comm

**SC 3353 Persuasive Writing for Strategic Communicators**

**Prerequisites:** MC 2003 and MC 2023 and SC 2183 with a grade of "C" or better in each, pass proficiency review.

**Description:** An examination of the language of persuasive communication, how persuasion works and the techniques of persuasive message strategy. Application of persuasive writing for traditional media and emerging digital media.

**Credit hours:** 3

**Contact hours:** Lecture: 2 Lab: 2 Contact: 4

**Levels:** Undergraduate

**Schedule types:** Lab, Lecture, Combined lecture and lab

**Department/School:** Media & Strategic Comm

**Additional Fees:** AP Stylebook fee of \$5.30 applies.

**SC 3383 Strategic Communications Management and Strategies**

**Prerequisites:** MC 2003 and MC 2023 and SC 2183 with a grade of "C" or better in each; and pass proficiency review.

**Description:** The practice and techniques of public relations as a management function in business, industry, agriculture, government, education and other fields. Course previously offered as JB 3383.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Media & Strategic Comm

**SC 3443 Social Media**

**Prerequisites:** MC 2003 and MC 2023 and SC 2183 with a grade of "C" or better in each; and pass proficiency review.

**Description:** The practice and application of social media such as Facebook, YouTube, Twitter, Instagram and other social networking platforms to strategic communications practice.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Media & Strategic Comm

**SC 3463 Event Planning and Communication**

**Prerequisites:** MC 2003 and MC 2023 and SC 2183 with a grade of "C" or better in each or permission of instructor.

**Description:** This course covers the fundamentals of event planning from a strategic communications perspective. Teaches a variety of aspects involved in event planning including creating a vision and strategic plan, understanding various marketing strategies, budget management, networking, conference design, and assessment. Attendance of two events outside of class are required.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Media & Strategic Comm

**SC 3483 Nonprofit Communications**

**Prerequisites:** MC 2003 and MC 2023 and SC 2183 with a grade of "C" or better in each; and pass proficiency review.

**Description:** This course will offer an overview of branding and communications concepts, helping students approach branding in a way that builds commitment to their organization's mission, increases trust, creates ambassadors, and strengthens impact. Students will gain a basic familiarity with a variety of branding principles, fundraising techniques and develop strategic communication recommendations for an organization with which they are familiar.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Media & Strategic Comm

**SC 3600 Strategic Communications Internship**

**Prerequisites:** SC 3353 and SC 3753 with a grade of "C" or better in both and consent of instructor; and pass proficiency review.

**Description:** Internship practice for qualified strategic communications students who wish creative communications experience beyond that available in the classroom. Course previously offered as JB 3600. Offered for variable credit, 1-3 credit hours, maximum of 6 credit hours.

**Credit hours:** 1-3

**Contact hours:** Contact: 1-3 Other: 1-3

**Levels:** Undergraduate

**Schedule types:** Independent Study

**Department/School:** Media & Strategic Comm

**SC 3603 Copywriting and Creative Strategy**

**Prerequisites:** SC 3353 and SC 3753 with "C" or better in both; and pass proficiency review.

**Description:** Emphasis on developing creative strategy in the context of an advertising campaign. Focus on the "Big Idea" with in-depth skills development in advertising copywriting across all media and formats. Course previously offered as JB 3603.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Media & Strategic Comm

**SC 3753 Graphic Design for Strategic Communication**

**Prerequisites:** MC 2003 and MC 2023, and SC 2183 with a grade of "C" or better in each, pass proficiency review.

**Description:** An analysis and application course focused on designing elements used in strategic communication to include both traditional media and new media. Creative and practical aspects of typography, layout and design. Lab component offers hands-on instruction and skills development. Course previously offered as JB 3753.

**Credit hours:** 3

**Contact hours:** Lecture: 2 Lab: 2 Contact: 4

**Levels:** Undergraduate

**Schedule types:** Lab, Lecture, Combined lecture and lab

**Department/School:** Media & Strategic Comm

**SC 3953 Research Methods for Strategic Communicators**

**Prerequisites:** MC 2003 and MC 2023 and SC 2183 with a grade of "C" or better in each; and STAT 2013 or STAT 2053; and pass proficiency review.

**Description:** Provides an overview of strategic communication research, with an emphasis on its application to the development and evaluation of the strategic communication message. Audience and media research are studied, and primary and secondary information sources are employed. Procedures for conducting a research project are outlined, and students participate in the research planning process, the gathering of primary data, and the analysis and presentation of results.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Media & Strategic Comm

**SC 4013 Advertising Media and Markets**

**Prerequisites:** MC 2003 and MC 2023 and SC 2183 with a grade of "C" or better in each; and STAT 2013 or STAT 2053; and pass proficiency review.

**Description:** Introduction to the strategic use of media. Major principles of media planning and buying, audience measurement, media research, new media technology, and market segmentation. Course previously offered as JB 3013.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Media & Strategic Comm

**SC 4063 Media Performance**

**Prerequisites:** SC 3353 and SC 3753 with grade of "C" or better and pass proficiency review.

**Description:** This class teaches strategic and social media communicators the technical skills and creative principles required to plan, shoot and edit entertainment and information-based video projects. Students will produce a campaign video for their custom channel and produce content that is engaging, entertaining and informative across multiple platforms as they gain the experience and confidence needed to perform in today's ever-evolving media world. There will be live and taped broadcast opportunities.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Media & Strategic Comm

**SC 4223 Media Sales and Marketing**

**Prerequisites:** MC 2003 and MC 2023 with a grade of "C" or better in both; and pass proficiency review.

**Description:** The primary focus of this course is to learn to sell advertising time and space and gain insight into the professional sales process. Course will explore the role of sales in the marketing mix, the intricacies of the different local media available to advertisers, how to make effective sales presentations and the art of prospecting. Course previously offered as JB 4223.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Media & Strategic Comm

**SC 4383 Media Relations**

**Prerequisites:** Senior standing, minimum graduation/retention GPA of 2.5.

**Description:** Strategies for dealing with the news media. Students will gain hands-on experience in conducting media news conferences, pitching story ideas and preparing themselves and other for dealing with news media interviews. Meets with MC 5383. No credit for students with credit in MC 5383. Course previously offered as JB 4383.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Media & Strategic Comm

**SC 4493 Advanced Public Relations Writing**

**Prerequisites:** SC 3353 and SC 3753 with a grade of "C" or better in both; and pass proficiency review.

**Description:** An advanced application course in creating, planning, researching, writing, editing and designing of multimedia materials used in public relations communications. Previously offered as JB 4493.

**Credit hours:** 3

**Contact hours:** Lecture: 2 Lab: 2 Contact: 4

**Levels:** Undergraduate

**Schedule types:** Lab, Lecture, Combined lecture and lab

**Department/School:** Media & Strategic Comm

**Additional Fees:** AP Stylebook fee of \$5.30 applies.

**SC 4520 Specialized Strategic Communication Applications**

**Prerequisites:** SC 3353 and SC 3753 with a grade of "C" or better in both; and pass proficiency review.

**Description:** Professional strategic communications at an advanced level. Strategic communications study of non-profit, corporate, agency, international and other specialized applications. Course content varies by semester. No credit for students with credit in MC 5520 during the same semester or with the same subtitle. Course previously offered as JB 4520. Offered for fixed 3 credit hours, maximum of 9 credit hours.

**Credit hours:** 3

**Contact hours:** Contact: 3 Other: 3

**Levels:** Undergraduate

**Schedule types:** Independent Study

**Department/School:** Media & Strategic Comm

**SC 4603 Integrated Marketing Communication**

**Prerequisites:** MC 2003 and MC 2023; and SC 2183 or MKTG 3213 with a grade of "C" or better in each; and pass proficiency review.

**Description:** Planning and the value of coordinating the various promotional mix elements within a communication campaign to create maximum clarity and impact. Communication elements including advertising, public relations, direct marketing and sales promotion and examine strategies for combining and integrating them into an effective campaign. Theories, models and tools to make better promotional communication decisions. No credit for students with credit in MC 5603. Course previously offered as JB 4603.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Media & Strategic Comm

**SC 4653 Electronic Media Advertising**

**Prerequisites:** SC 3353 and SC 3753 each with a grade of "C" or better; and pass proficiency review.

**Description:** Introduction to the strategic use of entertainment marketing and new media in advertising. Major principles of engagement through current trends in advertising and branding via new technologies, product placement, sponsorship, and cross promotions. All types of new media and entertainment marketing will be explored and analyzed including, but not limited to, Internet advertising, product placement in film, TV and gaming, mobile marketing, and viral marketing. Course previously offered as JB 4653.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Media & Strategic Comm

**SC 4663 Professional Portfolio**

**Prerequisites:** SC 3353 and SC 3753; or MMJ 4423 with a grade of "C" or better in each; or permission of instructor; and pass proficiency review.

**Description:** Designed to help students polish and present their design and creative work in an integrated package coupled with personalized identity materials. Emphasis will be on applying advanced visual and graphic communication theories to present an attractive and persuasive portfolio of creative work. It is intended for students who have completed a significant amount of course work in their field. An intermediate level of experience with desktop design software is assumed.. Course previously offered as JB 4663.

**Credit hours:** 3

**Contact hours:** Lecture: 2 Lab: 2 Contact: 4

**Levels:** Undergraduate

**Schedule types:** Lab, Lecture, Combined lecture and lab

**Department/School:** Media & Strategic Comm

**SC 4743 Entertainment Media Campaigns**

**Prerequisites:** SC 3043 and SC 3443 and SC 3353 and SC 3753 and SC 4013 and MMJ 3153; and MMJ 4573 or MMJ 4960; with a grade of "C" or better in all and pass proficiency review.

**Description:** Students complete a theoretical or applied project during the semester focusing on theoretical/methodological concerns in media and entertainment and their implications for our understanding of media in society. The course culminates in a paper/project that integrates, critiques, extends and applies knowledge gained from prior media and entertainment courses. Students present their own projects and contribute to substantive discussions of presentations by other students.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Media & Strategic Comm

**SC 4763 Social Media Campaigns**

**Prerequisites:** SC 3443 and SC 4013 and SC 4063 and SC 4653 and SC 4493 with grade of "C" or better in each, pass proficiency review.

**Description:** Considering the latest industry standards and best practices in digital communication, this course will focus on social media monitoring, strategic design, creative engagement, and social media campaign evaluation. This course guides students through the process of developing a robust social media campaign for an organization or environment. Emphasis on the role of social influence including the development, value, and role of social media in mass communication.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Media & Strategic Comm

**SC 4843 Strategic Communication Campaigns**

**Prerequisites:** SC 3383, SC 3953, SC 4013; and SC 3603 OR SC 4493 ALL with "C" or better; or permission of instructor, and pass proficiency review.

**Description:** Planning, preparation and presentation of comprehensive integrated strategic communication campaigns for national or local clients. Student teams produce all aspects of the campaign, from conception to presentation. Satisfies capstone requirements for strategic communication majors. Course previously offered as JB 4843.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Media & Strategic Comm

**SC 4980 Advertising Competitions**

**Prerequisites:** Consent of instructor.

**Description:** Research and construction of a comprehensive communications marketing campaign for the America Advertising Federation National Student Advertising Competition. Student team members must make application for admission. Offered for fixed credit, 3 credit hours, maximum of 6 credit hours.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Media & Strategic Comm

**SPM 1883 Introduction to eSports**

**Description:** This course introduces students to eSports. Students will learn about this history of eSports, the rapidly growing world of gaming, genres, streaming, lifestyle, careers, and the various eSports communities to understand how their different roles affect each other. We will begin to explore ways in which eSports are deeply rooted within media and broadcasting. Students will be able to demonstrate their ability to work as a group through team building exercises and effective team communication.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Media & Strategic Comm

**SPM 2843 Sports and the Media**

**Prerequisites:** Departmental majors only.

**Description:** The introductory course for sports media majors. Sports is a major industry in the United States today, and this course is designed to study that industry and the opportunities for and responsibilities of the journalists who cover it. Topics covered include the evolution of the sports media, sports media relations, ethics and the sports media, racial and gender issues in sports and the media, and multimedia sports journalism in the 21st century. Course previously offered as JB 2843.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Media & Strategic Comm

**SPM 3500 Sports Media Internship**

**Prerequisites:** MMJ 3263 and MMJ 3153 or (SC 3353 and SC 3753) with a grade of "C" or better and consent of instructor; and pass proficiency review.

**Description:** Internship practice for qualified sports media students who wish creative communications experience beyond that available in the classroom. Course previously offered as JB 3500. Offered for variable credit, 1-3 credit hours, maximum of 6 credit hours.

**Credit hours:** 1-3

**Contact hours:** Contact: 1-3 Other: 1-3

**Levels:** Undergraduate

**Schedule types:** Independent Study

**Department/School:** Media & Strategic Comm

**SPM 3783 Sports Public Relations**

**Prerequisites:** SPM 2843 and MC 2003 and MC 2023 with a grade of "C" or better in each; and pass proficiency review.

**Description:** Provides an overview and introduction to the practice of public relations within the sport industry. The primary focus of the course is on the role of public relations in all aspects of sport, fundamentals of sport publicity and promotional campaigns. Course previously offered as JB 3783.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Media & Strategic Comm

**SPM 3813 Sports Reporting Across the Media**

**Prerequisites:** MC 2003 and MC 2023 with a grade of "C" or higher in both; and pass proficiency review.

**Description:** This course provides an introductory reporting course specifically for aspiring professionals of major sectors of the sport media industry (i.e., television, internet sites, public relations, newspapers, radio, Twitter and magazines). Students learn the basics of game summaries, keeping accurate statistics, conducting interviews, structuring stories, incorporating quotes in sports media content, all while adhering to AP style and ethical standards of journalism and communications professionals.

**Credit hours:** 3

**Contact hours:** Lecture: 2 Lab: 2 Contact: 4

**Levels:** Undergraduate

**Schedule types:** Lab, Lecture, Combined lecture and lab

**Department/School:** Media & Strategic Comm

**SPM 3843 Contemporary Sports Media**

**Prerequisites:** MC 2003 and MC 2023 with grade of "C" or better in both; and pass proficiency review.

**Description:** Contemporary Sports Media will examine ethical and cultural considerations of the sports media as they pertain to sports gambling, drugs in sports, athletes and crime, privacy of athletes, gender and race in sports, international sports, labor issues in sports, and how the Internet is changing sports coverage.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Media & Strategic Comm

**SPM 3863 Electronic Sports Reporting**

**Prerequisites:** MMJ 3153 and MMJ 3263 and SPM 3813 each with a grade of "C" or better; and pass proficiency review.

**Description:** Introduces students to various types of radio and television sports stories in the media. Students will learn to write in the aural style for broadcast/Web cast format. The course will emphasize other performance situations, such as producing and anchoring radio and television sportscasts. Students will be graded based on a combination of projects and testing.

**Credit hours:** 3

**Contact hours:** Lecture: 2 Lab: 2 Contact: 4

**Levels:** Undergraduate

**Schedule types:** Lab, Lecture, Combined lecture and lab

**Department/School:** Media & Strategic Comm

**SPM 3880 Topics in eSports**

**Description:** Special topics in the field of eSports such as: eSports history, on-air talent, broadcasting, competition management, program coordination, brand management, promotion and advertising. Course content varies by semester. Each topic covered in the course is intended broaden students' horizons on the scope of, and ability to participate in, the eSports universe. No credit for students with previous credit for this course with same subtitle. Offered for variable credit, 1-3 credit hours, maximum of 9 credit hours.

**Credit hours:** 1-3

**Contact hours:** Lecture: 1-3 Contact: 1-3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Media & Strategic Comm

**SPM 4053 Sports Announcing**

**Prerequisites:** MMJ 3153 and MMJ 3263 with a grade of "C" or better; and pass proficiency review.

**Description:** Focuses on the theory and practice of electronic media sports coverage, with an emphasis on the role, skills and practices of radio and TV sports announcers and electronic sports media journalism. The class includes play-by-play broadcasts and a class project. Course previously offered as JB 4053.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Media & Strategic Comm



**SPM 4560 Specialized Sports Media Applications**

**Prerequisites:** SPM 2843, and (SC 3353 or MMJ 3263 or MMJ 3153 with a grade of "C" or better); and pass proficiency review.

**Description:** Professional sports media at an advanced level. Special topics in areas such as sports media production, announcing, performance; sports feature, column and editorial writing. Course content varies by semester. No credit for students in MC 5560 during same semester or with same subtitle. Course previously offered as JB 4560. Offered for fixed 3 credit hours, maximum of 6 credit hours.

**Credit hours:** 3

**Contact hours:** Contact: 3 Other: 3

**Levels:** Undergraduate

**Schedule types:** Independent Study

**Department/School:** Media & Strategic Comm

**SPM 4813 Sports Media Production**

**Prerequisites:** SPM 2843 and MMJ 3263 and MMJ 3913 with a grade of "C" or better; and pass proficiency review.

**Description:** After completing this course students will be able to develop, write, pre-produce, produce, perform as talent and post-produce programming for broadcast sports media. By becoming proficient with specific production and performance techniques, you will be qualified to pursue an internship and/or employment with a media organization. Previously offered as JB 4813.

**Credit hours:** 3

**Contact hours:** Lecture: 2 Lab: 2 Contact: 4

**Levels:** Undergraduate

**Schedule types:** Lab, Lecture, Combined lecture and lab

**Department/School:** Media & Strategic Comm

**SPM 4833 Sports Information Systems**

**Prerequisites:** MMJ 3263 or SPM 3813 with a grade of "C" or higher; and pass proficiency review.

**Description:** This course teaches basic skills needed to work in sport public relations/sport media relations. Students produce their own game stories, apply AP Style sports writing, utilize Stat Crew software, how to keep and record statistics, and best practices for using social media and handling crises communication in sports.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Media & Strategic Comm

**SPM 4853 Advanced Sports Writing**

**Prerequisites:** SPM 2843 and SPM 3813 and MMJ 3263 with a grade of "C" or better in each; and pass proficiency review.

**Description:** Advanced sports writing and reporting, which includes a wide variety of writing and reporting assignments, leading to an emphasis on enterprise and investigative reporting, as well as long-form features. Final projects should be of such quality to serve as the lead products in individual student portfolios. Same course as JB 3853 and SPM 3853.

**Credit hours:** 3

**Contact hours:** Lecture: 2 Lab: 2 Contact: 4

**Levels:** Undergraduate

**Schedule types:** Lab, Lecture, Combined lecture and lab

**Department/School:** Media & Strategic Comm

**SPM 4883 Sports Media Capstone**

**Prerequisites:** SPM 3863 and MMJ 4393 each with a grade of "C" or better, and either SPM 4853 or SPM 4813 each with a grade of "C" or better or concurrent enrollment in one; and pass proficiency review.

**Description:** Capstone course for multimedia sports majors, giving them the opportunity to apply the skills they have learned to a final project that will be coordinated with a media outlet with the goal of publication. In addition, students will work on writing for print and electronic media, multimedia sports programming, management skills, and ethics and cultural issues in sports media. Course previously offered as JB 4883.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Media & Strategic Comm

**SPM 4933 Sports Information Capstone**

**Prerequisites:** SPM 3783, SPM 3813 and SPM 4833, and MMJ 3153 and MMJ 4393 and SC 3753 with a grade of "C" or better in each; and pass proficiency review.

**Description:** This course examines critical, contemporary issues, and teaches skills and best practices needed for sports information and the sports public relations profession. Particular focus is placed on best practices and responses in the digital age.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Media & Strategic Comm

## Undergraduate Programs

- Multimedia Journalism, BA (p. 1460)
- Multimedia Journalism, BS (p. 1463)
- Sports Media, BA (p. 1466)
- Sports Media, BS (p. 1469)
- Strategic Communication: Advertising and Public Relations, BA (p. 1472)
- Strategic Communication: Advertising and Public Relations, BS (p. 1475)
- Strategic Communication: Entertainment Media, BA (p. 1478)
- Strategic Communication: Entertainment Media, BS (p. 1481)
- Strategic Communication: Social Media, BA (p. 1484)
- Strategic Communication: Social Media, BS (p. 1487)

## Graduate Programs

The School of Media and Strategic Communications offers courses leading to the degree of Master of Science in mass communications. Preferred qualifications for admission to the master's program include a bachelor's degree in an area of mass communication with an overall grade-point average of 3.0. The Graduate Record Exam (GRE) is not required. Graduates of a non-mass communication discipline may enter the Master of Science program, with the stipulation that they complete, without graduate credit, foundation courses relevant to career interests during the first year of their graduate education.

Specialty tracks in brand communication, global communication, and sports communication are offered. Basic emphasis is on the application of communication theories and research to the professional aspects of



mass communication. Electives in the behavioral sciences or business management are encouraged.

## Faculty

Craig Freeman, JD—Professor and Director

**Professor:** Jami Fullerton, PhD (Peggy Welch Chair in Integrated Marketing Communications); Edward Kian, PhD (Welch-Bridgewater Chair of Sports Media); John McGuire, PhD

**Associate Professors:** Jack Hodgson, MA; Bobbi Kay Lewis, PhD; Jared Johnson, PhD; Lori McKinnon, PhD; Ray Murray, MS; Joey Senat, PhD

**Assistant Professors:** Mikyeung Bae, PhD; Asya Cooley, PhD; Skye Cooley, PhD; Rachel Lim, PhD; Benetta Liu, PhD

**Associate Professors of Professional Practice:** Gina Noble, MS

**Assistant Professors of Professional Practice:** Andrew Abernathy, MA; Rosemary Avance, PhD

# Multimedia Journalism, BA

## Degree Requirements

**Requirements for Students Matriculating in or before Academic Year 2022-2023.** Learn more about University Academic Regulation 3.1 (p. 943).

**Minimum Overall Grade Point Average:** 2.00

**Total Hours:** 120

Code	Title	Hours
<b>General Education Requirements</b>		
<i>English Composition</i>		
See Academic Regulation 3.5 (p. 944)		
ENGL 1113	Composition I	3
or ENGL 1313	Critical Analysis and Writing I	
Select one of the following:		3
ENGL 1213	Composition II	
ENGL 1413	Critical Analysis and Writing II	
ENGL 3323	Technical Writing	
<i>American History &amp; Government</i>		
HIST 1103	Survey of American History	3
or HIST 1483	American History to 1865 (H)	
or HIST 1493	American History Since 1865 (DH)	
POLS 1113	American Government	3
<i>Analytical &amp; Quantitative Thought (A)</i>		
STAT 2013	Elementary Statistics (A)	3
or STAT 2053	Elementary Statistics for the Social Sciences (A)	
<i>Humanities (H)</i>		
Courses designated (H)		6
<i>Natural Sciences (N)</i>		
Must include one Laboratory Science (L) course		
Courses designated (N)		6
<i>Social &amp; Behavioral Sciences (S)</i>		
ECON 1113	The Economics of Social Issues (S)	3
or ECON 2103	Introduction to Microeconomics (S)	
MC 1143	Media in a Diverse Society (DS)	3
SPCH 2713	Introduction to Speech Communication (S)	3
<i>Additional General Education</i>		
Courses designated (A), (H), (N), or (S)		4
<b>Hours Subtotal</b>		<b>40</b>
<b>Diversity (D) &amp; International Dimension (I)</b>		
May be completed in any part of the degree plan		
Select at least one Diversity (D) course		
Select at least one International Dimension (I) course		
<b>College/Departmental Requirements</b>		
<i>First Year Seminar</i>		
(Transfer students with 15 hours exempt)		1
<i>Arts &amp; Humanities</i>		
See note 2.a.		9
<i>Natural &amp; Mathematical Sciences</i>		
See note 2.b.		3
<i>Foreign Language</i>		

See note 3	9	
<i>Non-Western Studies</i>		
At least one course		
See note 2.d.		
<i>Upper-Division General Education</i>		
Select 6 hours outside major department		
See note 2.c.		
<b>Hours Subtotal</b>	<b>22</b>	
<b>Major Requirements</b>		
Minimum 2.50 GPA. Minimum grade of "C" in all MC-MMJ-SC-SPM prefix courses.		
<i>Lower-division Professional Sequence</i>		
2.75 GPA and declared major required		
MC 2003	Mass Media Style and Structure	3
MC 2023	Electronic Communication	3
MMJ 2063	Fundamentals of Journalism	3
<i>Upper-division Professional Sequence</i>		
Proficiency Review required		
MC 4143	Ethics and Issues in Mass Communications	3
MC 4163	Mass Communication Law	3
MMJ 3153	Fundamentals of Video and Studio Production	3
MMJ 3263	Multimedia Reporting	3
MMJ 3553	Advanced Reporting	3
MMJ 4393	Data Journalism	3
MMJ 4973	Multimedia Journalism Capstone	3
Select 9 hours of MC-MMJ-SC-SPM (3 hours must be upper-division)		9
Select 3 hours of upper-division Traditional Liberal Arts (A&S, AERO, AMIS, AMST, ANTH, ART, ASL, ASTR, BIOL, CDIS, CHEM, CHIN, CS, DANC, DIVR, ENGL, FLL, FREN, GEOG, GEOL, GREK, GRMN, GWST, HIST, JAPN, LATN, MATH, MICR, MUSI, PHIL, PHYS, POLS, PSYC, REL, RUSS, SOC, SPAN, SPCH, STAT, TH) or Business or Gen Ed		3
<i>Emphasis</i>		
Complete one Area of Emphasis (p. 1461)		12
<b>Hours Subtotal</b>	<b>54</b>	
<b>Electives</b>		
Select 4 hours		4
May need to include 6 hours upper-division general education outside major department (see note 2.c.) and 1 additional upper division hour		
May not be able to use additional courses in MC-MMJ-SC-SPM MATH 1483 or MATH 1513 required for students not placing directly into STAT		
<b>Hours Subtotal</b>	<b>4</b>	
<b>Total Hours</b>	<b>120</b>	

A 2.75 graduation retention GPA and at least 24 hours completed required to initially declare major. Passing the proficiency review is required for upper-division major requirements. This includes a 2.75 graduation retention GPA, and at least 12 OSU hours earned, and a 2.75 OSU GPA, and a passing score on the Language Proficiency Exam.

A minimum of 72 hours must be taken outside of MC-MMJ-SC-SPM. No more than 12 hours in MC-MMJ-SC-SPM can be transferred from other institutions.

Students are required to develop and maintain a portfolio exhibiting specific and appropriate work including required class assignments.

## Areas of Emphasis

### Multimedia News Emphasis

Code	Title	Hours
MMJ 3313	Editing in a Multimedia Environment	3
MMJ 4313	Public Affairs Reporting	3
Select 6 hours of upper-division POLS		6

### Multimedia Production Emphasis

Code	Title	Hours
MMJ 3913	Field Production	3
MMJ 4953	Advanced Production Practices	3
Select 6 hours of upper-division Traditional Liberal Arts (A&S, AERO, AMIS, AMST, ANTH, ART, ASL, ASTR, BIOL, CDIS, CHEM, CHIN, CS, DANC, DIVR, ENGL, FLL, FREN, GEOG, GEOL, GREK, GRMN, GWST, HIST, JAPN, LATN, MATH, MICR, MUSI, PHIL, PHYS, POLS, PSYC, REL, RUSS, SOC, SPAN, SPCH, STAT, TH) or Business or Gen Ed		6

## Other Requirements

- See the College of Arts and Sciences Requirements.
- Minimum 2.50 GPA in all MC-MMJ-SC-SPM prefix courses.
- **Upper-Division Credit:** Total hours must include at least 40 hours in courses numbered 3000 or above.
- **Hours in One Department:** The School of Media and Strategic Communications requires that no more than 48 hours in MC-MMJ-SC-SPM may be applied to degree requirements.

## College of Arts and Sciences Requirements

### 1. General Education Requirements

No more than two courses (or eight hours) from the major department (<http://catalog.okstate.edu/college-arts-sciences-major-departments/>) may be used to meet General Education and College and Departmental Requirements. The General Education required English Composition, required U.S. History, required American Government, one required MATH or STAT course, and required foreign language for B.A. degrees do not count against the two-course maximum.

### 2. A&S College/Departmental Requirements

- Arts and Humanities are defined as any course carrying an (H) designation or courses from AMST, ART, DANC, ENGL (except ENGL 3323 Technical Writing) HIST, MUSI, PHIL (except PHIL 1313 Logic and Critical Thinking (A), PHIL 3003 Symbolic Logic (A) and PHIL 4003 Mathematical Logic and Computability), REL, TH, and foreign languages.
- Natural and Mathematical Sciences are defined as any course from the following prefixes: ASTR, BIOC, BIOL, CHEM, CS (except CS 4883 Social Issues in Computing), GEOL, MATH, MICR, PBIO, PHYS, and STAT; or courses from other departments that carry an (A) or (N) general education designation.

- The required six hours of upper-division General Education may not include courses from the student's major department. This requirement may be satisfied by courses also used to satisfy any part of a student's degree program (i.e., in General Education, College Departmental Requirements, Major Requirements or Electives).
- Non-Western Studies Requirement for B.A. and B.F.A.; One 3-hour course in Non-Western Studies (N.W.). This requirement may be satisfied by courses also used to satisfy any part of a student's degree program (i.e., in General Education, College Departmental Requirements, Major Requirements or Electives).
- The College of Arts & Sciences requires a minimum 2.0 GPA in all major requirements and a minimum 2.0 GPA in all major-prefix courses applied to the degree.

### 3. Foreign Language Proficiency

- The foreign language requirement for the B.A. may be satisfied by 9 hours college credit in the same language, which must include 3 hours at the 2000-level, or equivalent proficiency (e.g., passing an advanced standing examination; TOEFL exam; presenting a high school transcript which demonstrates the high school was primarily conducted in a language other than English; etc.). Computer Science courses may not be used to satisfy this requirement. Currently Arabic and Mvskoke are not offered at the 2000-level at OSU.
- The foreign language requirement for the B.S., B.M. and B.F.A. may be satisfied by presenting a high school transcript which demonstrates two years of study of a single foreign language (passing grades at second-year level of study). It may also be satisfied by 6 hours college credit in the same language, which must include language courses 1713 and 1813, or equivalent proficiency (e.g., passing an advanced standing examination; TOEFL exam; presenting a high school transcript which demonstrates the high school was primarily conducted in a language other than English; etc.). Computer Science courses may not be used to satisfy this requirement.
- In addition to a. and b., students pursuing teacher certification must meet novice-high foreign language proficiency by presenting a high school transcript which demonstrates two years of study of a single foreign language with no grade below B. Or, students may complete 3 hours college credit in a single language with no grade below C (or pass an advanced standing examination, College Level Examination Program (CLEP) exam, or Oral Proficiency Interview developed by the American Council on the Teaching of Foreign Languages, equivalent to 3 hours of college credit.) Or, students may meet the requirement by transfer of documentation of meeting the foreign language competency from one of the teacher education programs in the State of Oklahoma approved by the Oklahoma State Regents for Higher Education.

### 4. Exclusions

- Courses used to satisfy the General Education English Composition, U.S. History, American Government, and Mathematics or Statistics requirements will not count toward the 54-hour maximum allowed from one department.
- Courses with ATHL or LEIS prefixes and leisure activity courses may not be used for degree credit.

## Additional State/OSU Requirements

- At least: 60 hours at a four-year institution; 30 hours completed at OSU; 15 of the final 30 or 50% of the upper-division hours in the major field completed at OSU.
- Limit of: one-half of major course requirements as transfer work; one-fourth of hours earned by correspondence; 8 transfer correspondence hours.
- Students will be held responsible for degree requirements in effect at the time of matriculation and any changes that are made, so long as these changes do not result in semester credit hours being added or do not delay graduation.
- Degrees that follow this plan must be completed by the end of Summer 2028.

## Example Plan of Study

### Finish in Four Plan of Study

The plan below is an example of how students can successfully complete degree requirements in four years. This suggested class schedule plan may be used as a guide and can be adjusted based on individual needs. Students are required to meet with an academic advisor prior to enrollment each semester to plan their class schedule, and students are ultimately responsible for completing all degree requirements.

Course	Title	Hours
<b>Freshman</b>		
<b>Fall</b>		
ENGL 1113	Composition I	3
MATH 1483 or MATH 1513	Mathematical Functions and Their Uses (A) or College Algebra (A)	3
General Education courses		8
<b>Hours</b>		<b>14</b>
<b>Spring</b>		
ENGL 1213	Composition II	3
STAT 2013 or STAT 2053 or STAT 2023	Elementary Statistics (A) or Elementary Statistics for the Social Sciences (A) or Elementary Statistics for Business and Economics (A)	3
General Education courses		10
<b>Hours</b>		<b>16</b>
<b>Sophomore</b>		
<b>Fall</b>		
MMJ 2063	Fundamentals of Journalism	3
MC 2003	Mass Media Style and Structure	3
MC 2023	Electronic Communication	3
1713	First Semester Foreign Language	3
General Education courses		3
<b>Hours</b>		<b>15</b>
<b>Spring</b>		
MMJ 3153	Fundamentals of Video and Studio Production	3
MMJ 3263	Multimedia Reporting	3
1813	Second Semester Foreign Language	3
College and Elective courses		6
<b>Hours</b>		<b>15</b>
<b>Junior</b>		
<b>Fall</b>		
MMJ 3313 or MMJ 3913	Editing in a Multimedia Environment or Field Production	3
MMJ 4393	Data Journalism	3
2000-level	Foreign Language	3

Major, College, and Elective courses		6
<b>Hours</b>		<b>15</b>
<b>Spring</b>		
MMJ 4313 or MMJ 4953	Public Affairs Reporting (Sp) or Advanced Production Practices	3
MC 4143	Ethics and Issues in Mass Communications	3
Major, College, and Elective courses		9
<b>Hours</b>		<b>15</b>
<b>Senior</b>		
<b>Fall</b>		
MMJ 3553	Advanced Reporting	3
MC 4163	Mass Communication Law	3
Major, College, and Elective courses		9
<b>Hours</b>		<b>15</b>
<b>Spring</b>		
MMJ 4973	Multimedia Journalism Capstone (Sp)	3
Major, College, and Elective courses		12
<b>Hours</b>		<b>15</b>
<b>Total Hours</b>		<b>120</b>

# Multimedia Journalism, BS

## Degree Requirements

**Requirements for Students Matriculating in or before Academic Year 2022-2023.** Learn more about University Academic Regulation 3.1 (p. 943).

**Minimum Overall Grade Point Average:** 2.00

**Total Hours:** 120

Code	Title	Hours
<b>General Education Requirements</b>		
<i>English Composition</i>		
See Academic Regulation 3.5 (p. 944)		
ENGL 1113	Composition I	3
or ENGL 1313	Critical Analysis and Writing I	
Select one of the following:		3
ENGL 1213	Composition II	
ENGL 1413	Critical Analysis and Writing II	
ENGL 3323	Technical Writing	
<i>American History &amp; Government</i>		
HIST 1103	Survey of American History	3
or HIST 1483	American History to 1865 (H)	
or HIST 1493	American History Since 1865 (DH)	
POLS 1113	American Government	3
<i>Analytical &amp; Quantitative Thought (A)</i>		
STAT 2013	Elementary Statistics (A)	3
or STAT 2053	Elementary Statistics for the Social Sciences (A)	
<i>Humanities (H)</i>		
Courses designated (H)		6
<i>Natural Sciences (N)</i>		
Must include one Laboratory Science (L) course		
Courses designated (N)		6
<i>Social &amp; Behavioral Sciences (S)</i>		
ECON 1113	The Economics of Social Issues (S)	3
or ECON 2103	Introduction to Microeconomics (S)	
MC 1143	Media in a Diverse Society (DS)	3
SPCH 2713	Introduction to Speech Communication (S)	3
<i>Additional General Education</i>		
Courses designated (A), (H), (N), or (S)		4
<b>Hours Subtotal</b>		<b>40</b>
<b>Diversity (D) &amp; International Dimension (I)</b>		
May be completed in any part of the degree plan		
Select at least one Diversity (D) course		
Select at least one International Dimension (I) course		
<b>College/Departmental Requirements</b>		
<i>First Year Seminar</i>		
(Transfer students with 15 hours exempt)		1
<i>Arts &amp; Humanities</i>		
See note 2.a.		3
<i>Natural &amp; Mathematical Sciences</i>		
See note 2.b.		9
<i>Foreign Language</i>		

See note 3

0-6 hours

*Upper-Division General Education*

Select 6 hours outside major department

See note 2.c.

**Hours Subtotal** **13**

**Major Requirements**

Minimum 2.50 GPA. Minimum grade of "C" in all MC-MMJ-SC-SPM prefix courses.

*Lower-division Professional Sequence*

2.75 GPA and declared major required

MC 2003 Mass Media Style and Structure 3

MC 2023 Electronic Communication 3

MMJ 2063 Fundamentals of Journalism 3

*Upper-division Professional Sequence*

Proficiency Review required

MC 4143 Ethics and Issues in Mass Communications 3

MC 4163 Mass Communication Law 3

MMJ 3153 Fundamentals of Video and Studio Production 3

MMJ 3263 Multimedia Reporting 3

MMJ 3553 Advanced Reporting 3

MMJ 4393 Data Journalism 3

MMJ 4973 Multimedia Journalism Capstone 3

Select 9 hours of MC-MMJ-SC-SPM (3 hours must be upper-division) 9

Select 3 hours of upper-division Traditional Liberal Arts (A&S, AERO, AMIS, AMST, ANTH, ART, ASL, ASTR, BIOL, CDIS, CHEM, CHIN, CS, DANC, DIVR, ENGL, FLL, FREN, GEOG, GEOL, GREK, GRMN, GWST, HIST, JAPN, LATN, MATH, MICR, MUSI, PHIL, PHYS, POLS, PSYC, REL, RUSS, SOC, SPAN, SPCH, STAT, TH) or Business or Gen Ed 3

Complete one Area of Emphasis (p. 1464) 12

*Emphasis*

Complete one Area of Emphasis (p. 1464) 12

**Hours Subtotal** **54**

**Electives**

Select 13 hours 13

May need to include 6 hours of a foreign language. See note 3

May need to include 6 hours upper-division general education outside major department (see note 2.c.) and 1 additional upper division hour

May not be able to use additional courses in MC-MMJ-SC-SPM

MATH 1483 or MATH 1513 required for students not placing directly into STAT

**Hours Subtotal** **13**

**Total Hours** **120**

A 2.75 graduation retention GPA and at least 24 hours completed required to initially declare major. Passing the proficiency review is required for upper-division major requirements. This includes a 2.75 graduation retention GPA, and at least 12 OSU hours earned, and a 2.75 OSU GPA, and a passing score on the Language Proficiency Exam.

A minimum of 72 hours must be taken outside of MC-MMJ-SC-SPM. No more than 12 hours in MC-MMJ-SC-SPM can be transferred from other institutions.

Students are required to develop and maintain a portfolio exhibiting specific and appropriate work including required class assignments.

## Areas of Emphasis

### Multimedia News Emphasis

Code	Title	Hours
MMJ 3313	Editing in a Multimedia Environment	3
MMJ 4313	Public Affairs Reporting	3
Select 6 hours of upper-division POLS		6

### Multimedia Production Emphasis

Code	Title	Hours
MMJ 3913	Field Production	3
MMJ 4953	Advanced Production Practices	3
Select 6 hours of upper-division Traditional Liberal Arts (A&S, AERO, AMIS, AMST, ANTH, ART, ASL, ASTR, BIOL, CDIS, CHEM, CHIN, CS, DANC, DIVR, ENGL, FLL, FREN, GEOG, GEOL, GREK, GRMN, GWST, HIST, JAPN, LATN, MATH, MICR, MUSI, PHIL, PHYS, POLS, PSYC, REL, RUSS, SOC, SPAN, SPCH, STAT, TH) or Business or Gen Ed		6

## Other Requirements

- See the College of Arts and Sciences Requirements.
- Minimum 2.50 GPA in all MC-MMJ-SC-SPM prefix courses.
- **Upper-Division Credit:** Total hours must include at least 40 hours in courses numbered 3000 or above.
- **Hours in One Department:** The School of Media and Strategic Communications requires that no more than 48 hours in MC-MMJ-SC-SPM may be applied to degree requirements.

## College of Arts and Sciences Requirements

### 1. General Education Requirements

No more than two courses (or eight hours) from the major department (<http://catalog.okstate.edu/college-arts-sciences-major-departments/>) may be used to meet General Education and College and Departmental Requirements. The General Education required English Composition, required U.S. History, required American Government, one required MATH or STAT course, and required foreign language for B.A. degrees do not count against the two-course maximum.

### 2. A&S College/Departmental Requirements

- Arts and Humanities are defined as any course carrying an (H) designation or courses from AMST, ART, DANC, ENGL (except ENGL 3323 Technical Writing) HIST, MUSI, PHIL (except PHIL 1313 Logic and Critical Thinking (A), PHIL 3003 Symbolic Logic (A) and PHIL 4003 Mathematical Logic and Computability), REL, TH, and foreign languages.
- Natural and Mathematical Sciences are defined as any course from the following prefixes: ASTR, BIOC, BIOL, CHEM, CS (except CS 4883 Social Issues in Computing), GEOL, MATH, MICR, PBIO, PHYS, and STAT; or courses from other departments that carry an (A) or (N) general education designation.

- The required six hours of upper-division General Education may not include courses from the student's major department. This requirement may be satisfied by courses also used to satisfy any part of a student's degree program (i.e., in General Education, College Departmental Requirements, Major Requirements or Electives).
- Non-Western Studies Requirement for B.A. and B.F.A.; One 3-hour course in Non-Western Studies (N.W.). This requirement may be satisfied by courses also used to satisfy any part of a student's degree program (i.e., in General Education, College Departmental Requirements, Major Requirements or Electives).
- The College of Arts & Sciences requires a minimum 2.0 GPA in all major requirements and a minimum 2.0 GPA in all major-prefix courses applied to the degree.

### 3. Foreign Language Proficiency

- The foreign language requirement for the B.A. may be satisfied by 9 hours college credit in the same language, which must include 3 hours at the 2000-level, or equivalent proficiency (e.g., passing an advanced standing examination; TOEFL exam; presenting a high school transcript which demonstrates the high school was primarily conducted in a language other than English; etc.). Computer Science courses may not be used to satisfy this requirement. Currently Arabic and Mvskoke are not offered at the 2000-level at OSU.
- The foreign language requirement for the B.S., B.M. and B.F.A. may be satisfied by presenting a high school transcript which demonstrates two years of study of a single foreign language (passing grades at second-year level of study). It may also be satisfied by 6 hours college credit in the same language, which must include language courses 1713 and 1813, or equivalent proficiency (e.g., passing an advanced standing examination; TOEFL exam; presenting a high school transcript which demonstrates the high school was primarily conducted in a language other than English; etc.). Computer Science courses may not be used to satisfy this requirement.
- In addition to a. and b., students pursuing teacher certification must meet novice-high foreign language proficiency by presenting a high school transcript which demonstrates two years of study of a single foreign language with no grade below B. Or, students may complete 3 hours college credit in a single language with no grade below C (or pass an advanced standing examination, College Level Examination Program (CLEP) exam, or Oral Proficiency Interview developed by the American Council on the Teaching of Foreign Languages, equivalent to 3 hours of college credit.) Or, students may meet the requirement by transfer of documentation of meeting the foreign language competency from one of the teacher education programs in the State of Oklahoma approved by the Oklahoma State Regents for Higher Education.

### 4. Exclusions

- Courses used to satisfy the General Education English Composition, U.S. History, American Government, and Mathematics or Statistics requirements will not count toward the 54-hour maximum allowed from one department.
- Courses with ATHL or LEIS prefixes and leisure activity courses may not be used for degree credit.



## Additional State/OSU Requirements

- At least: 60 hours at a four-year institution; 30 hours completed at OSU; 15 of the final 30 or 50% of the upper-division hours in the major field completed at OSU.
- Limit of: one-half of major course requirements as transfer work; one-fourth of hours earned by correspondence; 8 transfer correspondence hours.
- Students will be held responsible for degree requirements in effect at the time of matriculation and any changes that are made, so long as these changes do not result in semester credit hours being added or do not delay graduation.
- Degrees that follow this plan must be completed by the end of Summer 2028.

## Example Plan of Study

### Finish in Four Plan of Study

The plan below is an example of how students can successfully complete degree requirements in four years. This suggested class schedule plan may be used as a guide and can be adjusted based on individual needs. Students are required to meet with an academic advisor prior to enrollment each semester to plan their class schedule, and students are ultimately responsible for completing all degree requirements.

Course	Title	Hours
<b>Freshman</b>		
<b>Fall</b>		
ENGL 1113	Composition I	3
MATH 1483 or MATH 1513	Mathematical Functions and Their Uses (A) or College Algebra (A)	3
General Education courses		10
<b>Hours</b>		<b>16</b>
<b>Spring</b>		
ENGL 1213	Composition II	3
STAT 2013 or STAT 2053 or STAT 2023	Elementary Statistics (A) or Elementary Statistics for the Social Sciences (A) or Elementary Statistics for Business and Economics (A)	3
General Education courses		8
<b>Hours</b>		<b>14</b>
<b>Sophomore</b>		
<b>Fall</b>		
MMJ 2063	Fundamentals of Journalism	3
MC 2003	Mass Media Style and Structure	3
MC 2023	Electronic Communication	3
General Education courses		6
<b>Hours</b>		<b>15</b>
<b>Spring</b>		
MMJ 3153	Fundamentals of Video and Studio Production	3
MMJ 3263	Multimedia Reporting	3
College and Elective courses		9
<b>Hours</b>		<b>15</b>
<b>Junior</b>		
<b>Fall</b>		
MMJ 3313 or MMJ 3913	Editing in a Multimedia Environment (F) or Field Production	3
MMJ 4393	Data Journalism	3
Major, College, and Elective courses		9
<b>Hours</b>		<b>15</b>

<b>Spring</b>		
MMJ 4313 or MMJ 4953	Public Affairs Reporting (Sp) or Advanced Production Practices	3
MC 4143	Ethics and Issues in Mass Communications	3
Major, College, and Elective courses		9
<b>Hours</b>		<b>15</b>
<b>Senior</b>		
<b>Fall</b>		
MMJ 3553	Advanced Reporting (F)	3
MC 4163	Mass Communication Law	3
Major, College, and Elective courses		9
<b>Hours</b>		<b>15</b>
<b>Spring</b>		
MMJ 4973	Multimedia Journalism Capstone	3
Major, College, and Elective courses		12
<b>Hours</b>		<b>15</b>
<b>Total Hours</b>		<b>120</b>

1

Speak with academic advisor about saving General Education electives and Humanities (H) for Upper-division courses with International (I) and Diversity (D) dimensions.

# Sports Media, BA

## Degree Requirements

**Requirements for Students Matriculating in or before Academic Year 2022-2023.** Learn more about University Academic Regulation 3.1 (p. 943).

**Minimum Overall Grade Point Average:** 2.00

**Total Hours:** 120

Code	Title	Hours
<b>General Education Requirements</b>		
<i>English Composition</i>		
See Academic Regulation 3.5 (p. 944)		
ENGL 1113	Composition I	3
or ENGL 1313	Critical Analysis and Writing I	
Select one of the following:		3
ENGL 1213	Composition II	
ENGL 1413	Critical Analysis and Writing II	
ENGL 3323	Technical Writing	
<i>American History &amp; Government</i>		
HIST 1103	Survey of American History	3
or HIST 1483	American History to 1865 (H)	
or HIST 1493	American History Since 1865 (DH)	
POLS 1113	American Government	3
<i>Analytical &amp; Quantitative Thought (A)</i>		
STAT 2013	Elementary Statistics (A)	3
or STAT 2053	Elementary Statistics for the Social Sciences (A)	
<i>Humanities (H)</i>		
Courses designated (H)		6
<i>Natural Sciences (N)</i>		
Must include one Laboratory Science (L) course		
Courses designated (N)		6
<i>Social &amp; Behavioral Sciences (S)</i>		
ECON 1113	The Economics of Social Issues (S)	3
or ECON 2103	Introduction to Microeconomics (S)	
MC 1143	Media in a Diverse Society (DS)	3
SPCH 2713	Introduction to Speech Communication (S)	3
<i>Additional General Education</i>		
Courses designated (A), (H), (N), or (S)		4
<b>Hours Subtotal</b>		<b>40</b>
<b>Diversity (D) &amp; International Dimension (I)</b>		
May be completed in any part of the degree plan		
Select at least one Diversity (D) course		
Select at least one International Dimension (I) course		
<b>College/Departmental Requirements</b>		
<i>First Year Seminar</i>		
(Transfer students with 15 hours exempt)		1
<i>Arts &amp; Humanities</i>		
See note 2.a.		9
<i>Natural &amp; Mathematical Sciences</i>		
See note 2.b.		3
<i>Foreign Language</i>		

See note 3	9	
<i>Upper-Division General Education</i>		
Select 6 hours outside major department		
See note 2.c.		
<b>Hours Subtotal</b>	<b>22</b>	
<b>Major Requirements</b>		
Minimum 2.50 GPA. Minimum grade of "C" in all MC-MMJ-SC-SPM prefix courses.		
<i>Lower-division Professional Sequence</i>		
2.75 GPA and declared major required		
MC 2003	Mass Media Style and Structure	3
MC 2023	Electronic Communication	3
SPM 2843	Sports and the Media	3
<i>Upper-division Professional Sequence</i>		
Proficiency Review required		
MC 4143	Ethics and Issues in Mass Communications	3
MC 4163	Mass Communication Law	3
SPM 3813	Sports Reporting Across the Media	3
MMJ 3153	Fundamentals of Video and Studio Production	3
MMJ 3263	Multimedia Reporting	3
MMJ 4393	Data Journalism	3
SPM 3863	Electronic Sports Reporting	3
SPM 4883	Sports Media Capstone	3
Select 6 hours additional of MC-MMJ-SC-SPM	6	
Select 9 hours of upper-division Traditional Liberal Arts (A&S, AERO, AMIS, AMST, ANTH, ART, ASL, ASTR, BIOL, CDIS, CHEM, CHIN, CS, DANC, DIVR, ENGL, FLL, FREN, GEOG, GEOL, GREK, GRMN, GWST, HIST, JAPN, LATN, MATH, MICR, MUSI, PHIL, PHYS, POLS, PSYC, REL, RUSS, SOC, SPAN, SPCH, STAT, TH) or Business or Gen Ed	9	
<i>Emphasis</i>		
Complete one Area of Emphasis (p. 1467)	6	
<b>Hours Subtotal</b>	<b>54</b>	
<b>Electives</b>		
Select 4 hours	4	
May need to include 6 hours upper-division general education outside major department (see note 2.c.) and 1 additional upper-division hour		
May not be able to use additional courses in MC-MMJ-SC-SPM		
MATH 1483 or MATH 1513 required if student does not place directly into STAT		
<b>Hours Subtotal</b>	<b>4</b>	
<b>Total Hours</b>	<b>120</b>	

A 2.75 graduation retention GPA and at least 24 hours completed required to initially declare major. Passing the proficiency review is required for upper-division major requirements. This includes a 2.75 graduation retention GPA, and at least 12 OSU hours earned, and a 2.75 OSU GPA, and a passing score on the Language Proficiency Exam.

A minimum of 72 hours must be taken outside of MC-MMJ-SC-SPM. No more than 12 hours in MC-MMJ-SC-SPM can be transferred from other institutions

Students are required to develop and maintain a portfolio exhibiting specific and appropriate work including required class assignments.

## Areas of Emphasis

### Sports News Emphasis

Code	Title	Hours
Select two of the following: 6		
MMJ 3313	Editing in a Multimedia Environment	
MMJ 3913	Field Production	
MMJ 4313	Public Affairs Reporting	
SPM 4053	Sports Announcing	
SPM 4833	Sports Information Systems	
SPM 4853	Advanced Sports Writing	

### Sports Production Emphasis

Code	Title	Hours
MMJ 3913	Field Production	3
SPM 4813	Sports Media Production	3

## Other Requirements

- See the College of Arts and Sciences Requirements.
- Minimum 2.50 GPA in all MC-MMJ-SC-SPM prefix courses.
- **Upper-Division Credit:** Total hours must include at least 40 hours in courses numbered 3000 or above.
- **Hours in One Department:** The School of Media and Strategic Communications requires that no more than 48 hours in MC-MMJ-SC-SPM may be applied to degree requirements.

## College of Arts and Sciences Requirements

### 1. General Education Requirements

No more than two courses (or eight hours) from the major department (<http://catalog.okstate.edu/college-arts-sciences-major-departments/>) may be used to meet General Education and College and Departmental Requirements. The General Education required English Composition, required U.S. History, required American Government, one required MATH or STAT course, and required foreign language for B.A. degrees do not count against the two-course maximum.

### 2. A&S College/Departmental Requirements

- Arts and Humanities are defined as any course carrying an (H) designation or courses from AMST, ART, DANC, ENGL (except ENGL 3323 Technical Writing) HIST, MUSI, PHIL (except PHIL 1313 Logic and Critical Thinking (A), PHIL 3003 Symbolic Logic (A) and PHIL 4003 Mathematical Logic and Computability), REL, TH, and foreign languages.
- Natural and Mathematical Sciences are defined as any course from the following prefixes: ASTR, BIOC, BIOL, CHEM, CS (except CS 4883 Social Issues in Computing), GEOL, MATH, MICR, PBIO, PHYS, and STAT; or courses from other departments that carry an (A) or (N) general education designation.
- The required six hours of upper-division General Education may not include courses from the student's major department. This requirement may be satisfied by courses also used to satisfy any part of a student's degree program (i.e., in General Education,

College Departmental Requirements, Major Requirements or Electives).

- Non-Western Studies Requirement for B.A. and B.F.A.; One 3-hour course in Non-Western Studies (N.W.). This requirement may be satisfied by courses also used to satisfy any part of a student's degree program (i.e., in General Education, College Departmental Requirements, Major Requirements or Electives).
  - The College of Arts & Sciences requires a minimum 2.0 GPA in all major requirements and a minimum 2.0 GPA in all major-prefix courses applied to the degree.
- ### 3. Foreign Language Proficiency
- The foreign language requirement for the B.A. may be satisfied by 9 hours college credit in the same language, which must include 3 hours at the 2000-level, or equivalent proficiency (e.g., passing an advanced standing examination; TOEFL exam; presenting a high school transcript which demonstrates the high school was primarily conducted in a language other than English; etc.). Computer Science courses may not be used to satisfy this requirement. Currently Arabic and Mvskoke are not offered at the 2000-level at OSU.
  - The foreign language requirement for the B.S., B.M. and B.F.A. may be satisfied by presenting a high school transcript which demonstrates two years of study of a single foreign language (passing grades at second-year level of study). It may also be satisfied by 6 hours college credit in the same language, which must include language courses 1713 and 1813, or equivalent proficiency (e.g., passing an advanced standing examination; TOEFL exam; presenting a high school transcript which demonstrates the high school was primarily conducted in a language other than English; etc.). Computer Science courses may not be used to satisfy this requirement.
  - In addition to a. and b., students pursuing teacher certification must meet novice-high foreign language proficiency by presenting a high school transcript which demonstrates two years of study of a single foreign language with no grade below B. Or, students may complete 3 hours college credit in a single language with no grade below C (or pass an advanced standing examination, College Level Examination Program (CLEP) exam, or Oral Proficiency Interview developed by the American Council on the Teaching of Foreign Languages, equivalent to 3 hours of college credit.) Or, students may meet the requirement by transfer of documentation of meeting the foreign language competency from one of the teacher education programs in the State of Oklahoma approved by the Oklahoma State Regents for Higher Education.
- ### 4. Exclusions
- Courses used to satisfy the General Education English Composition, U.S. History, American Government, and Mathematics or Statistics requirements will not count toward the 54-hour maximum allowed from one department.
  - Courses with ATHL or LEIS prefixes and leisure activity courses may not be used for degree credit.

## Additional State/OSU Requirements

- At least: 60 hours at a four-year institution; 30 hours completed at OSU; 15 of the final 30 or 50% of the upper-division hours in the major field completed at OSU.
- Limit of: one-half of major course requirements as transfer work; one-fourth of hours earned by correspondence; 8 transfer correspondence hours.

- Students will be held responsible for degree requirements in effect at the time of matriculation and any changes that are made, so long as these changes do not result in semester credit hours being added or do not delay graduation.
- Degrees that follow this plan must be completed by the end of Summer 2028.

## Example Plan of Study

### Finish in Four Plan of Study

The plan below is an **example** of how students can successfully complete degree requirements in four years. This suggested class schedule plan may be used as a guide and can be adjusted based on individual needs. Students are required to meet with an academic advisor prior to enrollment each semester to plan their class schedule, and students are ultimately responsible for completing all degree requirements.

Course	Title	Hours
<b>Freshman</b>		
<b>Fall</b>		
ENGL 1113 or MATH 1513	Composition I or College Algebra (A)	3
MATH 1483 or MATH 1513	Mathematical Functions and Their Uses (A) or College Algebra (A)	3
General Education courses		8
<b>Hours</b>		<b>14</b>
<b>Spring</b>		
ENGL 1213	Composition II	3
STAT 2013 or STAT 2053 or STAT 2023	Elementary Statistics (A) or Elementary Statistics for the Social Sciences (A) or Elementary Statistics for Business and Economics (A)	3
General Education courses		10
<b>Hours</b>		<b>16</b>
<b>Sophomore</b>		
<b>Fall</b>		
SPM 2843	Sports and the Media	3
MC 2003	Mass Media Style and Structure	3
MC 2023	Electronic Communication	3
1713	First Semester Foreign Language	3
General Education courses		3
<b>Hours</b>		<b>15</b>
<b>Spring</b>		
MMJ 3153	Fundamentals of Video and Studio Production	3
MMJ 3263	Multimedia Reporting	3
SPM 3813	Sports Reporting Across the Media	3
1813	Second Semester Foreign Language	3
College and Elective courses		3
<b>Hours</b>		<b>15</b>
<b>Junior</b>		
<b>Fall</b>		
SPM 3863	Electronic Sports Reporting (F)	3
SPM 4053 or SPM 4833 or SPM 4853 or MMJ 3313 or MMJ 3913 or MMJ 4313	Sports Announcing (Sports Production select MMJ 3913) or Sports Information Systems or Advanced Sports Writing or Editing in a Multimedia Environment or Field Production or Public Affairs Reporting	3
2000-level Foreign Language		3
Major, College, and Elective courses		6
<b>Hours</b>		<b>15</b>

### Spring

SPM 4053 or SPM 4833 or SPM 4853 or MMJ 3313 or MMJ 3913 or MMJ 4313	Sports Announcing (Sports Production select SPM 4813) or Sports Information Systems or Advanced Sports Writing or Editing in a Multimedia Environment or Field Production or Public Affairs Reporting	3
MC 4143	Ethics and Issues in Mass Communications	3
Major, College, and Elective courses		9
<b>Hours</b>		<b>15</b>

### Senior

<b>Fall</b>		
MMJ 4393	Data Journalism	3
MC 4163	Mass Communication Law	3
Major, College, and Elective courses		9
<b>Hours</b>		<b>15</b>
<b>Spring</b>		
SPM 4883	Sports Media Capstone	3
Major, College, and Elective courses		12
<b>Hours</b>		<b>15</b>
<b>Total Hours</b>		<b>120</b>

## Sports Media, BS

### Degree Requirements

**Requirements for Students Matriculating in or before Academic Year 2022-2023.** Learn more about University Academic Regulation 3.1 (p. 943).

**Minimum Overall Grade Point Average:** 2.00

**Total Hours:** 120

Code	Title	Hours
<b>General Education Requirements</b>		
<i>English Composition</i>		
See Academic Regulation 3.5 (p. 944)		
ENGL 1113	Composition I	3
or ENGL 1313	Critical Analysis and Writing I	
Select one of the following:		3
ENGL 1213	Composition II	
ENGL 1413	Critical Analysis and Writing II	
ENGL 3323	Technical Writing	
<i>American History &amp; Government</i>		
HIST 1103	Survey of American History	3
or HIST 1483	American History to 1865 (H)	
or HIST 1493	American History Since 1865 (DH)	
POLS 1113	American Government	3
<i>Analytical &amp; Quantitative Thought (A)</i>		
STAT 2013	Elementary Statistics (A)	3
or STAT 2053	Elementary Statistics for the Social Sciences (A)	
<i>Humanities (H)</i>		
Courses designated (H)		6
<i>Natural Sciences (N)</i>		
Must include one Laboratory Science (L) course		
Courses designated (N)		6
<i>Social &amp; Behavioral Sciences (S)</i>		
ECON 1113	The Economics of Social Issues (S)	3
or ECON 2103	Introduction to Microeconomics (S)	
MC 1143	Media in a Diverse Society (DS)	3
SPCH 2713	Introduction to Speech Communication (S)	3
<i>Additional General Education</i>		
Courses designated (A), (H), (N), or (S)		4
<b>Hours Subtotal</b>		<b>40</b>
<b>Diversity (D) &amp; International Dimension (I)</b>		
May be completed in any part of the degree plan		
Select at least one Diversity (D) course		
Select at least one International Dimension (I) course		
<b>College/Departmental Requirements</b>		
<i>First Year Seminar</i>		
(Transfer students with 15 hours exempt)		1
<i>Arts &amp; Humanities</i>		
See note 2.a.		3
<i>Natural &amp; Mathematical Sciences</i>		
See note 2.b.		9
<i>Foreign Language</i>		

See note 3

0-6 hours

*Upper-Division General Education*

Select 6 hours outside major department

See note 2.c.

**Hours Subtotal** **13**

**Major Requirements**

Minimum 2.50 GPA. Minimum grade of "C" in all MC-MMJ-SC-SPM prefix courses.

*Lower-division Professional Sequence*

2.75 GPA and declared major required

MC 2003 Mass Media Style and Structure 3

MC 2023 Electronic Communication 3

SPM 2843 Sports and the Media 3

*Upper-division Professional Sequence*

Proficiency Review required

MC 4143 Ethics and Issues in Mass Communications 3

MC 4163 Mass Communication Law 3

SPM 3813 Sports Reporting Across the Media 3

MMJ 3153 Fundamentals of Video and Studio Production 3

MMJ 3263 Multimedia Reporting 3

MMJ 4393 Data Journalism 3

SPM 3863 Electronic Sports Reporting 3

SPM 4883 Sports Media Capstone 3

Select 6 hours additional of MC-MMJ-SC-SPM 6

Select 9 hours of upper-division Traditional Liberal Arts (A&S, AERO, AMIS, AMST, ANTH, ART, ASL, ASTR, BIOL, CDIS, CHEM, CHIN, CS, DANC, DIVR, ENGL, FLL, FREN, GEOG, GEOL, GREK, GRMN, GWST, HIST, JAPN, LATN, MATH, MICR, MUSI, PHIL, PHYS, POLS, PSYC, REL, RUSS, SOC, SPAN, SPCH, STAT, TH) or Business or Gen Ed 9

or Gen Ed

*Emphasis*

Complete one Area of Emphasis (p. 1470) 6

**Hours Subtotal** **54**

**Electives**

Select 13 hours 13

May need to include 6 hours of a foreign language (see note 3)

May need to include 6 hours upper-division general education outside major department (see note 2.c.) and 1 additional upper-division hour

May not be able to use additional courses in MC-MMJ-SC-SPM

MATH 1483 or MATH 1513 required for students not placing directly into STAT

**Hours Subtotal** **13**

**Total Hours** **120**

A 2.75 graduation retention GPA and at least 24 hours completed required to initially declare major. Passing the proficiency review is required for upper-division major requirements. This includes a 2.75 graduation retention GPA, and at least 12 OSU hours earned, and a 2.75 OSU GPA, and a passing score on the Language Proficiency Exam.

A minimum of 72 hours must be taken outside of MC-MMJ-SC-SPM. No more than 12 hours in MC-MMJ-SC-SPM can be transferred from other institutions

Students are required to develop and maintain a portfolio exhibiting specific and appropriate work including required class assignments.

## Areas of Emphasis

### Sports News Emphasis

Code	Title	Hours
Select two of the following:		6
MMJ 3313	Editing in a Multimedia Environment	
MMJ 3913	Field Production	
MMJ 4313	Public Affairs Reporting	
SPM 4053	Sports Announcing	
SPM 4833	Sports Information Systems	
SPM 4853	Advanced Sports Writing	

### Sports Production Emphasis

Code	Title	Hours
MMJ 3913	Field Production	3
SPM 4813	Sports Media Production	3

## Other Requirements

- See the College of Arts and Sciences Requirements.
- Minimum 2.50 GPA in all MC-MMJ-SC-SPM prefix courses.
- **Upper-Division Credit:** Total hours must include at least 40 hours in courses numbered 3000 or above.
- **Hours in One Department:** The School of Media and Strategic Communications requires that no more than 48 hours in MC-MMJ-SC-SPM may be applied to degree requirements.

## College of Arts and Sciences Requirements

### 1. General Education Requirements

No more than two courses (or eight hours) from the major department (<http://catalog.okstate.edu/college-arts-sciences-major-departments/>) may be used to meet General Education and College and Departmental Requirements. The General Education required English Composition, required U.S. History, required American Government, one required MATH or STAT course, and required foreign language for B.A. degrees do not count against the two-course maximum.

### 2. A&S College/Departmental Requirements

- Arts and Humanities are defined as any course carrying an (H) designation or courses from AMST, ART, DANC, ENGL (except ENGL 3323 Technical Writing) HIST, MUSI, PHIL (except PHIL 1313 Logic and Critical Thinking (A), PHIL 3003 Symbolic Logic (A) and PHIL 4003 Mathematical Logic and Computability), REL, TH, and foreign languages.
- Natural and Mathematical Sciences are defined as any course from the following prefixes: ASTR, BIOC, BIOL, CHEM, CS (except CS 4883 Social Issues in Computing), GEOL, MATH, MICR, PBIO, PHYS, and STAT; or courses from other departments that carry an (A) or (N) general education designation.

- The required six hours of upper-division General Education may not include courses from the student's major department. This requirement may be satisfied by courses also used to satisfy any part of a student's degree program (i.e., in General Education, College Departmental Requirements, Major Requirements or Electives).
- Non-Western Studies Requirement for B.A. and B.F.A.; One 3-hour course in Non-Western Studies (N.W.). This requirement may be satisfied by courses also used to satisfy any part of a student's degree program (i.e., in General Education, College Departmental Requirements, Major Requirements or Electives).
- The College of Arts & Sciences requires a minimum 2.0 GPA in all major requirements and a minimum 2.0 GPA in all major-prefix courses applied to the degree.

### 3. Foreign Language Proficiency

- The foreign language requirement for the B.A. may be satisfied by 9 hours college credit in the same language, which must include 3 hours at the 2000-level, or equivalent proficiency (e.g., passing an advanced standing examination; TOEFL exam; presenting a high school transcript which demonstrates the high school was primarily conducted in a language other than English; etc.). Computer Science courses may not be used to satisfy this requirement. Currently Arabic and Mvskoke are not offered at the 2000-level at OSU.
- The foreign language requirement for the B.S., B.M. and B.F.A. may be satisfied by presenting a high school transcript which demonstrates two years of study of a single foreign language (passing grades at second-year level of study). It may also be satisfied by 6 hours college credit in the same language, which must include language courses 1713 and 1813, or equivalent proficiency (e.g., passing an advanced standing examination; TOEFL exam; presenting a high school transcript which demonstrates the high school was primarily conducted in a language other than English; etc.). Computer Science courses may not be used to satisfy this requirement.
- In addition to a. and b., students pursuing teacher certification must meet novice-high foreign language proficiency by presenting a high school transcript which demonstrates two years of study of a single foreign language with no grade below B. Or, students may complete 3 hours college credit in a single language with no grade below C (or pass an advanced standing examination, College Level Examination Program (CLEP) exam, or Oral Proficiency Interview developed by the American Council on the Teaching of Foreign Languages, equivalent to 3 hours of college credit.) Or, students may meet the requirement by transfer of documentation of meeting the foreign language competency from one of the teacher education programs in the State of Oklahoma approved by the Oklahoma State Regents for Higher Education.

### 4. Exclusions

- Courses used to satisfy the General Education English Composition, U.S. History, American Government, and Mathematics or Statistics requirements will not count toward the 54-hour maximum allowed from one department.
- Courses with ATHL or LEIS prefixes and leisure activity courses may not be used for degree credit.



## Additional State/OSU Requirements

- At least: 60 hours at a four-year institution; 30 hours completed at OSU; 15 of the final 30 or 50% of the upper-division hours in the major field completed at OSU.
- Limit of: one-half of major course requirements as transfer work; one-fourth of hours earned by correspondence; 8 transfer correspondence hours.
- Students will be held responsible for degree requirements in effect at the time of matriculation and any changes that are made, so long as these changes do not result in semester credit hours being added or do not delay graduation.
- Degrees that follow this plan must be completed by the end of Summer 2028.

## Example Plan of Study

### Finish in Four Plan of Study

The plan below is an **example** of how students can successfully complete degree requirements in four years. This suggested class schedule plan may be used as a guide and can be adjusted based on individual needs. Students are required to meet with an academic advisor prior to enrollment each semester to plan their class schedule, and students are ultimately responsible for completing all degree requirements.

Course	Title	Hours
<b>Freshman</b>		
<b>Fall</b>		
ENGL 1113 or MATH 1513	Composition I or College Algebra (A)	3
MATH 1483 or MATH 1513	Mathematical Functions and Their Uses (A) or College Algebra (A)	3
General Education courses		8
<b>Hours</b>		<b>14</b>
<b>Spring</b>		
ENGL 1213	Composition II	3
STAT 2013 or STAT 2053 or STAT 2023	Elementary Statistics (A) or Elementary Statistics for the Social Sciences (A) or Elementary Statistics for Business and Economics (A)	3
General Education courses		10
<b>Hours</b>		<b>16</b>
<b>Sophomore</b>		
<b>Fall</b>		
SPM 2843	Sports and the Media	3
MC 2003	Mass Media Style and Structure	3
MC 2023	Electronic Communication	3
General Education courses		6
<b>Hours</b>		<b>15</b>
<b>Spring</b>		
MMJ 3153	Fundamentals of Video and Studio Production	3
MMJ 3263	Multimedia Reporting	3
SPM 3813	Sports Reporting Across the Media	3
College and Elective courses		6
<b>Hours</b>		<b>15</b>
<b>Junior</b>		
<b>Fall</b>		
SPM 3863	Electronic Sports Reporting (F)	3

SPM 4053 or SPM 4833 or SPM 4853 or MMJ 3313 or MMJ 3913 or MMJ 4313	Sports Announcing (Sports Production select MMJ 3913) or Sports Information Systems or Advanced Sports Writing or Editing in a Multimedia Environment or Field Production or Public Affairs Reporting	3
Major, College, and Elective courses		9
<b>Hours</b>		<b>15</b>
<b>Spring</b>		
SPM 4053 or SPM 4833 or SPM 4853 or MMJ 3313 or MMJ 3913 or MMJ 4313	Sports Announcing (Sports Production select SPM 4813) or Sports Information Systems or Advanced Sports Writing or Editing in a Multimedia Environment or Field Production or Public Affairs Reporting	3
MC 4143	Ethics and Issues in Mass Communications	3
Major, College, and Elective courses		9
<b>Hours</b>		<b>15</b>
<b>Senior</b>		
<b>Fall</b>		
MMJ 4393	Data Journalism	3
MC 4163	Mass Communication Law	3
Major, College, and Elective courses		9
<b>Hours</b>		<b>15</b>
<b>Spring</b>		
SPM 4883	Sports Media Capstone	3
Major, College, and Elective courses		12
<b>Hours</b>		<b>15</b>
<b>Total Hours</b>		<b>120</b>

1

Speak with academic advisor about saving General Education electives and Humanities (H) for Upper-division courses with International (I) and Diversity (D) dimensions.

# Strategic Communication: Advertising and Public Relations, BA

## Degree Requirements

**Requirements for Students Matriculating in or before Academic Year 2022-2023.** Learn more about University Academic Regulation 3.1 (p. 943).

**Minimum Overall Grade Point Average: 2.00**

**Total Hours: 120**

Code	Title	Hours
<b>General Education Requirements</b>		
<i>English Composition</i>		
See Academic Regulation 3.5 (p. 944)		
ENGL 1113 or ENGL 1313	Composition I Critical Analysis and Writing I	3
ENGL 1213 or ENGL 1413 or ENGL 3323	Composition II Critical Analysis and Writing II Technical Writing	3
<i>American History &amp; Government</i>		
HIST 1103 or HIST 1483 or HIST 1493	Survey of American History American History to 1865 (H) American History Since 1865 (DH)	3
POLS 1113	American Government	3
<i>Analytical &amp; Quantitative Thought (A)</i>		
STAT 2013 or STAT 2023 or STAT 2053	Elementary Statistics (A) Elementary Statistics for Business and Economics (A) Elementary Statistics for the Social Sciences (A)	3
<i>Humanities (H)</i>		
Courses designated (H)		6
<i>Natural Sciences (N)</i>		
Must include one Laboratory Science (L) course		
Courses designated (N)		6
<i>Social &amp; Behavioral Sciences (S)</i>		
ECON 1113 or ECON 2103	The Economics of Social Issues (S) Introduction to Microeconomics (S)	3
MC 1143	Media in a Diverse Society (DS)	3
SPCH 2713	Introduction to Speech Communication (S)	3
<i>Additional General Education</i>		
Courses designated (A), (H), (N), or (S)		4
<b>Hours Subtotal</b>		<b>40</b>
<b>Diversity (D) &amp; International Dimension (I)</b>		
May be completed in any part of the degree plan		
Select at least one Diversity (D) course		
Select at least one International Dimension (I) course		
<b>College/Departmental Requirements</b>		
<i>First Year Seminar</i>		1
(Transfer students with 15 hours exempt)		
<i>Arts &amp; Humanities</i>		9
See note 2.a.		
<i>Natural &amp; Mathematical Sciences</i>		3

See note 2.b.

<i>Foreign Language</i>	9
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See note 3.a.

<i>Upper-Division General Education</i>	
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Select 6 hours outside major department. See note 2.c.

<b>Hours Subtotal</b>	<b>22</b>
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**Major Requirements**

Minimum 2.50 GPA. Minimum grade of "C" in all MC-MMJ-SC-SPM prefix courses.

*Lower-division Professional Sequence*

2.75 GPA and declared major required to take courses below:

MC 2003	Mass Media Style and Structure	3
MC 2023	Electronic Communication	3
SC 2183	Introduction to Strategic Communications	3

*Upper-division Professional Sequence*

Proficiency Review required to take courses below:

MC 4143	Ethics and Issues in Mass Communications	3
MC 4163	Mass Communication Law	3
SC 3353	Persuasive Writing for Strategic Communicators	3
SC 3753	Graphic Design for Strategic Communication	3
SC 4013	Advertising Media and Markets	3

Select 6 hours of MC, MMJ, SC or SPM

*Advertising & Public Relations*

SC 3383	Strategic Communications Management and Strategies	3
SC 3953	Research Methods for Strategic Communicators	3
SC 3603 or SC 4493	Copywriting and Creative Strategy Advanced Public Relations Writing	3
SC 4843 or SC 4980	Strategic Communication Campaigns Advertising Competitions	3

Select 3 upper-division hours of MC, MMJ, SC or SPM

*Additional Requirements*

Select 6 hours of upper-division MKTG		6
Select 3 hours of upper-division Traditional Liberal Arts (A&S, AERO, AMIS, AMST, ANTH, ART, ASL, ASTR, BIOL, CDIS, CHEM, CHIN, CS, DANC, DIVR, ENGL FLL, FREN, GEOG, GEOL, GREK, GRMN, GWST, HIST, JAPN, LATN, MATH, MICR, MUSI, PHIL, PHYS, POLS, PSYC, REL, RUSS, SOC, SPAN, SPCH, STAT, TH) or Business or General Education.		3

<b>Hours Subtotal</b>	<b>54</b>
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**Electives**

Select 4 hours.	4
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May need to include 6 hours upper-division general education outside major department. See note 2.c.

May not be able to use additional courses in MC-MMJ-SC-SPM.

MATH 1483 or MATH 1513 required for students who do not place directly into STAT.

<b>Hours Subtotal</b>	<b>4</b>
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<b>Total Hours</b>	<b>120</b>
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A 2.75 graduation retention GPA and at least 24 hours completed required to initially declare major. Passing the proficiency review is required for upper-division major requirements. This includes a 2.75 graduation retention GPA, and at least 12 OSU hours earned, and a 2.75 OSU GPA, and a passing score on the Language Proficiency Exam.

A minimum of 72 hours must be taken outside of MC-MMJ-SC-SPM. No more than 12 hours in MC-MMJ-SC-SPM can be transferred from other institutions.

Students are required to develop and maintain a portfolio exhibiting specific and appropriate work including required class assignments

## Other Requirements

- See the College of Arts and Sciences Requirements.
- Minimum 2.50 GPA in all MC-MMJ-SC-SPM prefix courses.
- **Upper-Division Credit:** Total hours must include at least 40 hours in courses numbered 3000 or above.
- **Hours in One Department:** The School of Media and Strategic Communications requires that no more than 48 hours in MC-MMJ-SC-SPM may be applied to degree requirements.

## College of Arts and Sciences Requirements

### 1. General Education Requirements

No more than two courses (or eight hours) from the major department (<http://catalog.okstate.edu/college-arts-sciences-major-departments/>) may be used to meet General Education and College and Departmental Requirements. The General Education required English Composition, required U.S. History, required American Government, one required MATH or STAT course, and required foreign language for B.A. degrees do not count against the two-course maximum.

### 2. A&S College/Departmental Requirements

- a. Arts and Humanities are defined as any course carrying an (H) designation or courses from AMST, ART, DANC, ENGL (except ENGL 3323 Technical Writing) HIST, MUSI, PHIL (except PHIL 1313 Logic and Critical Thinking (A), PHIL 3003 Symbolic Logic (A) and PHIL 4003 Mathematical Logic and Computability), REL, TH, and foreign languages.
- b. Natural and Mathematical Sciences are defined as any course from the following prefixes: ASTR, BIOC, BIOL, CHEM, CS (except CS 4883 Social Issues in Computing), GEOL, MATH, MICR, PBIO, PHYS, and STAT; or courses from other departments that carry an (A) or (N) general education designation.
- c. The required six hours of upper-division General Education may not include courses from the student's major department. This requirement may be satisfied by courses also used to satisfy any part of a student's degree program (i.e., in General Education, College Departmental Requirements, Major Requirements or Electives).
- d. Non-Western Studies Requirement for B.A. and B.F.A.; One 3-hour course in Non-Western Studies (N.W.). This requirement may be satisfied by courses also used to satisfy any part of a student's degree program (i.e., in General Education, College Departmental Requirements, Major Requirements or Electives).
- e. The College of Arts & Sciences requires a minimum 2.0 GPA in all major requirements and a minimum 2.0 GPA in all major-prefix courses applied to the degree.

### 3. Foreign Language Proficiency

- a. The foreign language requirement for the B.A. may be satisfied by 9 hours college credit in the same language, which must include 3 hours at the 2000-level, or equivalent proficiency (e.g., passing an advanced standing examination; TOEFL exam; presenting a high school transcript which demonstrates the high school was primarily conducted in a language other than English; etc.). Computer Science courses may not be used to satisfy this requirement. Currently Arabic and Mvskoke are not offered at the 2000-level at OSU.
- b. The foreign language requirement for the B.S., B.M. and B.F.A. may be satisfied by presenting a high school transcript which demonstrates two years of study of a single foreign language (passing grades at second-year level of study). It may also be satisfied by 6 hours college credit in the same language, which must include language courses 1713 and 1813, or equivalent proficiency (e.g., passing an advanced standing examination; TOEFL exam; presenting a high school transcript which demonstrates the high school was primarily conducted in a language other than English; etc.). Computer Science courses may not be used to satisfy this requirement.
- c. In addition to a. and b., students pursuing teacher certification must meet novice-high foreign language proficiency by presenting a high school transcript which demonstrates two years of study of a single foreign language with no grade below B. Or, students may complete 3 hours college credit in a single language with no grade below C (or pass an advanced standing examination, College Level Examination Program (CLEP) exam, or Oral Proficiency Interview developed by the American Council on the Teaching of Foreign Languages, equivalent to 3 hours of college credit.) Or, students may meet the requirement by transfer of documentation of meeting the foreign language competency from one of the teacher education programs in the State of Oklahoma approved by the Oklahoma State Regents for Higher Education.

### 4. Exclusions

- a. Courses used to satisfy the General Education English Composition, U.S. History, American Government, and Mathematics or Statistics requirements will not count toward the 54-hour maximum allowed from one department.
- b. Courses with ATHL or LEIS prefixes and leisure activity courses may not be used for degree credit.

## Additional State/OSU Requirements

- At least: 60 hours at a four-year institution; 30 hours completed at OSU; 15 of the final 30 or 50% of the upper-division hours in the major field completed at OSU.
- Limit of: one-half of major course requirements as transfer work; one-fourth of hours earned by correspondence; 8 transfer correspondence hours.
- Students will be held responsible for degree requirements in effect at the time of matriculation and any changes that are made, so long as these changes do not result in semester credit hours being added or do not delay graduation.
- Degrees that follow this plan must be completed by the end of Summer 2028.

## Example Plan of Study

### Finish in Four Plan of Study

The plan below is an example of how students can successfully complete degree requirements in four years. This suggested class schedule plan may be used as a guide and can be adjusted based on individual needs. Students are required to meet with an academic advisor prior to enrollment each semester to plan their class schedule, and students are ultimately responsible for completing all degree requirements.

Major, College, and Elective courses	12
<b>Hours</b>	<b>15</b>
<b>Total Hours</b>	<b>120</b>

Course	Title	Hours
<b>Freshman</b>		
<b>Fall</b>		
ENGL 1113	Composition I	3
MATH 1483 or MATH 1513	Mathematical Functions and Their Uses (A) or College Algebra (A)	3
General Education courses		8
<b>Hours</b>		<b>14</b>
<b>Spring</b>		
ENGL 1213	Composition II	3
STAT 2013 or STAT 2053 or STAT 2023	Elementary Statistics (A) or Elementary Statistics for the Social Sciences (A) or Elementary Statistics for Business and Economics (A)	3
General Education courses		10
<b>Hours</b>		<b>16</b>
<b>Sophomore</b>		
<b>Fall</b>		
SC 2183	Introduction to Strategic Communications	3
MC 2003	Mass Media Style and Structure	3
1713 First Semester Foreign Language		3
General Education courses		6
<b>Hours</b>		<b>15</b>
<b>Spring</b>		
MC 2023	Electronic Communication	3
1813 Second Semester Foreign Language		3
College and Elective courses		9
<b>Hours</b>		<b>15</b>
<b>Junior</b>		
<b>Fall</b>		
SC 3353	Persuasive Writing for Strategic Communicators	3
SC 3753	Graphic Design for Strategic Communication	3
MKTG 3213	Marketing (S)	3
2000-level Foreign Language		3
Major, College, and Elective courses		3
<b>Hours</b>		<b>15</b>
<b>Spring</b>		
SC 3383	Strategic Communications Management and Strategies	3
SC 4013	Advertising Media and Markets	3
MC 4143	Ethics and Issues in Mass Communications	3
3 hrs Upper-Division MKTG course		3
Major, College, and Elective courses		3
<b>Hours</b>		<b>15</b>
<b>Senior</b>		
<b>Fall</b>		
SC 3953	Research Methods for Strategic Communicators	3
SC 3603 or SC 4493	Copywriting and Creative Strategy or Advanced Public Relations Writing	3
MC 4163	Mass Communication Law	3
Major, College, and Elective courses		6
<b>Hours</b>		<b>15</b>
<b>Spring</b>		
SC 4843 or SC 4980	Strategic Communication Campaigns or Advertising Competitions	3

# Strategic Communication: Advertising and Public Relations, BS

## Degree Requirements

**Requirements for Students Matriculating in or before Academic Year 2022-2023.** Learn more about University Academic Regulation 3.1 (p. 943).

**Minimum Overall Grade Point Average: 2.00**

**Total Hours: 120**

Code	Title	Hours
<b>General Education Requirements</b>		
<i>English Composition</i>		
See Academic Regulation 3.5 (p. 944)		
ENGL 1113 or ENGL 1313	Composition I Critical Analysis and Writing I	3
ENGL 1213 or ENGL 1413 or ENGL 3323	Composition II Critical Analysis and Writing II Technical Writing	3
<i>American History &amp; Government</i>		
HIST 1103 or HIST 1483 or HIST 1493	Survey of American History American History to 1865 (H) American History Since 1865 (DH)	3
POLS 1113	American Government	3
<i>Analytical &amp; Quantitative Thought (A)</i>		
STAT 2013 or STAT 2023 or STAT 2053	Elementary Statistics (A) Elementary Statistics for Business and Economics (A) Elementary Statistics for the Social Sciences (A)	3
<i>Humanities (H)</i>		
Courses designated (H)		6
<i>Natural Sciences (N)</i>		
Must include one Laboratory Science (L) course		
Courses designated (N)		6
<i>Social &amp; Behavioral Sciences (S)</i>		
ECON 1113 or ECON 2103	The Economics of Social Issues (S) Introduction to Microeconomics (S)	3
MC 1143	Media in a Diverse Society (DS)	3
SPCH 2713	Introduction to Speech Communication (S)	3
<i>Additional General Education</i>		
Courses designated (A), (H), (N), or (S)		4
<b>Hours Subtotal</b>		<b>40</b>
<b>Diversity (D) &amp; International Dimension (I)</b>		
May be completed in any part of the degree plan		
Select at least one Diversity (D) course		
Select at least one International Dimension (I) course		
<b>College/Departmental Requirements</b>		
<i>First Year Seminar</i>		1
(Transfer students with 15 hours exempt)		
<i>Arts &amp; Humanities</i>		3
See note 2.a.		
<i>Natural &amp; Mathematical Sciences</i>		9

See note 2.b.

### *Foreign Language*

0-6 hours. See note 3.

### *Upper-Division General Education*

Select 6 hours outside major department. See note 2.c.

<b>Hours Subtotal</b>	<b>13</b>
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### **Major Requirements**

Minimum 2.50 GPA. Minimum grade of "C" in all MC-MMJ-SC-SPM prefix courses.

### *Lower-division Professional Sequence*

2.75 GPA and declared major required to take courses below:

MC 2003	Mass Media Style and Structure	3
MC 2023	Electronic Communication	3
SC 2183	Introduction to Strategic Communications	3

### *Upper-division Professional Sequence*

Proficiency Review required to take courses below:

MC 4143	Ethics and Issues in Mass Communications	3
MC 4163	Mass Communication Law	3
SC 3353	Persuasive Writing for Strategic Communicators	3
SC 3753	Graphic Design for Strategic Communication	3
SC 4013	Advertising Media and Markets	3

Select 6 hours of MC, MMJ, SC or SPM

### *Advertising & Public Relations*

SC 3383	Strategic Communications Management and Strategies	3
SC 3953	Research Methods for Strategic Communicators	3
SC 3603 or SC 4493	Copywriting and Creative Strategy Advanced Public Relations Writing	3
SC 4843 or SC 4980	Strategic Communication Campaigns Advertising Competitions	3

Select 3 upper-division hours of MC, MMJ, SC or SPM

### *Additional Requirements*

Select 6 hours of upper-division MKTG		6
Select 3 hours of upper-division Traditional Liberal Arts (A&S, AERO, AMIS, AMST, ANTH, ART, ASL, ASTR, BIOL, CDIS, CHEM, CHIN, CS, DANC, DIVR, ENGL, FLL, FREN, GEOG, GEOL, GREK, GRMN, GWST, HIST, JAPN, LATN, MATH, MICR, MUSI, PHIL, PHYS, POLS, PSYC, REL, RUSS, SOC, SPAN, SPCH, STAT, TH) or Business or General Education		3

<b>Hours Subtotal</b>	<b>54</b>
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### **Electives**

May need to include 6 hours of a foreign language. See note 3.

Select 13 hours.	13
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May need to include 6 hours upper-division general education outside major department. See note 2.c.

May not be able to use additional courses in MC-MMJ-SC-SPM.

MATH 1483 or MATH 1513 required for students who do not place directly into STAT.



<b>Hours Subtotal</b>	<b>13</b>
<b>Total Hours</b>	<b>120</b>

A 2.75 graduation retention GPA and at least 24 hours completed required to initially declare major. Passing the proficiency review is required for upper-division major requirements. This includes a 2.75 graduation retention GPA, and at least 12 OSU hours earned, and a 2.75 OSU GPA, and a passing score on the Language Proficiency Exam.

A minimum of 72 hours must be taken outside of MC-MMJ-SC-SPM. No more than 12 hours in MC-MMJ-SC-SPM can be transferred from other institutions.

Students are required to develop and maintain a portfolio exhibiting specific and appropriate work including required class assignments.

## Other Requirements

- See the College of Arts and Sciences Requirements.
- Minimum 2.50 GPA in all MC-MMJ-SC-SPM prefix courses.
- **Upper-Division Credit:** Total hours must include at least 40 hours in courses numbered 3000 or above.
- **Hours in One Department:** The School of Media and Strategic Communications requires that no more than 48 hours in MC-MMJ-SC-SPM may be applied to degree requirements.

## College of Arts and Sciences Requirements

### 1. General Education Requirements

No more than two courses (or eight hours) from the major department (<http://catalog.okstate.edu/college-arts-sciences-major-departments/>) may be used to meet General Education and College and Departmental Requirements. The General Education required English Composition, required U.S. History, required American Government, one required MATH or STAT course, and required foreign language for B.A. degrees do not count against the two-course maximum.

### 2. A&S College/Departmental Requirements

- Arts and Humanities are defined as any course carrying an (H) designation or courses from AMST, ART, DANC, ENGL (except ENGL 3323 Technical Writing) HIST, MUSI, PHIL (except PHIL 1313 Logic and Critical Thinking (A), PHIL 3003 Symbolic Logic (A) and PHIL 4003 Mathematical Logic and Computability), REL, TH, and foreign languages.
- Natural and Mathematical Sciences are defined as any course from the following prefixes: ASTR, BIOC, BIOL, CHEM, CS (except CS 4883 Social Issues in Computing), GEOL, MATH, MICR, PBIO, PHYS, and STAT; or courses from other departments that carry an (A) or (N) general education designation.
- The required six hours of upper-division General Education may not include courses from the student's major department. This requirement may be satisfied by courses also used to satisfy any part of a student's degree program (i.e., in General Education, College Departmental Requirements, Major Requirements or Electives).
- Non-Western Studies Requirement for B.A. and B.F.A.; One 3-hour course in Non-Western Studies (N.W.). This requirement may be satisfied by courses also used to satisfy any part of a student's degree program (i.e., in General Education, College Departmental Requirements, Major Requirements or Electives).

e. The College of Arts & Sciences requires a minimum 2.0 GPA in all major requirements and a minimum 2.0 GPA in all major-prefix courses applied to the degree.

### 3. Foreign Language Proficiency

- The foreign language requirement for the B.A. may be satisfied by 9 hours college credit in the same language, which must include 3 hours at the 2000-level, or equivalent proficiency (e.g., passing an advanced standing examination; TOEFL exam; presenting a high school transcript which demonstrates the high school was primarily conducted in a language other than English; etc.). Computer Science courses may not be used to satisfy this requirement. Currently Arabic and Mvskoke are not offered at the 2000-level at OSU.
- The foreign language requirement for the B.S., B.M. and B.F.A. may be satisfied by presenting a high school transcript which demonstrates two years of study of a single foreign language (passing grades at second-year level of study). It may also be satisfied by 6 hours college credit in the same language, which must include language courses 1713 and 1813, or equivalent proficiency (e.g., passing an advanced standing examination; TOEFL exam; presenting a high school transcript which demonstrates the high school was primarily conducted in a language other than English; etc.). Computer Science courses may not be used to satisfy this requirement.
- In addition to a. and b., students pursuing teacher certification must meet novice-high foreign language proficiency by presenting a high school transcript which demonstrates two years of study of a single foreign language with no grade below B. Or, students may complete 3 hours college credit in a single language with no grade below C (or pass an advanced standing examination, College Level Examination Program (CLEP) exam, or Oral Proficiency Interview developed by the American Council on the Teaching of Foreign Languages, equivalent to 3 hours of college credit.) Or, students may meet the requirement by transfer of documentation of meeting the foreign language competency from one of the teacher education programs in the State of Oklahoma approved by the Oklahoma State Regents for Higher Education.

### 4. Exclusions

- Courses used to satisfy the General Education English Composition, U.S. History, American Government, and Mathematics or Statistics requirements will not count toward the 54-hour maximum allowed from one department.
- Courses with ATHL or LEIS prefixes and leisure activity courses may not be used for degree credit.

## Additional State/OSU Requirements

- At least: 60 hours at a four-year institution; 30 hours completed at OSU; 15 of the final 30 or 50% of the upper-division hours in the major field completed at OSU.
- Limit of: one-half of major course requirements as transfer work; one-fourth of hours earned by correspondence; 8 transfer correspondence hours.
- Students will be held responsible for degree requirements in effect at the time of matriculation and any changes that are made, so long as these changes do not result in semester credit hours being added or do not delay graduation.
- Degrees that follow this plan must be completed by the end of Summer 2028.



# Example Plan of Study

## Finish in Four Plan of Study

The plan below is an example of how students can successfully complete degree requirements in four years. This suggested class schedule plan may be used as a guide and can be adjusted based on individual needs. Students are required to meet with an academic advisor prior to enrollment each semester to plan their class schedule, and students are ultimately responsible for completing all degree requirements.

Course	Title	Hours
<b>Freshman</b>		
<b>Fall</b>		
ENGL 1113	Composition I	3
MATH 1483 or MATH 1513	Mathematical Functions and Their Uses (A) or College Algebra (A)	3
General Education courses		8
<b>Hours</b>		<b>14</b>
<b>Spring</b>		
ENGL 1213	Composition II	3
STAT 2013 or STAT 2053 or STAT 2023	Elementary Statistics (A) or Elementary Statistics for the Social Sciences (A) or Elementary Statistics for Business and Economics (A)	3
General Education courses		10
<b>Hours</b>		<b>16</b>
<b>Sophomore</b>		
<b>Fall</b>		
SC 2183	Introduction to Strategic Communications	3
MC 2003	Mass Media Style and Structure	3
General Education courses		9
<b>Hours</b>		<b>15</b>
<b>Spring</b>		
MC 2023	Electronic Communication	3
College and Elective courses		12
<b>Hours</b>		<b>15</b>
<b>Junior</b>		
<b>Fall</b>		
SC 3353	Persuasive Writing for Strategic Communicators	3
SC 3753	Graphic Design for Strategic Communication	3
MKTG 3213	Marketing (S)	3
Major, College, and Elective courses		6
<b>Hours</b>		<b>15</b>
<b>Spring</b>		
SC 3383	Strategic Communications Management and Strategies	3
SC 4013	Advertising Media and Markets	3
MC 4143	Ethics and Issues in Mass Communications	3
3 hrs Upper-Division MKTG course		3
Major, College, and Elective courses		3
<b>Hours</b>		<b>15</b>
<b>Senior</b>		
<b>Fall</b>		
SC 3953	Research Methods for Strategic Communicators	3
SC 3603 or SC 4493	Copywriting and Creative Strategy or Advanced Public Relations Writing	3
MC 4163	Mass Communication Law	3
Major, College, and Elective courses		6
<b>Hours</b>		<b>15</b>
<b>Spring</b>		
SC 4843 or SC 4980	Strategic Communication Campaigns or Advertising Competitions	3

Major, College, and Elective courses	12
<b>Hours</b>	<b>15</b>
<b>Total Hours</b>	<b>120</b>

# Strategic Communication: Entertainment Media, BA

## Degree Requirements

**Requirements for Students Matriculating in or before Academic Year 2022-2023.** Learn more about University Academic Regulation 3.1 (p. 943).

**Minimum Overall Grade Point Average: 2.00**

**Total Hours: 120**

Code	Title	Hours
<b>General Education Requirements</b>		
<i>English Composition</i>		
See Academic Regulation 3.5 (p. 944)		
ENGL 1113 or ENGL 1313	Composition I Critical Analysis and Writing I	3
ENGL 1213 or ENGL 1413 or ENGL 3323	Composition II Critical Analysis and Writing II Technical Writing	3
<i>American History &amp; Government</i>		
HIST 1103 or HIST 1483 or HIST 1493	Survey of American History American History to 1865 (H) American History Since 1865 (DH)	3
POLS 1113	American Government	3
<i>Analytical &amp; Quantitative Thought (A)</i>		
STAT 2013 or STAT 2023 or STAT 2053	Elementary Statistics (A) Elementary Statistics for Business and Economics (A) Elementary Statistics for the Social Sciences (A)	3
<i>Humanities (H)</i>		
Courses designated (H)		6
<i>Natural Sciences (N)</i>		
Must include one Laboratory Science (L) course		
Courses designated (N)		6
<i>Social &amp; Behavioral Sciences (S)</i>		
ECON 1113 or ECON 2103	The Economics of Social Issues (S) Introduction to Microeconomics (S)	3
MC 1143	Media in a Diverse Society (DS)	3
SPCH 2713	Introduction to Speech Communication (S)	3
<i>Additional General Education</i>		
Courses designated (A), (H), (N), or (S)		4
<b>Hours Subtotal</b>		<b>40</b>
<b>Diversity (D) &amp; International Dimension (I)</b>		
May be completed in any part of the degree plan		
Select at least one Diversity (D) course		
Select at least one International Dimension (I) course		
<b>College/Departmental Requirements</b>		
<i>First Year Seminar</i>		1
(Transfer students with 15 hours exempt)		
<i>Arts &amp; Humanities</i>		9
See note 2.a.		
<i>Natural &amp; Mathematical Sciences</i>		3

See note 2.b.

<i>Foreign Language</i>	9
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See note 3.

<i>Upper-Division General Education</i>	
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Select 6 hours outside major department. See note 2.c.

<b>Hours Subtotal</b>	<b>22</b>
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**Major Requirements**

Minimum 2.50 GPA. Minimum grade of "C" in all MC-MMJ-SC-SPM prefix courses.

*Lower-division Professional Sequence*

2.75 GPA and declared major required to take courses below:

MC 2003	Mass Media Style and Structure	3
MC 2023	Electronic Communication	3
SC 2183	Introduction to Strategic Communications	3

*Upper-division Professional Sequence*

Proficiency Review required to take courses below:

MC 4143	Ethics and Issues in Mass Communications	3
MC 4163	Mass Communication Law	3
SC 3353	Persuasive Writing for Strategic Communicators	3
SC 3753	Graphic Design for Strategic Communication	3
SC 4013	Advertising Media and Markets	3

Select 6 hours of MC, MMJ, SC or SPM

*Entertainment Media*

SC 3043	Entertainment in the Media	3
SC 3443	Social Media	3
MMJ 3153	Fundamentals of Video and Studio Production	3
MMJ 4960 or MMJ 4573	Live Field Production Broadcast Documentary	3
SC 4743	Entertainment Media Campaigns	3

*Additional Requirements*

Select 9 hours from:

AMST 3223	Theories and Methods of American Studies	9
AMST 3503	Television and American Society (DH)	
AMST 3513	Film And American Society (H)	
AMST 3683	Introduction to Digital Humanities	
ENGL 3503	Television and American Society (DH)	

<b>Hours Subtotal</b>	<b>54</b>
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**Electives**

Select 4 hours.

May need to include 6 hours upper-division general education outside major department. See note 2.c.

May not be able to use additional courses in MC-MMJ-SC-SPM.

MATH 1483 or MATH 1513 required for students who do not place directly into STAT.

<b>Hours Subtotal</b>	<b>4</b>
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<b>Total Hours</b>	<b>120</b>
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A 2.75 graduation retention GPA and at least 24 hours completed required to initially declare major. Passing the proficiency review is required for upper-division major requirements. This includes a 2.75 graduation

retention GPA, and at least 12 OSU hours earned, and a 2.75 OSU GPA, and a passing score on the Language Proficiency Exam.

A minimum of 72 hours must be taken outside of MC-MMJ-SC-SPM. No more than 12 hours in MC-MMJ-SC-SPM can be transferred from other institutions.

Students are required to develop and maintain a portfolio exhibiting specific and appropriate work including required class assignments

## Other Requirements

- See the College of Arts and Sciences Requirements.
- Minimum 2.50 GPA in all MC-MMJ-SC-SPM prefix courses.
- **Upper-Division Credit:** Total hours must include at least 40 hours in courses numbered 3000 or above.
- **Hours in One Department:** The School of Media and Strategic Communications requires that no more than 48 hours in MC-MMJ-SC-SPM may be applied to degree requirements.

## College of Arts and Sciences Requirements

### 1. General Education Requirements

No more than two courses (or eight hours) from the major department (<http://catalog.okstate.edu/college-arts-sciences-major-departments/>) may be used to meet General Education and College and Departmental Requirements. The General Education required English Composition, required U.S. History, required American Government, one required MATH or STAT course, and required foreign language for B.A. degrees do not count against the two-course maximum.

### 2. A&S College/Departmental Requirements

- a. Arts and Humanities are defined as any course carrying an (H) designation or courses from AMST, ART, DANC, ENGL (except ENGL 3323 Technical Writing) HIST, MUSI, PHIL (except PHIL 1313 Logic and Critical Thinking (A), PHIL 3003 Symbolic Logic (A) and PHIL 4003 Mathematical Logic and Computability), REL, TH, and foreign languages.
- b. Natural and Mathematical Sciences are defined as any course from the following prefixes: ASTR, BIOC, BIOL, CHEM, CS (except CS 4883 Social Issues in Computing), GEOL, MATH, MICR, PBIO, PHYS, and STAT; or courses from other departments that carry an (A) or (N) general education designation.
- c. The required six hours of upper-division General Education may not include courses from the student's major department. This requirement may be satisfied by courses also used to satisfy any part of a student's degree program (i.e., in General Education, College Departmental Requirements, Major Requirements or Electives).
- d. Non-Western Studies Requirement for B.A. and B.F.A.; One 3-hour course in Non-Western Studies (N.W.). This requirement may be satisfied by courses also used to satisfy any part of a student's degree program (i.e., in General Education, College Departmental Requirements, Major Requirements or Electives).
- e. The College of Arts & Sciences requires a minimum 2.0 GPA in all major requirements and a minimum 2.0 GPA in all major-prefix courses applied to the degree.

### 3. Foreign Language Proficiency

- a. The foreign language requirement for the B.A. may be satisfied by 9 hours college credit in the same language, which must include

3 hours at the 2000-level, or equivalent proficiency (e.g., passing an advanced standing examination; TOEFL exam; presenting a high school transcript which demonstrates the high school was primarily conducted in a language other than English; etc.). Computer Science courses may not be used to satisfy this requirement. Currently Arabic and Mvskoke are not offered at the 2000-level at OSU.

- b. The foreign language requirement for the B.S., B.M. and B.F.A. may be satisfied by presenting a high school transcript which demonstrates two years of study of a single foreign language (passing grades at second-year level of study). It may also be satisfied by 6 hours college credit in the same language, which must include language courses 1713 and 1813, or equivalent proficiency (e.g., passing an advanced standing examination; TOEFL exam; presenting a high school transcript which demonstrates the high school was primarily conducted in a language other than English; etc.). Computer Science courses may not be used to satisfy this requirement.
- c. In addition to a. and b., students pursuing teacher certification must meet novice-high foreign language proficiency by presenting a high school transcript which demonstrates two years of study of a single foreign language with no grade below B. Or, students may complete 3 hours college credit in a single language with no grade below C (or pass an advanced standing examination, College Level Examination Program (CLEP) exam, or Oral Proficiency Interview developed by the American Council on the Teaching of Foreign Languages, equivalent to 3 hours of college credit.) Or, students may meet the requirement by transfer of documentation of meeting the foreign language competency from one of the teacher education programs in the State of Oklahoma approved by the Oklahoma State Regents for Higher Education.

### 4. Exclusions

- a. Courses used to satisfy the General Education English Composition, U.S. History, American Government, and Mathematics or Statistics requirements will not count toward the 54-hour maximum allowed from one department.
- b. Courses with ATHL or LEIS prefixes and leisure activity courses may not be used for degree credit.

## Additional State/OSU Requirements

- At least: 60 hours at a four-year institution; 30 hours completed at OSU; 15 of the final 30 or 50% of the upper-division hours in the major field completed at OSU.
- Limit of: one-half of major course requirements as transfer work; one-fourth of hours earned by correspondence; 8 transfer correspondence hours.
- Students will be held responsible for degree requirements in effect at the time of matriculation and any changes that are made, so long as these changes do not result in semester credit hours being added or do not delay graduation.
- Degrees that follow this plan must be completed by the end of Summer 2028.

## Example Plan of Study

### Finish in Four Plan of Study

The plan below is an example of how students can successfully complete degree requirements in four years. This suggested class schedule plan may be used as a guide and can be adjusted based on individual

needs. Students are required to meet with an academic advisor prior to enrollment each semester to plan their class schedule, and students are ultimately responsible for completing all degree requirements.

Course	Title	Hours
<b>Freshman</b>		
<b>Fall</b>		
ENGL 1113	Composition I	3
MATH 1483 or MATH 1513	Mathematical Functions and Their Uses (A) or College Algebra (A)	3
General Education courses		9
<b>Hours</b>		<b>15</b>
<b>Spring</b>		
ENGL 1213	Composition II	3
STAT 2013 or STAT 2053 or STAT 2023	Elementary Statistics (A) or Elementary Statistics for the Social Sciences (A) or Elementary Statistics for Business and Economics (A)	3
1713 First Semester Foreign Language		3
General Education courses		6
<b>Hours</b>		<b>15</b>
<b>Sophomore</b>		
<b>Fall</b>		
1813 Second Semester Foreign Language		3
General Education courses		12
<b>Hours</b>		<b>15</b>
<b>Spring</b>		
2000-level Foreign Language		3
College and Elective courses		12
<b>Hours</b>		<b>15</b>
<b>Junior</b>		
<b>Fall</b>		
SC 2183	Introduction to Strategic Communications	3
MC 2003	Mass Media Style and Structure	3
MC 2023	Electronic Communication	3
SC 3043	Entertainment in the Media (F)	3
Major, College, and Elective courses		3
<b>Hours</b>		<b>15</b>
<b>Spring</b>		
MMJ 3153	Fundamentals of Video and Studio Production	3
SC 3353	Persuasive Writing for Strategic Communicators	3
SC 3753	Graphic Design for Strategic Communication	3
SC 3443	Social Media (Sp)	3
Major, College, and Elective courses		3
<b>Hours</b>		<b>15</b>
<b>Senior</b>		
<b>Fall</b>		
SC 4013	Advertising Media and Markets	3
MMJ 4960 or MMJ 4573	Live Field Production or Broadcast Documentary	3
MC 4163	Mass Communication Law	3
Major, College, and Elective courses		6
<b>Hours</b>		<b>15</b>
<b>Spring</b>		
SC 4743	Entertainment Media Campaigns (Sp)	3
MC 4143	Ethics and Issues in Mass Communications	3
Major, College, and Elective courses		9
<b>Hours</b>		<b>15</b>
<b>Total Hours</b>		<b>120</b>

# Strategic Communication: Entertainment Media, BS

## Degree Requirements

**Requirements for Students Matriculating in or before Academic Year 2022-2023.** Learn more about University Academic Regulation 3.1 (p. 943).

**Minimum Overall Grade Point Average: 2.00**

**Total Hours: 120**

Code	Title	Hours
<b>General Education Requirements</b>		
<i>English Composition</i>		
See Academic Regulation 3.5 (p. 944)		
ENGL 1113 or ENGL 1313	Composition I Critical Analysis and Writing I	3
ENGL 1213 or ENGL 1413 or ENGL 3323	Composition II Critical Analysis and Writing II Technical Writing	3
<i>American History &amp; Government</i>		
HIST 1103 or HIST 1483 or HIST 1493	Survey of American History American History to 1865 (H) American History Since 1865 (DH)	3
POLS 1113	American Government	3
<i>Analytical &amp; Quantitative Thought (A)</i>		
STAT 2013 or STAT 2023 or STAT 2053	Elementary Statistics (A) Elementary Statistics for Business and Economics (A) Elementary Statistics for the Social Sciences (A)	3
<i>Humanities (H)</i>		
Courses designated (H)		6
<i>Natural Sciences (N)</i>		
Must include one Laboratory Science (L) course		
Courses designated (N)		6
<i>Social &amp; Behavioral Sciences (S)</i>		
ECON 1113 or ECON 2103	The Economics of Social Issues (S) Introduction to Microeconomics (S)	3
MC 1143	Media in a Diverse Society (DS)	3
SPCH 2713	Introduction to Speech Communication (S)	3
<i>Additional General Education</i>		
Courses designated (A), (H), (N), or (S)		4
<b>Hours Subtotal</b>		<b>40</b>
<b>Diversity (D) &amp; International Dimension (I)</b>		
May be completed in any part of the degree plan		
Select at least one Diversity (D) course		
Select at least one International Dimension (I) course		
<b>College/Departmental Requirements</b>		
<i>First Year Seminar</i>		1
(Transfer students with 15 hours exempt)		
<i>Arts &amp; Humanities</i>		3
See note 2.a.		
<i>Natural &amp; Mathematical Sciences</i>		9

See note 2.b.

### *Foreign Language*

0-6 hours. See note 3.a.

### *Upper-Division General Education*

Select 6 hours outside major department. See note 2.c.

**Hours Subtotal** 13

### **Major Requirements**

Minimum 2.50 GPA. Minimum grade of "C" in all MC-MMJ-SC-SPM prefix courses.

### *Lower-division Professional Sequence*

2.75 GPA and declared major required to take courses below:

MC 2003	Mass Media Style and Structure	3
MC 2023	Electronic Communication	3
SC 2183	Introduction to Strategic Communications	3

### *Upper-division Professional Sequence*

Proficiency Review required to take courses below:

MC 4143	Ethics and Issues in Mass Communications	3
MC 4163	Mass Communication Law	3
SC 3353	Persuasive Writing for Strategic Communicators	3
SC 3753	Graphic Design for Strategic Communication	3
SC 4013	Advertising Media and Markets	3
Select 6 hours of MC, MMJ, SC or SPM		6

### *Entertainment Media*

SC 3043	Entertainment in the Media	3
SC 3443	Social Media	3
MMJ 3153	Fundamentals of Video and Studio Production	3
MMJ 4960 or MMJ 4573	Live Field Production Broadcast Documentary	3
SC 4743	Entertainment Media Campaigns	3

### *Additional Requirements*

Select 9 hours from:		9
AMST 3223	Theories and Methods of American Studies	
AMST 3503	Television and American Society (DH)	
AMST 3513	Film And American Society (H)	
AMST 3683	Introduction to Digital Humanities	
ENGL 3503	Television and American Society (DH)	

**Hours Subtotal** 54

### **Electives**

Select 13 hours. 13

May need to include 6 hours of a foreign language. See note 3.

May need to include 6 hours upper-division general education outside major department. See note 2.c.

May not be able to use additional courses in MC-MMJ-SC-SPM.

MATH 1483 or MATH 1513 required for students who do not place directly into STAT.

**Hours Subtotal** 13

**Total Hours** 120

A 2.75 graduation retention GPA and at least 24 hours completed required to initially declare major. Passing the proficiency review is required for

upper-division major requirements. This includes a 2.75 graduation retention GPA, and at least 12 OSU hours earned, and a 2.75 OSU GPA, and a passing score on the Language Proficiency Exam.

A minimum of 72 hours must be taken outside of MC-MMJ-SC-SPM. No more than 12 hours in MC-MMJ-SC-SPM can be transferred from other institutions.

Students are required to develop and maintain a portfolio exhibiting specific and appropriate work including required class assignments.

## Other Requirements

- See the College of Arts and Sciences Requirements.
- Minimum 2.50 GPA in all MC-MMJ-SC-SPM prefix courses.
- **Upper-Division Credit:** Total hours must include at least 40 hours in courses numbered 3000 or above.
- **Hours in One Department:** The School of Media and Strategic Communications requires that no more than 48 hours in MC-MMJ-SC-SPM may be applied to degree requirements.

## College of Arts and Sciences Requirements

### 1. General Education Requirements

No more than two courses (or eight hours) from the major department (<http://catalog.okstate.edu/college-arts-sciences-major-departments/>) may be used to meet General Education and College and Departmental Requirements. The General Education required English Composition, required U.S. History, required American Government, one required MATH or STAT course, and required foreign language for B.A. degrees do not count against the two-course maximum.

### 2. A&S College/Departmental Requirements

- a. Arts and Humanities are defined as any course carrying an (H) designation or courses from AMST, ART, DANC, ENGL (except ENGL 3323 Technical Writing) HIST, MUSI, PHIL (except PHIL 1313 Logic and Critical Thinking (A), PHIL 3003 Symbolic Logic (A) and PHIL 4003 Mathematical Logic and Computability), REL, TH, and foreign languages.
- b. Natural and Mathematical Sciences are defined as any course from the following prefixes: ASTR, BIOC, BIOL, CHEM, CS (except CS 4883 Social Issues in Computing), GEOL, MATH, MICR, PBIO, PHYS, and STAT; or courses from other departments that carry an (A) or (N) general education designation.
- c. The required six hours of upper-division General Education may not include courses from the student's major department. This requirement may be satisfied by courses also used to satisfy any part of a student's degree program (i.e., in General Education, College Departmental Requirements, Major Requirements or Electives).
- d. Non-Western Studies Requirement for B.A. and B.F.A.; One 3-hour course in Non-Western Studies (N.W.). This requirement may be satisfied by courses also used to satisfy any part of a student's degree program (i.e., in General Education, College Departmental Requirements, Major Requirements or Electives).
- e. The College of Arts & Sciences requires a minimum 2.0 GPA in all major requirements and a minimum 2.0 GPA in all major-prefix courses applied to the degree.

### 3. Foreign Language Proficiency

- a. The foreign language requirement for the B.A. may be satisfied by 9 hours college credit in the same language, which must include 3 hours at the 2000-level, or equivalent proficiency (e.g., passing an advanced standing examination; TOEFL exam; presenting a high school transcript which demonstrates the high school was primarily conducted in a language other than English; etc.). Computer Science courses may not be used to satisfy this requirement. Currently Arabic and Mvskoke are not offered at the 2000-level at OSU.
- b. The foreign language requirement for the B.S., B.M. and B.F.A. may be satisfied by presenting a high school transcript which demonstrates two years of study of a single foreign language (passing grades at second-year level of study). It may also be satisfied by 6 hours college credit in the same language, which must include language courses 1713 and 1813, or equivalent proficiency (e.g., passing an advanced standing examination; TOEFL exam; presenting a high school transcript which demonstrates the high school was primarily conducted in a language other than English; etc.). Computer Science courses may not be used to satisfy this requirement.
- c. In addition to a. and b., students pursuing teacher certification must meet novice-high foreign language proficiency by presenting a high school transcript which demonstrates two years of study of a single foreign language with no grade below B. Or, students may complete 3 hours college credit in a single language with no grade below C (or pass an advanced standing examination, College Level Examination Program (CLEP) exam, or Oral Proficiency Interview developed by the American Council on the Teaching of Foreign Languages, equivalent to 3 hours of college credit.) Or, students may meet the requirement by transfer of documentation of meeting the foreign language competency from one of the teacher education programs in the State of Oklahoma approved by the Oklahoma State Regents for Higher Education.

### 4. Exclusions

- a. Courses used to satisfy the General Education English Composition, U.S. History, American Government, and Mathematics or Statistics requirements will not count toward the 54-hour maximum allowed from one department.
- b. Courses with ATHL or LEIS prefixes and leisure activity courses may not be used for degree credit.

## Additional State/OSU Requirements

- At least: 60 hours at a four-year institution; 30 hours completed at OSU; 15 of the final 30 or 50% of the upper-division hours in the major field completed at OSU.
- Limit of: one-half of major course requirements as transfer work; one-fourth of hours earned by correspondence; 8 transfer correspondence hours.
- Students will be held responsible for degree requirements in effect at the time of matriculation and any changes that are made, so long as these changes do not result in semester credit hours being added or do not delay graduation.
- Degrees that follow this plan must be completed by the end of Summer 2028.

## Example Plan of Study

### Finish in Four Plan of Study



The plan below is an example of how students can successfully complete degree requirements in four years. This suggested class schedule plan may be used as a guide and can be adjusted based on individual needs. Students are required to meet with an academic advisor prior to enrollment each semester to plan their class schedule, and students are ultimately responsible for completing all degree requirements.

Course	Title	Hours
<b>Freshman</b>		
<b>Fall</b>		
ENGL 1113	Composition I	3
MATH 1483 or MATH 1513	Mathematical Functions and Their Uses (A) or College Algebra (A)	3
General Education courses		9
<b>Hours</b>		<b>15</b>
<b>Spring</b>		
ENGL 1213	Composition II	3
STAT 2013 or STAT 2053 or STAT 2023	Elementary Statistics (A) or Elementary Statistics for the Social Sciences (A) or Elementary Statistics for Business and Economics (A)	3
General Education courses		9
<b>Hours</b>		<b>15</b>
<b>Sophomore</b>		
<b>Fall</b>		
General Education courses		15
<b>Hours</b>		<b>15</b>
<b>Spring</b>		
College and Elective courses		15
<b>Hours</b>		<b>15</b>
<b>Junior</b>		
<b>Fall</b>		
SC 2183	Introduction to Strategic Communications	3
MC 2003	Mass Media Style and Structure	3
MC 2023	Electronic Communication	3
SC 3043	Entertainment in the Media (F)	3
Major, College, and Elective courses		3
<b>Hours</b>		<b>15</b>
<b>Spring</b>		
MMJ 3153	Fundamentals of Video and Studio Production	3
SC 3353	Persuasive Writing for Strategic Communicators	3
SC 3753	Graphic Design for Strategic Communication	3
SC 3443	Social Media (Sp)	3
Major, College, and Elective courses		3
<b>Hours</b>		<b>15</b>
<b>Senior</b>		
<b>Fall</b>		
SC 4013	Advertising Media and Markets	3
MMJ 4960 or MMJ 4573	Live Field Production or Broadcast Documentary	3
MC 4163	Mass Communication Law	3
Major, College, and Elective courses		6
<b>Hours</b>		<b>15</b>
<b>Spring</b>		
SC 4743	Entertainment Media Campaigns (Sp)	3
MC 4143	Ethics and Issues in Mass Communications	3
Major, College, and Elective courses		9
<b>Hours</b>		<b>15</b>
<b>Total Hours</b>		<b>120</b>

# Strategic Communication: Social Media, BA

## Degree Requirements

**Requirements for Students Matriculating in or before Academic Year 2022-2023.** Learn more about University Academic Regulation 3.1 (p. 943).

**Minimum Overall Grade Point Average: 2.00**

**Total Hours: 120**

Code	Title	Hours
<b>General Education Requirements</b>		
<i>English Composition</i>		
See Academic Regulation 3.5 (p. 944)		
ENGL 1113 or ENGL 1313	Composition I Critical Analysis and Writing I	3
ENGL 1213 or ENGL 1413 or ENGL 3323	Composition II Critical Analysis and Writing II Technical Writing	3
<i>American History &amp; Government</i>		
HIST 1103 or HIST 1483 or HIST 1493	Survey of American History American History to 1865 (H) American History Since 1865 (DH)	3
POLS 1113	American Government	3
<i>Analytical &amp; Quantitative Thought (A)</i>		
STAT 2013 or STAT 2023 or STAT 2053	Elementary Statistics (A) Elementary Statistics for Business and Economics (A) Elementary Statistics for the Social Sciences (A)	3
<i>Humanities (H)</i>		
Courses designated (H)		6
<i>Natural Sciences (N)</i>		
Must include one Laboratory Science (L) course		
Courses designated (N)		6
<i>Social &amp; Behavioral Sciences (S)</i>		
ECON 1113 or ECON 2103	The Economics of Social Issues (S) Introduction to Microeconomics (S)	3
MC 1143	Media in a Diverse Society (DS)	3
SPCH 2713	Introduction to Speech Communication (S)	3
<i>Additional General Education</i>		
Courses designated (A), (H), (N), or (S)		4
<b>Hours Subtotal</b>		<b>40</b>

### Diversity (D) & International Dimension (I)

May be completed in any part of the degree plan

Select at least one Diversity (D) course

Select at least one International Dimension (I) course

### College/Departmental Requirements

*First Year Seminar* 1

(Transfer Students with 15 hours exempt)

*Arts & Humanities* 9

See note 2.a.

*Natural & Mathematical Sciences* 3

See note 2.b.

*Foreign Language*  
9 hours. See note 3. 9

### Upper-Division General Education

Select 6 hours outside major department. See note 2.c.

**Hours Subtotal** 22

### Major Requirements

Minimum 2.50 GPA. Minimum grade of "C" in all MC-MMJ-SC-SPM prefix courses.

#### Lower-division Professional Sequence

2.75 GPA and declared major required to take courses below:

MC 2003	Mass Media Style and Structure	3
MC 2023	Electronic Communication	3
SC 2183	Introduction to Strategic Communications	3

#### Upper-division Professional Sequence

Proficiency Review required to take courses below:

MC 4143	Ethics and Issues in Mass Communications	3
MC 4163	Mass Communication Law	3
SC 3353	Persuasive Writing for Strategic Communicators	3
SC 3753	Graphic Design for Strategic Communication	3
SC 4013	Advertising Media and Markets	3

Select 6 hours of MC, MMJ, SC or SPM 6

#### Social Media

SC 3443	Social Media	3
SC 4063	Media Performance	3
SC 4653	Electronic Media Advertising	3
SC 4493	Advanced Public Relations Writing	3
SC 4763	Social Media Campaigns	3

#### Additional Requirements

Select 9 hours of upper-division MKTG. 9

**Hours Subtotal** 54

### Electives

Select 4 hours. 4

May need to include 6 hours upper-division general education outside major department. See note 2.c.

May not be able to use additional courses in MC-MMJ-SC-SPM

MATH 1483 or MATH 1513 required for students who do not place directly into STAT.

**Hours Subtotal** 4

**Total Hours** 120

## Strategic Communications Requirements

A 2.75 graduation retention GPA and at least 24 hours completed required to initially declare major. Passing the proficiency review is required for upper-division major requirements. This includes a 2.75 graduation retention GPA, and at least 12 OSU hours earned, and a 2.75 OSU GPA, and a passing score on the Language Proficiency Exam.

A minimum of 72 hours must be taken outside of MC-MMJ-SC-SPM. No more than 12 hours in MC-MMJ-SC-SPM can be transferred from other institutions.

Students are required to develop and maintain a portfolio exhibiting specific and appropriate work including required class assignments.

## Other Requirements

- See the College of Arts and Sciences Requirements.
- Minimum 2.50 GPA in all MC-MMJ-SC-SPM prefix courses.
- **Upper-Division Credit:** Total hours must include at least 40 hours in courses numbered 3000 or above.
- **Hours in One Department:** The School of Media and Strategic Communications requires that no more than 48 hours in MC-MMJ-SC-SPM may be applied to degree requirements.

## College of Arts and Sciences Requirements

### 1. General Education Requirements

No more than two courses (or eight hours) from the major department (<http://catalog.okstate.edu/college-arts-sciences-major-departments/>) may be used to meet General Education and College and Departmental Requirements. The General Education required English Composition, required U.S. History, required American Government, one required MATH or STAT course, and required foreign language for B.A. degrees do not count against the two-course maximum.

### 2. A&S College/Departmental Requirements

- Arts and Humanities are defined as any course carrying an (H) designation or courses from AMST, ART, DANC, ENGL (except ENGL 3323 Technical Writing) HIST, MUSI, PHIL (except PHIL 1313 Logic and Critical Thinking (A), PHIL 3003 Symbolic Logic (A) and PHIL 4003 Mathematical Logic and Computability), REL, TH, and foreign languages.
- Natural and Mathematical Sciences are defined as any course from the following prefixes: ASTR, BIOC, BIOL, CHEM, CS (except CS 4883 Social Issues in Computing), GEOL, MATH, MICR, PBIO, PHYS, and STAT; or courses from other departments that carry an (A) or (N) general education designation.
- The required six hours of upper-division General Education may not include courses from the student's major department. This requirement may be satisfied by courses also used to satisfy any part of a student's degree program (i.e., in General Education, College Departmental Requirements, Major Requirements or Electives).
- Non-Western Studies Requirement for B.A. and B.F.A.; One 3-hour course in Non-Western Studies (N.W.). This requirement may be satisfied by courses also used to satisfy any part of a student's degree program (i.e., in General Education, College Departmental Requirements, Major Requirements or Electives).
- The College of Arts & Sciences requires a minimum 2.0 GPA in all major requirements and a minimum 2.0 GPA in all major-prefix courses applied to the degree.

### 3. Foreign Language Proficiency

- The foreign language requirement for the B.A. may be satisfied by 9 hours college credit in the same language, which must include 3 hours at the 2000-level, or equivalent proficiency (e.g., passing an advanced standing examination; TOEFL exam; presenting a high school transcript which demonstrates the high school was primarily conducted in a language other than English; etc.). Computer Science courses may not be used to satisfy this

requirement. Currently Arabic and Mvskoke are not offered at the 2000-level at OSU.

- The foreign language requirement for the B.S., B.M. and B.F.A. may be satisfied by presenting a high school transcript which demonstrates two years of study of a single foreign language (passing grades at second-year level of study). It may also be satisfied by 6 hours college credit in the same language, which must include language courses 1713 and 1813, or equivalent proficiency (e.g., passing an advanced standing examination; TOEFL exam; presenting a high school transcript which demonstrates the high school was primarily conducted in a language other than English; etc.). Computer Science courses may not be used to satisfy this requirement.
- In addition to a. and b., students pursuing teacher certification must meet novice-high foreign language proficiency by presenting a high school transcript which demonstrates two years of study of a single foreign language with no grade below B. Or, students may complete 3 hours college credit in a single language with no grade below C (or pass an advanced standing examination, College Level Examination Program (CLEP) exam, or Oral Proficiency Interview developed by the American Council on the Teaching of Foreign Languages, equivalent to 3 hours of college credit.) Or, students may meet the requirement by transfer of documentation of meeting the foreign language competency from one of the teacher education programs in the State of Oklahoma approved by the Oklahoma State Regents for Higher Education.

### 4. Exclusions

- Courses used to satisfy the General Education English Composition, U.S. History, American Government, and Mathematics or Statistics requirements will not count toward the 54-hour maximum allowed from one department.
- Courses with ATHL or LEIS prefixes and leisure activity courses may not be used for degree credit.

## Additional State/OSU Requirements

- At least: 60 hours at a four-year institution; 30 hours completed at OSU; 15 of the final 30 or 50% of the upper-division hours in the major field completed at OSU.
- Limit of: one-half of major course requirements as transfer work; one-fourth of hours earned by correspondence; 8 transfer correspondence hours.
- Students will be held responsible for degree requirements in effect at the time of matriculation and any changes that are made, so long as these changes do not result in semester credit hours being added or do not delay graduation.
- Degrees that follow this plan must be completed by the end of Summer 2028.

## Example Plan of Study

### Finish in Four Plan of Study

The plan below is an example of how students can successfully complete degree requirements in four years. This suggested class schedule plan may be used as a guide and can be adjusted based on individual needs. Students are required to meet with an academic advisor prior to enrollment each semester to plan their class schedule, and students are ultimately responsible for completing all degree requirements.

Course	Title	Hours
<b>Freshman</b>		
<b>Fall</b>		
ENGL 1113	Composition I	3
MATH 1483 or MATH 1513	Mathematical Functions and Their Uses (A) or College Algebra (A)	3
General Education courses		8
<b>Hours</b>		<b>14</b>
<b>Spring</b>		
ENGL 1213	Composition II	3
STAT 2013 or STAT 2053 or STAT 2023	Elementary Statistics (A) or Elementary Statistics for the Social Sciences (A) or Elementary Statistics for Business and Economics (A)	3
General Education courses		10
<b>Hours</b>		<b>16</b>
<b>Sophomore</b>		
<b>Fall</b>		
SC 2183	Introduction to Strategic Communications	3
MC 2003	Mass Media Style and Structure	3
1713 First Semester Foreign Language		3
General Education courses		6
<b>Hours</b>		<b>15</b>
<b>Spring</b>		
MC 2023	Electronic Communication	3
1813 Second Semester Foreign Language		3
College and Elective courses		9
<b>Hours</b>		<b>15</b>
<b>Junior</b>		
<b>Fall</b>		
SC 3353	Persuasive Writing for Strategic Communicators	3
SC 3753	Graphic Design for Strategic Communication	3
MKTG 3213	Marketing (S)	3
2000-level Foreign Language		3
Major, College, and Elective courses		3
<b>Hours</b>		<b>15</b>
<b>Spring</b>		
SC 3443	Social Media (Sp)	3
SC 4653	Electronic Media Advertising (Sp)	3
MC 4143	Ethics and Issues in Mass Communications	3
Major, College, and Elective courses		6
<b>Hours</b>		<b>15</b>
<b>Senior</b>		
<b>Fall</b>		
SC 4013	Advertising Media and Markets	3
SC 4063	Media Performance (F)	3
SC 4493	Advanced Public Relations Writing	3
MC 4163	Mass Communication Law	3
Major, College, and Elective courses		3
<b>Hours</b>		<b>15</b>
<b>Spring</b>		
SC 4763	Social Media Campaigns (Sp)	3
Major, College, and Elective courses		12
<b>Hours</b>		<b>15</b>
<b>Total Hours</b>		<b>120</b>

# Strategic Communication: Social Media, BS

## Degree Requirements

**Requirements for Students Matriculating in or before Academic Year 2022-2023.** Learn more about University Academic Regulation 3.1 (p. 943).

**Minimum Overall Grade Point Average: 2.00**

**Total Hours: 120**

Code	Title	Hours
<b>General Education Requirements</b>		
<i>English Composition</i>		
See Academic Regulation 3.5 (p. 944)		
ENGL 1113 or ENGL 1313	Composition I Critical Analysis and Writing I	3
ENGL 1213 or ENGL 1413 or ENGL 3323	Composition II Critical Analysis and Writing II Technical Writing	3
<i>American History &amp; Government</i>		
HIST 1103 or HIST 1483 or HIST 1493	Survey of American History American History to 1865 (H) American History Since 1865 (DH)	3
POLS 1113	American Government	3
<i>Analytical &amp; Quantitative Thought (A)</i>		
STAT 2013 or STAT 2023 or STAT 2053	Elementary Statistics (A) Elementary Statistics for Business and Economics (A) Elementary Statistics for the Social Sciences (A)	3
<i>Humanities (H)</i>		
Courses designated (H)		6
<i>Natural Sciences (N)</i>		
Must include one Laboratory Science (L) course		
Courses designated (N)		6
<i>Social &amp; Behavioral Sciences (S)</i>		
ECON 1113 or ECON 2103	The Economics of Social Issues (S) Introduction to Microeconomics (S)	3
MC 1143	Media in a Diverse Society (DS)	3
SPCH 2713	Introduction to Speech Communication (S)	3
<i>Additional General Education</i>		
Courses designated (A), (H), (N), or (S)		4
<b>Hours Subtotal</b>		<b>40</b>
Diversity (D) & International Dimension (I)		
May be completed in any part of the degree plan		
Select at least one Diveristy (D) course		
Select at least one International Dimension (I) course		
<b>College/Departmental Requirements</b>		
<i>First Year Seminar</i>		1
(Transfer students with 15 hours exempt)		
<i>Arts &amp; Humanities</i>		3
See note 2.a.		
<i>Natural &amp; Mathematical Sciences</i>		9

See note 2.b.

*Foreign Language*

0-6 hours. See note 3.

*Upper-Division General Education*

Select 6 hours outside major department. See note 2.c.

**Hours Subtotal** **13**

**Major Requirements**

Minimum 2.50 GPA. Minimum grade of "C" in all MC-MMJ-SC-SPM prefix courses.

*Lower-division Professional Sequence*

2.75 GPA and declared major required to take courses below:

MC 2003	Mass Media Style and Structure	3
MC 2023	Electronic Communication	3
SC 2183	Introduction to Strategic Communications	3

*Upper-division Professional Sequence*

Proficiency Review required to take courses below:

MC 4143	Ethics and Issues in Mass Communications	3
MC 4163	Mass Communication Law	3
SC 3353	Persuasive Writing for Strategic Communicators	3
SC 3753	Graphic Design for Strategic Communication	3
SC 4013	Advertising Media and Markets	3

Select 6 hours of MC, MMJ, SC or SPM.

*Social Media*

SC 3443	Social Media	3
SC 4063	Media Performance	3
SC 4653	Electronic Media Advertising	3
SC 4493	Advanced Public Relations Writing	3
SC 4763	Social Media Campaigns	3

*Additional Requirements*

Select 9 hours of upper-division MKTG. **9**

**Hours Subtotal** **54**

**Electives**

Select 13 hours. **13**

May need to include 6 hours of a foreign language. See note 3.

May need to include 6 hours upper-division general education outside major department. See note 2.c.

May not be able to use additional courses in MC-MMJ-SC-SPM.

MATH 1483 or MATH 1513 required for students who do not place directly into STAT.

**Hours Subtotal** **13**

**Total Hours** **120**

## Strategic Communications Requirements

- A 2.75 graduation retention GPA and at least 24 hours completed required to initially declare major. Passing the proficiency review is required for upper-division major requirements. This includes a 2.75 graduation retention GPA, and at least 12 OSU hours earned, and a 2.75 OSU GPA, and a passing score on the Language Proficiency Exam.

- A minimum of 72 hours must be taken outside of MC-MMJ-SC-SPM. No more than 12 hours in MC-MMJ-SC-SPM can be transferred from other institutions.
- Students are required to develop and maintain a portfolio exhibiting specific and appropriate work including required class assignments.

## Other Requirements

- See the College of Arts and Sciences Requirements.
- Minimum 2.50 GPA in all MC-MMJ-SC-SPM prefix courses.
- **Upper-Division Credit:** Total hours must include at least 40 hours in courses numbered 3000 or above.
- **Hours in One Department:** The School of Media and Strategic Communications requires that no more than 48 hours in MC-MMJ-SC-SPM may be applied to degree requirements.

## College of Arts and Sciences Requirements

### 1. General Education Requirements

No more than two courses (or eight hours) from the major department (<http://catalog.okstate.edu/college-arts-sciences-major-departments/>) may be used to meet General Education and College and Departmental Requirements. The General Education required English Composition, required U.S. History, required American Government, one required MATH or STAT course, and required foreign language for B.A. degrees do not count against the two-course maximum.

### 2. A&S College/Departmental Requirements

- Arts and Humanities are defined as any course carrying an (H) designation or courses from AMST, ART, DANC, ENGL (except ENGL 3323 Technical Writing) HIST, MUSI, PHIL (except PHIL 1313 Logic and Critical Thinking (A), PHIL 3003 Symbolic Logic (A) and PHIL 4003 Mathematical Logic and Computability), REL, TH, and foreign languages.
- Natural and Mathematical Sciences are defined as any course from the following prefixes: ASTR, BIOC, BIOL, CHEM, CS (except CS 4883 Social Issues in Computing), GEOL, MATH, MICR, P BIO, PHYS, and STAT; or courses from other departments that carry an (A) or (N) general education designation.
- The required six hours of upper-division General Education may not include courses from the student's major department. This requirement may be satisfied by courses also used to satisfy any part of a student's degree program (i.e., in General Education, College Departmental Requirements, Major Requirements or Electives).
- Non-Western Studies Requirement for B.A. and B.F.A.; One 3-hour course in Non-Western Studies (N.W.). This requirement may be satisfied by courses also used to satisfy any part of a student's degree program (i.e., in General Education, College Departmental Requirements, Major Requirements or Electives).
- The College of Arts & Sciences requires a minimum 2.0 GPA in all major requirements and a minimum 2.0 GPA in all major-prefix courses applied to the degree.

### 3. Foreign Language Proficiency

- The foreign language requirement for the B.A. may be satisfied by 9 hours college credit in the same language, which must include 3 hours at the 2000-level, or equivalent proficiency (e.g., passing an advanced standing examination; TOEFL exam; presenting a high school transcript which demonstrates the high school

was primarily conducted in a language other than English; etc.). Computer Science courses may not be used to satisfy this requirement. Currently Arabic and Mvskoke are not offered at the 2000-level at OSU.

- The foreign language requirement for the B.S., B.M. and B.F.A. may be satisfied by presenting a high school transcript which demonstrates two years of study of a single foreign language (passing grades at second-year level of study). It may also be satisfied by 6 hours college credit in the same language, which must include language courses 1713 and 1813, or equivalent proficiency (e.g., passing an advanced standing examination; TOEFL exam; presenting a high school transcript which demonstrates the high school was primarily conducted in a language other than English; etc.). Computer Science courses may not be used to satisfy this requirement.
  - In addition to a. and b., students pursuing teacher certification must meet novice-high foreign language proficiency by presenting a high school transcript which demonstrates two years of study of a single foreign language with no grade below B. Or, students may complete 3 hours college credit in a single language with no grade below C (or pass an advanced standing examination, College Level Examination Program (CLEP) exam, or Oral Proficiency Interview developed by the American Council on the Teaching of Foreign Languages, equivalent to 3 hours of college credit.) Or, students may meet the requirement by transfer of documentation of meeting the foreign language competency from one of the teacher education programs in the State of Oklahoma approved by the Oklahoma State Regents for Higher Education.
- ### 4. Exclusions
- Courses used to satisfy the General Education English Composition, U.S. History, American Government, and Mathematics or Statistics requirements will not count toward the 54-hour maximum allowed from one department.
  - Courses with ATHL or LEIS prefixes and leisure activity courses may not be used for degree credit.

## Additional State/OSU Requirements

- At least: 60 hours at a four-year institution; 30 hours completed at OSU; 15 of the final 30 or 50% of the upper-division hours in the major field completed at OSU.
- Limit of: one-half of major course requirements as transfer work; one-fourth of hours earned by correspondence; 8 transfer correspondence hours.
- Students will be held responsible for degree requirements in effect at the time of matriculation and any changes that are made, so long as these changes do not result in semester credit hours being added or do not delay graduation.
- Degrees that follow this plan must be completed by the end of Summer 2028.

## Example Plan of Study

### Finish in Four Plan of Study

The plan below is an example of how students can successfully complete degree requirements in four years. This suggested class schedule plan may be used as a guide and can be adjusted based on individual needs. Students are required to meet with an academic advisor prior to



enrollment each semester to plan their class schedule, and students are ultimately responsible for completing all degree requirements.

Course	Title	Hours
<b>Freshman</b>		
<b>Fall</b>		
ENGL 1113	Composition I	3
MATH 1483 or MATH 1513	Mathematical Functions and Their Uses (A) or College Algebra (A)	3
General Education courses		8
<b>Hours</b>		<b>14</b>
<b>Spring</b>		
ENGL 1213	Composition II	3
STAT 2013 or STAT 2053 or STAT 2023	Elementary Statistics (A) or Elementary Statistics for the Social Sciences (A) or Elementary Statistics for Business and Economics (A)	3
General Education courses		10
<b>Hours</b>		<b>16</b>
<b>Sophomore</b>		
<b>Fall</b>		
SC 2183	Introduction to Strategic Communications	3
MC 2003	Mass Media Style and Structure	3
General Education courses		9
<b>Hours</b>		<b>15</b>
<b>Spring</b>		
MC 2023	Electronic Communication	3
College and Elective courses		12
<b>Hours</b>		<b>15</b>
<b>Junior</b>		
<b>Fall</b>		
SC 3353	Persuasive Writing for Strategic Communicators	3
SC 3753	Graphic Design for Strategic Communication	3
MKTG 3213	Marketing (S)	3
Major, College, and Elective courses		6
<b>Hours</b>		<b>15</b>
<b>Spring</b>		
SC 3443	Social Media (Sp)	3
SC 4653	Electronic Media Advertising (Sp)	3
MC 4143	Ethics and Issues in Mass Communications	3
Major, College, and Elective courses		6
<b>Hours</b>		<b>15</b>
<b>Senior</b>		
<b>Fall</b>		
SC 4013	Advertising Media and Markets	3
SC 4063	Media Performance (F)	3
SC 4493	Advanced Public Relations Writing	3
MC 4163	Mass Communication Law	3
Major, College, and Elective courses		3
<b>Hours</b>		<b>15</b>
<b>Spring</b>		
SC 4763	Social Media Campaigns (Sp)	3
Major, College, and Elective courses		12
<b>Hours</b>		<b>15</b>
<b>Total Hours</b>		<b>120</b>

## Microbiology and Molecular Genetics

### Microbiology/Cell and Molecular Biology

Microbiology is the hands-on study of bacteria, viruses, fungi and algae and their many relationships to humans, animals, plants and the environment. Cell and molecular biology bridges the fields of chemistry, biochemistry and biology as it seeks to understand life and cellular processes at the molecular level. Microbiologists apply their knowledge to infectious diseases and pathogenic mechanisms; food production and preservation, industrial fermentations which produce chemicals, drugs, antibiotics, alcoholic beverages and various food products; biodegradation of toxic chemicals and other materials present in the environment; insect pathology; the exciting and expanding field of biotechnology which endeavors to utilize living organisms to solve important problems in medicine, agriculture, and environmental science; infectious diseases; and public health and sanitation.

Microbes live in every imaginable habitat. They generate two-thirds of the oxygen in our atmosphere, drive the geochemical cycles that make life on Earth sustainable and are the basis of every food web. As model organisms used for basic research, microbes have contributed more than any other organisms to the current knowledge of genetics at the molecular level and genomics.

In contrast to the enormous benefits derived from some microbes, other microorganisms and viruses are the causative agents of infectious disease and hence have a devastating impact on humanity. These pathogens are the subjects of research into the mechanisms of infections, with the ultimate goal of combating or preventing diseases.

Departmental courses are designed to provide comprehensive training and the skills required for working with microorganisms in a professional setting, as well as a broad understanding of all aspects of microbial life. The lecture courses are taught by tenured faculty members and the laboratory courses are designed to integrate classroom learning with hands-on research experience.

Opportunities for employment exist at all scholarly levels, in many local, state and national agencies and industry. The record for employment of microbiologists has been excellent for many years and with the increased interest in biotechnology, medicine and the human microbiome, employment opportunities look even brighter for the future.

Microbiology is the strongest possible foundation for students who wish to go to medical, dental, veterinary or graduate schools. We take pride in offering research and internship opportunities that prepare students for careers in the biomedical sciences. Our graduates find jobs in medicine, health care, medical laboratories, teaching, research, industry and government.

### Medical Laboratory Science Option

This option is designed to give students the broad general education and the technical skills that are required for a successful career in medical laboratory science (MLS). The minimum requirement for the BS degree in Microbiology/Cell and Molecular Biology with the (MLS) option is three years of university work that includes general chemistry, organic chemistry, biochemistry, immunology, genetics, anatomy & physiology, physics, upper-division courses in microbiology, and one year of clinical laboratory education (internship).

For certification and completion of the BS degree, students will take one year of clinical internship in program accredited by the National

Accrediting Agency for Clinical Laboratory Science (NAACLS) and affiliated with Oklahoma State University. Students have the options of the following hospitals/programs: Comanche County Memorial Hospital, Lawton, OK; St. Francis Hospital, Tulsa, OK; Mercy Hospital, Ada, OK; Mercy Hospital, Ardmore, OK.

Medical Laboratory Science is unique in allowing students to enter the health profession directly after obtaining a BS degree. Clinical laboratory scientists comprise the third-largest segment of the healthcare professions and are an important member of the healthcare team, working alongside doctors and nurses. Students who complete Microbiology/Cell and Molecular Biology with the MLS option enjoy a 100% employment rate upon graduation.

## Courses

### GENE 5102 Molecular Genetics

**Prerequisites:** BIOC 3653 or MICR 3033 and one course in genetics or consent of instructor.

**Description:** An introduction to molecular genetics on the graduate level.

**Credit hours:** 2

**Contact hours:** Lecture: 2 Contact: 2

**Levels:** Graduate

**Schedule types:** Lecture

**Department/School:** Graduate College

### MICR 1211 First Year Microbiology Laboratory Experience

**Prerequisites:** MCMB major and concurrent enrollment in A&S 1111.

**Description:** This laboratory course is designed for First Year majors to experience microbiology in parallel with A&S 1111. Students will apply pure culture technique to obtain and characterize environmental isolates. Students also will learn light microscopy skills, anaerobic culture technique, and molecular biology skills.

**Credit hours:** 1

**Contact hours:** Lab: 2 Contact: 2

**Levels:** Undergraduate

**Schedule types:** Lab

**Department/School:** Microbiology & Mol Gen

### MICR 1513 Inquiry-Based Biology

**Description:** Directed inquiry and hands-on study of biological principles. Restricted to elementary education majors or related fields as model course to learn and teach science.

**Credit hours:** 3

**Contact hours:** Lecture: 1 Lab: 4 Contact: 5

**Levels:** Undergraduate

**Schedule types:** Lab, Lecture, Combined lecture and lab

**Department/School:** Microbiology & Mol Gen

### MICR 2123 Introduction to Microbiology

**Prerequisites:** Grade of "C" or better in BIOL 1114 or (BIOL 1113 and BIOL 1111) and either CHEM 1215 or CHEM 1314 with a grade of "C" or better or concurrent enrollment in one.

**Description:** General principles of the biology of microorganisms, including bacteria, viruses, algae, fungi, protozoa and archaea. Course previously offered as MICR 2125.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Microbiology & Mol Gen

**MICR 2132 Introduction to Microbiology Laboratory****Prerequisites:** MICR 2123 or concurrent enrollment.**Description:** Laboratory safety, aseptic technique, microscopy, staining and culture techniques, collection of microbial samples, isolation and identification of microorganisms, microbial growth and basic principles of metabolism, environmental microbiology, other discipline specific laboratory skills.**Credit hours:** 2**Contact hours:** Lab: 4 Contact: 4**Levels:** Undergraduate**Schedule types:** Lab**Department/School:** Microbiology & Mol Gen**MICR 2890 Honors Experience in Microbiology****Prerequisites:** Honors Program participation and concurrent enrollment in a designated MICR course.**Description:** A supplemental Honors experience in Microbiology to partner concurrently with designated MICR 2123 and/or MICR 2132 course(s). This course adds a different intellectual dimension to the designated course(s). Offered for fixed credit, 1 credit hour, maximum of 6 credit hours.**Credit hours:** 1**Contact hours:** Lecture: 1 Contact: 1**Levels:** Undergraduate**Schedule types:** Lecture**Department/School:** Microbiology & Mol Gen**General Education and other Course Attributes:** Honors Credit**MICR 3033 Cell and Molecular Biology****Prerequisites:** MICR 2123 and MICR 2132 with "C" or better or BOT 1404 or ZOOL 1604 and CHEM 1225 or CHEM 1515 or equivalent with a grade of "C" or better.**Description:** The cell concept and cell morphology, cell macromolecules, organelles, enzymes, energetics, movement of water and materials across membranes, influence of external environment, cellular synthesis, growth and maintenance, control and integration of function, replication, differentiation, origin, and evolution of cells. Course previously offered as CLML 3014, BIOL 3014, and BISC 3014.**Credit hours:** 3**Contact hours:** Lecture: 3 Contact: 3**Levels:** Undergraduate**Schedule types:** Lecture**Department/School:** Microbiology & Mol Gen**MICR 3103 Microbes: Friends or Foes (N)****Description:** Explores the impact of microorganisms on human life, the environment, and world history. This course is designed for non-science majors.**Credit hours:** 3**Contact hours:** Lecture: 3 Contact: 3**Levels:** Undergraduate**Schedule types:** Lecture**Department/School:** Microbiology & Mol Gen**General Education and other Course Attributes:** Natural Sciences**MICR 3143 Medical Mycology****Prerequisites:** MICR 2123 and MICR 2132 with a grade of "C" or better.**Description:** Examination of fungi as animal pathogens; laboratory techniques used in the identification of human and animal pathogens, and differentiation from common contaminants.**Credit hours:** 3**Contact hours:** Lecture: 1 Lab: 4 Contact: 5**Levels:** Undergraduate**Schedule types:** Lab, Lecture, Combined lecture and lab**Department/School:** Microbiology & Mol Gen**MICR 3154 Food Microbiology****Prerequisites:** Minimum grade of "C" in (MICR 2123 and MICR 2132) and (CHEM 3013 or CHEM 3053).**Description:** Relationship of microorganisms to food manufacture and preservation, to food spoilage and microbial food poisoning and to various aspects of primary food production. Same course as FDSC 3154. Course previously offered as ANSI 3154.**Credit hours:** 4**Contact hours:** Lecture: 2 Lab: 4 Contact: 6**Levels:** Undergraduate**Schedule types:** Lab, Lecture, Combined lecture and lab**Department/School:** Microbiology & Mol Gen**MICR 3213 My Genome: The DNA Revolution and what it means for you****Credit hours:** 3**Contact hours:** Lecture: 3 Contact: 3**Levels:** Undergraduate**Schedule types:** Lecture**Department/School:** Microbiology & Mol Gen**MICR 3223 Advanced Microbiology****Prerequisites:** Concurrent enrollment or completion of CHEM 3013 or CHEM 3053 and minimum grade of "C" in MICR 2123 and MICR 2132.**Description:** Subcellular structure and function of microorganisms. Synthesis, translocation, and metabolism of cellular macromolecular constituents. Substrate transport and metabolism. Course previously offered as MICR 3224 and MICR 4224.**Credit hours:** 3**Contact hours:** Lecture: 3 Contact: 3**Levels:** Undergraduate**Schedule types:** Lecture**Department/School:** Microbiology & Mol Gen**MICR 3253 Immunology****Prerequisites:** MICR 2123 and MICR 2132 and MICR 3033 or BIOC 3653 or BIOC 3713.**Description:** Vertebrate host's ability to defend itself against foreign intrusion. Chemistry and biology of the acquired immune response. Course previously offered as MICR 3254 and CLML 3254.**Credit hours:** 3**Contact hours:** Lecture: 3 Contact: 3**Levels:** Undergraduate**Schedule types:** Lecture**Department/School:** Microbiology & Mol Gen

**MICR 3333 Molecular Life Science Writing****Prerequisites:** BIOL 1114 or (BIOL 1113 and BIOL 1111).**Description:** Students will gain hands-on experience in technical writing and critical reading of scientific texts. Students will write three different documents and will critically review similar texts written by other students enrolled in the course. The topics for these manuscripts will be selected by the students, but should be in the general area of the molecular life sciences. Students will receive instructions on how to write, revise, and review these documents.**Credit hours:** 3**Contact hours:** Lecture: 3 Contact: 3**Levels:** Undergraduate**Schedule types:** Lecture**Department/School:** Microbiology & Mol Gen**MICR 3553 Foundations of Cancer****Prerequisites:** Minimum grade of "C" in CHEM 1225 or CHEM 1414 or CHEM 1515.**Description:** Course covers six themes: causes of cancer, cancer genetics, cancer progression/diagnosis, cancer treatments, immuno-oncology, and cancer prevention. Course will illustrate both setbacks and victories in applying the scientific method to biological processes and the evidence for and assumptions made in these approaches will be discussed. Designed for future: medical doctors, cancer researchers, medical engineers; also, for cancer patients/relatives/caregivers, as well as for those interested in knowledge of cancer. Same course as PHYS 3553.

Previously offered as MICR 3233. May not be used for degree credit with MICR 5553, PHYS 5553.

**Credit hours:** 3**Contact hours:** Lecture: 2 Contact: 3 Other: 1**Levels:** Undergraduate**Schedule types:** Discussion, Combined lecture & discussion, Lecture**Department/School:** Microbiology & Mol Gen**MICR 3890 Advanced Honors Experience in Microbiology****Prerequisites:** Honors Program participation and concurrent enrollment in a designated MICR course.**Description:** A supplemental Honors experience in microbiology to partner concurrently with designated upper-division MICR course(s). This course adds a different intellectual dimension to the designated course(s). Offered for fixed credit, 1 credit hour, maximum of 6 credit hours.**Credit hours:** 1**Contact hours:** Lecture: 1 Contact: 1**Levels:** Undergraduate**Schedule types:** Lecture**Department/School:** Microbiology & Mol Gen**General Education and other Course Attributes:** Honors Credit**MICR 4000 Honors in Microbiology****Prerequisites:** Consent of departmental honors committee.**Description:** Supervised study and research in microbiology. Offered for variable credit, 1-4 credit hours, maximum of 4 credit hours.**Credit hours:** 1-4**Contact hours:** Contact: 1-4 Other: 1-4**Levels:** Undergraduate**Schedule types:** Independent Study**Department/School:** Microbiology & Mol Gen**General Education and other Course Attributes:** Honors Credit**MICR 4001 Professional Transitions in Microbiology and Cell and Molecular Biology****Prerequisites:** MICR 2123 or MICR 2132.**Description:** Understanding major areas and employment activities in microbiology, cell biology and molecular biology fields. Evaluating and understanding scientific and professional literature, and making the transition from undergraduate education to postgraduate education or employment.**Credit hours:** 1**Contact hours:** Lecture: 1 Contact: 1**Levels:** Undergraduate**Schedule types:** Lecture**Department/School:** Microbiology & Mol Gen**MICR 4003 Brewing Microbiology (N)****Description:** Brewing Microbiology is about the science behind beer brewing. Students will learn about the microbiology of yeast (including growth, metabolism, aseptic technique and contamination), biology of grain, biochemistry of malted barley, chemistry of water, preservative nature of hops, and the human physiology of taste and smell. There are no prerequisites for this course, although high school or freshman level biology and chemistry is helpful.**Credit hours:** 3**Contact hours:** Lecture: 3 Contact: 3**Levels:** Undergraduate**Schedule types:** Lecture**Department/School:** Microbiology & Mol Gen**General Education and other Course Attributes:** Natural Sciences**MICR 4012 Molecular Microbiology Laboratory I****Prerequisites:** MICR 3033 or MICR 3223.**Description:** Emphasis on good laboratory practices in microbiology and molecular biology; isolation and enumeration of microorganisms; physiological, biochemical, and molecular characterization of aerobic and anaerobic microorganisms. May not be used for degree credit with MICR 5012. Course previously offered as CLML 4012.**Credit hours:** 2**Contact hours:** Lab: 4 Contact: 4**Levels:** Undergraduate**Schedule types:** Lab**Department/School:** Microbiology & Mol Gen**MICR 4013 Microbial Physiology & Ecology****Prerequisites:** Concurrent enrollment or completion of MICR 3223 and minimum grade of "C" in CHEM 3013 or CHEM 3053.**Description:** Fundamentals of microbial physiology, ecology and genetics of microbial populations under various redox conditions. Basics of genomics and proteomics. Microbial origin and evolution. Microbial diversity and function. Population interactions, competition and ecosystem stability. Metabolic activities in natural and managed systems. Modern molecular tools in microbe identification and evolutionary phylogeny. May not be used for degree credit with MICR 5013.**Credit hours:** 3**Contact hours:** Lecture: 3 Contact: 3**Levels:** Undergraduate**Schedule types:** Lecture**Department/School:** Microbiology & Mol Gen

**MICR 4023 Microbiomes in Human Health and the Environment****Prerequisites:** MICR 2123, MICR 2132, and MICR 3033.**Description:** This course covers the changing landscape in the molecular diversity of microbial communities, their interactions with biotic and abiotic entities, and how changes in microbiomes impact the health of living organisms and the environment. The main topics of this course include: microbes and microbial interactions; genomes and metagenomes; microbiome structure and function (alpha and beta diversity, phylogenetic trees); human microbiomes (gut, skin, oral) and their role in health; the microbiomes of soil, water and sediments; and the role of microbiomes in ecosystem function. Environmental microbiome effects on the human microbiome. May not be used for degree credit with MICRO 5023.**Credit hours:** 3**Contact hours:** Lecture: 3 Contact: 3**Levels:** Undergraduate**Schedule types:** Lecture**Department/School:** Microbiology & Mol Gen**MICR 4052 Pathogenic Microbiology Lab****Prerequisites:** MICR 2123 and MICR 2132 with a grade of "C" or better.**Description:** Overview of laboratory approaches and techniques for the study, characterization, and identification of bacteria involved in pathogenesis.**Credit hours:** 2**Contact hours:** Lab: 4 Contact: 4**Levels:** Undergraduate**Schedule types:** Lab**Department/School:** Microbiology & Mol Gen**MICR 4053 Pathogenic Microbiology****Prerequisites:** MICR 2123 and MICR 2132 with a grade of "C" or better.**Description:** Survey of pathogenic bacteria and the diseases they cause as they relate to humans and animals. Morphology, physiology, and pathogenic mechanisms of a specific bacterial pathogens. May not be used for degree credit with MICR 5053. Course previously offered as MICR 4134 and MICR 3134.**Credit hours:** 3**Contact hours:** Lecture: 3 Contact: 3**Levels:** Undergraduate**Schedule types:** Lecture**Department/School:** Microbiology & Mol Gen**MICR 4112 Molecular Microbiology Capstone****Prerequisites:** MICR 4012 with a grade of "C" or better.**Description:** Continuation of MICR 4012. Molecular characterization of prokaryotic and eukaryotic microorganisms utilizing nucleic acids, proteins, cell fractionation, cytology, and antigen-antibody reactions. Same course as MICR 5112.**Credit hours:** 2**Contact hours:** Lab: 4 Contact: 4**Levels:** Undergraduate**Schedule types:** Lab**Department/School:** Microbiology & Mol Gen**MICR 4117 Clinical Microbiology****Prerequisites:** Concurrent internship in affiliated hospital and all degree requirements for BS in microbiology except 30 hours clinical laboratory science.**Description:** The theory and laboratory study of pathogenic bacteria, viruses, rickettsiae, fungi, and parasites. Includes isolation, identification, antimicrobial susceptibility testing, and medical significance. Course previously offered as CLLS 4117 and MTCL 4117.**Credit hours:** 7**Contact hours:** Contact: 14 Other: 14**Levels:** Undergraduate**Schedule types:** Independent Study**Department/School:** Microbiology & Mol Gen**MICR 4123 Virology****Prerequisites:** MICR 2123, MICR 2132, BIOL 3023, CHEM 3015 or CHEM 3053; Co-requisite(s): MICR 3223.**Description:** The properties of macromolecules, from the structure of proteins and nucleic acids to molecular mechanisms of DNA replication and recombination, transcription, protein synthesis, and gene regulation. Gene transfer mechanisms in bacteria and their viruses. Fundamentals of recombinant DNA technology. No credit for students with credit in MICR 5123.**Credit hours:** 3**Contact hours:** Lecture: 3 Contact: 3**Levels:** Undergraduate**Schedule types:** Lecture**Department/School:** Microbiology & Mol Gen**MICR 4125 Clinical Chemistry I****Prerequisites:** Concurrent internship in affiliated hospital and all degree requirements for BS in microbiology except for 30 hours clinical laboratory science.**Description:** The theory and laboratory methodology of analytical biochemistry, clinical microscopy, routine and special procedures, and medical significance. Course previously offered as CLLS 4125 and MTCL 4125.**Credit hours:** 5**Contact hours:** Contact: 10 Other: 10**Levels:** Undergraduate**Schedule types:** Independent Study**Department/School:** Microbiology & Mol Gen**MICR 4153 Emerging Infectious Agents (N)****Description:** Overview of emerging infectious diseases with in-depth analysis of epidemics, pandemics, the epidemiology associated with outbreaks and disease specific control measures.**Credit hours:** 3**Contact hours:** Lecture: 3 Contact: 3**Levels:** Undergraduate**Schedule types:** Lecture**Department/School:** Microbiology & Mol Gen**General Education and other Course Attributes:** Natural Sciences



**MICR 4163 Foundations of Cellular Life**

**Prerequisites:** MICR 3033 or permission from instructor.

**Description:** This class will provide an in-depth introduction into fundamental principles that apply to any microorganism and will provide an intellectual framework to understand all cells. The fundamentals discussed will be illustrated through a combination of classical and recent scientific breakthroughs. It will provide a solid, deep foundation for a successful academic career in microbiology. May not be used for degree credit with MICR 5163.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Microbiology & Mol Gen

**MICR 4203 Bioinformatics**

**Prerequisites:** MICR 3033 or BIOC 3653 or equivalent.

**Description:** Fundamental concepts of biological sequence information and inferential techniques to assign structure, function, and evolutionary relationship among genes and proteins. No prior programming necessary, but familiarity with computers assumed. No credit for students with credit in MICR 5203.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Microbiology & Mol Gen

**MICR 4233 Advanced Cell and Molecular Biology**

**Prerequisites:** MICR 3033 with a grade of "C" or better.

**Description:** Advanced topics in cell and molecular biology including regulatory mechanisms of gene expression, protein function, cell structure and organization, cell division, and development. May not be used for degree credit with MICR 5233. Course previously offered as CLML 4113.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Microbiology & Mol Gen

**MICR 4236 Clinical Hematology**

**Prerequisites:** Concurrent internship in affiliated hospital and all degree requirements for BS in microbiology except for 30 hours of clinical laboratory science.

**Description:** Systematized study of diseases, cell maturation and function, principles of hemostasis; methodology used in routine and special hematology studies; and correlation of hematological findings with physiological conditions. Course previously offered as CLLS 4236 and MTCL 4236.

**Credit hours:** 6

**Contact hours:** Contact: 12 Other: 12

**Levels:** Undergraduate

**Schedule types:** Independent Study

**Department/School:** Microbiology & Mol Gen

**MICR 4246 Clinical Immunology**

**Prerequisites:** Concurrent internship in affiliated hospital and all degree requirements for BS in microbiology except for 30 hours clinical laboratory science.

**Description:** Immunologic responses and procedures used in serological determinations; immunohematology, fundamentals of antigen-antibody reactions, blood groups and types, compatibility testing, blood components, and the lab methods used as they relate to the medical significance of immunology and infectious diseases. Course previously offered as CLLS 4246 and MTCL 4246.

**Credit hours:** 6

**Contact hours:** Contact: 12 Other: 12

**Levels:** Undergraduate

**Schedule types:** Independent Study

**Department/School:** Microbiology & Mol Gen

**MICR 4253 Concepts in Medical Genetics**

**Prerequisites:** BIOL 3023.

**Description:** Application of genetic principles in the study of human diseases, including the inheritance, molecular mechanisms, detection, characterization, and discovery of human genes. No credit for students with credit in MICR 5253. Course previously offered as CLML 4253.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Microbiology & Mol Gen

**MICR 4263 Microbial Genetics: from Genes to Genomes**

**Prerequisites:** MICR 3033 with a grade of "C" or better.

**Description:** Integration of genetics and genomics principles, the basic processes of gene transmission, molecular biology of gene expression and evolutionary genetics by gaining social and historical context in which genetics are developed. Participants are expected to comprehend the dramatic change in our understanding of genetics and the role such information has in our view of disability and disease. May not be used for degree credit with MICR 5263. Course previously offered as CLML 4263 and CLML 4264.

**Credit hours:** 3

**Contact hours:** Lecture: 1 Lab: 4 Contact: 5

**Levels:** Undergraduate

**Schedule types:** Lab, Lecture, Combined lecture and lab

**Department/School:** Microbiology & Mol Gen

**MICR 4323 Cellular Energy Metabolism**

**Prerequisites:** MICR 3033 or BIOC 3653.

**Description:** An exploration of the principals and mechanisms of energy utilization and transformation in animals, plants, and microbial systems. The course covers a range of topics from basic molecular mechanisms to recent advances in understanding energy flow in whole organisms. It includes new insights into the nanomachines involved in cell movement as well current genome-enabled approaches to understanding cellular energy metabolism. May not be used for degree credit with MICR 5323.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Microbiology & Mol Gen



**MICR 4325 Clinical Chemistry II**

**Prerequisites:** Concurrent internship in affiliated hospital and all degree requirements for BS in microbiology except for 30 hours clinical laboratory science.

**Description:** The theory and laboratory methodology of analytical biochemistry, instrumentation, lab mathematics, routine and special procedures and medical significance. Course previously offered as CLLS 4325 and MTCL 4325.

**Credit hours:** 5

**Contact hours:** Contact: 10 Other: 10

**Levels:** Undergraduate

**Schedule types:** Independent Study

**Department/School:** Microbiology & Mol Gen

**MICR 4351 Topics in Clinical Laboratory Science**

**Prerequisites:** Concurrent internship in affiliated hospital and all degree requirements for BS in microbiology except for 30 hours clinical laboratory science.

**Description:** Principles and practices of the medical laboratory including basic management, quality assurance, education methodology, computer applications, laboratory safety, and special projects in selected areas. Course previously offered as CLLS 4351 and MTCL 4351.

**Credit hours:** 1

**Contact hours:** Contact: 1 Other: 1

**Levels:** Undergraduate

**Schedule types:** Independent Study

**Department/School:** Microbiology & Mol Gen

**MICR 4423 Antibiotics and Antibiotic Resistance**

**Prerequisites:** MICR 2123.

**Description:** This course begins with a basic history of antibiotics, including their discovery and industrial development. It covers the major classes of antibiotics, their structures and mechanisms of action, and the mechanisms by which bacteria become resistant to antibiotics. Also covered are industrial and commercial considerations, antibiotic stewardship, current challenges, and future prospects for antibiotic discovery and use. Same course as MICR 5423.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Microbiology & Mol Gen

**MICR 4524 Biological Laboratory Instrumentation**

**Prerequisites:** CHEM 1515 or equivalent and PBIO 1404 or MICR 2123 or BIOL 1604 or equivalents or consent of instructor.

**Description:** Lecture and laboratory course in biological instrumentation use, theory, experimental design, maintenance, and troubleshooting. Topics include liquid handling systems, pH/ISE meters, electrophoresis, microcontrollers, spectrophotometers, centrifuges, chromatography, thermocyclers, and DNA sequencers. May not be used for degree credit with BIOL 5524, MICR 5524, PBIO 5524. Same course as BIOL 4524 and PBIO 4524.

**Credit hours:** 4

**Contact hours:** Lecture: 2 Lab: 4 Contact: 6

**Levels:** Undergraduate

**Schedule types:** Lab, Lecture, Combined lecture and lab

**Department/School:** Microbiology & Mol Gen

**MICR 4531 Chemical Biology**

**Prerequisites:** CHEM 3053, MICR 3112, MICR 3153.

**Description:** Chemistry explains many properties of biological macromolecules and also provides research tools to study these molecules. This course will examine how both of these aspects help explain the molecular processes at the basis of life, and will cover (1) basic knowledge of chemistry needed to understand life, (2) chemical reactions as they occur in the cell, (3) chemical methods that are valuable to research in the life sciences.

**Credit hours:** 1

**Contact hours:** Lecture: 1 Contact: 1

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Microbiology & Mol Gen

**MICR 4543 Microbial Genomics and Bioinformatics**

**Prerequisites:** MICR 2123; MICR 3033 or MICR 3223 or equivalents.

**Description:** Basic approaches and strategies for microbial genome analysis, and hands-on training on the subject. May not be used for degree credit with MICR 5543.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Microbiology & Mol Gen

**MICR 4990 Special Problems**

**Prerequisites:** Consent of instructor.

**Description:** Investigations in the field of microbiology. Offered for variable credit, 1-3 credit hours, maximum of 18 credit hours.

**Credit hours:** 1-3

**Contact hours:** Contact: 1-3 Other: 1-3

**Levels:** Undergraduate

**Schedule types:** Independent Study

**Department/School:** Microbiology & Mol Gen

**MICR 4993 Senior Honors Project**

**Prerequisites:** Departmental invitation, senior standing, Honors Program participation.

**Description:** A research project under the direction of a faculty member resulting in a written report to be judged by a second faculty member as well. Required for graduation with departmental honors in microbiology.

**Credit hours:** 3

**Contact hours:** Contact: 3 Other: 3

**Levels:** Undergraduate

**Schedule types:** Independent Study

**Department/School:** Microbiology & Mol Gen

**General Education and other Course Attributes:** Honors Credit

**MICR 5000 Thesis**

**Prerequisites:** Consent of major professor.

**Description:** A student studying for the M.S. degree enrolls in this course for six hours credit. Offered for variable credit, 2-6 credit hours, maximum of 6 credit hours.

**Credit hours:** 2-6

**Contact hours:** Contact: 2-6 Other: 2-6

**Levels:** Graduate

**Schedule types:** Independent Study

**Department/School:** Microbiology & Mol Gen

**MICR 5002 Professionalism for the Microbiologist**

**Prerequisites:** Microbiology graduate student or permission of instructor.

**Description:** Introduces the microbiology graduate student to the standards of the microbiology professional and to basic skills in communication and data retrieval needed by all microbiologists. It is required of all and limited to MS and PhD students in Microbiology & Molecular Genetics. Course previously offered as MICR 5001.

**Credit hours:** 2

**Contact hours:** Lecture: 2 Contact: 2

**Levels:** Graduate

**Schedule types:** Lecture

**Department/School:** Microbiology & Mol Gen

**MICR 5012 Molecular Microbiology Laboratory I**

**Prerequisites:** MICR 3223, MICR 4233.

**Description:** Emphasis on good laboratory practices in microbiology and molecular biology; isolation and enumeration of microorganisms; physiological, biochemical, and molecular characterization of aerobic and anaerobic microorganisms. Must be taken in conjunction with MICR 5112 the following semester. No credit for students with credit in MICR 4012.

**Credit hours:** 2

**Contact hours:** Lab: 4 Contact: 4

**Levels:** Graduate

**Schedule types:** Lab

**Department/School:** Microbiology & Mol Gen

**MICR 5013 Microbial Physiology and Ecology**

**Prerequisites:** Concurrent enrollment or completion of MICR 3223 and minimum grade of "C" in CHEM 3013 or CHEM 3053.

**Description:** Fundamentals of microbial physiology, ecology and genetics of microbial populations under various redox conditions. Basics of genomics and proteomics. Microbial origin and evolution. Microbial diversity and function. Population interactions, competition and ecosystem stability. Metabolic activities in natural and managed systems. Modern molecular tools in microbe identification and evolutionary phylogeny. May not be used for degree credit with MICR 4013.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Graduate

**Schedule types:** Lecture

**Department/School:** Microbiology & Mol Gen

**MICR 5023 Microbiomes in Human Health and the Environment**

**Description:** This course covers the changing landscape in the molecular diversity of microbial communities, their interactions with biotic and abiotic entities, and how changes in microbiomes impact the health of living organisms and the environment. The main topics of this course include: microbes and microbial interactions; genomes and metagenomes; microbiome structure and function (alpha and beta diversity, phylogenetic trees); human microbiomes (gut, skin, oral) and their role in health; the microbiomes of soil, water, and sediments; and the role of microbiomes in ecosystem function. Environmental microbiome effects on the human microbiome. May not be used for degree credit with MICR 4023.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Graduate

**Schedule types:** Lecture

**Department/School:** Microbiology & Mol Gen

**MICR 5052 Techniques In Molecular Biolog**

**Prerequisites:** Graduate student and permission of instructor.

**Description:** Provides the basic skills for scientific thinking and analysis in molecular microbiological research.

**Credit hours:** 2

**Contact hours:** Lecture: 1 Lab: 2 Contact: 3

**Levels:** Graduate

**Schedule types:** Lab, Lecture, Combined lecture and lab

**Department/School:** Microbiology & Mol Gen

**MICR 5053 Pathogenic Microbiology**

**Prerequisites:** MICR 2123 and MICR 2132. Co-requisite(s): MICR 3223.

**Description:** Survey of pathogenic bacteria and the diseases they cause as they relate to humans and animals. Morphology, physiology, and pathogenic mechanisms of specific bacterial pathogens. May not be used for degree credit with MICR 4053. Course previously offered as MICR 5134.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Graduate

**Schedule types:** Lecture

**Department/School:** Microbiology & Mol Gen

**MICR 5112 Molecular Microbiology Capstone**

**Prerequisites:** MICR 5012.

**Description:** Continuation of MICR 5012. Molecular characterization of prokaryotic and eukaryotic microorganisms utilizing nucleic acids, proteins, cell fractionation, cytology, and antigen-antibody reactions. No credit for students with credit in MICR 4112.

**Credit hours:** 2

**Contact hours:** Lab: 4 Contact: 4

**Levels:** Graduate

**Schedule types:** Lab

**Department/School:** Microbiology & Mol Gen

**MICR 5113 Advanced Immunology**

**Description:** Advanced studies with emphasis on the regulation of vertebrate immune responses.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Graduate

**Schedule types:** Lecture

**Department/School:** Microbiology & Mol Gen

**MICR 5123 Virology**

**Prerequisites:** MICR 3033 or BIOC 3653, BIOL 3023. Co-requisite(s): MICR 3223.

**Description:** Virus-host interactions including structure-function of animal, plant, and bacterial viruses. Discussion of the molecular biology of virus infection and development. No credit for students with credit in MICR 4123.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Graduate

**Schedule types:** Lecture

**Department/School:** Microbiology & Mol Gen

**MICR 5142 Techniques in Molecular Biology****Prerequisites:** Consent of instructor.**Description:** Comprehensive laboratory course in research techniques involving classical genetics and molecular biology. Course previously offered as MICR 4142.**Credit hours:** 2**Contact hours:** Lab: 4 Contact: 4**Levels:** Graduate**Schedule types:** Lab**Department/School:** Microbiology & Mol Gen**MICR 5153 Emerging Infectious Agents****Prerequisites:** MICR 4123 or MICR 4134 or consent of instructor.**Description:** An in-depth discussion of the importance of emerging infectious agents, the molecular basis for their emergence, and the broad spectrum of host-microbe interactions favoring the evolution of new infectious agents.**Credit hours:** 3**Contact hours:** Lecture: 3 Contact: 3**Levels:** Graduate**Schedule types:** Lecture**Department/School:** Microbiology & Mol Gen**MICR 5160 Seminar****Prerequisites:** Consent of instructor.**Description:** Required of and limited to all MS and PhD students majoring in microbiology, cell and molecular biology. Offered for fixed credit, 1 credit hour, maximum of 2 credit hours.**Credit hours:** 1**Contact hours:** Contact: 1 Other: 1**Levels:** Graduate**Schedule types:** Independent Study**Department/School:** Microbiology & Mol Gen**MICR 5163 Foundations of Cellular Life****Prerequisites:** OSU graduate student or permission of instructor.**Description:** This class will provide an in-depth introduction into fundamental principles that apply to any microorganism and will provide an intellectual framework to understand all cells. The fundamentals discussed will be illustrated through a combination of classical and recent scientific breakthroughs. It will provide a solid, deep foundation for a successful academic career in microbiology. Previously offered as MICR 6163. May not be used for degree credit with MICR 4163.**Credit hours:** 3**Contact hours:** Lecture: 3 Contact: 3**Levels:** Graduate**Schedule types:** Lecture**Department/School:** Microbiology & Mol Gen**MICR 5203 Bioinformatics****Prerequisites:** MICR 3033 or BIOC 3653 or equivalent.**Description:** Fundamental concepts of biological sequence information and inferential techniques to assign structure, function, and evolutionary relationship among genes and proteins. No prior programming necessary, but familiarity with computer desktop assumed. No credit for students with credit in MICR 4203. Course previously offered as CLML 5203.**Credit hours:** 3**Contact hours:** Lecture: 3 Contact: 3**Levels:** Graduate**Schedule types:** Lecture**Department/School:** Microbiology & Mol Gen**MICR 5233 Advanced Cell and Molecular Biology****Prerequisites:** MICR 3033.**Description:** Advanced topics in cell and molecular biology including regulatory mechanisms of gene expression, protein function, cell structure and organization, cell division, and development. No credit for students with credit in MICR 4233.**Credit hours:** 3**Contact hours:** Lecture: 3 Contact: 3**Levels:** Graduate**Schedule types:** Lecture**Department/School:** Microbiology & Mol Gen**MICR 5253 Concepts in Medical Genetics****Prerequisites:** BIOL 3023.**Description:** Application of genetic principles in the study of human diseases, including the inheritance, molecular mechanisms, detection, characterization, and discovery of human genes. No credit for students with credit in MICR 4253.**Credit hours:** 3**Contact hours:** Lecture: 3 Contact: 3**Levels:** Graduate**Schedule types:** Lecture**Department/School:** Microbiology & Mol Gen**MICR 5263 Microbial Genetics: from Genes to Genomes****Description:** Integration of genetics and genomics principles, the basic processes of gene transmission, molecular biology of gene expression and evolutionary genetics by gaining social and historical context in which genetics are developed. Participants are expected to comprehend the dramatic change in our understanding of genetics and the role such information has in our view of disability and disease. May not be used for degree credit with MICR 4263.**Credit hours:** 3**Contact hours:** Lecture: 1 Lab: 4 Contact: 5**Levels:** Graduate**Schedule types:** Lab, Lecture, Combined lecture and lab**Department/School:** Microbiology & Mol Gen**MICR 5273 Advanced Principles of Microbial Pathogenesis****Description:** Advanced study of the pathogenic mechanisms used by microbial pathogens to cause disease. Principles of pathogen and pathogen-host interactions that lead to disease pathology.**Credit hours:** 3**Contact hours:** Lecture: 3 Contact: 3**Levels:** Graduate**Schedule types:** Lecture**Department/School:** Microbiology & Mol Gen**MICR 5323 Cellular Energy Metabolism****Prerequisites:** MICR 3033 or BIOC 3653.**Description:** An exploration of the principals and mechanisms of energy utilization and transformation in animals, plants, and microbial systems. The course covers a range of topics from basic molecular mechanisms to recent advances in understanding energy flow in whole organisms. It includes new insights into the nanomachines involved in cell movement as well current genome-enabled approaches to understanding cellular energy metabolism. May not be used for degree credit with MICR 4323.**Credit hours:** 3**Contact hours:** Lecture: 3 Contact: 3**Levels:** Graduate**Schedule types:** Lecture**Department/School:** Microbiology & Mol Gen

**MICR 5333 Controversies in Vaccinology****Prerequisites:** OSU graduate student status or permission of instructor.**Description:** Public misconceptions about science abound, however, these misconceptions have a major impact on perception of research and public policy. Examples of themes in science as portrayed, for example, in film will be explored and critically discussed. Ways to improve communication between the scientist and the general public will be evaluated.**Credit hours:** 3**Contact hours:** Lecture: 3 Contact: 3**Levels:** Graduate**Schedule types:** Lecture**Department/School:** Microbiology & Mol Gen**MICR 5423 Antibiotics and Antibiotic Resistance****Description:** This course begins with a basic history of antibiotics, including their discovery and industrial development. It covers the major classes of antibiotics, their structures and mechanisms of action, and the mechanisms by which bacteria become resistant to antibiotics. Also covered are industrial and commercial considerations, antibiotic stewardship, current challenges, and future prospects for antibiotic discovery and use. Same course as MICR 4423.**Credit hours:** 3**Contact hours:** Lecture: 3 Contact: 3**Levels:** Graduate**Schedule types:** Lecture**Department/School:** Microbiology & Mol Gen**MICR 5513 Grant Proposal Preparation****Prerequisites:** Admission into Microbiology graduate program. Formats, strategies, and styles of research grant proposal writing.**Description:** Activities include hypothesis development and critical evaluation of research proposals.**Credit hours:** 3**Contact hours:** Lecture: 2 Contact: 3 Other: 1**Levels:** Graduate**Schedule types:** Discussion, Combined lecture & discussion, Lecture**Department/School:** Microbiology & Mol Gen**MICR 5524 Biological Laboratory Instrumentation****Prerequisites:** CHEM 1515 or equivalent and PBIO 1404 or MICR 2123 or BIOL 1604 or equivalents or consent of instructor.**Description:** Lecture and laboratory course in biological instrumentation use, theory, experimental design, maintenance, and troubleshooting. Topics include liquid handling systems, pH/ISE meters, electrophoresis, spectrophotometers, centrifuges, chromatography, thermocyclers, and DNA sequencers. May not be used for degree credit with BIOL 4524; MICR 4524; PBIO 4524. Previously offered as BIOL 5524; PBIO 5524.**Credit hours:** 4**Contact hours:** Lecture: 2 Lab: 4 Contact: 6**Levels:** Graduate**Schedule types:** Lab, Lecture, Combined lecture and lab**Department/School:** Microbiology & Mol Gen**MICR 5543 Microbial Genomics and Bioinformatics****Prerequisites:** MICR 2123; MICR 3033 or MICR 3223 or equivalents.**Description:** Basic approaches and strategies for microbial genome analysis, and hands-on training on the subject. Graduate students enrolled in the class are expected to give a comprehensive presentation on the genomic analysis done throughout the semester. The presentation should be a manuscript format with a brief Introduction, Materials and Methods, Results, and Discussion. A comprehensive use of all principals covered in class is expected and will be used for evaluation. Credit will also be given to handling questions and presentation skills. May not be used for degree credit with MICR 4543.**Credit hours:** 3**Contact hours:** Lecture: 3 Contact: 3**Levels:** Graduate**Schedule types:** Lecture**Department/School:** Microbiology & Mol Gen**MICR 5553 Foundations of Cancer****Credit hours:** 3**Contact hours:** Lecture: 2 Contact: 3 Other: 1**Levels:** Graduate**Schedule types:** Discussion, Combined lecture & discussion, Lecture**Department/School:** Microbiology & Mol Gen**MICR 5990 Special Problems****Prerequisites:** Permission of instructor.**Description:** Investigations in the field of Microbiology. Offered for variable credit, 1-4 credit hours, maximum of 10 credit hours.**Credit hours:** 1-4**Contact hours:** Contact: 1-4 Other: 1-4**Levels:** Graduate**Schedule types:** Independent Study**Department/School:** Microbiology & Mol Gen**MICR 6000 Dissertation****Prerequisites:** Consent of major adviser.**Description:** Research in microbiology for the PhD degree. Offered for variable credit, 1-15 credit hours, maximum of 45 credit hours.**Credit hours:** 1-15**Contact hours:** Contact: 1-15 Other: 1-15**Levels:** Graduate**Schedule types:** Independent Study**Department/School:** Microbiology & Mol Gen**MICR 6112 Molecular Biology of Bacterial Viruses****Prerequisites:** MICR 4123 and MICR 4133.**Description:** Advanced study of bacteriophages. Course previously offered as MICR 6113.**Credit hours:** 2**Contact hours:** Lecture: 3 Contact: 3**Levels:** Graduate**Schedule types:** Lecture**Department/School:** Microbiology & Mol Gen**MICR 6120 Recent Advances in Microbiology****Prerequisites:** One graduate course in biochemistry.**Description:** Discussion and evaluation of recent scientific contributions in terms of the living organism. Offered for fixed credit, 1 credit hour, maximum of 6 credit hours.**Credit hours:** 1**Contact hours:** Contact: 1 Other: 1**Levels:** Graduate**Schedule types:** Independent Study**Department/School:** Microbiology & Mol Gen



**MICR 6133 Cellular Microbiology**

**Prerequisites:** A strong undergraduate level background in microbiology, biochemistry or cell biology is expected.

**Description:** The molecular interactions between intracellular parasites and their host cells will be explored, emphasizing the manipulation of normal cellular processes to the benefit of the parasite. The course will involve critical reading of the current literature and development of an understanding of molecular microbe and cell biology research techniques.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Graduate

**Schedule types:** Lecture

**Department/School:** Microbiology & Mol Gen

**MICR 6143 Advanced Microbial Physiology**

**Prerequisites:** MICR 3223 or consent of instructor.

**Description:** Discussion of selected topics in microbial physiology. Critical analysis of research papers.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Graduate

**Schedule types:** Lecture

**Department/School:** Microbiology & Mol Gen

**MICR 6153 Molecular Microbial Genetics**

**Description:** Examine modern and classical genetic techniques to understand the underlying principles of molecular genetics using original literature.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Graduate

**Schedule types:** Lecture

**Department/School:** Microbiology & Mol Gen

**MICR 6223 Molecular Environmental Microbiology and Ecology**

**Prerequisites:** MICR 3223 or consent of instructor.

**Description:** This course focuses on fundamental and applied aspects of microbial ecology, physiology and genomics. The course aims to highlight the value of microbes in applied disciplines such as medicine, agriculture, and biotechnology. Recent advances in methodologies and approaches for examining the phylogenetic and metabolic diversity of microorganisms in various ecosystems, as well as tools for understanding microbial community composition and identification of rare members of microbial community will be highlighted.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Graduate

**Schedule types:** Lecture

**Department/School:** Microbiology & Mol Gen

**MICR 6253 Microbial Evolution**

**Prerequisites:** MICR 2123, MICR 2132, BIOC 3653, BIOL 3023.

**Description:** The mechanisms and results of microbial evolution in nature and in the laboratory, with emphasis on microbes as model evolutionary systems, molecular evolution, classification and phylogeny, and discussion of protobiology and the probable fate of engineered microbes.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Graduate

**Schedule types:** Lecture

**Department/School:** Microbiology & Mol Gen

**MICR 6323 Cell Signaling**

**Prerequisites:** A strong undergraduate level background in microbiology, biochemistry, or cell biology is expected.

**Description:** Discussion of current literature on the mechanisms of prokaryotic and eukaryotic signal transduction and gene regulation.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Graduate

**Schedule types:** Lecture

**Department/School:** Microbiology & Mol Gen

## Undergraduate Programs

- Microbiology/Cell & Molecular Biology, BS (p. 1502)
- Microbiology/Cell & Molecular Biology: Medical Laboratory Science, BS (p. 1505)
- Microbiology/Cell & Molecular Biology: Pre-Medical Professional, BS (p. 1508)

## Graduate Programs

The department offers graduate studies leading to the MS and PhD degrees in various areas of concentration, including microbial physiology, microbial genetics, microbial ecology, microbial pathogenesis, immunology, cell biology and the human microbiome.

## Prerequisites

Applicants for admission must have received the baccalaureate degree from an accredited university or college and must have completed a minimum of 30 semester credit hours in the biological and physical sciences. The Aptitude Test portion of the Graduate Record Examination is required of all applicants. A majority of the departmental graduate faculty must approve applicants.

## The Master of Science Degree

In addition to the general requirements for the degree, the following departmental requirements must be met in attaining 30 credit hours with thesis. The plan of study must include six thesis hours and one credit hour microbiology seminar for the traditional degree. An accelerated MS degree is available that is largely coursework and literature based, which allows completion of the degree in as little as 12 months. Literature research includes at least six credit hours in independent study.

Candidates for the MS degree are expected to attend and participate in all departmental seminars. A final oral examination covering the thesis (or literature research for the accelerated program) is administered by the advisory committee following a public presentation of the candidate's research.

## The Doctor of Philosophy Degree

The study plan of a student entering the program with a bachelor's degree must include 30 credit hours in the biological and physical sciences.

Those entering with a master's degree must include 15 hours in courses other than dissertation credits which were not included in the master's study plan. Three hours of microbiology seminar must be included.

Candidates for the PhD are expected to attend and participate in all departmental seminars. Candidates for the PhD degree must pass both a written and an oral qualifying examination. The final examination covering the dissertation research is given promptly after the candidate has given a public seminar on his/her research work.

## Minors

- Microbiology (MICR), Minor (p. 1501)

## Faculty

Tyrrell Conway, PhD—Regents Professor and Department Head

**Professors:** Robert L. Burnap, PhD (Regents Professor and Vennerberg Chair in Bioinformatics); Mostafa S. Elshahed, PhD; Babu Z. Fathepure, PhD; Jeffrey A. Hadwiger, PhD; Wouter D. Hoff, PhD; Rolf A. Prade, PhD; Marianna A. Patrauchan, PhD

**Associate Professors:** Erika Lutter, PhD; Noha Youssef, PhD

**Assistant Professors:** Matt Cabeen, PhD; Randy Morgenstein, PhD; Karen Wozniak, PhD; Avi Mitra, PhD; Sabrina Beckmann, PhD



## Microbiology (MICR), Minor

**Requirements for Students Matriculating in or before Academic Year 2022-2023.** Learn more about University Academic Regulation 3.1 (p. 943).

**Tyler George**, 309 LSE, 405-744-5565

**Minimum Grade Point Average in Minor Coursework:** 2.00 with no grade below "C."

**Total Hours:** 15

Code	Title	Hours
<b>Minor Requirements</b>		
MICR 2123	Introduction to Microbiology	3
MICR 2132	Introduction to Microbiology Laboratory	2
Select 10 additional hours upper-division microbiology courses		10
<b>Total Hours</b>		<b>15</b>

## Additional OSU Requirements

### Undergraduate Minors

- An undergraduate minor must include between fifteen and thirty hours, inclusive of undergraduate coursework.
- A minimum of six credit hours for the minor must be earned in residence at OSU.
- The courses required for a minor may be included in the course requirements for any undergraduate degree or they may be in addition to degree requirements, depending on the overlap between the minor and degree requirements. However, an undergraduate minor must be earned in an academic field other than the student's declared degree option. The minor may not duplicate the degree major or option (for example, a student who earns a BA in Art with an Art History option may earn a minor in Studio Art but not Art History).
- A student generally follows the minor requirements associated with his or her matriculation year or newer requirements that have been established since matriculation. The time limit for following requirements from a given academic year is six years.

For additional information on requirements on minors, click here (<https://adminfinance.okstate.edu/site-files/documents/policies/requirements-for-undergraduate-and-graduate-minors.pdf>).

# Microbiology/Cell & Molecular Biology, BS

## Degree Requirements

**Requirements for Students Matriculating in or before Academic Year 2022-2023.** Learn more about University Academic Regulation 3.1 (p. 943).

**Minimum Overall Grade Point Average: 2.00**

**Total Hours: 120**

Code	Title	Hours
<b>General Education Requirements</b>		
<i>English Composition</i>		
See Academic Regulation 3.5 (p. 944)		
ENGL 1113	Composition I	3
or ENGL 1313	Critical Analysis and Writing I	
Select one of the following:		3
ENGL 1213	Composition II	
ENGL 1413	Critical Analysis and Writing II	
ENGL 3323	Technical Writing	
<i>American History &amp; Government</i>		
HIST 1103	Survey of American History	3
or HIST 1483	American History to 1865 (H)	
or HIST 1493	American History Since 1865 (DH)	
POLS 1113	American Government	3
<i>Analytical &amp; Quantitative Thought (A)</i>		
MATH 1513	College Algebra (A) (or higher) <sup>1</sup>	3
<i>Humanities (H)</i>		
Courses designated (H)		6
<i>Natural Sciences (N)</i>		
Must include one Laboratory Science (L) course		
BIOL 1113	Introductory Biology (N)	4
& BIOL 1111	and Introductory Biology Laboratory (LN) <sup>1</sup>	
or BIOL 1114	Introductory Biology (LN)	
PHYS 1114	College Physics I (LN) <sup>1</sup>	4
<i>Social &amp; Behavioral Sciences (S)</i>		
Course designated (S)		3
<i>Additional General Education</i>		
Courses designated (A), (H), (N), or (S)		8
<b>Hours Subtotal</b>		<b>40</b>
<b>Diversity (D) &amp; International Dimension (I)</b>		
May be completed in any part of the degree plan		
Select at least one Diversity (D) course		
Select at least one International Dimension (I) course		
<b>College/Departmental Requirements</b>		
<i>First Year Seminar</i>		
(Transfer students with 15 hours exempt)		1
<i>Arts &amp; Humanities</i>		
See note 2.a.		
		3
<i>Natural &amp; Mathematical Sciences</i>		
CHEM 1314	Chemistry I (LN)	9
& CHEM 1515	and Chemistry II (LN)	

### Foreign Language

See note 3

0-6 hours

### Upper-Division General Education

Select 6 hours outside major department

See note 2.c.

**Hours Subtotal** **13**

### Major Requirements <sup>2</sup>

A minimum grade of "C" in each course

BIOC 3653 Survey of Biochemistry (or) 3

BIOC 3713 Biochemistry I  
& BIOC 3813 and Biochemistry II

BIOL 3023 General Genetics 3  
or ANSI 3423 Animal Genetics

PBIO 1404 Plant Biology (LN) 4  
or BIOL 1604 Animal Biology

Select one of the following: 5

CHEM 3013 Survey of Organic Chemistry  
& CHEM 3012 and Survey of Organic Chemistry  
Laboratory

CHEM 3053 Organic Chemistry I  
& CHEM 3112 and Organic Chemistry Laboratory  
& CHEM 3153 and Organic Chemistry II

MICR 2123 Introduction to Microbiology 3

MICR 2132 Introduction to Microbiology Laboratory 2

MICR 3033 Cell and Molecular Biology 3

MICR 3223 Advanced Microbiology 3

MICR 3253 Immunology 3

MICR 4001 Professional Transitions in Microbiology  
and Cell and Molecular Biology 1

MICR 4012 Molecular Microbiology Laboratory I 2

MICR 4112 Molecular Microbiology Capstone 2

MICR 4233 Advanced Cell and Molecular Biology 3

MICR 4253 Concepts in Medical Genetics 3  
or MICR 4263 Microbial Genetics: from Genes to Genomes

Select 10 hours upper-division MICR (except MICR 3103) 10

**Hours Subtotal** **50**

### Electives <sup>2</sup>

Select 17 hours 17

May need to include 6 hours of a foreign language (see note 3)

May need to include 6 hours upper-division general education  
outside major department (see note 2.c.)

**Hours Subtotal** **17**

**Total Hours** **120**

1

College and Departmental Requirements that may be used to meet  
General Education Requirements.

2

With approval from the advisor and department head, a maximum of 30  
hours from an accredited doctoral health program may be substituted for  
major requirements.

Additional courses may be required for professional and/or graduate degrees.

## Other Requirements

- See the College of Arts and Sciences Requirements.
- **Upper-Division Credit:** Total hours must include at least 40 hours in courses numbered 3000 or above.
- **Hours in One Department:** For B.A. and B.S. degrees, no more than 54 hours in one department may be applied to degree requirements.

## College of Arts and Sciences Requirements

### 1. General Education Requirements

No more than two courses (or eight hours) from the major department (<http://catalog.okstate.edu/college-arts-sciences-major-departments/>) may be used to meet General Education and College and Departmental Requirements. The General Education required English Composition, required U.S. History, required American Government, one required MATH or STAT course, and required foreign language for B.A. degrees do not count against the two-course maximum.

### 2. A&S College/Departmental Requirements

- Arts and Humanities are defined as any course carrying an (H) designation or courses from AMST, ART, DANC, ENGL (except ENGL 3323 Technical Writing) HIST, MUSI, PHIL (except PHIL 1313 Logic and Critical Thinking (A), PHIL 3003 Symbolic Logic (A) and PHIL 4003 Mathematical Logic and Computability), REL, TH, and foreign languages.
- Natural and Mathematical Sciences are defined as any course from the following prefixes: ASTR, BIOC, BIOL, CHEM, CS (except CS 4883 Social Issues in Computing), GEOL, MATH, MICR, PBIO, PHYS, and STAT; or courses from other departments that carry an (A) or (N) general education designation.
- The required six hours of upper-division General Education may not include courses from the student's major department. This requirement may be satisfied by courses also used to satisfy any part of a student's degree program (i.e., in General Education, College Departmental Requirements, Major Requirements or Electives).
- Non-Western Studies Requirement for B.A. and B.F.A.; One 3-hour course in Non-Western Studies (N.W.). This requirement may be satisfied by courses also used to satisfy any part of a student's degree program (i.e., in General Education, College Departmental Requirements, Major Requirements or Electives).
- The College of Arts & Sciences requires a minimum 2.0 GPA in all major requirements and a minimum 2.0 GPA in all major-prefix courses applied to the degree.

### 3. Foreign Language Proficiency

- The foreign language requirement for the B.A. may be satisfied by 9 hours college credit in the same language, which must include 3 hours at the 2000-level, or equivalent proficiency (e.g., passing an advanced standing examination; TOEFL exam; presenting a high school transcript which demonstrates the high school was primarily conducted in a language other than English; etc.). Computer Science courses may not be used to satisfy this requirement. Currently Arabic and Mvskoke are not offered at the 2000-level at OSU.
- The foreign language requirement for the B.S., B.M. and B.F.A. may be satisfied by presenting a high school transcript which

demonstrates two years of study of a single foreign language (passing grades at second-year level of study). It may also be satisfied by 6 hours college credit in the same language, which must include language courses 1713 and 1813, or equivalent proficiency (e.g., passing an advanced standing examination; TOEFL exam; presenting a high school transcript which demonstrates the high school was primarily conducted in a language other than English; etc.). Computer Science courses may not be used to satisfy this requirement.

- In addition to a. and b., students pursuing teacher certification must meet novice-high foreign language proficiency by presenting a high school transcript which demonstrates two years of study of a single foreign language with no grade below B. Or, students may complete 3 hours college credit in a single language with no grade below C (or pass an advanced standing examination, College Level Examination Program (CLEP) exam, or Oral Proficiency Interview developed by the American Council on the Teaching of Foreign Languages, equivalent to 3 hours of college credit.) Or, students may meet the requirement by transfer of documentation of meeting the foreign language competency from one of the teacher education programs in the State of Oklahoma approved by the Oklahoma State Regents for Higher Education.

### 4. Exclusions

- Courses used to satisfy the General Education English Composition, U.S. History, American Government, and Mathematics or Statistics requirements will not count toward the 54-hour maximum allowed from one department.
- Courses with ATHL or LEIS prefixes and leisure activity courses may not be used for degree credit.

## Additional State/OSU Requirements

- At least: 60 hours at a four-year institution; 30 hours completed at OSU; 15 of the final 30 or 50% of the upper-division hours in the major field completed at OSU.
- Limit of: one-half of major course requirements as transfer work; one-fourth of hours earned by correspondence; 8 transfer correspondence hours.
- Students will be held responsible for degree requirements in effect at the time of matriculation and any changes that are made, so long as these changes do not result in semester credit hours being added or do not delay graduation.
- Degrees that follow this plan must be completed by the end of Summer 2028.

## Example Plan of Study

### Finish in Four Plan of Study

The plan below is an example of how students can successfully complete degree requirements in four years. This suggested class schedule plan may be used as a guide and can be adjusted based on individual needs. Students are required to meet with an academic advisor prior to enrollment each semester to plan their class schedule, and students are ultimately responsible for completing all degree requirements.

Course	Title	Hours
<b>Freshman</b>		
<b>Fall</b>		
MATH 1513	College Algebra (A)	3

1504 Microbiology/Cell & Molecular Biology, BS

BIOL 1113 & BIOL 1111 or BIOL 1114	Introductory Biology (N) or Introductory Biology (LN)	4
MICR 1211	First Year Microbiology Laboratory Experience	1
General Education courses		7
<b>Hours</b>		<b>15</b>
<b>Spring</b>		
CHEM 1314	Chemistry I (LN)	4
BIOL 1604 or P BIO 1404	Animal Biology or Plant Biology (LN)	4
General Education courses		7
<b>Hours</b>		<b>15</b>
<b>Sophomore</b>		
<b>Fall</b>		
CHEM 1515	Chemistry II (LN)	5
MICR 2123	Introduction to Microbiology	3
MICR 2132	Introduction to Microbiology Laboratory	2
General Education courses		5
<b>Hours</b>		<b>15</b>
<b>Spring</b>		
CHEM 3013 or CHEM 3053	Survey of Organic Chemistry or Organic Chemistry I	3
CHEM 3012	Survey of Organic Chemistry Laboratory (If taking CHEM 3013)	2
MICR 3033	Cell and Molecular Biology	3
MICR 4001	Professional Transitions in Microbiology and Cell and Molecular Biology	1
General Education courses		6
<b>Hours</b>		<b>15</b>
<b>Junior</b>		
<b>Fall</b>		
BIOL 3023 or ANSI 3423	General Genetics or Animal Genetics	3
MICR 3223	Advanced Microbiology	3
CHEM 3153 or BIOC 3653	Organic Chemistry II or Survey of Biochemistry	3
MICR 4012	Molecular Microbiology Laboratory I (Fall only)	2
College and Elective courses		4
<b>Hours</b>		<b>15</b>
<b>Spring</b>		
BIOC 3653 or BIOC 3713	Survey of Biochemistry or Biochemistry I	3
PHYS 1114	College Physics I (LN)	4
MICR 3253	Immunology (Spring only)	3
Upper-division MICR course or CHEM 3112		2
College and Elective courses		3
<b>Hours</b>		<b>15</b>
<b>Senior</b>		
<b>Fall</b>		
Upper-Division MICR course or BIOC 3813		3
MICR 4253	Concepts in Medical Genetics (Fall only)	3
Upper-division MICR course		5
College and Elective courses		4
<b>Hours</b>		<b>15</b>
<b>Spring</b>		
MICR 4112	Molecular Microbiology Capstone	2
MICR 4233	Advanced Cell and Molecular Biology	3
College and Elective courses		10
<b>Hours</b>		<b>15</b>
<b>Total Hours</b>		<b>120</b>

1

Speak with academic advisor about saving General Education electives and Humanities (H) for Upper-division courses with International (I) and Diversity (D) dimensions.

# Microbiology/Cell & Molecular Biology: Medical Laboratory Science, BS

## Degree Requirements

Requirements for Students Matriculating in or before Academic Year 2022-2023. Learn more about University Academic Regulation 3.1 (p. 943).

Minimum Overall Grade Point Average: 2.00

Total Hours: 120

Code	Title	Hours
<b>General Education Requirements</b>		
<i>English Composition</i>		
See Academic Regulation 3.5 (p. 944)		
ENGL 1113	Composition I	3
or ENGL 1313	Critical Analysis and Writing I	
Select one of the following:		3
ENGL 1213	Composition II	
ENGL 1413	Critical Analysis and Writing II	
ENGL 3323	Technical Writing	
<i>American History &amp; Government</i>		
HIST 1103	Survey of American History	3
or HIST 1483	American History to 1865 (H)	
or HIST 1493	American History Since 1865 (DH)	
POLS 1113	American Government	3
<i>Analytical &amp; Quantitative Thought (A)</i>		
MATH 1513	College Algebra (A) (or higher)	3
<i>Humanities (H)</i>		
Courses designated (H)		6
<i>Natural Sciences (N)</i>		
Must include one Laboratory Science (L) course		
BIOL 1113	Introductory Biology (N)	4
& BIOL 1111	and Introductory Biology Laboratory (LN)	
or BIOL 1114	Introductory Biology (LN)	
PHYS 1114	College Physics I (LN)	4
<i>Social &amp; Behavioral Sciences (S)</i>		
Course designated (S)		3
<i>Additional General Education</i>		
Courses designated (A), (H), (N), or (S)		8
<b>Hours Subtotal</b>		<b>40</b>
<b>Diversity (D) &amp; International Dimension (I)</b>		
May be completed in any part of the degree plan		
Select at least one Diversity (D) course		
Select at least one International Dimension (I) course		
<b>College/Departmental Requirements</b>		
<i>First Year Seminar</i>		
(Transfer students with 15 hours exempt)		1
<i>Arts &amp; Humanities</i>		
See note 2.a.		3
<i>Natural &amp; Mathematical Sciences</i>		

CHEM 1314 & CHEM 1515	Chemistry I (LN) and Chemistry II (LN)	9
<i>Foreign Language</i>		
See note 3		
0-6 hours		
<i>Upper-Division General Education</i>		
Select 6 hours outside major department		
See note 2.c.		
<b>Hours Subtotal</b>		<b>13</b>
<b>Major Requirements</b>		
A minimum grade of "C" in each course		
BIOC 3653	Survey of Biochemistry (or)	3
BIOC 3713 & BIOC 3813	Biochemistry I and Biochemistry II	
BIOL 3023	General Genetics	3
or ANSI 3423	Animal Genetics	
PBIO 1404	Plant Biology (LN)	4
or BIOL 1604	Animal Biology	
Select one of the following:		5
CHEM 3013 & CHEM 3012	Survey of Organic Chemistry and Survey of Organic Chemistry Laboratory	
CHEM 3053 & CHEM 3112 & CHEM 3153	Organic Chemistry I and Organic Chemistry Laboratory and Organic Chemistry II	
MICR 2123	Introduction to Microbiology	3
MICR 2132	Introduction to Microbiology Laboratory	2
MICR 3253	Immunology	3
MICR 4001	Professional Transitions in Microbiology and Cell and Molecular Biology	1
BIOL 3204	Physiology	4
Complete Internship (p. 1505)		30
<b>Hours Subtotal</b>		<b>58</b>
<b>Electives</b>		
Select 9 hours		9
May need to include 6 hours of a foreign language. (see note 3)		
May need to include 6 hours upper-division general education outside major department (see note 2.c.)		
<b>Hours Subtotal</b>		<b>9</b>
<b>Total Hours</b>		<b>120</b>

## Internship

Course	Title	Hours
<b>First Year</b>		
<b>Fall</b>		
MICR 4117	Clinical Microbiology	7
MICR 4125	Clinical Chemistry I	5
<b>Hours</b>		<b>12</b>
<b>Spring</b>		
MICR 4236	Clinical Hematology	6
MICR 4246	Clinical Immunology	6
<b>Hours</b>		<b>12</b>
<b>Summer</b>		
MICR 4325	Clinical Chemistry II	5

MICR 4351	Topics in Clinical Laboratory Science	1
	Hours	6
	Total Hours	30

## Other Requirements

- See the College of Arts and Sciences Requirements.
- **Upper-Division Credit:** Total hours must include at least 40 hours in courses numbered 3000 or above.
- **Hours in One Department:** For B.A. and B.S. degrees, no more than 54 hours in one department may be applied to degree requirements.

## College of Arts and Sciences Requirements

### 1. General Education Requirements

No more than two courses (or eight hours) from the major department (<http://catalog.okstate.edu/college-arts-sciences-major-departments/>) may be used to meet General Education and College and Departmental Requirements. The General Education required English Composition, required U.S. History, required American Government, one required MATH or STAT course, and required foreign language for B.A. degrees do not count against the two-course maximum.

### 2. A&S College/Departmental Requirements

- Arts and Humanities are defined as any course carrying an (H) designation or courses from AMST, ART, DANC, ENGL (except ENGL 3323 Technical Writing) HIST, MUSI, PHIL (except PHIL 1313 Logic and Critical Thinking (A), PHIL 3003 Symbolic Logic (A) and PHIL 4003 Mathematical Logic and Computability), REL, TH, and foreign languages.
- Natural and Mathematical Sciences are defined as any course from the following prefixes: ASTR, BIOC, BIOL, CHEM, CS (except CS 4883 Social Issues in Computing), GEOL, MATH, MICR, PBIO, PHYS, and STAT; or courses from other departments that carry an (A) or (N) general education designation.
- The required six hours of upper-division General Education may not include courses from the student's major department. This requirement may be satisfied by courses also used to satisfy any part of a student's degree program (i.e., in General Education, College Departmental Requirements, Major Requirements or Electives).
- Non-Western Studies Requirement for B.A. and B.F.A.; One 3-hour course in Non-Western Studies (N.W.). This requirement may be satisfied by courses also used to satisfy any part of a student's degree program (i.e., in General Education, College Departmental Requirements, Major Requirements or Electives).
- The College of Arts & Sciences requires a minimum 2.0 GPA in all major requirements and a minimum 2.0 GPA in all major-prefix courses applied to the degree.

### 3. Foreign Language Proficiency

- The foreign language requirement for the B.A. may be satisfied by 9 hours college credit in the same language, which must include 3 hours at the 2000-level, or equivalent proficiency (e.g., passing an advanced standing examination; TOEFL exam; presenting a high school transcript which demonstrates the high school was primarily conducted in a language other than English; etc.). Computer Science courses may not be used to satisfy this requirement. Currently Arabic and Mvskoke are not offered at the 2000-level at OSU.

- The foreign language requirement for the B.S., B.M. and B.F.A. may be satisfied by presenting a high school transcript which demonstrates two years of study of a single foreign language (passing grades at second-year level of study). It may also be satisfied by 6 hours college credit in the same language, which must include language courses 1713 and 1813, or equivalent proficiency (e.g., passing an advanced standing examination; TOEFL exam; presenting a high school transcript which demonstrates the high school was primarily conducted in a language other than English; etc.). Computer Science courses may not be used to satisfy this requirement.
- In addition to a. and b., students pursuing teacher certification must meet novice-high foreign language proficiency by presenting a high school transcript which demonstrates two years of study of a single foreign language with no grade below B. Or, students may complete 3 hours college credit in a single language with no grade below C (or pass an advanced standing examination, College Level Examination Program (CLEP) exam, or Oral Proficiency Interview developed by the American Council on the Teaching of Foreign Languages, equivalent to 3 hours of college credit.) Or, students may meet the requirement by transfer of documentation of meeting the foreign language competency from one of the teacher education programs in the State of Oklahoma approved by the Oklahoma State Regents for Higher Education.

### 4. Exclusions

- Courses used to satisfy the General Education English Composition, U.S. History, American Government, and Mathematics or Statistics requirements will not count toward the 54-hour maximum allowed from one department.
- Courses with ATHL or LEIS prefixes and leisure activity courses may not be used for degree credit.

## Additional State/OSU Requirements

- At least: 60 hours at a four-year institution; 30 hours completed at OSU; 15 of the final 30 or 50% of the upper-division hours in the major field completed at OSU.
- Limit of: one-half of major course requirements as transfer work; one-fourth of hours earned by correspondence; 8 transfer correspondence hours.
- Students will be held responsible for degree requirements in effect at the time of matriculation and any changes that are made, so long as these changes do not result in semester credit hours being added or do not delay graduation.
- Degrees that follow this plan must be completed by the end of Summer 2028.

## Example Plan of Study

### Finish in Four Plan of Study

The plan below is an **example** of how students can successfully complete degree requirements in four years. This suggested class schedule plan may be used as a guide and can be adjusted based on individual needs. Students are required to meet with an academic advisor prior to enrollment each semester to plan their class schedule, and students are ultimately responsible for completing all degree requirements.



Course	Title	Hours	MICR 4246	Clinical Immunology	6
<b>Freshman</b>					
<b>Fall</b>					
MATH 1513	College Algebra (A)	3			
BIOL 1113 & BIOL 1111 or BIOL 1114	Introductory Biology (N) or Introductory Biology (LN)	4			
MICR 1211	First Year Microbiology Laboratory Experience	1			
General Education courses		7			
<b>Hours</b>		<b>15</b>			
<b>Spring</b>					
CHEM 1314	Chemistry I (LN)	4			
BIOL 1604 or PBIOL 1404	Animal Biology or Plant Biology (LN)	4			
General Education courses		7			
<b>Hours</b>		<b>15</b>			
<b>Sophomore</b>					
<b>Fall</b>					
CHEM 1515	Chemistry II (LN)	5			
MICR 2123	Introduction to Microbiology	3			
MICR 2132	Introduction to Microbiology Laboratory	2			
General Education courses		5			
<b>Hours</b>		<b>15</b>			
<b>Spring</b>					
CHEM 3013 or CHEM 3053	Survey of Organic Chemistry or Organic Chemistry I	3			
CHEM 3012	Survey of Organic Chemistry Laboratory (If taking CHEM 3013)	2			
MICR 3033	Cell and Molecular Biology (Suggested)	3			
BIOL 3204	Physiology	4			
MICR 4001	Professional Transitions in Microbiology and Cell and Molecular Biology	1			
General Education courses		2			
<b>Hours</b>		<b>15</b>			
<b>Junior</b>					
<b>Fall</b>					
BIOC 3653 or BIOC 3713 or CHEM 3153	Survey of Biochemistry or Biochemistry I or Organic Chemistry II	3			
BIOL 3023 or ANSI 3423	General Genetics or Animal Genetics	3			
MICR 3223	Advanced Microbiology	3			
College and Elective courses		6			
<b>Hours</b>		<b>15</b>			
<b>Spring</b>					
MICR 3253	Immunology (Spring only)	3			
Elective or BIOC 3653 or BIOC 3813		3			
Major, College, and Elective courses, Recommend BIOL 3214		9			
<b>Hours</b>		<b>15</b>			
<b>Summer</b>					
MICR 4325	Clinical Chemistry II	5			
MICR 4351	Topics in Clinical Laboratory Science	1			
<b>Hours</b>		<b>6</b>			
<b>Senior</b>					
<b>Fall</b>					
MICR 4117	Clinical Microbiology	7			
MICR 4125	Clinical Chemistry I	5			
<b>Hours</b>		<b>12</b>			
<b>Spring</b>					
MICR 4236	Clinical Hematology	6			
			<b>Hours</b>		<b>120</b>

# Microbiology/Cell & Molecular Biology: Pre-Medical Professional, BS

## Degree Requirements

Requirements for Students Matriculating in or before Academic Year 2022-2023. Learn more about University Academic Regulation 3.1 (p. 943).

Minimum Overall Grade Point Average: 2.00

Total Hours: 120

Code	Title	Hours
<b>General Education Requirements</b>		
<i>English Composition</i>		
See Academic Regulation 3.5 (p. 944)		
ENGL 1113	Composition I	3
or ENGL 1313	Critical Analysis and Writing I	
Select one of the following:		3
ENGL 1213	Composition II	
ENGL 1413	Critical Analysis and Writing II	
ENGL 3323	Technical Writing	
<i>American History &amp; Government</i>		
HIST 1103	Survey of American History	3
or HIST 1483	American History to 1865 (H)	
or HIST 1493	American History Since 1865 (DH)	
POLS 1113	American Government	3
<i>Analytical &amp; Quantitative Thought (A)</i>		
MATH 1513	College Algebra (A) (or higher) <sup>1</sup>	3
<i>Humanities (H)</i>		
Courses designated (H)		6
<i>Natural Sciences (N)</i>		
Must include one Laboratory Science (L) course		
PHYS 1114	College Physics I (LN) <sup>1</sup>	4
PHYS 1214	College Physics II (LN) <sup>1</sup>	4
<i>Social &amp; Behavioral Sciences (S)</i>		
Course designated (S)		3
<i>Additional General Education</i>		
Courses designated (A), (H), (N), or (S)		8
<b>Hours Subtotal</b>		<b>40</b>
<b>Diversity (D) &amp; International Dimension (I)</b>		
May be completed in any part of the degree plan		
Select at least one Diversity (D) course		
Select at least one International Dimension (I) course		
<b>College/Departmental Requirements</b>		
<i>First Year Seminar</i>		
(Transfer students with 15 hours exempt)		1
<i>Arts &amp; Humanities</i>		
See note 2.a.		3
<i>Natural &amp; Mathematical Sciences</i>		
CHEM 1314	Chemistry I (LN)	9
& CHEM 1515	and Chemistry II (LN)	

<i>Foreign Language</i>		
See note 3		
0-6 hours		
<i>Upper-Division General Education</i>		
Select 6 hours outside major department		
See note 2.c.		
<b>Hours Subtotal</b>		<b>13</b>
<b>Major Requirements <sup>2</sup></b>		
A minimum grade of "C" in each upper-division course and MICR 2123 and MICR 2132		
BIOC 3653	Survey of Biochemistry (or)	3
BIOC 3713 & BIOC 3813	Biochemistry I and Biochemistry II	
BIOL 1113 & BIOL 1111	Introductory Biology (N) and Introductory Biology Laboratory (LN)	4
or BIOL 1114	Introductory Biology (LN)	
BIOL 1604	Animal Biology	4
BIOL 3023	General Genetics	3
or ANSI 3423	Animal Genetics	
BIOL 3204	Physiology	4
CHEM 3053	Organic Chemistry I	3
CHEM 3112	Organic Chemistry Laboratory	2
CHEM 3153	Organic Chemistry II	3
MICR 2123	Introduction to Microbiology	3
MICR 2132	Introduction to Microbiology Laboratory	2
MICR 3033	Cell and Molecular Biology	3
MICR 3223	Advanced Microbiology	3
MICR 3253	Immunology	3
MICR 4001	Professional Transitions in Microbiology and Cell and Molecular Biology	1
MICR 4012	Molecular Microbiology Laboratory I	2
MICR 4053	Pathogenic Microbiology	3
MICR 4112	Molecular Microbiology Capstone	2
MICR 4233	Advanced Cell and Molecular Biology	3
MICR 4253	Concepts in Medical Genetics	3
or MICR 4263	Microbial Genetics: from Genes to Genomes	
<b>Hours Subtotal</b>		<b>54</b>
<b>Electives <sup>2</sup></b>		
Select 13 hours		13
May need to include 6 hours of a foreign language (see note 3)		
May need to include 6 hours upper-division general education outside major department (see note 2.c.)		
Additional requirements for professional school admission exist. View Admission Requirements Sheets at your chosen school and/or at <a href="http://prehealth.okstate.edu">http://prehealth.okstate.edu</a> .		
Recommended courses:		
PSYC 1113	Introductory Psychology (S)	
SOC 1113	Introductory Sociology (S)	
<b>Hours Subtotal</b>		<b>13</b>
<b>Total Hours</b>		<b>120</b>

<sup>1</sup>

College and Departmental Requirements that may be used to meet General Education Requirements.

2

With approval from the advisor and department head, a maximum of 30 hours from an accredited doctoral health program may be substituted for major requirements.

Additional requirements for professional school admission may exist. View Admission Requirements Sheets at your chosen school and/or at [prehealth.okstate.edu](http://prehealth.okstate.edu) (<http://prehealth.okstate.edu>).

## Other Requirements

- See the College of Arts and Sciences Requirements.
- **Upper-Division Credit:** Total hours must include at least 40 hours in courses numbered 3000 or above.
- **Hours in One Department:** For B.A. and B.S. degrees, no more than 54 hours in one department may be applied to degree requirements.

## College of Arts and Sciences Requirements

### 1. General Education Requirements

No more than two courses (or eight hours) from the major department (<http://catalog.okstate.edu/college-arts-sciences-major-departments/>) may be used to meet General Education and College and Departmental Requirements. The General Education required English Composition, required U.S. History, required American Government, one required MATH or STAT course, and required foreign language for B.A. degrees do not count against the two-course maximum.

### 2. A&S College/Departmental Requirements

- a. Arts and Humanities are defined as any course carrying an (H) designation or courses from AMST, ART, DANC, ENGL (except ENGL 3323 Technical Writing) HIST, MUSI, PHIL (except PHIL 1313 Logic and Critical Thinking (A), PHIL 3003 Symbolic Logic (A) and PHIL 4003 Mathematical Logic and Computability), REL, TH, and foreign languages.
- b. Natural and Mathematical Sciences are defined as any course from the following prefixes: ASTR, BIOC, BIOL, CHEM, CS (except CS 4883 Social Issues in Computing), GEOL, MATH, MICR, PBIO, PHYS, and STAT; or courses from other departments that carry an (A) or (N) general education designation.
- c. The required six hours of upper-division General Education may not include courses from the student's major department. This requirement may be satisfied by courses also used to satisfy any part of a student's degree program (i.e., in General Education, College Departmental Requirements, Major Requirements or Electives).
- d. Non-Western Studies Requirement for B.A. and B.F.A.; One 3-hour course in Non-Western Studies (N.W.). This requirement may be satisfied by courses also used to satisfy any part of a student's degree program (i.e., in General Education, College Departmental Requirements, Major Requirements or Electives).
- e. The College of Arts & Sciences requires a minimum 2.0 GPA in all major requirements and a minimum 2.0 GPA in all major-prefix courses applied to the degree.

### 3. Foreign Language Proficiency

- a. The foreign language requirement for the B.A. may be satisfied by 9 hours college credit in the same language, which must include 3 hours at the 2000-level, or equivalent proficiency (e.g., passing an advanced standing examination; TOEFL exam; presenting

a high school transcript which demonstrates the high school was primarily conducted in a language other than English; etc.). Computer Science courses may not be used to satisfy this requirement. Currently Arabic and Mvskoke are not offered at the 2000-level at OSU.

- b. The foreign language requirement for the B.S., B.M. and B.F.A. may be satisfied by presenting a high school transcript which demonstrates two years of study of a single foreign language (passing grades at second-year level of study). It may also be satisfied by 6 hours college credit in the same language, which must include language courses 1713 and 1813, or equivalent proficiency (e.g., passing an advanced standing examination; TOEFL exam; presenting a high school transcript which demonstrates the high school was primarily conducted in a language other than English; etc.). Computer Science courses may not be used to satisfy this requirement.
  - c. In addition to a. and b., students pursuing teacher certification must meet novice-high foreign language proficiency by presenting a high school transcript which demonstrates two years of study of a single foreign language with no grade below B. Or, students may complete 3 hours college credit in a single language with no grade below C (or pass an advanced standing examination, College Level Examination Program (CLEP) exam, or Oral Proficiency Interview developed by the American Council on the Teaching of Foreign Languages, equivalent to 3 hours of college credit.) Or, students may meet the requirement by transfer of documentation of meeting the foreign language competency from one of the teacher education programs in the State of Oklahoma approved by the Oklahoma State Regents for Higher Education.
- ### 4. Exclusions
- a. Courses used to satisfy the General Education English Composition, U.S. History, American Government, and Mathematics or Statistics requirements will not count toward the 54-hour maximum allowed from one department.
  - b. Courses with ATHL or LEIS prefixes and leisure activity courses may not be used for degree credit.

## Additional State/OSU Requirements

- At least: 60 hours at a four-year institution; 30 hours completed at OSU; 15 of the final 30 or 50% of the upper-division hours in the major field completed at OSU.
- Limit of: one-half of major course requirements as transfer work; one-fourth of hours earned by correspondence; 8 transfer correspondence hours.
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- Degrees that follow this plan must be completed by the end of Summer 2028.

## Example Plan of Study

### Finish in Four Plan of Study

The plan below is an **example** of how students can successfully complete degree requirements in four years. This suggested class schedule plan may be used as a guide and can be adjusted based on individual needs. Students are required to meet with an academic advisor prior to

enrollment each semester to plan their class schedule, and students are ultimately responsible for completing all degree requirements.

College and Elective courses	7
<b>Hours</b>	<b>15</b>
<b>Total Hours</b>	<b>120</b>

Course	Title	Hours
<b>Freshman</b>		
<b>Fall</b>		
MATH 1513	College Algebra (A)	3
BIOL 1113 & BIOL 1111 or BIOL 1114	Introductory Biology (N) or Introductory Biology (LN)	4
MICR 1211	First Year Microbiology Laboratory Experience	1
General Education courses		7
<b>Hours</b>		<b>15</b>
<b>Spring</b>		
CHEM 1314	Chemistry I (LN)	4
BIOL 1604 or P BIO 1404	Animal Biology or Plant Biology (LN)	4
General Education courses		7
<b>Hours</b>		<b>15</b>
<b>Sophomore</b>		
<b>Fall</b>		
CHEM 1515	Chemistry II (LN)	5
MICR 2123	Introduction to Microbiology	3
MICR 2132	Introduction to Microbiology Laboratory	2
General Education courses		5
<b>Hours</b>		<b>15</b>
<b>Spring</b>		
CHEM 3053	Organic Chemistry I	3
MICR 3033	Cell and Molecular Biology	3
BIOL 3204	Physiology	4
General Education courses		5
<b>Hours</b>		<b>15</b>
<b>Junior</b>		
<b>Fall</b>		
CHEM 3153	Organic Chemistry II	3
CHEM 3112	Organic Chemistry Laboratory	2
MICR 3223	Advanced Microbiology	3
PHYS 1114	College Physics I (LN)	4
College and Elective courses		3
<b>Hours</b>		<b>15</b>
<b>Spring</b>		
BIOC 3653 or BIOC 3713	Survey of Biochemistry or Biochemistry I	3
BIOL 3023 or ANSI 3423	General Genetics or Animal Genetics	3
MICR 4053	Pathogenic Microbiology	3
MICR 4001	Professional Transitions in Microbiology and Cell and Molecular Biology	1
PHYS 1214	College Physics II (LN)	4
College and Elective courses		1
<b>Hours</b>		<b>15</b>
<b>Senior</b>		
<b>Fall</b>		
MICR 4012	Molecular Microbiology Laboratory I	2
MICR 4253	Concepts in Medical Genetics (Fall only)	3
Major, College, and Elective courses (Recommend BIOC 3813)		10
<b>Hours</b>		<b>15</b>
<b>Spring</b>		
MICR 3253	Immunology	3
MICR 4112	Molecular Microbiology Capstone	2
MICR 4233	Advanced Cell and Molecular Biology	3

## Military Science

Students desiring to expand the scope of their education, while preparing for a dynamic and rewarding career as an officer in the United States Army, Active Duty, National Guard or Army Reserve, choose the Army Reserve Officer Training Corps program (ROTC) as an adjunct to their chosen field of study. With courses dealing in a wide range of subjects from leadership to tactics, taught both indoors and out, the Army ROTC program produces over 5,000 second lieutenants each year across the nation.

The Army ROTC program consists of a basic course and an advanced course. Students desiring to see what the program is like may enroll in up to 13 hours of military science with no commitment to the United States Army. During this basic course, emphasis is placed upon leadership, war gaming, individual skills, problem-solving, rappelling and land navigation. All lower-division ROTC courses are open to the entire University community regardless of year in school.

Students committing themselves to a commission in the United States Army are required to enroll in the Army ROTC advanced course upon completion of the basic course or equivalent. The advanced course consists of 12 hours of academic work taken during the junior and senior year. In addition, participation in a five-week summer camp is mandatory. The advanced course emphasizes further development of leadership skills, offensive and defensive tactics, physical conditioning, ethics, military law, professional and basic military knowledge and skills. Additionally, advanced course students are responsible for use of required military skills as they act as assistant instructors during laboratory periods, plan leadership laboratories, plan and conduct field training exercises and are responsible for coordinating and supervising departmental extracurricular activities. In addition there are several students who join Army ROTC in the simultaneous Membership Program in which they are both students in the ROTC and members of the Army Reserve or Oklahoma National Guard. This provides tremendous experience and economic benefit.

All advanced course students must satisfy directed professional military education (PME) requirements prior to receiving a commission. Commissioning through ROTC consists of two essential parts—a baccalaureate degree and completion of the advanced course requirements to include an upper-division military history course.

Students interested in the Department of Military Science are encouraged to visit with departmental faculty members at any time for further information concerning departmental course offerings and class sequence. A number of two- and three-year scholarships are available through the department. Prior enrollment in military science is not a prerequisite for departmental scholarship application.

## Courses

### MLSC 1113 Foundations of Officership

**Description:** Lecture: Team study and activities in basic drill, physical fitness, rappelling, leadership reaction course, first aid, presentations and basic marksmanship. Fundamentals of leadership. Optional weekend exercise. Lab: Learning and practicing basic skills such as rappelling, drill and ceremony, land navigation, individual first aid, individual training in small unit tactics. Previously offered as MLSC 1112.

**Credit hours:** 3

**Contact hours:** Lecture: 2 Lab: 2 Contact: 4

**Levels:** Undergraduate

**Schedule types:** Lab, Lecture, Combined lecture and lab

**Department/School:** Military Science

### MLSC 1213 Basic Leadership

**Description:** Lecture: Principles of effective leading, communication skills and organizational ethical values. Optional weekend exercise. Lab: Learning and practicing basic skills such as rappelling, drill and ceremony, land navigation, individual first aid, individual training in small unit tactics. Previously offered as MLSC 1212.

**Credit hours:** 3

**Contact hours:** Lecture: 2 Lab: 2 Contact: 4

**Levels:** Undergraduate

**Schedule types:** Lab, Lecture, Combined lecture and lab

**Department/School:** Military Science

### MLSC 2122 Leader's Training Course

**Prerequisites:** Must meet with Department head and have their approval.

**Description:** For students who have not completed all of basic ROTC. A four-week summer camp similar to Army Basic Training. No military obligation incurred. Completion of MLSC 2122 qualifies a student for entry into the Advanced Course.

**Credit hours:** 2

**Contact hours:** Lab: 4 Contact: 4

**Levels:** Undergraduate

**Schedule types:** Lab

**Department/School:** Military Science

### MLSC 2130 Military Physical Conditioning

**Prerequisites:** Must be enrolled in a MLSC lecture class: MLSC 1213, or MLSC 1113, or MLSC 2233, or MLSC 2313, or MLSC 3113, or MLSC 3223, or MLSC 4123, or MLSC 4223.

**Description:** Participation in and learning to plan and lead a physical fitness program. Development of an individual fitness program and the role of exercise and fitness in person's life. Offered for 1 hour fixed credit. Maximum of 2 credit hours.

**Credit hours:** 1

**Contact hours:** Lab: 2 Contact: 2

**Levels:** Undergraduate

**Schedule types:** Lab

**Department/School:** Military Science

### MLSC 2233 Individual Leadership Studies

**Description:** Ethics-based leadership skills that develop individual abilities and contribute to the building of effective teams. Skills in oral presentation, writing, planning, coordinating groups, land navigation and basic military tactics.

**Credit hours:** 3

**Contact hours:** Lecture: 2 Lab: 2 Contact: 4

**Levels:** Undergraduate

**Schedule types:** Lab, Lecture, Combined lecture and lab

**Department/School:** Military Science

**MLSC 2313 Leadership and Teamwork****Prerequisites:** MLSC 2233.**Description:** Individual and team aspects of military tactics in small unit operations. Safety assessment, movement techniques, planning for team safety and security and methods of pre-execution checks. Training techniques for continued leadership development.**Credit hours:** 3**Contact hours:** Lecture: 2 Lab: 2 Contact: 4**Levels:** Undergraduate**Schedule types:** Lab, Lecture, Combined lecture and lab**Department/School:** Military Science**MLSC 3113 Leadership and Problem Solving****Prerequisites:** Completion of lower-division MLSC or equivalent, and approval of professor of military science.**Description:** Practical opportunities to lead small groups in situations of increasing complexity receiving personal assessments and encouragement. Use of small unit defensive tactics and opportunities to plan and conduct training for lower-division students both to develop such skills and as vehicles for practicing leading.**Credit hours:** 3**Contact hours:** Lecture: 2 Lab: 2 Contact: 4**Levels:** Undergraduate**Schedule types:** Lab, Lecture, Combined lecture and lab**Department/School:** Military Science**MLSC 3223 Leadership and Ethics****Prerequisites:** MLSC 3113.**Description:** Analysis of tasks; preparation of written or oral guidance for team members to accomplish tasks. Delegating tasks and supervising. Planning and adapting to the unexpected in organizations under stress. Examination and application of lessons from leadership case studies. Examination of importance of ethical decision-making in setting a positive climate that enhances team performance.**Credit hours:** 3**Contact hours:** Lecture: 3 Contact: 3**Levels:** Undergraduate**Schedule types:** Lecture**Department/School:** Military Science**MLSC 4014 Leader Development and Assessment Course****Prerequisites:** Must meet with Department Head and have their approval.**Description:** A five-week camp conducted at an Army post. Individual leadership and basic skills performance.**Credit hours:** 4**Contact hours:** Lab: 8 Contact: 8**Levels:** Undergraduate**Schedule types:** Lab**Department/School:** Military Science**MLSC 4123 Leadership and Management****Prerequisites:** MLSC 3113 and MLSC 3223.**Description:** Planning conducting and evaluating activities of the ROTC cadet organization. Articulating goals, putting plans into action to attain them. Assessing organizational cohesion and developing strategies to improve it. Developing confidence in skills to lead people and manage resources.**Credit hours:** 3**Contact hours:** Lecture: 2 Lab: 2 Contact: 4**Levels:** Undergraduate**Schedule types:** Lab, Lecture, Combined lecture and lab**Department/School:** Military Science**MLSC 4223 Officership****Prerequisites:** MLSC 3113 and MLSC 3223.**Description:** Continuation of the methodology from MLSC 4123. Identification and resolution of ethical dilemmas. Refining counseling and motivating techniques. Examination of aspects of tradition and law as related to leading as an officer in the Army.**Credit hours:** 3**Contact hours:** Lecture: 2 Lab: 2 Contact: 4**Levels:** Undergraduate**Schedule types:** Lab, Lecture, Combined lecture and lab**Department/School:** Military Science**MLSC 4422 The Tactical Planning Process****Prerequisites:** ROTC advanced course status or consent of department head.**Description:** The tactical planning process and its components. Computer tactical simulations used to organize and synchronize the process.**Credit hours:** 2**Contact hours:** Lecture: 2 Contact: 2**Levels:** Undergraduate**Schedule types:** Lecture**Department/School:** Military Science

## Minors

- Military Science (MLSC), Minor (p. 1513)

## Faculty

**Professor of Military Science and Head:** LTC Robert "Bo" Reynolds**Assistant Professors:** MSG Nathan Purdy; SFC Daniel Tinnin; 1LT Kevin Black; Mr. Mike Teifke; Mr. Dennis Slaton



## Military Science (MLSC), Minor

**Requirements for Students Matriculating in or before Academic Year 2022-2023.** Learn more about University Academic Regulation 3.1 (p. 943).

LTC Robert Reynolds, 312 TH, 405-744-1775

Diana Reddington, 311 TH, 405-744-1775

**Minimum Grade Point Average in Minor Coursework:** 2.50 with no grade below "C."

**Total Hours:** 15

Code	Title	Hours
<b>Minor Requirements</b>		
HIST 3333 or HIST 4353	History of the Second World War (HI) American Military History (H)	3
MLSC 3113	Leadership and Problem Solving	3
MLSC 3223	Leadership and Ethics	3
MLSC 4123	Leadership and Management	3
MLSC 4223	Officership	3
<b>Total Hours</b>		<b>15</b>

## Additional OSU Requirements

### Undergraduate Minors

- An undergraduate minor must include between fifteen and thirty hours, inclusive of undergraduate coursework.
- A minimum of six credit hours for the minor must be earned in residence at OSU.
- The courses required for a minor may be included in the course requirements for any undergraduate degree or they may be in addition to degree requirements, depending on the overlap between the minor and degree requirements. However, an undergraduate minor must be earned in an academic field other than the student's declared degree option. The minor may not duplicate the degree major or option (for example, a student who earns a BA in Art with an Art History option may earn a minor in Studio Art but not Art History).
- A student generally follows the minor requirements associated with his or her matriculation year or newer requirements that have been established since matriculation. The time limit for following requirements from a given academic year is six years.

For additional information on requirements on minors, click here (<https://adminfinance.okstate.edu/site-files/documents/policies/requirements-for-undergraduate-and-graduate-minors.pdf>).

## Minors

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- Africana Studies (AFAM), Minor (p. 1515)
- American Indian Studies (AMIS), Minor (p. 1516)
- Asian Studies (ASTD), Minor (p. 1517)
- Central Asian Studies (CAST), Minor (p. 1518)
- Classical Studies (CLST), Minor (p. 1519)
- European Studies (EUST), Minor (p. 1520)
- Hispanic and Latin American Studies (HLAS), Minor (p. 1522)
- Middle East Studies (MES), Minor (p. 1523)
- Russian and East European Studies (REES), Minor (p. 1524)

## Africana Studies (AFAM), Minor

**Requirements for Students Matriculating in or before Academic Year 2022-2023.** Learn more about University Academic Regulation 3.1 (p. 943).

Vincent Burke, 201 SSH, 405-744-5569

**Minimum Grade Point Average in Minor Coursework:** 2.5 with no grade below "C."

**Total Hours:** 18

Code	Title	Hours
<b>Minor Requirements</b>		
AFAM 1113	Introduction to Africana Studies (DH)	3
Select 15 hours of the following:		15
AFAM 2423	Black Popular Culture (DH)	
AFAM 3343	Black Psychology (DS)	
AFAM 3753	African American Arts and Culture (DH)	
AFAM 3950	Special Topics in Africana Studies	
AFAM 4453	Black Geographies & Memorialization in the Landscape (DH)	
AFAM 4543	Race Theory	
AFAM 4980	Research in Africana Studies	
AMST 3473	Race, Gender, and Ethnicity in American Film (D)	
ANTH 3353	Cultural Anthropology (IS)	
ENGL 3193	African-American Literature (DH)	
GEOG 3763	Africa (IS)	
GWST 3613	Race and Reproduction in the U.S. (D)	
HIST 3133	African Diaspora History (DH)	
HIST 3503	Medieval Islamic History (H)	
HIST 3773	Old South (S)	
HIST 4153	African American History, 1619-1865 (DH)	
HIST 4163	African American History, 1865-Present (DH)	
HIST 4173	Black Intellectual History (DH)	
MGMT 4213	Managing Diversity in the Workplace (D)	
PHIL 3623	Philosophy of Race (DH)	
PHIL 3633	MLK, Malcolm X, & Philosophy of Race (DH)	
POLS 3953	Minorities in the American Political System (DS)	
POLS 3973	Race, Politics and Sports (D)	
PSYC 3120	Special Topics in Psychology	
PSYC 3343	Black Psychology (DS)	
PSYC 4163	Psychology of Prejudice and Discrimination (D)	
SOC 3133	Racial and Ethnic Relations (DS)	
SOC 4383	Social Stratification (S)	
Other courses may apply with permission of the faculty coordinator.		
<b>Total Hours</b>		<b>18</b>

## Additional OSU Requirements Undergraduate Minors

- An undergraduate minor must include between fifteen and thirty hours, inclusive of undergraduate coursework.
- A minimum of six credit hours for the minor must be earned in residence at OSU.
- The courses required for a minor may be included in the course requirements for any undergraduate degree or they may be in addition to degree requirements, depending on the overlap between the minor and degree requirements. However, an undergraduate minor must be earned in an academic field other than the student's declared degree option. The minor may not duplicate the degree major or option (for example, a student who earns a BA in Art with an Art History option may earn a minor in Studio Art but not Art History).
- A student generally follows the minor requirements associated with his or her matriculation year or newer requirements that have been established since matriculation. The time limit for following requirements from a given academic year is six years.

For additional information on requirements on minors, click here (<https://adminfinance.okstate.edu/site-files/documents/policies/requirements-for-undergraduate-and-graduate-minors.pdf>).

## American Indian Studies (AMIS), Minor

**Requirements for Students Matriculating in or before Academic Year 2022-2023.** Learn more about University Academic Regulation 3.1 (p. 943).

**John Chaney**, Faculty contact, 116 NH , 405-744-6113, john.chaney@okstate.edu

**Anthony Valentine**, Advisor, 213 LSE, 405-744-5658

**Total Hours:** 18 hours from at least three disciplines.

Code	Title	Hours
<b>Minor Requirement</b>		
AMIS 2013	Introduction to American Indian Studies (D)	3
Select 9 hours of the following:		9
AMIS 3713	Native American Entrepreneurship (D)	
AMIS 4013	American Indian Sovereignty (D)	
ART 4763	Native American Art and Material Culture	
ENGL 3183	Native American Literature (DH)	
GEOG 3243	Legal Geography of Native America, Sovereign Tribal Nations, and Indian Country (DS)	
HIST 3793	Native American History (DH)	
LL 1000	Special Studies in Languages and Literatures (Mvskoke Language and Culture)	
REL 3573	The Religions of Native Americans (DH)	
Select 6 additional hours from the list above or the following:		6
ART 3733	History of Latin American Art I	
EEE 3033	Women and Minority Entrepreneurship	
GEOG 3703	Geography Of Oklahoma (S)	
GEOG 4103	Historical Geography of North America since 1800 (H)	
HIST 4523	American Environmental History (H)	
HIST 3763	American Southwest (DH)	
MGMT 4213	Managing Diversity in the Workplace (D)	
PSYC 4163	Psychology of Prejudice and Discrimination (D)	
SOC 3133	Racial and Ethnic Relations (DS)	
<b>Total Hours</b>		<b>18</b>

The following courses may be used with permission from the faculty coordinator:

Code	Title	Hours
ENGL 3153	Readings in Literature by Women (DH)	3
ENGL 3813	Readings in the American Experience (DH)	3
HIST 3703	Oklahoma History (DH)	3
HIST 3753	Trans-Mississippi West (DH)	3
HIST 4453	History and Film (H)	3
HIST 4980	Topics in History	1-3
PSYC 4880	Senior Honors Thesis	1-6
PSYC 4990	Research Practicum	1-6

## Other Requirements

- 12 hours must be upper-division.
- No grade below "C."

## Additional OSU Requirements Undergraduate Minors

- An undergraduate minor must include between fifteen and thirty hours, inclusive of undergraduate coursework.
- A minimum of six credit hours for the minor must be earned in residence at OSU.
- The courses required for a minor may be included in the course requirements for any undergraduate degree or they may be in addition to degree requirements, depending on the overlap between the minor and degree requirements. However, an undergraduate minor must be earned in an academic field other than the student's declared degree option. The minor may not duplicate the degree major or option (for example, a student who earns a BA in Art with an Art History option may earn a minor in Studio Art but not Art History).
- A student generally follows the minor requirements associated with his or her matriculation year or newer requirements that have been established since matriculation. The time limit for following requirements from a given academic year is six years.

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## Asian Studies (ASTD), Minor

**Requirements for Students Matriculating in or before Academic Year 2022-2023.** Learn more about University Academic Regulation 3.1 (p. 943).

Anthony Valentine, 213 LSE, 405-744-5658

**Minimum Grade Point Average in Minor Coursework:** 2.00

**Total Hours:** 21

Code	Title	Hours
<b>Minor Requirements</b>		
Select minimum of one 2000-level JAPN or CHIN course (or equivalent proficiency)		3
Select 18 hours from at least three disciplinary areas:		18
ANTH 3353	Cultural Anthropology (IS) <sup>1</sup>	
ANTH 4990	Special Topics in Anthropology <sup>1</sup>	
ART 3693	Survey of Asian Art (H)	
ART 4663	History of Chinese Art (H)	
ART 4673	History of Japanese Art	
ART 4703	Art East and West: Biases and Borrowings	
ART 4800	Special Studies in Art <sup>1</sup>	
ECON 3613	International Economic Relations (IS) <sup>1</sup>	
ECON 4643	International Economic Development (IS) <sup>1</sup>	
GEOG 3133	Political Geography (IS) <sup>1</sup>	
GEOG 3753	Asia (IS)	
GEOG 3783	The Middle East (IS)	
HIST 1713	Survey of Eastern Civilization (H)	
HIST 3053	Introduction to Central Asia Studies (IS)	
HIST 3403	East Asia to 1800 (H)	
HIST 3413	East Asia Since 1800 (HI)	
HIST 3423	Modern Japan (HI)	
HIST 3433	Modern China (HI)	
HIST 3980	Studies in History <sup>1</sup>	
HIST 4980	Topics in History <sup>1</sup>	
LL 3500	Specialized Study in a Modern Language <sup>1</sup>	
MKTG 4553	International Marketing <sup>1</sup>	
PHIL 3943	Asian Philosophy (HI)	
POLS 3053	Introduction to Central Asia Studies (IS)	
POLS 3223	Asian Politics	
POLS 4053	War And World Politics (I) <sup>1</sup>	
SOC 3713	Religion, Culture and Society <sup>1</sup>	
SOC 4533	World Population Problems <sup>1</sup>	
<b>Total Hours</b>		<b>21</b>

<sup>1</sup>

All courses marked with a <sup>1</sup> are variable-topic courses and may count toward the minor when topic appropriate. Prior approval from faculty coordinator is required.

## Additional OSU Requirements

### Undergraduate Minors

- An undergraduate minor must include between fifteen and thirty hours, inclusive of undergraduate coursework.

- A minimum of six credit hours for the minor must be earned in residence at OSU.
- The courses required for a minor may be included in the course requirements for any undergraduate degree or they may be in addition to degree requirements, depending on the overlap between the minor and degree requirements. However, an undergraduate minor must be earned in an academic field other than the student's declared degree option. The minor may not duplicate the degree major or option (for example, a student who earns a BA in Art with an Art History option may earn a minor in Studio Art but not Art History).
- A student generally follows the minor requirements associated with his or her matriculation year or newer requirements that have been established since matriculation. The time limit for following requirements from a given academic year is six years.

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## Central Asian Studies (CAST), Minor

**Requirements for Students Matriculating in or before Academic Year 2022-2023.** Learn more about University Academic Regulation 3.1 (p. 943).

Anthony Valentine, 213 LSE, 405-744-5658

**Minimum Grade Point Average in Minor Coursework:** 2.00

**Total Hours:** 21

Code	Title	Hours
<b>Minor Requirements</b>		
Select a minimum of one 2000-level RUSS course (or equivalent proficiency in Kazak, Kyrzhyz, Tadjik, Turkmen, or Uzbek)		3
GEOG/HIST/POLS/RUSS 3053	Introduction to Central Asia Studies (IS)	3
Select 15 hours from at least three disciplinary areas:		15
GEOG 3733	Russia and Its Neighbors (IS)	
HIST 3153	Russia to 1861 (H)	
HIST 3163	Russia Since 1861 (HI)	
HIST 3203	The Medieval World, 500-1500 (H)	
HIST 3503	Medieval Islamic History (H)	
POLS 3003	The Soviet Union: History, Society and Culture(IS)	
POLS 3053	Introduction to Central Asia Studies (IS)	
POLS 3123	Russian & Eurasian Politics (I)	
REL 4113	The World of Islam: Cultural Perspectives (HI)	
RUSS 3003	The Soviet Union: History, Society and Culture (IS)	
<b>Total Hours</b>		<b>21</b>

## Additional OSU Requirements

### Undergraduate Minors

- An undergraduate minor must include between fifteen and thirty hours, inclusive of undergraduate coursework.
- A minimum of six credit hours for the minor must be earned in residence at OSU.
- The courses required for a minor may be included in the course requirements for any undergraduate degree or they may be in addition to degree requirements, depending on the overlap between the minor and degree requirements. However, an undergraduate minor must be earned in an academic field other than the student's declared degree option. The minor may not duplicate the degree major or option (for example, a student who earns a BA in Art with an Art History option may earn a minor in Studio Art but not Art History).
- A student generally follows the minor requirements associated with his or her matriculation year or newer requirements that have been established since matriculation. The time limit for following requirements from a given academic year is six years.

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## Classical Studies (CLST), Minor

**Requirements for Students Matriculating in or before Academic Year 2022-2023.** Learn more about University Academic Regulation 3.1 (p. 943).

Anthony Valentine, 213 LSE, 405-744-5658

**Minimum Grade Point Average in Minor Coursework:** 2.00

**Total Hours:** 21

Code	Title	Hours
<b>Minor Requirements</b>		
Select 12 hours of either Greek or Latin		12
Select 9 hours of the following:		9
ART 3603	History of Classical Art (H)	
HIST 3023	Ancient Greece (H)	
HIST 3033	Ancient Rome: The Republic (H)	
LL 2103	Masterworks of Western Culture: Ancient and Medieval	
PHIL 3113	Ancient Greek Philosophy (H)	
<b>Total Hours</b>		<b>21</b>

## Additional OSU Requirements

### Undergraduate Minors

- An undergraduate minor must include between fifteen and thirty hours, inclusive of undergraduate coursework.
- A minimum of six credit hours for the minor must be earned in residence at OSU.
- The courses required for a minor may be included in the course requirements for any undergraduate degree or they may be in addition to degree requirements, depending on the overlap between the minor and degree requirements. However, an undergraduate minor must be earned in an academic field other than the student's declared degree option. The minor may not duplicate the degree major or option (for example, a student who earns a BA in Art with an Art History option may earn a minor in Studio Art but not Art History).
- A student generally follows the minor requirements associated with his or her matriculation year or newer requirements that have been established since matriculation. The time limit for following requirements from a given academic year is six years.

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## European Studies (EUST), Minor

**Requirements for Students Matriculating in or before Academic Year 2022-2023.** Learn more about University Academic Regulation 3.1 (p. 943).

Anthony Valentine, 213 LSE, 405-744-5658

**Total Hours:** 21

Code	Title	Hours
<b>Minor Requirements</b>		
Minimum of one 2000-level language course from FREN, GRMN, RUSS or SPAN		3
Select 18 hours from at least three disciplinary areas, with no more than 3 lower-division hours:		18
ARCH 3083	History and Theory of Renaissance and Baroque Architecture (H)	
ARCH 4073	History and Theory of Early Modern Architecture	
ART 1503	Art History Survey I (H)	
ART 1513	Art History Survey II (H)	
ART 3603	History of Classical Art (H)	
ART 3623	History of Italian Renaissance Art (H)	
ART 3633	History of Baroque Art (H)	
ART 3653	History of 19th Century Art (H)	
ART 3673	History of Northern Renaissance Art	
ART 3683	History of 20th Century Art (HI)	
ART 3713	Early Medieval Art: Saints, Martyrs, Pagans (H)	
ART 3723	Court and Cloister: Medieval Art 1050-1400 (H)	
ART 3753	The Arts of Spain and the Spanish World (H)	
ART 4583	Rome: The Eternal City in Art and Film (H)	
ART 4593	Art of Conversion: 16th Century Art in Mexico (H)	
ART 4613	Art Since 1960	
ART 4783	Rembrandt Van Rijn	
ENGL 3123	Mythology (H)	
ENGL 3163	Literatures of the Ancient World (H)	
ENGL 3463	History of International Film (HI)	
ENGL 4100	Studies in Medieval British Literature	
ENGL 4110	Studies in 16th Century British Literature	
ENGL 4120	Studies in 17th Century British Literature	
ENGL 4130	Studies in 18th Century British Literature	
ENGL 4160	Studies in 19th Century British Literature	
ENGL 4200	Studies in Early American Literature	
ENGL 4300	Studies in Romanticism	
ENGL 4350	Contemporary International Cinema	
FREN 3853	Introduction to Analysis of French Literature	
FREN 4153	Survey of French Literature I	
FREN 4173	Survey of French Literature II	
FREN 4333	Background of Modern French Civilization	

GEOG 3723	Europe (IS)
GRMN 4153	Survey of German Literature I
GRMN 4163	Survey of German Literature II
GRMN 4333	Backgrounds of Modern German Civilization
GRMN 4343	Modern Germany
GRMN 4543	Contemporary German Literature
HIST 3023	Ancient Greece (H)
HIST 3033	Ancient Rome: The Republic (H)
HIST 3113	Germany Since 1815 (HI)
HIST 3153	Russia to 1861 (H)
HIST 3163	Russia Since 1861 (HI)
HIST 3203	The Medieval World, 500-1500 (H)
HIST 3243	Renaissance, 1350-1517 (H)
HIST 3253	Absolutism and Enlightenment, 1648-1789
HIST 3263	Modern Europe, 1815-1914 (H)
HIST 3273	Modern Europe Since 1914 (HI)
HIST 3323	Modern France, 1789-Present (HI)
HIST 3343	World War I in Modern European Culture (HI)
HIST 3353	Mediterranean World
HIST 3373	Invasion and Identity: The Medieval English World: 700-1400 (H)
HIST 3383	Tudor-Stuart England (H)
HIST 3393	Modern England: 1714-Present (H)
HIST 3483	Reformation Europe, 1517-1648 (H)
HIST 3493	Scandinavia Since 1500 (HI)
HIST 3913	History of Medicine (H)
HIST 3953	Religion in Modern Europe
HIST 3963	Ideas and Ideologies in Modern Europe (H)
HIST 4403	Sorcerers, Saints and Heretics: Religion in the Medieval World (H)
HIST 4413	Sex and Gender in the Medieval World (H)
MUSI 2573	Introduction to Music (H)
MUSI 3753	History of Music to 1600 (H)
MUSI 3763	History of Music from 1600-1800
MUSI 3873	History of Music from 1800-Present
PHIL 3113	Ancient Greek Philosophy (H)
PHIL 3213	17th and 18th Century Philosophy (H)
PHIL 3313	19th and 20th Century Philosophy (H)
PHIL 3523	Medieval Philosophy (H)
PHIL 3743	Science and Human Values (H)
PHIL 3913	Existentialism (H)
PHIL 4113	Philosophy and the Arts (H)
POLS 2113	Introduction to Comparative Politics (IS)
POLS 3143	European Politics (I)
POLS 3663	Introduction to Political Thought
RUSS 3113	Russian Conversation
RUSS 3223	Russian Composition
SOC 3113	Theoretical Thinking in Sociology
SOC 3133	Racial and Ethnic Relations (DS)
SOC 4383	Social Stratification (S)
SOC 4643	Sociology of Gender (S)

SPAN 4123	Hispanic Poetry
SPAN 4133	Hispanic Prose
SPAN 4163	Don Quijote
SPAN 4173	Hispanic Drama
SPAN 4223	Contemporary Hispanic Literature
SPAN 4253	Masterpieces of Hispanic Literature I
SPAN 4263	Masterpieces of Hispanic Literature II
SPAN 4323	Spanish Peninsular Civilization
TH 3923	World Theatre History Before 1800 (H)
TH 3933	World Theatre History After 1800 (H)

**Total Hours** **21**

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All courses marked with a <sup>1</sup> are variable-topic courses and may count toward the minor when topic appropriate. Prior approval from faculty coordinator is required.

## Other Requirements

- No grade below "C."
- 2.5 GPA in minor.

## Additional OSU Requirements

### Undergraduate Minors

- An undergraduate minor must include between fifteen and thirty hours, inclusive of undergraduate coursework.
- A minimum of six credit hours for the minor must be earned in residence at OSU.
- The courses required for a minor may be included in the course requirements for any undergraduate degree or they may be in addition to degree requirements, depending on the overlap between the minor and degree requirements. However, an undergraduate minor must be earned in an academic field other than the student's declared degree option. The minor may not duplicate the degree major or option (for example, a student who earns a BA in Art with an Art History option may earn a minor in Studio Art but not Art History).
- A student generally follows the minor requirements associated with his or her matriculation year or newer requirements that have been established since matriculation. The time limit for following requirements from a given academic year is six years.

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## Hispanic and Latin American Studies (HLAS), Minor

**Requirements for Students Matriculating in or before Academic Year 2022-2023.** Learn more about University Academic Regulation 3.1 (p. 943).

Anthony Valentine, 213 LSE, 405-744-5658

**Minimum Grade Point Average in Minor Coursework:** 2.00

**Total Hours:** 23

Code	Title	Hours
<b>Minor Requirements</b>		
Select a minimum of one 2000-level SPAN course (or equivalent proficiency in Portuguese)		
Select 18 hours from at least three disciplinary areas:		
ANTH 3443	Peoples of Mesoamerica (IS)	
ANTH 4223	The Aztec Empire (H)	
ARCH 3083	History and Theory of Renaissance and Baroque Architecture (H)	
ART 3633	History of Baroque Art (H)	
GEOG 3743	Latin America (IS)	
LL 3103	Hispanic Literature in Translation (H)	
HIST 3243	Renaissance, 1350-1517 (H)	
HIST 3453	Colonial Latin America (H)	
HIST 3463	Modern Latin America (HI)	
POLS 3193	Latin American Politics (IS)	
POLS 4053	War And World Politics (I)	
SPAN 3163	Survey of Peninsular Literature I	
SPAN 3173	Survey of Peninsular Literature II	
SPAN 3183	Latin American Survey I	
SPAN 4123	Hispanic Poetry	
SPAN 4133	Hispanic Prose	
SPAN 4163	Don Quijote	
SPAN 4253	Masterpieces of Hispanic Literature I	
SPAN 4263	Masterpieces of Hispanic Literature II	
SPAN 4323	Spanish Peninsular Civilization	
SPAN 4333	Latin American Civilization	
SPAN 4550	Seminar in Spanish <sup>1</sup>	
SPAN 5110	Advanced Hispanic Studies <sup>1</sup>	

<sup>1</sup>

All courses marked with a <sup>1</sup> are variable-topic courses and may count toward the minor when topic appropriate. Prior approval from faculty coordinator is required.

## Additional OSU Requirements

### Undergraduate Minors

- An undergraduate minor must include between fifteen and thirty hours, inclusive of undergraduate coursework.
- A minimum of six credit hours for the minor must be earned in residence at OSU.
- The courses required for a minor may be included in the course requirements for any undergraduate degree or they may be in addition to degree requirements, depending on the overlap between the minor

and degree requirements. However, an undergraduate minor must be earned in an academic field other than the student's declared degree option. The minor may not duplicate the degree major or option (for example, a student who earns a BA in Art with an Art History option may earn a minor in Studio Art but not Art History).

- A student generally follows the minor requirements associated with his or her matriculation year or newer requirements that have been established since matriculation. The time limit for following requirements from a given academic year is six years.

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## Middle East Studies (MES), Minor

**Requirements for Students Matriculating in or before Academic Year 2022-2023.** Learn more about University Academic Regulation 3.1 (p. 943).

Anthony Valentine, 213 LSE, 405-744-5658

**Minimum Grade Point Average in Minor Coursework:** 2.50 with no grade below "C."

**Total Hours:** 22

Code	Title	Hours
<b>Minor Requirements</b>		
Select 10 hours of college-level language instruction in Arabic, Farsi, modern Hebrew or Turkish		10
Select 12 hours in at least two separate disciplines of the following:		12
AMST/ENGL 3813	Readings in the American Experience (DH)	
AMST 3950	Special Topics in American Studies (DH) (Global Islam)	
ARCH 4273	History and Theory of Islamic Architecture	
GEOG 3783	The Middle East (IS)	
HIST 3543	Israel & Palestine in Modern Times (HI)	
REL 4113	The World of Islam: Cultural Perspectives (HI)	
REL 4213	Understanding Global Islam (HI)	
SOC 4653	Gender and the Middle East (IS)	
<b>Total Hours</b>		<b>22</b>

## Additional OSU Requirements

### Undergraduate Minors

- An undergraduate minor must include between fifteen and thirty hours, inclusive of undergraduate coursework.
- A minimum of six credit hours for the minor must be earned in residence at OSU.
- The courses required for a minor may be included in the course requirements for any undergraduate degree or they may be in addition to degree requirements, depending on the overlap between the minor and degree requirements. However, an undergraduate minor must be earned in an academic field other than the student's declared degree option. The minor may not duplicate the degree major or option (for example, a student who earns a BA in Art with an Art History option may earn a minor in Studio Art but not Art History).
- A student generally follows the minor requirements associated with his or her matriculation year or newer requirements that have been established since matriculation. The time limit for following requirements from a given academic year is six years.

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## Russian and East European Studies (REES), Minor

**Requirements for Students Matriculating in or before Academic Year 2022-2023.** Learn more about University Academic Regulation 3.1 (p. 943).

Anthony Valentine, 213 LSE, 405-744-5658

**Minimum Grade Point Average in Minor Coursework:** 2.00

**Total Hours:** 23

Code	Title	Hours
<b>Minor Requirements</b>		
Select a minimum of one 2000-level RUSS course (or equivalent proficiency)		
Select 15 hours from a least three disciplinary areas of the following:		15
GEOG 3723	Europe (IS)	
GEOG 3733	Russia and Its Neighbors (IS)	
HIST 3153	Russia to 1861 (H)	
HIST 3163	Russia Since 1861 (HI)	
HIST 4563	Cold War (HI)	
POLS 3123	Russian & Eurasian Politics (I)	
POLS 4053	War And World Politics (I)	
RUSS 3123	Understanding Russia (H)	
RUSS 4113	Russian Literature in Translation I (H)	
RUSS 4123	Russian Literature in Translation II	

## Additional OSU Requirements

### Undergraduate Minors

- An undergraduate minor must include between fifteen and thirty hours, inclusive of undergraduate coursework.
- A minimum of six credit hours for the minor must be earned in residence at OSU.
- The courses required for a minor may be included in the course requirements for any undergraduate degree or they may be in addition to degree requirements, depending on the overlap between the minor and degree requirements. However, an undergraduate minor must be earned in an academic field other than the student's declared degree option. The minor may not duplicate the degree major or option (for example, a student who earns a BA in Art with an Art History option may earn a minor in Studio Art but not Art History).
- A student generally follows the minor requirements associated with his or her matriculation year or newer requirements that have been established since matriculation. The time limit for following requirements from a given academic year is six years.

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## Multidisciplinary Studies

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Multidisciplinary Studies degrees meet the needs of students who desire greater breadth in the major than typical degrees allow. By combining coursework across several disciplines, students tailor their curriculum to unique academic and career goals. Some areas of concentration are available through online coursework - see <http://cas.okstate.edu> for more details. To ensure coherence among courses selected across disciplines, a three-semester-hour senior project is required as a part of the major.

### Undergraduate Programs

- Multidisciplinary Studies, BA (p. 1526)
- Multidisciplinary Studies, BS (p. 1529)
- Multidisciplinary Studies: Business Essentials, BA (p. 1532)
- Multidisciplinary Studies: Business Essentials, BS (p. 1535)
- Multidisciplinary Studies: Pre-Law, BA (p. 1538)
- Multidisciplinary Studies: Pre-Law, BS (p. 1541)

### Faculty

Thomas A. Wikle, PhD—Director

## Multidisciplinary Studies, BA

### Degree Requirements

**Requirements for Students Matriculating in or before Academic Year 2022-2023.** Learn more about University Academic Regulation 3.1 (p. 943).

**Minimum Overall Grade Point Average:** 2.00

**Total Hours:** 120

Code	Title	Hours
<b>General Education Requirements</b>		
<i>English Composition</i>		
See Academic Regulation 3.5 (p. 944)		
ENGL 1113 or ENGL 1313	Composition I Critical Analysis and Writing I	3
Select one of the following:		3
ENGL 1213	Composition II	
ENGL 1413	Critical Analysis and Writing II	
ENGL 3323	Technical Writing	
<i>American History &amp; Government</i>		
HIST 1103 or HIST 1483 or HIST 1493	Survey of American History American History to 1865 (H) American History Since 1865 (DH)	3
POLS 1113	American Government	3
<i>Analytical &amp; Quantitative Thought (A)</i>		
MATH or STAT course designated (A)		3
<i>Humanities (H)</i>		
Courses designated (H)		6
<i>Natural Sciences (N)</i>		
Must include one Laboratory Science (L) course		
Courses designated (N)		6
<i>Social &amp; Behavioral Sciences (S)</i>		
Course designated (S)		3
<i>Additional General Education</i>		
Courses designated (A), (H), (N), or (S)		10
<b>Hours Subtotal</b>		<b>40</b>
<b>Diversity (D) &amp; International Dimension (I)</b>		
May be completed in any part of the degree plan		
Select at least one Diversity (D) course		
Select at least one International Dimension (I) course		
<b>College/Departmental Requirements</b>		
<i>First Year Seminar</i>		
(Transfer students with 15 hours exempt)		1
<i>Arts &amp; Humanities</i>		
See note 2.a.		9
<i>Natural &amp; Mathematical Sciences</i>		
See note 2.b.		3
<i>Foreign Language</i>		
See note 3		9
<i>Non-Western Studies</i>		
At least one course		
See note 2.d.		

#### Upper-Division General Education

Select 6 hours outside major department

See note 2.c.

**Hours Subtotal** **22**

#### Major Requirements

Minimum GPA 2.00. No more than 9 hours may be lower-division.

A&S 4013 or AMST 4973	Multidisciplinary Studies Capstone (or 3-hour capstone in the primary discipline approved by advisor) Senior Seminar in American Studies	3
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15 hours from one of the following disciplines. Minimum GPA 2.00 for all courses in this primary discipline.

AMIS, AMST, ANTH, ART, BIOL, CS, CHEM, ECON, ENGL, FLL (including ASL, FREN, GREK, GRMN, LATN, RUSS, SPAN), GEOG, GEOL, GWST, HIST, MATH, MUSI, PBIO, PHIL, PHYS, POLS, PSYC, REL, SOC, SPCH, STAT, TH

12 hours from a second discipline or area of concentration (approved by advisor)

10 additional hours

**Hours Subtotal** **40**

#### Electives

Select 18 hours

May need to include 6 hours upper-division general education outside major department (see note 2.c.). May need to include 9 additional upper-division hours.

**Hours Subtotal** **18**

**Total Hours** **120**

### Other Requirements

- See the College of Arts and Sciences Requirements.
- **Upper-Division Credit:** Total hours must include at least 40 hours in courses numbered 3000 or above.
- **Hours in One Department:** For B.A. and B.S. degrees, no more than 54 hours in one department may be applied to degree requirements.

### College of Arts and Sciences Requirements

#### 1. General Education Requirements

No more than two courses (or eight hours) from the major department (<http://catalog.okstate.edu/college-arts-sciences-major-departments/>) may be used to meet General Education and College and Departmental Requirements. The General Education required English Composition, required U.S. History, required American Government, one required MATH or STAT course, and required foreign language for B.A. degrees do not count against the two-course maximum.

#### 2. A&S College/Departmental Requirements

- Arts and Humanities are defined as any course carrying an (H) designation or courses from AMST, ART, DANC, ENGL (except ENGL 3323 Technical Writing) HIST, MUSI, PHIL (except PHIL 1313 Logic and Critical Thinking (A), PHIL 3003 Symbolic Logic (A) and PHIL 4003 Mathematical Logic and Computability), REL, TH, and foreign languages.
- Natural and Mathematical Sciences are defined as any course from the following prefixes: ASTR, BIOC, BIOL, CHEM, CS (except CS 4883 Social Issues in Computing), GEOL, MATH, MICR, PBIO,

PHYS, and STAT; or courses from other departments that carry an (A) or (N) general education designation.

- c. The required six hours of upper-division General Education may not include courses from the student's major department. This requirement may be satisfied by courses also used to satisfy any part of a student's degree program (i.e., in General Education, College Departmental Requirements, Major Requirements or Electives).
- d. Non-Western Studies Requirement for B.A. and B.F.A.; One 3-hour course in Non-Western Studies (N.W.). This requirement may be satisfied by courses also used to satisfy any part of a student's degree program (i.e., in General Education, College Departmental Requirements, Major Requirements or Electives).
- e. The College of Arts & Sciences requires a minimum 2.0 GPA in all major requirements and a minimum 2.0 GPA in all major-prefix courses applied to the degree.

### 3. Foreign Language Proficiency

- a. The foreign language requirement for the B.A. may be satisfied by 9 hours college credit in the same language, which must include 3 hours at the 2000-level, or equivalent proficiency (e.g., passing an advanced standing examination; TOEFL exam; presenting a high school transcript which demonstrates the high school was primarily conducted in a language other than English; etc.). Computer Science courses may not be used to satisfy this requirement. Currently Arabic and Mvskoke are not offered at the 2000-level at OSU.
- b. The foreign language requirement for the B.S., B.M. and B.F.A. may be satisfied by presenting a high school transcript which demonstrates two years of study of a single foreign language (passing grades at second-year level of study). It may also be satisfied by 6 hours college credit in the same language, which must include language courses 1713 and 1813, or equivalent proficiency (e.g., passing an advanced standing examination; TOEFL exam; presenting a high school transcript which demonstrates the high school was primarily conducted in a language other than English; etc.). Computer Science courses may not be used to satisfy this requirement.
- c. In addition to a. and b., students pursuing teacher certification must meet novice-high foreign language proficiency by presenting a high school transcript which demonstrates two years of study of a single foreign language with no grade below B. Or, students may complete 3 hours college credit in a single language with no grade below C (or pass an advanced standing examination, College Level Examination Program (CLEP) exam, or Oral Proficiency Interview developed by the American Council on the Teaching of Foreign Languages, equivalent to 3 hours of college credit.) Or, students may meet the requirement by transfer of documentation of meeting the foreign language competency from one of the teacher education programs in the State of Oklahoma approved by the Oklahoma State Regents for Higher Education.

### 4. Exclusions

- a. Courses used to satisfy the General Education English Composition, U.S. History, American Government, and Mathematics or Statistics requirements will not count toward the 54-hour maximum allowed from one department.
- b. Courses with ATHL or LEIS prefixes and leisure activity courses may not be used for degree credit.

## Additional State/OSU Requirements

- At least: 60 hours at a four-year institution; 30 hours completed at OSU; 15 of the final 30 or 50% of the upper-division hours in the major field completed at OSU.
- Limit of: one-half of major course requirements as transfer work; one-fourth of hours earned by correspondence; 8 transfer correspondence hours.
- Students will be held responsible for degree requirements in effect at the time of matriculation and any changes that are made, so long as these changes do not result in semester credit hours being added or do not delay graduation.
- Degrees that follow this plan must be completed by the end of Summer 2028.

## Example Plan of Study

### Finish in Four Plan of Study

The plan below is an example of how students can successfully complete degree requirements in four years. This suggested class schedule plan may be used as a guide and can be adjusted based on individual needs. Students are required to meet with an academic advisor prior to enrollment each semester to plan their class schedule, and students are ultimately responsible for completing all degree requirements.

Course	Title	Hours
<b>Freshman</b>		
<b>Fall</b>		
ENGL 1113	Composition I	3
HIST 1493 or HIST 1483 or HIST 1103	American History Since 1865 (DH) or American History to 1865 (H) or Survey of American History	3
MATH 1483 or MATH 1493 or MATH 1513	Mathematical Functions and Their Uses (A) or Applications of Modern Mathematics (A) or College Algebra (A)	3
General Education courses		5
<b>Hours</b>		<b>14</b>
<b>Spring</b>		
ENGL 1213	Composition II	3
POLS 1113	American Government	3
General Education courses		10
<b>Hours</b>		<b>16</b>
<b>Sophomore</b>		
<b>Fall</b>		
1713 First Semester Foreign Language		3
College and Elective courses		12
<b>Hours</b>		<b>15</b>
<b>Spring</b>		
1813 Second Semester Foreign Language		3
Major, College, and Elective courses		12
<b>Hours</b>		<b>15</b>
<b>Junior</b>		
<b>Fall</b>		
See program advisor.		
2000-level Foreign Language		3
Major, College, and Elective courses		12
<b>Hours</b>		<b>15</b>
<b>Spring</b>		
Major, College, and Elective courses		15
<b>Hours</b>		<b>15</b>

**Senior**

**Fall**

File capstone paperwork no later than pre-finals week.	
Major, College, and Elective courses	15
<b>Hours</b>	<b>15</b>

**Spring**

A&S 4013	Multidisciplinary Studies Capstone	3
Major, College, and Elective courses		12
<b>Hours</b>		<b>15</b>
<b>Total Hours</b>		<b>120</b>

# Multidisciplinary Studies, BS

## Degree Requirements

**Requirements for Students Matriculating in or before Academic Year 2022-2023.** Learn more about University Academic Regulation 3.1 (p. 943).

**Minimum Overall Grade Point Average:** 2.00

**Total Hours:** 120

Code	Title	Hours
<b>General Education Requirements</b>		
<i>English Composition</i>		
See Academic Regulation 3.5 (p. 944)		
ENGL 1113 or ENGL 1313	Composition I Critical Analysis and Writing I	3
Select one of the following:		3
ENGL 1213	Composition II	
ENGL 1413	Critical Analysis and Writing II	
ENGL 3323	Technical Writing	
<i>American History &amp; Government</i>		
HIST 1103 or HIST 1483 or HIST 1493	Survey of American History American History to 1865 (H) American History Since 1865 (DH)	3
POLS 1113	American Government	3
<i>Analytical &amp; Quantitative Thought (A)</i>		
MATH or STAT course designated (A)		3
<i>Humanities (H)</i>		
Courses designated (H)		6
<i>Natural Sciences (N)</i>		
Must include one Laboratory Science (L) course		
Courses designated (N)		6
<i>Social &amp; Behavioral Sciences (S)</i>		
Course designated (S)		3
<i>Additional General Education</i>		
Courses designated (A), (H), (N), or (S)		10
<b>Hours Subtotal</b>		<b>40</b>
<b>Diversity (D) &amp; International Dimension (I)</b>		
May be completed in any part of the degree plan		
Select at least one Diversity (D) course		
Select at least one International Dimension (I) course		
<b>College/Departmental Requirements</b>		
<i>First Year Seminar</i>		
(Transfer students with 15 hours exempt)		1
<i>Arts &amp; Humanities</i>		
See note 2.a.		3
<i>Natural &amp; Mathematical Sciences</i>		
See note 2.b.		9
<i>Foreign Language</i>		
See note 3		
0-6 hours		
<i>Upper-Division General Education</i>		
Select 6 hours outside major department		

See note 2.c.		
<b>Hours Subtotal</b>		<b>13</b>
<b>Major Requirements</b> <sup>1</sup>		
Minimum GPA 2.00. No more than 9 hours may be lower-division.		
A&S 4013 or AMST 4973	Multidisciplinary Studies Capstone (or 3-hour capstone in the primary discipline approved by advisor) Senior Seminar in American Studies	3
15 hours from one of the following disciplines. Minimum GPA 2.00 for all courses in this primary discipline.		15
AMIS, AMST, ANTH, ART, BIOL, CS, CHEM, ECON, ENGL, FLL (including ASL, FREN, GREK, GRMN, LATN, RUSS, SPAN), GEOG, GEOL, GWST, HIST, MATH, MUSI, PBIO, PHIL, PHYS, POLS, PSYC, REL, SOC, SPCH, STAT, TH		
12 hours from a second discipline or area of concentration (approved by advisor) <sup>1</sup>		12
10 additional hours		10
<b>Hours Subtotal</b>		<b>40</b>
<b>Electives</b>		
Select 27 hours <sup>1</sup>		27
May need to include 6 hours of a foreign language. See note 3		
May need to include 6 hours upper-division general education outside major department (see note 2.c.). May need to include 9 additional upper-division hours.		
<b>Hours Subtotal</b>		<b>27</b>
<b>Total Hours</b>		<b>120</b>

<sup>1</sup>

With approval from the advisor and department head, a maximum of 30 hours from an accredited doctoral law or health program may be used for 9 of these 12 hours and 21 hours of electives.

## Other Requirements

- See the College of Arts and Sciences Requirements.
- **Upper-Division Credit:** Total hours must include at least 40 hours in courses numbered 3000 or above.
- **Hours in One Department:** For B.A. and B.S. degrees, no more than 54 hours in one department may be applied to degree requirements.

## College of Arts and Sciences Requirements

### 1. General Education Requirements

No more than two courses (or eight hours) from the major department (<http://catalog.okstate.edu/college-arts-sciences-major-departments/>) may be used to meet General Education and College and Departmental Requirements. The General Education required English Composition, required U.S. History, required American Government, one required MATH or STAT course, and required foreign language for B.A. degrees do not count against the two-course maximum.

### 2. A&S College/Departmental Requirements

- Arts and Humanities are defined as any course carrying an (H) designation or courses from AMST, ART, DANC, ENGL (except ENGL 3323 Technical Writing) HIST, MUSI, PHIL (except PHIL 1313 Logic and Critical Thinking (A), PHIL 3003 Symbolic

Logic (A) and PHIL 4003 Mathematical Logic and Computability), REL, TH, and foreign languages.

- b. Natural and Mathematical Sciences are defined as any course from the following prefixes: ASTR, BIOC, BIOL, CHEM, CS (except CS 4883 Social Issues in Computing), GEOL, MATH, MICR, PBIO, PHYS, and STAT; or courses from other departments that carry an (A) or (N) general education designation.
- c. The required six hours of upper-division General Education may not include courses from the student's major department. This requirement may be satisfied by courses also used to satisfy any part of a student's degree program (i.e., in General Education, College Departmental Requirements, Major Requirements or Electives).
- d. Non-Western Studies Requirement for B.A. and B.F.A.; One 3-hour course in Non-Western Studies (N.W.). This requirement may be satisfied by courses also used to satisfy any part of a student's degree program (i.e., in General Education, College Departmental Requirements, Major Requirements or Electives).
- e. The College of Arts & Sciences requires a minimum 2.0 GPA in all major requirements and a minimum 2.0 GPA in all major-prefix courses applied to the degree.

**3. Foreign Language Proficiency**

- a. The foreign language requirement for the B.A. may be satisfied by 9 hours college credit in the same language, which must include 3 hours at the 2000-level, or equivalent proficiency (e.g., passing an advanced standing examination; TOEFL exam; presenting a high school transcript which demonstrates the high school was primarily conducted in a language other than English; etc.). Computer Science courses may not be used to satisfy this requirement. Currently Arabic and Mvskoke are not offered at the 2000-level at OSU.
- b. The foreign language requirement for the B.S., B.M. and B.F.A. may be satisfied by presenting a high school transcript which demonstrates two years of study of a single foreign language (passing grades at second-year level of study). It may also be satisfied by 6 hours college credit in the same language, which must include language courses 1713 and 1813, or equivalent proficiency (e.g., passing an advanced standing examination; TOEFL exam; presenting a high school transcript which demonstrates the high school was primarily conducted in a language other than English; etc.). Computer Science courses may not be used to satisfy this requirement.
- c. In addition to a. and b., students pursuing teacher certification must meet novice-high foreign language proficiency by presenting a high school transcript which demonstrates two years of study of a single foreign language with no grade below B. Or, students may complete 3 hours college credit in a single language with no grade below C (or pass an advanced standing examination, College Level Examination Program (CLEP) exam, or Oral Proficiency Interview developed by the American Council on the Teaching of Foreign Languages, equivalent to 3 hours of college credit.) Or, students may meet the requirement by transfer of documentation of meeting the foreign language competency from one of the teacher education programs in the State of Oklahoma approved by the Oklahoma State Regents for Higher Education.

**4. Exclusions**

- a. Courses used to satisfy the General Education English Composition, U.S. History, American Government, and

Mathematics or Statistics requirements will not count toward the 54-hour maximum allowed from one department.

- b. Courses with ATHL or LEIS prefixes and leisure activity courses may not be used for degree credit.

## Additional State/OSU Requirements

- At least: 60 hours at a four-year institution; 30 hours completed at OSU; 15 of the final 30 or 50% of the upper-division hours in the major field completed at OSU.
- Limit of: one-half of major course requirements as transfer work; one-fourth of hours earned by correspondence; 8 transfer correspondence hours.
- Students will be held responsible for degree requirements in effect at the time of matriculation and any changes that are made, so long as these changes do not result in semester credit hours being added or do not delay graduation.
- Degrees that follow this plan must be completed by the end of Summer 2028.

## Example Plan of Study

### Finish in Four Plan of Study

The plan below is an example of how students can successfully complete degree requirements in four years. This suggested class schedule plan may be used as a guide and can be adjusted based on individual needs. Students are required to meet with an academic advisor prior to enrollment each semester to plan their class schedule, and students are ultimately responsible for completing all degree requirements.

Course	Title	Hours
<b>Freshman</b>		
<b>Fall</b>		
ENGL 1113	Composition I	3
HIST 1493 or HIST 1483 or HIST 1103	American History Since 1865 (DH) or American History to 1865 (H) or Survey of American History	3
MATH 1483 or MATH 1493 or MATH 1513	Mathematical Functions and Their Uses (A) or Applications of Modern Mathematics (A) or College Algebra (A)	3
General Education courses		7
<b>Hours</b>		<b>16</b>
<b>Spring</b>		
ENGL 1213	Composition II	3
POLS 1113	American Government	3
General Education courses		8
<b>Hours</b>		<b>14</b>
<b>Sophomore</b>		
<b>Fall</b>		
General Education courses		15
<b>Hours</b>		<b>15</b>
<b>Spring</b>		
Major, College, and Elective courses		15
<b>Hours</b>		<b>15</b>
<b>Junior</b>		
<b>Fall</b>		
See program advisor.		
Major, College, and Elective courses		15
<b>Hours</b>		<b>15</b>
<b>Spring</b>		
Major, College, and Elective courses		15
<b>Hours</b>		<b>15</b>



**Senior****Fall**

File capstone paperwork no later than pre-finals week.

Major, College, and Elective courses	15
<b>Hours</b>	<b>15</b>

**Spring**

A&S 4013	Multidisciplinary Studies Capstone	3
Major, College, and Elective courses		12
<b>Hours</b>		<b>15</b>
<b>Total Hours</b>		<b>120</b>

# Multidisciplinary Studies: Business Essentials, BA

## Degree Requirements

**Requirements for Students Matriculating in or before Academic Year 2022-2023.** Learn more about University Academic Regulation 3.1 (p. 943).

**Minimum Overall Grade Point Average: 2.00**

**Total Hours: 120**

Code	Title	Hours
<b>General Education Requirements</b>		
<i>English Composition</i>		
See Academic Regulation 3.5 (p. 944)		
ENGL 1113 or ENGL 1313	Composition I Critical Analysis and Writing I	3
ENGL 1213 or ENGL 1413 or ENGL 3323	Composition II Critical Analysis and Writing II Technical Writing	3
<i>American History &amp; Government</i>		
HIST 1103 or HIST 1483 or HIST 1493	Survey of American History American History to 1865 (H) American History Since 1865 (DH)	3
POLS 1113	American Government	3
<i>Analytical &amp; Quantitative Thought (A)</i>		
MATH 1483	Mathematical Functions and Their Uses (A) (or higher except MATH 1493)	3
<i>Humanities (H)</i>		
Courses designated (H)		6
<i>Natural Sciences (N)</i>		
Must include one Laboratory Science (L) course.		
Courses designated (N)		6
<i>Social &amp; Behavioral Sciences (S)</i>		
Course designated (S)		3
<i>Additional General Education</i>		
Courses designated (A), (H), (N), or (S)		10
<b>Hours Subtotal</b>		<b>40</b>
<b>Diversity (D) &amp; International Dimension (I)</b>		
May be completed in any part of the degree plan.		
At least one Diversity (D) course		
At least one International Dimension (I) course		
<b>College/Departmental Requirements</b>		
<i>First Year Seminar</i>		
(Transfer students with 15 hours exempt)		1
<i>Arts &amp; Humanities</i>		
(See note 2.a.)		9
<i>Natural &amp; Mathematical Sciences</i>		
(See note 2.b.)		3
<i>Foreign Language</i>		
(See note 3.)		9
<i>Non-Western Studies</i>		
At least one course		

(See note 2.d.)

*Upper-Division General Education*

6 hours outside major department

(See note 2.c.)

**Hours Subtotal** **22**

### Major Requirements

Minimum GPA 2.00. No more than 9 hours may be lower-division.

A&S 4013      Multidisciplinary Studies Capstone (or 3-hour capstone course in the primary discipline)      3

or AMST 4973      Senior Seminar in American Studies

15 hours from one of the following disciplines. Minimum GPA 2.00 for all courses in this primary discipline.      15

AMIS, AMST, ANTH/SOC, ART, BIOL, BOT/PBIO, CS, CHEM, ECON, ENGL, FLL (including ASL, FREN, GREK, GRMN, LATN, RUSS, SPAN), GEOG, GEOL, GWST, HIST, MATH, MICR, MUSI, PHIL, PHYS, POLS, PSYC, REL, SPCH, STAT, TH

12 hours from a second discipline or area of concentration      12

12 hours business essentials:

ACCT 2003      Survey of Accounting      3

MGMT 3013      Fundamentals of Management (S)      3

MKTG 3213      Marketing (S)      3

3 hours from:      3

ECON 2003      Microeconomic Principles for Business

EEE 2023      Introduction to Entrepreneurship

LSB 3213      Legal and Regulatory Environment of Business

MSIS 2103      Business Data Science Technologies

**Hours Subtotal** **42**

**Electives** **16**

May need to include 6 hours upper-division general education outside major department (see note 2.c.). May need to include 9 additional upper-division hours.

**Hours Subtotal** **16**

**Total Hours** **120**

## Other Requirements

- See the College of Arts and Sciences Requirements
- **Upper-Division Credit:** Total hours must include at least 40 hours in courses numbered 3000 or above.
- **Hours in One Department:** For B.A. and B.S. degrees, no more than 54 hours in one department may be applied to degree requirements.

## College of Arts and Sciences Requirements

### 1. General Education Requirements

No more than two courses (or eight hours) from the major department (<http://catalog.okstate.edu/college-arts-sciences-major-departments/>) may be used to meet General Education and College and Departmental Requirements. The General Education required English Composition, required U.S. History, required American Government, one required MATH or STAT course, and required foreign language for B.A. degrees do not count against the two-course maximum.

### 2. A&S College/Departmental Requirements

- a. Arts and Humanities are defined as any course carrying an (H) designation or courses from AMST, ART, DANC, ENGL (except ENGL 3323 Technical Writing) HIST, MUSI, PHIL (except PHIL 1313 Logic and Critical Thinking (A), PHIL 3003 Symbolic Logic (A) and PHIL 4003 Mathematical Logic and Computability), REL, TH, and foreign languages.
- b. Natural and Mathematical Sciences are defined as any course from the following prefixes: ASTR, BIOC, BIOL, CHEM, CS (except CS 4883 Social Issues in Computing), GEOL, MATH, MICR, PBIO, PHYS, and STAT; or courses from other departments that carry an (A) or (N) general education designation.
- c. The required six hours of upper-division General Education may not include courses from the student's major department. This requirement may be satisfied by courses also used to satisfy any part of a student's degree program (i.e., in General Education, College Departmental Requirements, Major Requirements or Electives).
- d. Non-Western Studies Requirement for B.A. and B.F.A.; One 3-hour course in Non-Western Studies (N.W.). This requirement may be satisfied by courses also used to satisfy any part of a student's degree program (i.e., in General Education, College Departmental Requirements, Major Requirements or Electives).
- e. The College of Arts & Sciences requires a minimum 2.0 GPA in all major requirements and a minimum 2.0 GPA in all major-prefix courses applied to the degree.

### 3. Foreign Language Proficiency

- a. The foreign language requirement for the B.A. may be satisfied by 9 hours college credit in the same language, which must include 3 hours at the 2000-level, or equivalent proficiency (e.g., passing an advanced standing examination; TOEFL exam; presenting a high school transcript which demonstrates the high school was primarily conducted in a language other than English; etc.). Computer Science courses may not be used to satisfy this requirement. Currently Arabic and Mvskoke are not offered at the 2000-level at OSU.
- b. The foreign language requirement for the B.S., B.M. and B.F.A. may be satisfied by presenting a high school transcript which demonstrates two years of study of a single foreign language (passing grades at second-year level of study). It may also be satisfied by 6 hours college credit in the same language, which must include language courses 1713 and 1813, or equivalent proficiency (e.g., passing an advanced standing examination; TOEFL exam; presenting a high school transcript which demonstrates the high school was primarily conducted in a language other than English; etc.). Computer Science courses may not be used to satisfy this requirement.
- c. In addition to a. and b., students pursuing teacher certification must meet novice-high foreign language proficiency by presenting a high school transcript which demonstrates two years of study of a single foreign language with no grade below B. Or, students may complete 3 hours college credit in a single language with no grade below C (or pass an advanced standing examination, College Level Examination Program (CLEP) exam, or Oral Proficiency Interview developed by the American Council on the Teaching of Foreign Languages, equivalent to 3 hours of college credit.) Or, students may meet the requirement by transfer of documentation of meeting the foreign language competency from one of the teacher education programs in the State of Oklahoma approved by the Oklahoma State Regents for Higher Education.

### 4. Exclusions

- a. Courses used to satisfy the General Education English Composition, U.S. History, American Government, and Mathematics or Statistics requirements will not count toward the 54-hour maximum allowed from one department.
- b. Courses with ATHL or LEIS prefixes and leisure activity courses may not be used for degree credit.

## Additional State/OSU Requirements

- At least: 60 hours at a four-year institution; 30 hours completed at OSU; 15 of the final 30 or 50% of the upper-division hours in the major field completed at OSU.
- Limit of: one-half of major course requirements as transfer work; one-fourth of hours earned by correspondence; 8 transfer correspondence hours.
- Students will be held responsible for degree requirements in effect at the time of matriculation and any changes that are made, so long as these changes do not result in semester credit hours being added or do not delay graduation.
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## Example Plan of Study

### Finish in Four Plan of Study

The plan below is an **example** of how students can successfully complete degree requirements in four years. This suggested class schedule plan may be used as a guide and can be adjusted based on individual needs. Students are required to meet with an academic advisor prior to enrollment each semester to plan their class schedule, and students are ultimately responsible for completing all degree requirements.

Course	Title	Hours
<b>Freshman</b>		
<b>Fall</b>		
ENGL 1113	Composition I	3
HIST 1493 or HIST 1483 or HIST 1103	American History Since 1865 (DH) or American History to 1865 (H) or Survey of American History	3
MATH 1483 or MATH 1493 or MATH 1513	Mathematical Functions and Their Uses (A) or Applications of Modern Mathematics (A) or College Algebra (A)	3
General Education courses		5
		<b>Hours</b>
		<b>14</b>
<b>Spring</b>		
ENGL 1213	Composition II	3
POLS 1113	American Government	3
General Education courses		10
		<b>Hours</b>
		<b>16</b>
<b>Sophomore</b>		
<b>Fall</b>		
1713 First Semester Foreign Language		3
College and Elective courses		12
		<b>Hours</b>
		<b>15</b>
<b>Spring</b>		
1813 Second Semester Foreign Language		3
Major, College, and Elective courses		12
		<b>Hours</b>
		<b>15</b>
<b>Junior</b>		
<b>Fall</b>		
See program advisor.		

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2000-level Foreign Language	3
Major, College, and Elective courses	12
<b>Hours</b>	<b>15</b>
<b>Spring</b>	
Major, College, and Elective courses	15
<b>Hours</b>	<b>15</b>
<b>Senior</b>	
<b>Fall</b>	
File capstone paperwork no later than pre-finals week.	
Major, College, and Elective courses	15
<b>Hours</b>	<b>15</b>
<b>Spring</b>	
A&S 4013                      Multidisciplinary Studies Capstone	3
Major, College, and Elective courses	12
<b>Hours</b>	<b>15</b>
<b>Total Hours</b>	<b>120</b>

# Multidisciplinary Studies: Business Essentials, BS

## Degree Requirements

**Requirements for Students Matriculating in or before Academic Year 2022-2023.** Learn more about University Academic Regulation 3.1 (p. 943).

**Minimum Overall Grade Point Average: 2.00**

**Total Hours: 120**

Code	Title	Hours
<b>General Education Requirements</b>		
<i>English Composition</i>		
See Academic Regulation 3.5 (p. 944)		
ENGL 1113 or ENGL 1313	Composition I Critical Analysis and Writing I	3
ENGL 1213 or ENGL 1413 or ENGL 3323	Composition II Critical Analysis and Writing II Technical Writing	3
<i>American History &amp; Government</i>		
HIST 1103 or HIST 1483 or HIST 1493	Survey of American History American History to 1865 (H) American History Since 1865 (DH)	3
POLS 1113	American Government	3
<i>Analytical &amp; Quantitative Thought (A)</i>		
MATH 1483	Mathematical Functions and Their Uses (A) (or higher - except MATH 1493)	3
<i>Humanities (H)</i>		
Courses designated (H)		6
<i>Natural Sciences (N)</i>		
Must include one Laboratory Science (L) course.		
Courses designated (N)		6
<i>Social &amp; Behavioral Sciences (S)</i>		
Course designated (S)		3
<i>Additional General Education</i>		
Courses designated (A), (H), (N), or (S)		10
<b>Hours Subtotal</b>		<b>40</b>
<b>Diversity (D) &amp; International Dimension (I)</b>		
May be completed in any part of the degree plan.		
At least one Diversity (D) course		
At least one International Dimension (I) course		
<b>College/Departmental Requirements</b>		
First Year Seminar		
(Transfer students with 15 hours exempt)		1
Arts & Humanities		
(See note 2.a.)		3
Natural & Mathematical Sciences		
(See note 2.b.)		9
Foreign Languages		
(See note 3.)		
0-6 hours		
<i>Upper-Division General Education</i>		

6 hours outside major department		
(See note 2.c.)		
<b>Hours Subtotal</b>		<b>13</b>
<b>Major Requirements</b>		
Minimum GPA 2.00. No more than 9 hours may be lower-division.		
A&S 4013	Multidisciplinary Studies Capstone (or 3-hour capstone course in the primary discipline) or AMST 4973 Senior Seminar in American Studies	3
15 hours from one of the following disciplines. Minimum GPA 2.00 for all courses in this primary discipline.		15
AMIS, AMST, ANTH, ART, BIOL, CS, CHEM, ECON, ENGL, FLL (including ASL, FREN, GREK, GRMN, LATN, RUSS, SPAN), GEOG, GEOL, GWST, HIST, MATH, MUSI, PBIO, PHIL, PHYS, POLS, PSYC, REL, SOC, SPCH, STAT, TH		
12 hours from a second discipline or area of concentration		12
12 hours business essentials:		
ACCT 2003	Survey of Accounting	3
MGMT 3013	Fundamentals of Management (S)	3
MKTG 3213	Marketing (S)	3
3 hours from:		3
ECON 2003	Microeconomic Principles for Business	
EEE 2023	Introduction to Entrepreneurship	
LSB 3213	Legal and Regulatory Environment of Business	
MSIS 2103	Business Data Science Technologies	
<b>Hours Subtotal</b>		<b>42</b>
<b>Electives</b>		<b>25</b>
May need to include 6 hours of a foreign language. See note 3.		
May need to include 6 hours upper-division general education outside major department (see note 2.c.). May need to include 9 additional upper-division hours.		
<b>Hours Subtotal</b>		<b>25</b>
<b>Total Hours</b>		<b>120</b>

## Other Requirements

- See the College of Arts and Sciences Requirements
- **Upper-Division Credit:** Total hours must include at least 40 hours in courses numbered 3000 or above.
- **Hours in One Department:** For B.A. and B.S. degrees, no more than 54 hours in one department may be applied to degree requirements.

## College of Arts and Sciences Requirements

- General Education Requirements**  
No more than two courses (or eight hours) from the major department (<http://catalog.okstate.edu/college-arts-sciences-major-departments/>) may be used to meet General Education and College and Departmental Requirements. The General Education required English Composition, required U.S. History, required American Government, one required MATH or STAT course, and required foreign language for B.A. degrees do not count against the two-course maximum.
- A&S College/Departmental Requirements**

- a. Arts and Humanities are defined as any course carrying an (H) designation or courses from AMST, ART, DANC, ENGL (except ENGL 3323 Technical Writing) HIST, MUSI, PHIL (except PHIL 1313 Logic and Critical Thinking (A), PHIL 3003 Symbolic Logic (A) and PHIL 4003 Mathematical Logic and Computability), REL, TH, and foreign languages.
- b. Natural and Mathematical Sciences are defined as any course from the following prefixes: ASTR, BIOC, BIOL, CHEM, CS (except CS 4883 Social Issues in Computing), GEOL, MATH, MICR, PBIO, PHYS, and STAT; or courses from other departments that carry an (A) or (N) general education designation.
- c. The required six hours of upper-division General Education may not include courses from the student's major department. This requirement may be satisfied by courses also used to satisfy any part of a student's degree program (i.e., in General Education, College Departmental Requirements, Major Requirements or Electives).
- d. Non-Western Studies Requirement for B.A. and B.F.A.; One 3-hour course in Non-Western Studies (N.W.). This requirement may be satisfied by courses also used to satisfy any part of a student's degree program (i.e., in General Education, College Departmental Requirements, Major Requirements or Electives).
- e. The College of Arts & Sciences requires a minimum 2.0 GPA in all major requirements and a minimum 2.0 GPA in all major-prefix courses applied to the degree.

**3. Foreign Language Proficiency**

- a. The foreign language requirement for the B.A. may be satisfied by 9 hours college credit in the same language, which must include 3 hours at the 2000-level, or equivalent proficiency (e.g., passing an advanced standing examination; TOEFL exam; presenting a high school transcript which demonstrates the high school was primarily conducted in a language other than English; etc.). Computer Science courses may not be used to satisfy this requirement. Currently Arabic and Mvskoke are not offered at the 2000-level at OSU.
- b. The foreign language requirement for the B.S., B.M. and B.F.A. may be satisfied by presenting a high school transcript which demonstrates two years of study of a single foreign language (passing grades at second-year level of study). It may also be satisfied by 6 hours college credit in the same language, which must include language courses 1713 and 1813, or equivalent proficiency (e.g., passing an advanced standing examination; TOEFL exam; presenting a high school transcript which demonstrates the high school was primarily conducted in a language other than English; etc.). Computer Science courses may not be used to satisfy this requirement.
- c. In addition to a. and b., students pursuing teacher certification must meet novice-high foreign language proficiency by presenting a high school transcript which demonstrates two years of study of a single foreign language with no grade below B. Or, students may complete 3 hours college credit in a single language with no grade below C (or pass an advanced standing examination, College Level Examination Program (CLEP) exam, or Oral Proficiency Interview developed by the American Council on the Teaching of Foreign Languages, equivalent to 3 hours of college credit.) Or, students may meet the requirement by transfer of documentation of meeting the foreign language competency from one of the teacher education programs in the State of Oklahoma approved by the Oklahoma State Regents for Higher Education.

**4. Exclusions**

- a. Courses used to satisfy the General Education English Composition, U.S. History, American Government, and Mathematics or Statistics requirements will not count toward the 54-hour maximum allowed from one department.
- b. Courses with ATHL or LEIS prefixes and leisure activity courses may not be used for degree credit.

## Additional State/OSU Requirements

- At least: 60 hours at a four-year institution; 30 hours completed at OSU; 15 of the final 30 or 50% of the upper-division hours in the major field completed at OSU.
- Limit of: one-half of major course requirements as transfer work; one-fourth of hours earned by correspondence; 8 transfer correspondence hours.
- Students will be held responsible for degree requirements in effect at the time of matriculation and any changes that are made, so long as these changes do not result in semester credit hours being added or do not delay graduation.
- Degrees that follow this plan must be completed by the end of Summer 2028.

## Example Plan of Study

### Finish in Four Plan of Study

The plan below is an **example** of how students can successfully complete degree requirements in four years. This suggested class schedule plan may be used as a guide and can be adjusted based on individual needs. Students are required to meet with an academic advisor prior to enrollment each semester to plan their class schedule, and students are ultimately responsible for completing all degree requirements.

Course	Title	Hours
<b>Freshman</b>		
<b>Fall</b>		
ENGL 1113	Composition I	3
HIST 1493 or HIST 1483 or HIST 1103	American History Since 1865 (DH) or American History to 1865 (H) or Survey of American History	3
MATH 1483 or MATH 1493 or MATH 1513	Mathematical Functions and Their Uses (A) or Applications of Modern Mathematics (A) or College Algebra (A)	3
General Education courses		7
<b>Hours</b>		<b>16</b>
<b>Spring</b>		
ENGL 1213	Composition II	3
POLS 1113	American Government	3
General Education courses		8
<b>Hours</b>		<b>14</b>
<b>Sophomore</b>		
<b>Fall</b>		
General Education courses		15
<b>Hours</b>		<b>15</b>
<b>Spring</b>		
Major, College, and Elective courses		15
<b>Hours</b>		<b>15</b>
<b>Junior</b>		
<b>Fall</b>		
See program advisor.		
Major, College, and Elective courses		15
<b>Hours</b>		<b>15</b>



**Spring**

Major, College, and Elective courses	15
<b>Hours</b>	<b>15</b>

**Senior****Fall**

File capstone paperwork no later than pre-finals week.

Major, College, and Elective courses	15
<b>Hours</b>	<b>15</b>

**Spring**

A&S 4013	Multidisciplinary Studies Capstone	3
Major, College, and Elective courses		12
<b>Hours</b>		<b>15</b>
<b>Total Hours</b>		<b>120</b>

# Multidisciplinary Studies: Pre-Law, BA

## Degree Requirements

**Requirements for Students Matriculating in or before Academic Year 2022-2023.** Learn more about University Academic Regulation 3.1 (p. 943).

**Minimum Overall Grade Point Average: 2.00**

**Total Hours: 120**

Code	Title	Hours
<b>General Education Requirements</b>		
<i>English Composition</i>		
See Academic Regulation 3.5 (p. 944)		
ENGL 1113 or ENGL 1313	Composition I Critical Analysis and Writing I	3
Select one of the following:		3
ENGL 1213	Composition II	
ENGL 1413	Critical Analysis and Writing II	
ENGL 3323	Technical Writing	
<i>American History &amp; Government</i>		
HIST 1103 or HIST 1483 or HIST 1493	Survey of American History American History to 1865 (H) American History Since 1865 (DH)	3
POLS 1113	American Government	3
<i>Analytical &amp; Quantitative Thought (A)</i>		
MATH or STAT course designated (A)		3
PHIL 1313	Logic and Critical Thinking (A)	3
<i>Humanities (H)</i>		
Courses designated (H)		6
<i>Natural Sciences (N)</i>		
Must include one Laboratory Science (L) course		
Courses designated (N) with one (L)		6
<i>Social &amp; Behavioral Sciences (S)</i>		
Course designated (S)		3
<i>Additional General Education</i>		
Courses designated (A), (H), (N), or (S)		7
<b>Hours Subtotal</b>		<b>40</b>
<b>Diversity (D) &amp; International Dimension (I)</b>		
May be completed in any part of the degree plan		
Select at least one Diversity (D) course		
Select at least one International Dimension (I) course		
<b>College/Departmental Requirements</b>		
<i>First Year Seminar</i>		
(Transfer students with 15 hours exempt)		1
<i>Arts &amp; Humanities</i>		
See note 2.a.		9
<i>Natural &amp; Mathematical Sciences</i>		
See note 2.b.		3
<i>Foreign Language</i>		
See note 3		9
<i>Non-Western Studies</i>		

At least one course

See note 2.d.

*Upper-Division General Education*

Select 6 hours outside major department

See note 2.c.

**Hours Subtotal** **22**

### Major Requirements

Minimum GPA 2.00. No more than 9 hours may be lower-division.

A&S 4013      Multidisciplinary Studies Capstone (or 3-hour capstone course in the primary discipline approved by advisor)      3

or AMST 4973      Senior Seminar in American Studies

15 hours from one of the following disciplines. Minimum GPA 2.00 for all courses in this primary discipline.      15

AMIS, AMST, ANTH, ART, BIOL, CS, CHEM, ECON, ENGL, FLL (including ASL, FREN, GREK, GRMN, LATN, RUSS, SPAN), GEOG, GEOL, GWST, HIST, MATH, MUSI, PBIO, PHIL, PHYS, POLS, PSYC, REL, SOC, SPCH, STAT, TH

12 hours from a second-discipline or area of concentration (approved by advisor)      12

10 additional hours      10

At least 12 hours from the following must be included in the degree:

AMIS 4013      American Indian Sovereignty (D)

ECON 3313      Money and Banking

ECON 3423      Public Finance

ENGL 3223      Professional Writing Theory

ENGL 3323      Technical Writing

PHIL 3003      Symbolic Logic (A)

PHIL 3413      Ethical Theory (H)

PHIL 3843      Philosophy of Law (H)

POLS 3033      International Law

POLS 3453      U.S. Congress

POLS 3493      Public Policy

POLS 3613      State and Local Government

POLS 4353      Administrative Law

POLS 4363      Environmental Law And Policy

POLS 4963      U.S. Constitution: Civil Rights and Civil Liberties

POLS 4973      U.S. Constitution: Separation of Powers

SOC 4313      Sociology of Law

SPCH 3733      Elements of Persuasion (S)

**Hours Subtotal** **40**

### Electives

Select 18 hours      18

May need to include 6 hours upper-division general education outside major department (see note 2.c.). May need to include 9 additional upper-division hours.

**Hours Subtotal** **18**

**Total Hours** **120**

## Other Requirements

- See the College of Arts and Sciences Requirements.
- **Upper-Division Credit:** Total hours must include at least 40 hours in courses numbered 3000 or above.
- **Hours in One Department:** For B.A. and B.S. degrees, no more than 54 hours in one department may be applied to degree requirements.

## College of Arts and Sciences Requirements

### 1. General Education Requirements

No more than two courses (or eight hours) from the major department (<http://catalog.okstate.edu/college-arts-sciences-major-departments/>) may be used to meet General Education and College and Departmental Requirements. The General Education required English Composition, required U.S. History, required American Government, one required MATH or STAT course, and required foreign language for B.A. degrees do not count against the two-course maximum.

### 2. A&S College/Departmental Requirements

- Arts and Humanities are defined as any course carrying an (H) designation or courses from AMST, ART, DANC, ENGL (except ENGL 3323 Technical Writing) HIST, MUSI, PHIL (except PHIL 1313 Logic and Critical Thinking (A), PHIL 3003 Symbolic Logic (A) and PHIL 4003 Mathematical Logic and Computability), REL, TH, and foreign languages.
- Natural and Mathematical Sciences are defined as any course from the following prefixes: ASTR, BIOC, BIOL, CHEM, CS (except CS 4883 Social Issues in Computing), GEOL, MATH, MICR, PBIO, PHYS, and STAT; or courses from other departments that carry an (A) or (N) general education designation.
- The required six hours of upper-division General Education may not include courses from the student's major department. This requirement may be satisfied by courses also used to satisfy any part of a student's degree program (i.e., in General Education, College Departmental Requirements, Major Requirements or Electives).
- Non-Western Studies Requirement for B.A. and B.F.A.; One 3-hour course in Non-Western Studies (N.W.). This requirement may be satisfied by courses also used to satisfy any part of a student's degree program (i.e., in General Education, College Departmental Requirements, Major Requirements or Electives).
- The College of Arts & Sciences requires a minimum 2.0 GPA in all major requirements and a minimum 2.0 GPA in all major-prefix courses applied to the degree.

### 3. Foreign Language Proficiency

- The foreign language requirement for the B.A. may be satisfied by 9 hours college credit in the same language, which must include 3 hours at the 2000-level, or equivalent proficiency (e.g., passing an advanced standing examination; TOEFL exam; presenting a high school transcript which demonstrates the high school was primarily conducted in a language other than English; etc.). Computer Science courses may not be used to satisfy this requirement. Currently Arabic and Mvskoke are not offered at the 2000-level at OSU.
- The foreign language requirement for the B.S., B.M. and B.F.A. may be satisfied by presenting a high school transcript which demonstrates two years of study of a single foreign language (passing grades at second-year level of study). It may also

be satisfied by 6 hours college credit in the same language, which must include language courses 1713 and 1813, or equivalent proficiency (e.g., passing an advanced standing examination; TOEFL exam; presenting a high school transcript which demonstrates the high school was primarily conducted in a language other than English; etc.). Computer Science courses may not be used to satisfy this requirement.

- In addition to a. and b., students pursuing teacher certification must meet novice-high foreign language proficiency by presenting a high school transcript which demonstrates two years of study of a single foreign language with no grade below B. Or, students may complete 3 hours college credit in a single language with no grade below C (or pass an advanced standing examination, College Level Examination Program (CLEP) exam, or Oral Proficiency Interview developed by the American Council on the Teaching of Foreign Languages, equivalent to 3 hours of college credit.) Or, students may meet the requirement by transfer of documentation of meeting the foreign language competency from one of the teacher education programs in the State of Oklahoma approved by the Oklahoma State Regents for Higher Education.

### 4. Exclusions

- Courses used to satisfy the General Education English Composition, U.S. History, American Government, and Mathematics or Statistics requirements will not count toward the 54-hour maximum allowed from one department.
- Courses with ATHL or LEIS prefixes and leisure activity courses may not be used for degree credit.

## Additional State/OSU Requirements

- At least: 60 hours at a four-year institution; 30 hours completed at OSU; 15 of the final 30 or 50% of the upper-division hours in the major field completed at OSU.
- Limit of: one-half of major course requirements as transfer work; one-fourth of hours earned by correspondence; 8 transfer correspondence hours.
- Students will be held responsible for degree requirements in effect at the time of matriculation and any changes that are made, so long as these changes do not result in semester credit hours being added or do not delay graduation.
- Degrees that follow this plan must be completed by the end of Summer 2028.

## Example Plan of Study

### Finish in Four Plan of Study

The plan below is an **example** of how students can successfully complete degree requirements in four years. This suggested class schedule plan may be used as a guide and can be adjusted based on individual needs. Students are required to meet with an academic advisor prior to enrollment each semester to plan their class schedule, and students are ultimately responsible for completing all degree requirements.

Course	Title	Hours
<b>Freshman</b>		
<b>Fall</b>		
ENGL 1113	Composition I	3
HIST 1493 or HIST 1483 or HIST 1103	American History Since 1865 (DH) or American History to 1865 (H) or Survey of American History	3

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MATH 1483	Mathematical Functions and Their Uses (A)	3
or MATH 1493	or Applications of Modern Mathematics (A)	
or MATH 1513	or College Algebra (A)	
General Education courses		5
<b>Hours</b>		<b>14</b>
<b>Spring</b>		
ENGL 1213	Composition II	3
POLS 1113	American Government	3
General Education courses		10
<b>Hours</b>		<b>16</b>
<b>Sophomore</b>		
<b>Fall</b>		
1713 First Semester Foreign Language		3
PHIL 1313	Logic and Critical Thinking (A)	3
College and Elective courses		9
<b>Hours</b>		<b>15</b>
<b>Spring</b>		
1813 Second Semester Foreign Language		3
Major, College, and Elective courses		12
<b>Hours</b>		<b>15</b>
<b>Junior</b>		
<b>Fall</b>		
See program advisor.		
2000-level Foreign Language		3
Major, College, and Elective courses		12
<b>Hours</b>		<b>15</b>
<b>Spring</b>		
Major, College, and Elective courses		15
<b>Hours</b>		<b>15</b>
<b>Senior</b>		
<b>Fall</b>		
File capstone paperwork no later than pre-finals week.		
Major, College, and Elective courses		15
<b>Hours</b>		<b>15</b>
<b>Spring</b>		
A&S 4013	Multidisciplinary Studies Capstone	3
Major, College, and Elective courses		12
<b>Hours</b>		<b>15</b>
<b>Total Hours</b>		<b>120</b>

# Multidisciplinary Studies: Pre-Law, BS

## Degree Requirements

**Requirements for Students Matriculating in or before Academic Year 2022-2023.** Learn more about University Academic Regulation 3.1 (p. 943).

**Minimum Overall Grade Point Average: 2.00**

**Total Hours: 120**

Code	Title	Hours
<b>General Education Requirements</b>		
<i>English Composition</i>		
See Academic Regulation 3.5 (p. 944)		
ENGL 1113 or ENGL 1313	Composition I Critical Analysis and Writing I	3
Select one of the following:		3
ENGL 1213	Composition II	
ENGL 1413	Critical Analysis and Writing II	
ENGL 3323	Technical Writing	
<i>American History &amp; Government</i>		
HIST 1103 or HIST 1483 or HIST 1493	Survey of American History American History to 1865 (H) American History Since 1865 (DH)	3
POLS 1113	American Government	3
<i>Analytical &amp; Quantitative Thought (A)</i>		
MATH or STAT course designated (A)		3
PHIL 1313	Logic and Critical Thinking (A)	3
<i>Humanities (H)</i>		
Courses designated (H)		6
<i>Natural Sciences (N)</i>		
Must include one Laboratory Science (L) course		
Courses designated (N)		6
<i>Social &amp; Behavioral Sciences (S)</i>		
Course designated (S)		3
<i>Additional General Education</i>		
Courses designated (A), (H), (N), or (S)		7
<b>Hours Subtotal</b>		<b>40</b>
<b>Diversity (D) &amp; International Dimension (I)</b>		
May be completed in any part of the degree plan		
Select at least one Diversity (D) course		
Select at least one International Dimension (I) course		
<b>College/Departmental Requirements</b>		
<i>First Year Seminar</i>		
(Transfer students with 15 hours exempt)		1
<i>Arts &amp; Humanities</i>		
See note 2.a.		3
<i>Natural &amp; Mathematical Sciences</i>		
See note 2.b.		9
<i>Foreign Language</i>		
See note 3		
0-6 hours		

### Upper-Division General Education

Select 6 hours outside major department. See note 2.c.		
<b>Hours Subtotal</b>		<b>13</b>
<b>Major Requirements</b>		
Minimum GPA 2.00. No more than 9 hours may be lower-division.		
A&S 4013	Multidisciplinary Studies Capstone (or 3-hour capstone course in the primary discipline approved by advisor)	3
or AMST 4973	Senior Seminar in American Studies	
15 hours from one of the following disciplines. Minimum GPA 2.00 for all courses in this primary discipline.		15
AMIS, AMST, ANTH, ART, BIOL, CS, CHEM, ECON, ENGL, FLL (including ASL, FREN, GREK, GRMN, LATN, RUSS, SPAN), GEOG, GEOL, GWST, HIST, MATH, MUSI, PBIO, PHIL, PHYS, POLS, PSYC, REL, SOC, SPCH, STAT, TH		
12 hours from a second discipline or area of concentration (approved by advisor) <sup>1</sup>		12
10 additional hours		10
At least 12 hours from the following must be included in the degree:		
AMIS 4013	American Indian Sovereignty (D)	
ECON 3313	Money and Banking	
ECON 3423	Public Finance	
ENGL 3223	Professional Writing Theory	
ENGL 3323	Technical Writing	
PHIL 3003	Symbolic Logic (A)	
PHIL 3413	Ethical Theory (H)	
PHIL 3843	Philosophy of Law (H)	
POLS 3033	International Law	
POLS 3453	U.S. Congress	
POLS 3493	Public Policy	
POLS 3613	State and Local Government	
POLS 4353	Administrative Law	
POLS 4363	Environmental Law And Policy	
POLS 4963	U.S. Constitution: Civil Rights and Civil Liberties	
POLS 4973	U.S. Constitution: Separation of Powers	
SOC 4313	Sociology of Law	
SPCH 3733	Elements of Persuasion (S)	
<b>Hours Subtotal</b>		<b>40</b>
<b>Electives <sup>1</sup></b>		
Select 27 hours		27
May need to include 6 hours of a foreign language. See note 3		
May need to include 6 hours upper-division general education outside major department (see note 2.c.). May need to include 9 additional upper-division hours.		
<b>Hours Subtotal</b>		<b>27</b>
<b>Total Hours</b>		<b>120</b>

<sup>1</sup>

With approval from the advisor and department head, a maximum of 30 hours from an accredited doctoral law or health program may be used for 9 of these 12 hours and 21 hours of electives.

## Other Requirements

- See the College of Arts and Sciences Requirements.
- **Upper-Division Credit:** Total hours must include at least 48 hours in courses numbered 3000 or above.
- **Hours in One Department:** For B.A. and B.S. degrees, no more than 54 hours in one department may be applied to degree requirements.

## College of Arts and Sciences Requirements

### 1. General Education Requirements

No more than two courses (or eight hours) from the major department (<http://catalog.okstate.edu/college-arts-sciences-major-departments/>) may be used to meet General Education and College and Departmental Requirements. The General Education required English Composition, required U.S. History, required American Government, one required MATH or STAT course, and required foreign language for B.A. degrees do not count against the two-course maximum.

### 2. A&S College/Departmental Requirements

- Arts and Humanities are defined as any course carrying an (H) designation or courses from AMST, ART, DANC, ENGL (except ENGL 3323 Technical Writing) HIST, MUSI, PHIL (except PHIL 1313 Logic and Critical Thinking (A), PHIL 3003 Symbolic Logic (A) and PHIL 4003 Mathematical Logic and Computability), REL, TH, and foreign languages.
- Natural and Mathematical Sciences are defined as any course from the following prefixes: ASTR, BIOC, BIOL, CHEM, CS (except CS 4883 Social Issues in Computing), GEOL, MATH, MICR, PBIO, PHYS, and STAT; or courses from other departments that carry an (A) or (N) general education designation.
- The required six hours of upper-division General Education may not include courses from the student's major department. This requirement may be satisfied by courses also used to satisfy any part of a student's degree program (i.e., in General Education, College Departmental Requirements, Major Requirements or Electives).
- Non-Western Studies Requirement for B.A. and B.F.A.; One 3-hour course in Non-Western Studies (N.W.). This requirement may be satisfied by courses also used to satisfy any part of a student's degree program (i.e., in General Education, College Departmental Requirements, Major Requirements or Electives).
- The College of Arts & Sciences requires a minimum 2.0 GPA in all major requirements and a minimum 2.0 GPA in all major-prefix courses applied to the degree.

### 3. Foreign Language Proficiency

- The foreign language requirement for the B.A. may be satisfied by 9 hours college credit in the same language, which must include 3 hours at the 2000-level, or equivalent proficiency (e.g., passing an advanced standing examination; TOEFL exam; presenting a high school transcript which demonstrates the high school was primarily conducted in a language other than English; etc.). Computer Science courses may not be used to satisfy this requirement. Currently Arabic and Mvskoke are not offered at the 2000-level at OSU.
- The foreign language requirement for the B.S., B.M. and B.F.A. may be satisfied by presenting a high school transcript which demonstrates two years of study of a single foreign language (passing grades at second-year level of study). It may also

be satisfied by 6 hours college credit in the same language, which must include language courses 1713 and 1813, or equivalent proficiency (e.g., passing an advanced standing examination; TOEFL exam; presenting a high school transcript which demonstrates the high school was primarily conducted in a language other than English; etc.). Computer Science courses may not be used to satisfy this requirement.

- In addition to a. and b., students pursuing teacher certification must meet novice-high foreign language proficiency by presenting a high school transcript which demonstrates two years of study of a single foreign language with no grade below B. Or, students may complete 3 hours college credit in a single language with no grade below C (or pass an advanced standing examination, College Level Examination Program (CLEP) exam, or Oral Proficiency Interview developed by the American Council on the Teaching of Foreign Languages, equivalent to 3 hours of college credit.) Or, students may meet the requirement by transfer of documentation of meeting the foreign language competency from one of the teacher education programs in the State of Oklahoma approved by the Oklahoma State Regents for Higher Education.

### 4. Exclusions

- Courses used to satisfy the General Education English Composition, U.S. History, American Government, and Mathematics or Statistics requirements will not count toward the 54-hour maximum allowed from one department.
- Courses with ATHL or LEIS prefixes and leisure activity courses may not be used for degree credit.

## Additional State/OSU Requirements

- At least: 60 hours at a four-year institution; 30 hours completed at OSU; 15 of the final 30 or 50% of the upper-division hours in the major field completed at OSU.
- Limit of: one-half of major course requirements as transfer work; one-fourth of hours earned by correspondence; 8 transfer correspondence hours.
- Students will be held responsible for degree requirements in effect at the time of matriculation and any changes that are made, so long as these changes do not result in semester credit hours being added or do not delay graduation.
- Degrees that follow this plan must be completed by the end of Summer 2028.

## Example Plan of Study

### Finish in Four Plan of Study

The plan below is an **example** of how students can successfully complete degree requirements in four years. This suggested class schedule plan may be used as a guide and can be adjusted based on individual needs. Students are required to meet with an academic advisor prior to enrollment each semester to plan their class schedule, and students are ultimately responsible for completing all degree requirements.

Course	Title	Hours
<b>Freshman</b>		
<b>Fall</b>		
ENGL 1113	Composition I	3
HIST 1493 or HIST 1483 or HIST 1103	American History Since 1865 (DH) or American History to 1865 (H) or Survey of American History	3



MATH 1483	Mathematical Functions and Their Uses (A)	3
or MATH 1493	or Applications of Modern Mathematics (A)	
or MATH 1513	or College Algebra (A)	
General Education courses		7
<b>Hours</b>		<b>16</b>
<b>Spring</b>		
ENGL 1213	Composition II	3
POLS 1113	American Government	3
General Education courses		8
<b>Hours</b>		<b>14</b>
<b>Sophomore</b>		
<b>Fall</b>		
PHIL 1313	Logic and Critical Thinking (A)	3
General Education courses		12
<b>Hours</b>		<b>15</b>
<b>Spring</b>		
Major, College, and Elective courses		15
<b>Hours</b>		<b>15</b>
<b>Junior</b>		
<b>Fall</b>		
See program advisor.		
Major, College, and Elective courses		15
<b>Hours</b>		<b>15</b>
<b>Spring</b>		
Major, College, and Elective courses		15
<b>Hours</b>		<b>15</b>
<b>Senior</b>		
<b>Fall</b>		
File capstone paperwork no later than pre-finals week.		
Major, College, and Elective courses		15
<b>Hours</b>		<b>15</b>
<b>Spring</b>		
A&S 4013	Multidisciplinary Studies Capstone	3
Major, College, and Elective courses		12
<b>Hours</b>		<b>15</b>
<b>Total Hours</b>		<b>120</b>

## Music

The Michael and Anne Greenwood School of Music at OSU serves students who plan careers in the field of music as well as those who desire to participate in any element of a comprehensive music program. Professional instruction prepares students for careers in performance, teaching, and the music industry. The OSU undergraduate degrees are also excellent preparation for graduate school and for careers in arts management, recording technology, music composition and arranging, church music, and music academia, among other paths.

Students planning to major in music at the university level should have a strong interest in music and/or a talent for performance in vocal or instrumental music. Individual lessons, fundamental theory knowledge, and basic piano ability also supports success at the university level.

The music major may choose from the following degrees:

1. Bachelor of Music (BM) in performance,
2. BM in instrumental or vocal music education,
3. Bachelor of Arts (BA) in music, and
4. Bachelor of Science (BS) in music industry.

The student majoring in a discipline other than music may participate with music majors in all ensembles (choirs, opera, orchestra, concert bands, marching band, basketball band, jazz bands, popular and new music ensembles, and chamber ensembles) and courses, as well as individual lessons for academic credit. Students may also pursue a minor in music. The Greenwood School of Music offers minors in music, applied music, jazz, and composition/theory.

An active scholarship program provides assistance to music majors and non-music majors. Students are invited to write, call 405.744.8997, or visit our website ([music.okstate.edu](http://music.okstate.edu) (<http://music.okstate.edu>)) for audition information.

Faculty members, students, and ensembles present over 150 concerts and recitals annually. The school also supports a robust program of extension and outreach opportunities.

The Michael and Anne Greenwood School of Music is accredited by the National Association of Schools of Music and is an All-Steinway School.

## Admission Requirements

Students wishing to major in music should contact the Michael and Anne Greenwood School of Music to arrange for an entrance audition and interview.

Students are expected to maintain an overall GPA of at least 2.0 while enrolled as music majors at OSU. Any student whose GPA falls below 2.0 will be placed on departmental probation. To be removed from departmental probation, students must increase the overall GPA to at least 2.0. Any student who fails to meet the minimum GPA requirement in two consecutive semesters will be suspended from the OSU music program. For the purpose of determining probationary status, the number of ensemble credits that apply toward the GPA cannot exceed the total number of ensemble credits required for completion of the degree. Though a student must maintain an overall GPA of at least 2.0 in order to avoid departmental probation from semester to semester, all music students must have a minimum GPA of at least 2.5 in the required major courses in order to graduate. In addition to maintaining a 2.0 overall GPA, students must earn grades no lower than a C in any music class.

Students who fail to pass a required music course with a grade of at least a C after two attempts will be suspended from the music major.

## Applied Juries

Students are expected to pass a performance jury at the conclusion of each semester of applied study.

Any students who fail to pass this jury will be placed on departmental probation. Students must also pass an upper-division barrier jury prior to enrolling in upper-division applied lessons if required by the degree program. Any students who do not pass this jury will be placed on departmental probation. Those students must retake this performance barrier jury at the conclusion of the following semester. Any students who fail a performance barrier jury for two consecutive semesters will be suspended from the music program.

Any student suspended from the music program may re-audition for acceptance into the program but must wait at least one year before continuing as a music major. Students who are initially suspended from the music program but are later accepted after the re-audition process will remain on probationary status for one semester. Any re-admitted student who does not meet all of the necessary minimum requirements at the conclusion of their first semester of re-admittance will be suspended from the program.

Further details of the departmental academic progress policy are published in the Undergraduate Music Student Handbook at [music.okstate.edu](http://music.okstate.edu) (<http://music.okstate.edu>).

## Courses

### MUSI 0500 Student Recital Attendance

**Description:** Graduation requirement for music degree or certificate candidates. Graded on a pass/fail basis.

**Credit hours:** 0

**Contact hours:** Lecture: 0 Contact: 0

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Music

### MUSI 1001 Percussion Techniques

**Description:** Methods for playing and teaching percussion instruments.

**Credit hours:** 1

**Contact hours:** Lecture: 1 Contact: 1

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Music

**Additional Fees:** Music Facility Utilization fee of \$40 applies.

### MUSI 1002 Fundamentals of Music

**Description:** The study of the foundations of tonal harmony.

**Credit hours:** 2

**Contact hours:** Lecture: 2 Contact: 2

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Music

**MUSI 1011 Class Piano I**

**Prerequisites:** Music major status or consent of instructor AND (MUSI 1532 with a minimum grade of "C" OR concurrent enrollment in MUSI 1532).

**Description:** Class Piano I is a course designed for vocal and instrumental (non-keyboard) majors to develop functional piano skills. Basic fluency in musical notation is assumed.

**Credit hours:** 1

**Contact hours:** Lecture: 1 Contact: 1

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Music

**Additional Fees:** Music Instruction fee of \$100 applies.

**MUSI 1021 Class Piano II**

**Prerequisites:** MUSI 1011 with minimum grade of "C" and music major status or consent of instructor.

**Description:** Class Piano II continues the development of keyboard skills established in MUSI 1011.

**Credit hours:** 1

**Contact hours:** Lecture: 1 Contact: 1

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Music

**MUSI 1031 Voice Class Lessons**

**Description:** To gain knowledge within a group class setting of the vocal instrument as it applies to each individual, and to learn to apply these techniques to solo voice performance. To give each student a strong foundation in healthy classical vocal technique to allow them to sing throughout their lifetime.

**Credit hours:** 1

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Music

**MUSI 1071 Single Reed Techniques**

**Description:** Methods for playing and teaching the clarinet and saxophone.

**Credit hours:** 1

**Contact hours:** Lecture: 1 Contact: 1

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Music

**Additional Fees:** Music Facility Utilization fee of \$40 applies.

**MUSI 1081 Double Reed Techniques**

**Description:** Methods for playing and teaching the oboe and bassoon.

**Credit hours:** 1

**Contact hours:** Lecture: 1 Contact: 1

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Music

**Additional Fees:** Music Facility Utilization fee of \$40 applies.

**MUSI 1091 High Brass Techniques**

**Prerequisites:** MUSI 1532 with a minimum grade of "C" or consent of instructor.

**Description:** Methods for playing and teaching the trumpet and French horn.

**Credit hours:** 1

**Contact hours:** Lecture: 1 Contact: 1

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Music

**Additional Fees:** Music Facility Utilization fee of \$40 applies.

**MUSI 1110 Elective Organ**

**Description:** Offered for variable credit, 1-2 credit hours, maximum of 8 credit hours.

**Credit hours:** 1-2

**Contact hours:** Contact: 1-2 Other: 1-2

**Levels:** Undergraduate

**Schedule types:** Independent Study

**Department/School:** Music

**MUSI 1120 Elective Piano**

**Description:** Offered for variable credit, 1-2 credit hours, maximum of 8 credit hours.

**Credit hours:** 1-2

**Contact hours:** Contact: 1-2 Other: 1-2

**Levels:** Undergraduate

**Schedule types:** Independent Study

**Department/School:** Music

**MUSI 1130 Elective Voice**

**Prerequisites:** Concurrent enrollment in a choral ensemble (MUSI 2630, MUSI 3630 and/or MUSI 4600) or permission of instructor.

**Description:** Offered for variable credit, 1-2 credit hours, maximum of 8 credit hours.

**Credit hours:** 1-2

**Contact hours:** Contact: 1-2 Other: 1-2

**Levels:** Undergraduate

**Schedule types:** Independent Study

**Department/School:** Music

**MUSI 1140 Elective Brass**

**Description:** Offered for variable credit, 1-2 credit hours, maximum of 8 credit hours.

**Credit hours:** 1-2

**Contact hours:** Contact: 1-2 Other: 1-2

**Levels:** Undergraduate

**Schedule types:** Independent Study

**Department/School:** Music

**MUSI 1150 Elective Class Guitar**

**Description:** Offered for variable credit, 1-2 credit hours, maximum of 8 credit hours.

**Credit hours:** 1-2

**Contact hours:** Contact: 1-2 Other: 1-2

**Levels:** Undergraduate

**Schedule types:** Independent Study

**Department/School:** Music

**MUSI 1160 Elective Woodwinds**

**Description:** Offered for variable credit, 1-2 credit hours, maximum of 8 credit hours.

**Credit hours:** 1-2

**Contact hours:** Contact: 1-2 Other: 1-2

**Levels:** Undergraduate

**Schedule types:** Independent Study

**Department/School:** Music

**MUSI 1170 Elective Percussion**

**Description:** Offered for variable credit, 1-2 credit hours, maximum of 8 credit hours.

**Credit hours:** 1-2

**Contact hours:** Contact: 1-2 Other: 1-2

**Levels:** Undergraduate

**Schedule types:** Independent Study

**Department/School:** Music

**MUSI 1180 Secondary Organ**

**Description:** Offered for variable credit, 1-2 credit hours, maximum of 8 credit hours.

**Credit hours:** 1-2

**Contact hours:** Contact: 1-2 Other: 1-2

**Levels:** Undergraduate

**Schedule types:** Independent Study

**Department/School:** Music

**MUSI 1190 Secondary Piano**

**Description:** Offered for variable credit, 1-2 credit hours, maximum of 8 credit hours.

**Credit hours:** 1-2

**Contact hours:** Contact: 1-2 Other: 1-2

**Levels:** Undergraduate

**Schedule types:** Independent Study

**Department/School:** Music

**MUSI 1200 Secondary Voice**

**Description:** Offered for variable credit, 1-2 credit hours, maximum of 8 credit hours.

**Credit hours:** 1-2

**Contact hours:** Contact: 1-2 Other: 1-2

**Levels:** Undergraduate

**Schedule types:** Independent Study

**Department/School:** Music

**MUSI 1210 Secondary Brass**

**Description:** Offered for variable credit, 1-2 credit hours, maximum of 8 credit hours.

**Credit hours:** 1-2

**Contact hours:** Contact: 1-2 Other: 1-2

**Levels:** Undergraduate

**Schedule types:** Independent Study

**Department/School:** Music

**MUSI 1220 Secondary String**

**Description:** Offered for variable credit, 1-2 credit hours, maximum of 8 credit hours.

**Credit hours:** 1-2

**Contact hours:** Contact: 1-2 Other: 1-2

**Levels:** Undergraduate

**Schedule types:** Independent Study

**Department/School:** Music

**MUSI 1230 Secondary Woodwind**

**Description:** Offered for variable credit, 1-2 credit hours, maximum of 8 credit hours.

**Credit hours:** 1-2

**Contact hours:** Contact: 1-2 Other: 1-2

**Levels:** Undergraduate

**Schedule types:** Independent Study

**Department/School:** Music

**MUSI 1240 Secondary Percussion**

**Description:** Offered for variable credit, 1-2 credit hours, maximum of 8 credit hours.

**Credit hours:** 1-2

**Contact hours:** Contact: 1-2 Other: 1-2

**Levels:** Undergraduate

**Schedule types:** Independent Study

**Department/School:** Music

**MUSI 1250 Major Organ**

**Description:** Offered for variable credit, 1-4 credit hours, maximum of 4 credit hours.

**Credit hours:** 1-4

**Contact hours:** Contact: 1-4 Other: 1-4

**Levels:** Undergraduate

**Schedule types:** Independent Study

**Department/School:** Music

**MUSI 1260 Major Piano**

**Description:** Offered for variable credit, 1-4 credit hours, maximum of 8 credit hours.

**Credit hours:** 1-4

**Contact hours:** Contact: 1-4 Other: 1-4

**Levels:** Undergraduate

**Schedule types:** Independent Study

**Department/School:** Music

**MUSI 1270 Major Voice**

**Description:** Offered for variable credit, 1-4 credit hours, maximum of 8 credit hours.

**Credit hours:** 1-4

**Contact hours:** Contact: 1-4 Other: 1-4

**Levels:** Undergraduate

**Schedule types:** Independent Study

**Department/School:** Music

**MUSI 1280 Major Violin**

**Description:** Offered for variable credit, 1-4 credit hours, maximum of 8 credit hours.

**Credit hours:** 1-4

**Contact hours:** Contact: 1-4 Other: 1-4

**Levels:** Undergraduate

**Schedule types:** Independent Study

**Department/School:** Music

**MUSI 1290 Major Viola**

**Description:** Offered for variable credit, 1-4 credit hours, maximum of 8 credit hours.

**Credit hours:** 1-4

**Contact hours:** Contact: 1-4 Other: 1-4

**Levels:** Undergraduate

**Schedule types:** Independent Study

**Department/School:** Music

**MUSI 1300 Major Cello**

**Description:** Offered for variable credit, 1-4 credit hours, maximum of 8 credit hours.

**Credit hours:** 1-4

**Contact hours:** Contact: 1-4 Other: 1-4

**Levels:** Undergraduate

**Schedule types:** Independent Study

**Department/School:** Music

**MUSI 1310 Major Double Bass**

**Description:** Offered for variable credit, 1-4 credit hours, maximum of 8 credit hours.

**Credit hours:** 1-4

**Contact hours:** Contact: 1-4 Other: 1-4

**Levels:** Undergraduate

**Schedule types:** Independent Study

**Department/School:** Music

**MUSI 1340 Major Flute**

**Description:** Offered for variable credit, 1-4 credit hours, maximum of 8 credit hours.

**Credit hours:** 1-4

**Contact hours:** Contact: 1-4 Other: 1-4

**Levels:** Undergraduate

**Schedule types:** Independent Study

**Department/School:** Music

**MUSI 1350 Major Oboe**

**Description:** Offered for variable credit, 1-4 credit hours, maximum of 8 credit hours.

**Credit hours:** 1-4

**Contact hours:** Contact: 1-4 Other: 1-4

**Levels:** Undergraduate

**Schedule types:** Independent Study

**Department/School:** Music

**MUSI 1360 Major Clarinet**

**Description:** Offered for variable credit, 1-4 credit hours, maximum of 8 credit hours.

**Credit hours:** 1-4

**Contact hours:** Contact: 1-4 Other: 1-4

**Levels:** Undergraduate

**Schedule types:** Independent Study

**Department/School:** Music

**MUSI 1370 Major Saxophone**

**Description:** Offered for variable credit, 1-4 credit hours, maximum of 8 credit hours.

**Credit hours:** 1-4

**Contact hours:** Contact: 1-4 Other: 1-4

**Levels:** Undergraduate

**Schedule types:** Independent Study

**Department/School:** Music

**MUSI 1380 Major Bassoon**

**Description:** Offered for variable credit, 1-4 credit hours, maximum of 8 credit hours.

**Credit hours:** 1-4

**Contact hours:** Contact: 1-4 Other: 1-4

**Levels:** Undergraduate

**Schedule types:** Independent Study

**Department/School:** Music

**MUSI 1390 Major Trumpet**

**Description:** Offered for variable credit, 1-4 credit hours, maximum of 8 credit hours.

**Credit hours:** 1-4

**Contact hours:** Contact: 1-4 Other: 1-4

**Levels:** Undergraduate

**Schedule types:** Independent Study

**Department/School:** Music

**MUSI 1400 Major French Horn**

**Description:** Offered for variable credit, 1-4 credit hours, maximum of 8 credit hours.

**Credit hours:** 1-4

**Contact hours:** Contact: 1-4 Other: 1-4

**Levels:** Undergraduate

**Schedule types:** Independent Study

**Department/School:** Music

**MUSI 1410 Major Trombone**

**Description:** Offered for variable credit, 1-4 credit hours, maximum of 8 credit hours.

**Credit hours:** 1-4

**Contact hours:** Contact: 1-4 Other: 1-4

**Levels:** Undergraduate

**Schedule types:** Independent Study

**Department/School:** Music

**MUSI 1420 Major Euphonium**

**Description:** Offered for variable credit, 1-4 credit hours, maximum of 8 credit hours.

**Credit hours:** 1-4

**Contact hours:** Contact: 1-4 Other: 1-4

**Levels:** Undergraduate

**Schedule types:** Independent Study

**Department/School:** Music

**MUSI 1430 Major Tuba**

**Description:** Offered for variable credit, 1-4 credit hours, maximum of 8 credit hours.

**Credit hours:** 1-4

**Contact hours:** Contact: 1-4 Other: 1-4

**Levels:** Undergraduate

**Schedule types:** Independent Study

**Department/School:** Music

**MUSI 1440 Major Percussion**

**Description:** Offered for variable credit, 1-4 credit hours, maximum of 8 credit hours.

**Credit hours:** 1-4

**Contact hours:** Contact: 1-4 Other: 1-4

**Levels:** Undergraduate

**Schedule types:** Independent Study

**Department/School:** Music

**MUSI 1531 Sight Singing and Aural Skills**

**Prerequisites:** Must have passed or be concurrently enrolled in MUSI 1532 Theory of Music I.

**Description:** Development of skills in sight singing and aural perception. Taken concurrently with MUSI 1532.

**Credit hours:** 1

**Contact hours:** Lecture: 2 Contact: 2

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Music

**Additional Fees:** Music Instruction fee of \$24 applies.

**MUSI 1532 Theory of Music I**

**Prerequisites:** MUSI 1002 Fundamentals of Music or receiving a passing score of 30 points or higher on the music theory diagnostic exam.

**Description:** The study of tonal harmony through analysis and composition. Taken concurrently with MUSI 1531. Previously offered as MUSI 1533.

**Credit hours:** 2

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Music

**MUSI 1541 Sight Singing and Aural Skills II**

**Prerequisites:** MUSI 1531 and MUSI 1532 with minimum grade of "C."

**Description:** A continuation of MUSI 1531. Taken concurrently with MUSI 1542.

**Credit hours:** 1

**Contact hours:** Lecture: 2 Contact: 2

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Music

**Additional Fees:** Music Instruction fee of \$24 applies.

**MUSI 1542 Theory of Music II**

**Prerequisites:** MUSI 1532 with minimum grade of "C."

**Description:** A continuation of MUSI 1532. Taken concurrently with MUSI 1541. Previously offered as MUSI 1543.

**Credit hours:** 2

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Music

**MUSI 1623 Introduction to Music Business**

**Prerequisites:** Music major status or consent of instructor.

**Description:** A survey of music business procedures, opportunities, technologies and trends.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Music

**MUSI 1631 Introduction to Diction for Singers**

**Description:** Designed for Music Education majors. Introduces and develops skills in pronunciation and diction for singing in English, Italian, French and German.

**Credit hours:** 1

**Contact hours:** Lecture: 1 Contact: 1

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Music

**MUSI 2010 Piano Class Lessons**

**Prerequisites:** MUSI 1021 with minimum grade of "C" and music major status.

**Description:** Class lessons for music majors (non-keyboard concentration) preparing for the piano proficiency examination. Previously offered as MUSI 2011. Offered for 1-fixed credit hour, maximum of 3 credit hours.

**Credit hours:** 1

**Contact hours:** Contact: 1 Other: 1

**Levels:** Undergraduate

**Schedule types:** Independent Study

**Department/School:** Music

**MUSI 2013 Popular Music Theory**

**Prerequisites:** MUSI 1542 with a minimum grade of "C" or MUSI 1543 with a minimum grade of "C".

**Description:** This course is a continuation of MUSI 1542. The course will focus on jazz and popular music theory, including elementary principles of popular chord voicings and arrangements, chord scale relationships, blues, AABA and other song forms. Analysis of jazz solo transcription as well as basic keyboard skills will be emphasized in addition to required listening to exceptional examples of standard popular music recordings.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Music

**MUSI 2051 High String Techniques**

**Description:** Methods for playing and teaching the violin and viola. Previously offered as MUSI 2052.

**Credit hours:** 1

**Contact hours:** Lab: 2 Contact: 2

**Levels:** Undergraduate

**Schedule types:** Lab

**Department/School:** Music

**Additional Fees:** Music Facility Utilization fee of \$40 applies.

**MUSI 2061 Low String Techniques**

**Description:** Methods for playing and teaching the cello and double bass. Previously offered as MUSI 2052.

**Credit hours:** 1

**Contact hours:** Lab: 2 Contact: 2

**Levels:** Undergraduate

**Schedule types:** Lab

**Department/School:** Music

**MUSI 2071 Flute Techniques**

**Description:** Methods for playing and teaching the flute.

**Credit hours:** 1

**Contact hours:** Lecture: 1 Contact: 1

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Music

**Additional Fees:** Music Facility Utilization fee of \$40 applies.

**MUSI 2080 Music Composition**

**Prerequisites:** Consent of instructor.

**Description:** Practical experience in musical composition. Offered for 1 credit hour.

**Credit hours:** 1

**Contact hours:** Contact: 1 Other: 1

**Levels:** Undergraduate

**Schedule types:** Independent Study

**Department/School:** Music

**Additional Fees:** Private Lesson Instruction fee of \$65 per credit hour applies.

**MUSI 2091 Low Brass Techniques**

**Description:** Methods for playing and teaching the trombone, euphonium, and tuba.

**Credit hours:** 1

**Contact hours:** Lecture: 1 Contact: 1

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Music

**Additional Fees:** Music Facility Utilization fee of \$40 applies.



**MUSI 2250 Major Organ****Prerequisites:** MUSI 1250.**Description:** Offered for variable credit, 1-4 credit hours, maximum of 8 credit hours.**Credit hours:** 1-4**Contact hours:** Contact: 1-4 Other: 1-4**Levels:** Undergraduate**Schedule types:** Independent Study**Department/School:** Music**MUSI 2260 Major Piano****Prerequisites:** MUSI 1260.**Description:** Offered for variable credit, 1-4 credit hours, maximum of 8 credit hours.**Credit hours:** 1-4**Contact hours:** Contact: 1-4 Other: 1-4**Levels:** Undergraduate**Schedule types:** Independent Study**Department/School:** Music**MUSI 2270 Major Voice****Prerequisites:** MUSI 1270.**Description:** Offered for variable credit, 1-4 credit hours, maximum of 8 credit hours.**Credit hours:** 1-4**Contact hours:** Contact: 1-4 Other: 1-4**Levels:** Undergraduate**Schedule types:** Independent Study**Department/School:** Music**MUSI 2280 Major Violin****Prerequisites:** MUSI 1280.**Description:** Offered for variable credit, 1-4 credit hours, maximum of 8 credit hours.**Credit hours:** 1-4**Contact hours:** Contact: 1-4 Other: 1-4**Levels:** Undergraduate**Schedule types:** Independent Study**Department/School:** Music**MUSI 2290 Major Viola****Prerequisites:** MUSI 1290.**Description:** Offered for variable credit, 1-4 credit hours, maximum of 8 credit hours.**Credit hours:** 1-4**Contact hours:** Contact: 1-4 Other: 1-4**Levels:** Undergraduate**Schedule types:** Independent Study**Department/School:** Music**MUSI 2300 Major Cello****Prerequisites:** MUSI 1300.**Description:** Offered for variable credit, 1-4 credit hours, maximum of 8 credit hours.**Credit hours:** 1-4**Contact hours:** Contact: 1-4 Other: 1-4**Levels:** Undergraduate**Schedule types:** Independent Study**Department/School:** Music**MUSI 2310 Major Double Bass****Prerequisites:** MUSI 1310.**Description:** Offered for variable credit, 1-4 credit hours, maximum of 8 credit hours.**Credit hours:** 1-4**Contact hours:** Contact: 1-4 Other: 1-4**Levels:** Undergraduate**Schedule types:** Independent Study**Department/School:** Music**MUSI 2340 Major Flute****Prerequisites:** MUSI 1340.**Description:** Offered for variable credit, 1-4 credit hours, maximum of 8 credit hours.**Credit hours:** 1-4**Contact hours:** Contact: 1-4 Other: 1-4**Levels:** Undergraduate**Schedule types:** Independent Study**Department/School:** Music**MUSI 2350 Major Oboe****Prerequisites:** MUSI 1350.**Description:** Offered for variable credit, 1-4 credit hours, maximum of 8 credit hours.**Credit hours:** 1-4**Contact hours:** Contact: 1-4 Other: 1-4**Levels:** Undergraduate**Schedule types:** Independent Study**Department/School:** Music**MUSI 2360 Major Clarinet****Prerequisites:** MUSI 1360.**Description:** Offered for variable credit, 1-4 credit hours, maximum of 8 credit hours.**Credit hours:** 1-4**Contact hours:** Contact: 1-4 Other: 1-4**Levels:** Undergraduate**Schedule types:** Independent Study**Department/School:** Music**MUSI 2370 Major Saxophone****Prerequisites:** MUSI 1370.**Description:** Offered for variable credit, 1-4 credit hours, maximum of 8 credit hours.**Credit hours:** 1-4**Contact hours:** Contact: 1-4 Other: 1-4**Levels:** Undergraduate**Schedule types:** Independent Study**Department/School:** Music**MUSI 2380 Major Bassoon****Prerequisites:** MUSI 1380.**Description:** Offered for variable credit, 1-4 credit hours, maximum of 8 credit hours.**Credit hours:** 1-4**Contact hours:** Contact: 1-4 Other: 1-4**Levels:** Undergraduate**Schedule types:** Independent Study**Department/School:** Music

**MUSI 2390 Major Trumpet****Prerequisites:** MUSI 1390.**Description:** Offered for variable credit, 1-4 credit hours, maximum of 8 credit hours.**Credit hours:** 1-4**Contact hours:** Contact: 1-4 Other: 1-4**Levels:** Undergraduate**Schedule types:** Independent Study**Department/School:** Music**MUSI 2400 Major French Horn****Prerequisites:** MUSI 1400.**Description:** Offered for variable credit, 1-4 credit hours, maximum of 8 credit hours.**Credit hours:** 1-4**Contact hours:** Contact: 1-4 Other: 1-4**Levels:** Undergraduate**Schedule types:** Independent Study**Department/School:** Music**MUSI 2410 Major Trombone****Prerequisites:** MUSI 1410.**Description:** Offered for variable credit, 1-4 credit hours, maximum of 8 credit hours.**Credit hours:** 1-4**Contact hours:** Contact: 1-4 Other: 1-4**Levels:** Undergraduate**Schedule types:** Independent Study**Department/School:** Music**MUSI 2420 Major Euphonium****Prerequisites:** MUSI 1420.**Description:** Offered for variable credit, 1-4 credit hours, maximum of 8 credit hours.**Credit hours:** 1-4**Contact hours:** Contact: 1-4 Other: 1-4**Levels:** Undergraduate**Schedule types:** Independent Study**Department/School:** Music**MUSI 2430 Major Tuba****Prerequisites:** MUSI 1430.**Description:** Offered for variable credit, 1-4 credit hours, maximum of 8 credit hours.**Credit hours:** 1-4**Contact hours:** Contact: 1-4 Other: 1-4**Levels:** Undergraduate**Schedule types:** Independent Study**Department/School:** Music**MUSI 2440 Major Percussion****Prerequisites:** MUSI 1440.**Description:** Offered for variable credit, 1-4 credit hours, maximum of 8 credit hours.**Credit hours:** 1-4**Contact hours:** Contact: 1-4 Other: 1-4**Levels:** Undergraduate**Schedule types:** Independent Study**Department/School:** Music**MUSI 2450 Major Harpsichord****Description:** Offered for variable credit, 1-4 credit hours, maximum of 8 credit hours.**Credit hours:** 1-4**Contact hours:** Contact: 1-4 Other: 1-4**Levels:** Undergraduate**Schedule types:** Independent Study**Department/School:** Music**MUSI 2480 Elective Applied Lessons****Prerequisites:** Permission of instructor.**Description:** Applied lessons for non-music majors or for majors studying secondary instruments.**Credit hours:** 1-2**Contact hours:** Contact: 1-2 Other: 1-2**Levels:** Undergraduate**Schedule types:** Independent Study**Department/School:** Music**Additional Fees:** Private Lesson Instruction fee of \$65 per credit hour applies.**MUSI 2490 Major Applied Lessons****Prerequisites:** Music major status.**Description:** Offered for variable credit, 1-4 credit hours, maximum of 8 credit hours.**Credit hours:** 1-4**Contact hours:** Contact: 1-4 Other: 1-4**Levels:** Undergraduate**Schedule types:** Independent Study**Department/School:** Music**MUSI 2551 Sight Singing and Aural Skills III****Prerequisites:** MUSI 1541 and MUSI 1542 with minimum grade of "C."**Description:** Further development of skills in sight singing and aural perception. Taken concurrently with MUSI 2552.**Credit hours:** 1**Contact hours:** Lecture: 2 Contact: 2**Levels:** Undergraduate**Schedule types:** Lecture**Department/School:** Music**Additional Fees:** Music Instruction fee of \$24 applies.**MUSI 2552 Theory of Music III****Prerequisites:** MUSI 1542 with minimum grade of "C."**Description:** A continuation of MUSI 1542. Taken concurrently with MUSI 2551. Previously offered as MUSI 2553.**Credit hours:** 2**Contact hours:** Lecture: 3 Contact: 3**Levels:** Undergraduate**Schedule types:** Lecture**Department/School:** Music**MUSI 2561 Sight Singing and Aural Skills IV****Prerequisites:** MUSI 2551 and MUSI 2552 with minimum grade of "C."**Description:** A continuation of MUSI 2551. Taken concurrently with MUSI 2562.**Credit hours:** 1**Contact hours:** Lecture: 2 Contact: 2**Levels:** Undergraduate**Schedule types:** Lecture**Department/School:** Music**Additional Fees:** Music Instruction fee of \$24 applies.

**MUSI 2562 Theory of Music IV**

**Prerequisites:** MUSI 2552 with minimum grade of "C."

**Description:** A continuation of MUSI 2552. Taken concurrently with MUSI 2561. Previously offered as MUSI 2563.

**Credit hours:** 2

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Music

**MUSI 2573 Introduction to Music (H)**

**Description:** Introduction to the great music of the past and present with the objective of bridging the gap between the audience and concert stage via active listening. No prior musical experience required. Previously offered as MUSI 2572.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Music

**General Education and other Course Attributes:** Humanities

**MUSI 2583 Hip-Hop Music**

**Description:** This course examines hip-hop as a musical genre and culture, exploring MCing/rapping, DJing/scratching, sampling, beat boxing, and break dancing, within its musical and social context.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Music

**MUSI 2603 Film Music**

**Description:** This course examines film music from the silent film era to present day. Students analyze film scores to observe the associations between music and film.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Music

**MUSI 2610 University Bands I**

**Description:** Beginning study of a wide variety of music in all areas of band literature. Offered for 1 fixed credit hour, maximum of 36 credit hours.

**Credit hours:** 1

**Contact hours:** Lab: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lab

**Department/School:** Music

**Additional Fees:** Music Facility Utilization fee of \$40 and Music Instruction fee of \$24 apply.

**MUSI 2620 Symphony Orchestra I**

**Description:** Beginning study of a wide variety of music in all areas of orchestral literature. Offered for 1 fixed credit hour, maximum of 36 credit hours.

**Credit hours:** 1

**Contact hours:** Lab: 4 Contact: 4

**Levels:** Undergraduate

**Schedule types:** Lab

**Department/School:** Music

**MUSI 2630 University Choral Ensembles I**

**Description:** Beginning study of a wide variety of music in all areas of choral literature. Offered for 1 fixed credit hour, maximum of 36 credit hours.

**Credit hours:** 1

**Contact hours:** Lab: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lab

**Department/School:** Music

**Additional Fees:** Music Facility Utilization fee of \$40 and Music Instruction fee of \$24 apply.

**MUSI 2722 Introduction to Music Education**

**Prerequisites:** MUSI 1542 with a minimum grade of "C" or MUSI 1543 with a minimum grade of "C".

**Description:** An entry level course designed to socialize the music education major to the role of the music education teacher within U.S. schools. Topics include motivation and management, learning theories, micro teaching, music advocacy, portfolio introduction, and early field experience. Previously offered as MUSI 1723.

**Credit hours:** 2

**Contact hours:** Lecture: 2 Contact: 2

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Music

**MUSI 2763 History of Rock and Roll (H)**

**Description:** Study of the origins and innovators of rock and roll music. Course will examine the musical, historical and sociological significance of a variety of genres. Previously offered as MUSI 3733. May not be used for degree credit with MUSI 3883.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Music

**General Education and other Course Attributes:** Humanities

**MUSI 2783 American Popular Music (H)**

**Description:** A survey of American popular music from the nineteenth century to the present day. Beginning with Tin Pan Alley and Broadway, the course traces many major developments in American popular music, such as rock and roll, country music, soul, funk, disco, punk rock, and hip-hop.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Music

**General Education and other Course Attributes:** Humanities

**MUSI 3012 Advanced Music Production**

**Prerequisites:** MUSIC 3672 with a minimum grade of "C".

**Description:** Students explore techniques and practices related to making sound recordings. The objective of the course is to create studio quality recordings using Pro Tools.

**Credit hours:** 2

**Contact hours:** Lecture: 2 Contact: 2

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Music

**MUSI 3013 Country Music**

**Description:** This course examines country music forerunners to present day commercial country music. Students explore social, political, and musical issues related to the American genre.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Music

**MUSI 3022 Piano Skills for Vocal Music Education Majors**

**Prerequisites:** MUSI 2010 with a minimum grade of "C" or consent of instructor.

**Description:** Development of skills in sight-reading, score reading, and general ensemble accompaniment for vocal music education majors.

**Credit hours:** 2

**Contact hours:** Lecture: 2 Contact: 2

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Music

**MUSI 3110 Elective Organ**

**Prerequisites:** MUSI 1110.

**Description:** Offered for variable credit, 1-2 credit hours, maximum of 8 credit hours.

**Credit hours:** 1-2

**Contact hours:** Contact: 1-2 Other: 1-2

**Levels:** Undergraduate

**Schedule types:** Independent Study

**Department/School:** Music

**MUSI 3120 Elective Piano**

**Prerequisites:** MUSI 1120.

**Description:** Offered for variable credit, 1-2 credit hours, maximum of 8 credit hours.

**Credit hours:** 1-2

**Contact hours:** Contact: 1-2 Other: 1-2

**Levels:** Undergraduate

**Schedule types:** Independent Study

**Department/School:** Music

**Additional Fees:** Music Facility Utilization fee of \$25, Music Instruction fee of \$50 per credit hour, and Music Instruction fee of \$24 apply.

**MUSI 3130 Elective Voice**

**Prerequisites:** Concurrent enrollment in a choral ensemble (MUSI 2630, MUSI 3630 and/or MUSI 4600) or permission of instructor.

**Description:** Offered for variable credit, 1-2 credit hours, maximum of 8 credit hours.

**Credit hours:** 1-2

**Contact hours:** Contact: 1-2 Other: 1-2

**Levels:** Undergraduate

**Schedule types:** Independent Study

**Department/School:** Music

**Additional Fees:** Music Instruction fee of \$50 per credit hour and Music Instruction fee of \$24 apply.

**MUSI 3140 Elective Brass**

**Prerequisites:** MUSI 1140.

**Description:** Offered for variable credit, 1-2 credit hours, maximum of 8 credit hours.

**Credit hours:** 1-2

**Contact hours:** Contact: 1-2 Other: 1-2

**Levels:** Undergraduate

**Schedule types:** Independent Study

**Department/School:** Music

**Additional Fees:** Music Instruction fee of \$50 per credit hour and Music Instruction fee of \$24 apply.

**MUSI 3150 Elective String**

**Prerequisites:** MUSI 1150.

**Description:** Offered for variable credit, 1-2 credit hours, maximum of 8 credit hours.

**Credit hours:** 1-2

**Contact hours:** Contact: 1-2 Other: 1-2

**Levels:** Undergraduate

**Schedule types:** Independent Study

**Department/School:** Music

**Additional Fees:** Music Instruction fee of \$50 per credit hour and Music Instruction fee of \$24 apply.

**MUSI 3160 Elective Woodwind**

**Prerequisites:** MUSI 1160.

**Description:** Offered for variable credit, 1-2 credit hours, maximum of 8 credit hours.

**Credit hours:** 1-2

**Contact hours:** Contact: 1-2 Other: 1-2

**Levels:** Undergraduate

**Schedule types:** Independent Study

**Department/School:** Music

**Additional Fees:** Music Instruction fee of \$50 per credit hour and Music Instruction fee of \$24 apply.

**MUSI 3170 Elective Percussion**

**Prerequisites:** MUSI 1170.

**Description:** Offered for variable credit, 1-2 credit hours, maximum of 8 credit hours.

**Credit hours:** 1-2

**Contact hours:** Contact: 1-2 Other: 1-2

**Levels:** Undergraduate

**Schedule types:** Independent Study

**Department/School:** Music

**Additional Fees:** Music Facility Utilization fee of \$25, Music Instruction fee of \$50 per credit hour, and Music Instruction fee of \$24 apply.

**MUSI 3180 Secondary Organ**

**Prerequisites:** MUSI 1180.

**Description:** Offered for variable credit, 1-2 credit hours, maximum of 8 credit hours.

**Credit hours:** 1-2

**Contact hours:** Contact: 1-2 Other: 1-2

**Levels:** Undergraduate

**Schedule types:** Independent Study

**Department/School:** Music

**Additional Fees:** Music Facility Utilization fee of \$25, Music Instruction fee of \$35 per credit hour, and Music Instruction fee of \$24 apply.

**MUSI 3190 Secondary Piano****Prerequisites:** MUSI 1190.**Description:** Offered for variable credit, 1-2 credit hours, maximum of 8 credit hours.**Credit hours:** 1-2**Contact hours:** Contact: 1-2 Other: 1-2**Levels:** Undergraduate**Schedule types:** Independent Study**Department/School:** Music**Additional Fees:** Music Facility Utilization fee of \$25, Music Instruction fee of \$35 per credit hour, and Music Instruction fee of \$24 apply.**MUSI 3200 Secondary Voice****Prerequisites:** MUSI 1200.**Description:** Offered for variable credit, 1-2 credit hours, maximum of 8 credit hours.**Credit hours:** 1-2**Contact hours:** Contact: 1-2 Other: 1-2**Levels:** Undergraduate**Schedule types:** Independent Study**Department/School:** Music**Additional Fees:** Music Instruction fee of \$35 per credit hour and Music Instruction fee of \$24 apply.**MUSI 3210 Secondary Brass****Prerequisites:** MUSI 1210.**Description:** Offered for variable credit, 1-2 credit hours, maximum of 8 credit hours.**Credit hours:** 1-2**Contact hours:** Contact: 1-2 Other: 1-2**Levels:** Undergraduate**Schedule types:** Independent Study**Department/School:** Music**Additional Fees:** Music Instruction fee of \$35 per credit hour and Music Instruction fee of \$24 apply.**MUSI 3220 Secondary String****Prerequisites:** MUSI 1220.**Description:** Offered for variable credit, 1-2 credit hours, maximum of 8 credit hours.**Credit hours:** 1-2**Contact hours:** Contact: 1-2 Other: 1-2**Levels:** Undergraduate**Schedule types:** Independent Study**Department/School:** Music**Additional Fees:** Music Instruction fee of \$35 per credit hour and Music Instruction fee of \$24 apply.**MUSI 3230 Secondary Woodwind****Prerequisites:** MUSI 1230.**Description:** Offered for variable credit, 1-2 credit hours, maximum of 8 credit hours.**Credit hours:** 1-2**Contact hours:** Contact: 1-2 Other: 1-2**Levels:** Undergraduate**Schedule types:** Independent Study**Department/School:** Music**Additional Fees:** Music Instruction fee of \$35 per credit hour and Music Instruction fee of \$24 apply.**MUSI 3240 Secondary Percussion****Prerequisites:** MUSI 1240.**Description:** Offered for variable credit, 1-2 credit hours, maximum of 8 credit hours.**Credit hours:** 1-2**Contact hours:** Contact: 1-2 Other: 1-2**Levels:** Undergraduate**Schedule types:** Independent Study**Department/School:** Music**Additional Fees:** Music Instruction fee of \$35 per credit hour and Music Instruction fee of \$24 apply.**MUSI 3250 Major Organ****Prerequisites:** MUSI 1250.**Description:** Offered for variable credit, 1-4 credit hours, maximum of 8 credit hours.**Credit hours:** 1-4**Contact hours:** Contact: 1-4 Other: 1-4**Levels:** Undergraduate**Schedule types:** Independent Study**Department/School:** Music**Additional Fees:** Music Facility Utilization fee of \$25, Music Instruction fee of \$35 per credit hour, and Music Instruction fee of \$24 apply.**MUSI 3260 Major Piano****Prerequisites:** Upper-division examination, MUSI 2260.**Description:** Offered for variable credit, 1-4 credit hours, maximum of 8 credit hours.**Credit hours:** 1-4**Contact hours:** Contact: 1-4 Other: 1-4**Levels:** Undergraduate**Schedule types:** Independent Study**Department/School:** Music**Additional Fees:** Music Facility Utilization fee of \$25, Music Instruction fee of \$35 per credit hour, and Music Instruction fee of \$24 apply.**MUSI 3270 Major Voice****Prerequisites:** Upper-division examination, MUSI 2270.**Description:** Offered for variable credit, 1-4 credit hours, maximum of 8 credit hours.**Credit hours:** 1-4**Contact hours:** Contact: 1-4 Other: 1-4**Levels:** Undergraduate**Schedule types:** Independent Study**Department/School:** Music**Additional Fees:** Music Instruction fee of \$35 per credit hour and Music Instruction fee of \$24 apply.**MUSI 3280 Major Violin****Prerequisites:** Upper-division examination, MUSI 2280.**Description:** Offered for variable credit, 1-4 credit hours, maximum of 8 credit hours.**Credit hours:** 1-4**Contact hours:** Contact: 1-4 Other: 1-4**Levels:** Undergraduate**Schedule types:** Independent Study**Department/School:** Music**Additional Fees:** Music Instruction fee of \$35 per credit hour and Music Instruction fee of \$24 apply.



**MUSI 3290 Major Viola****Prerequisites:** Upper-division examination, MUSI 2290.**Description:** Offered for variable credit, 1-4 credit hours, maximum of 8 credit hours.**Credit hours:** 1-4**Contact hours:** Contact: 1-4 Other: 1-4**Levels:** Undergraduate**Schedule types:** Independent Study**Department/School:** Music**Additional Fees:** Music Instruction fee of \$35 per credit hour and Music Instruction fee of \$24 apply.**MUSI 3300 Major Cello****Prerequisites:** Upper-division examination, MUSI 2300.**Description:** Offered for variable credit, 1-4 credit hours, maximum of 8 credit hours.**Credit hours:** 1-4**Contact hours:** Contact: 1-4 Other: 1-4**Levels:** Undergraduate**Schedule types:** Independent Study**Department/School:** Music**Additional Fees:** Music Instruction fee of \$35 per credit hour and Music Instruction fee of \$24 apply.**MUSI 3310 Major Double Bass****Prerequisites:** Upper-division examination, MUSI 2310.**Description:** Offered for variable credit, 1-4 credit hours, maximum of 8 credit hours.**Credit hours:** 1-4**Contact hours:** Contact: 1-4 Other: 1-4**Levels:** Undergraduate**Schedule types:** Independent Study**Department/School:** Music**Additional Fees:** Music Instruction fee of \$35 per credit hour and Music Instruction fee of \$24 apply.**MUSI 3340 Major Flute****Prerequisites:** Upper-division examination, MUSI 2340.**Description:** Offered for variable credit, 1-4 credit hours, maximum of 8 credit hours.**Credit hours:** 1-4**Contact hours:** Contact: 1-4 Other: 1-4**Levels:** Undergraduate**Schedule types:** Independent Study**Department/School:** Music**Additional Fees:** Music Instruction fee of \$35 per credit hour and Music Instruction fee of \$24 apply.**MUSI 3350 Major Oboe****Prerequisites:** Upper-division examination, MUSI 2350.**Description:** Offered for variable credit, 1-4 credit hours, maximum of 8 credit hours.**Credit hours:** 1-4**Contact hours:** Contact: 1-4 Other: 1-4**Levels:** Undergraduate**Schedule types:** Independent Study**Department/School:** Music**Additional Fees:** Music Instruction fee of \$35 per credit hour and Music Instruction fee of \$24 apply.**MUSI 3360 Major Clarinet****Prerequisites:** Upper-division examination, MUSI 2360.**Description:** Offered for variable credit, 1-4 credit hours, maximum of 8 credit hours.**Credit hours:** 1-4**Contact hours:** Contact: 1-4 Other: 1-4**Levels:** Undergraduate**Schedule types:** Independent Study**Department/School:** Music**Additional Fees:** Music Instruction fee of \$35 per credit hour and Music Instruction fee of \$24 apply.**MUSI 3370 Major Saxophone****Prerequisites:** Upper-division examination, MUSI 2370.**Description:** Offered for variable credit, 1-4 credit hours, maximum of 8 credit hours.**Credit hours:** 1-4**Contact hours:** Contact: 1-4 Other: 1-4**Levels:** Undergraduate**Schedule types:** Independent Study**Department/School:** Music**MUSI 3380 Major Bassoon****Prerequisites:** Upper-division examination, MUSI 2380.**Description:** Offered for variable credit, 1-4 credit hours, maximum of 8 credit hours.**Credit hours:** 1-4**Contact hours:** Contact: 1-4 Other: 1-4**Levels:** Undergraduate**Schedule types:** Independent Study**Department/School:** Music**Additional Fees:** Music Instruction fee of \$35 per credit hour and Music Instruction fee of \$24 apply.**MUSI 3390 Major Trumpet****Prerequisites:** Upper-division examination, MUSI 2390.**Description:** Offered for variable credit, 1-4 credit hours, maximum of 8 credit hours.**Credit hours:** 1-4**Contact hours:** Contact: 1-4 Other: 1-4**Levels:** Undergraduate**Schedule types:** Independent Study**Department/School:** Music**Additional Fees:** Music Instruction fee of \$35 per credit hour and Music Instruction fee of \$24 apply.**MUSI 3400 Major French Horn****Prerequisites:** Upper-division examination, MUSI 2400.**Description:** Offered for variable credit, 1-4 credit hours, maximum of 8 credit hours.**Credit hours:** 1-4**Contact hours:** Contact: 1-4 Other: 1-4**Levels:** Undergraduate**Schedule types:** Independent Study**Department/School:** Music**Additional Fees:** Music Instruction fee of \$35 per credit hour and Music Instruction fee of \$24 apply.



**MUSI 3410 Major Trombone**

**Prerequisites:** Upper-division examination, MUSI 2410.

**Description:** Offered for variable credit, 1-4 credit hours, maximum of 8 credit hours.

**Credit hours:** 1-4

**Contact hours:** Contact: 1-4 Other: 1-4

**Levels:** Undergraduate

**Schedule types:** Independent Study

**Department/School:** Music

**Additional Fees:** Music Instruction fee of \$35 per credit hour and Music Instruction fee of \$24 apply.

**MUSI 3420 Major Euphonium**

**Prerequisites:** Upper-division examination, MUSI 2420.

**Description:** Offered for variable credit, 1-4 credit hours, maximum of 8 credit hours.

**Credit hours:** 1-4

**Contact hours:** Contact: 1-4 Other: 1-4

**Levels:** Undergraduate

**Schedule types:** Independent Study

**Department/School:** Music

**Additional Fees:** Music Instruction fee of \$35 per credit hour and Music Instruction fee of \$24 apply.

**MUSI 3430 Major Tuba**

**Prerequisites:** Upper-division examination, MUSI 2430.

**Description:** Offered for variable credit, 1-4 credit hours, maximum of 8 credit hours.

**Credit hours:** 1-4

**Contact hours:** Contact: 1-4 Other: 1-4

**Levels:** Undergraduate

**Schedule types:** Independent Study

**Department/School:** Music

**Additional Fees:** Music Instruction fee of \$35 per credit hour and Music Instruction fee of \$24 apply.

**MUSI 3440 Major Percussion**

**Prerequisites:** Upper-division examination, MUSI 2440.

**Description:** Offered for variable credit, 1-4 credit hours, maximum of 8 credit hours.

**Credit hours:** 1-4

**Contact hours:** Contact: 1-4 Other: 1-4

**Levels:** Undergraduate

**Schedule types:** Independent Study

**Department/School:** Music

**Additional Fees:** Music Facility Utilization fee of \$25, Music Instruction fee of \$35 per credit hour, and Music Instruction fee of \$24 apply.

**MUSI 3460 Secondary Harpsichord**

**Description:** Offered for variable credit, 1-2 credit hours, maximum of 8 credit hours.

**Credit hours:** 1-2

**Contact hours:** Contact: 1-2 Other: 1-2

**Levels:** Undergraduate

**Schedule types:** Independent Study

**Department/School:** Music

**MUSI 3543 Music and Culture of Northern Italy (H)**

**Description:** Study of northern Italy's contributions to culture through music and composers, instrument makers, architecture, and visual arts.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Music

**General Education and other Course Attributes:** Humanities

**MUSI 3572 History of Opera in Society (H)**

**Description:** This course examines the development of opera not only as a genre of western European art music, but also as a class-based form of theatrical entertainment that served as commentary on contemporary artistic, social, and political issues.

**Credit hours:** 2

**Contact hours:** Lecture: 2 Contact: 2

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Music

**General Education and other Course Attributes:** Humanities

**MUSI 3573 America's Ethnic Music (DH)**

**Description:** A survey of the ethnic settlers of America and their musical traditions and literatures. Particular emphasis is given to settlers indigenous to Oklahoma. Students will examine their individual ethnic roots in music, family traditions, and life passages (births, deaths, celebrations).

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Music

**General Education and other Course Attributes:** Diversity, Humanities

**MUSI 3582 Survey of World Musics**

**Description:** Survey of musical systems, performance practices, and philosophies from around the world, highlighting non-Western musics.

**Credit hours:** 2

**Contact hours:** Lecture: 2 Contact: 2

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Music

**MUSI 3583 Traditional World Music (H)**

**Description:** Survey of the richly diverse musics of the world, emphasizing traditional musical practices. Exploration of the wide parameters of musical possibilities and the distinct priorities of various musical cultures, in order to gain insight and appreciation.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Music

**General Education and other Course Attributes:** Humanities

**MUSI 3592 Introduction to Music Technology**

**Prerequisites:** MUSI 1542 with a minimum grade of "C" or MUSI 1543 with a minimum grade of "C".

**Description:** Introduction to specialized computer applications in music, including music notation, digital audio recording, processing and editing.

**Credit hours:** 2

**Contact hours:** Lecture: 2 Contact: 2

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Music

**MUSI 3593 Video Game Music**

**Description:** This course examines the role of music as well as sound design (effects and ambient sounds) in video games. The course traces the history of video game music, exploring the similarities and differences from film music. Students focus on the interactivity and nonlinearity of video game music.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Music

**MUSI 3610 University Bands II**

**Prerequisites:** 4 hours of MUSI 2610.

**Description:** Advanced study of a wide variety of music in all areas of band literature. Offered for fixed, 1 fixed credit hour, maximum of 36 credit hours.

**Credit hours:** 1

**Contact hours:** Lab: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lab

**Department/School:** Music

**MUSI 3620 Symphony Orchestra II**

**Description:** Advanced study of a wide variety of music in all areas of orchestral literature. Offered for fixed credit, 1 fixed credit hour, maximum of 36 credit hours.

**Credit hours:** 1

**Contact hours:** Lab: 4 Contact: 4

**Levels:** Undergraduate

**Schedule types:** Lab

**Department/School:** Music

**MUSI 3630 University Choral Ensembles II**

**Description:** Advanced study of a wide variety of music in all areas of choral literature. Offered for fixed credit, 1 fixed credit hour, maximum of 36 credit hours.

**Credit hours:** 1

**Contact hours:** Lab: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lab

**Department/School:** Music

**Additional Fees:** Music Facility Utilization fee of \$40 and Music Instruction fee of \$24 apply.

**MUSI 3640 Vocal Rehearsal Practicum**

**Prerequisites:** MUSI 3712 with a minimum grade of "C"; AND MUSI 3832 with a minimum grade of "C"; and (MUSI 3932 with a minimum grade of "C" OR concurrent enrollment in MUSI 3932); OR consent of instructor.

**Description:** Designed for Vocal Music Education majors who are within two semesters of student teaching. This course prepares future teachers with classroom skills using one of the choral ensemble or lab group as their rehearsal medium. Previously offered as MUSI 3942. Same course as MUSI 3942. Offered for variable credit, 1-2 credit hours, maximum of 3 credit hours.

**Credit hours:** 1-2

**Contact hours:** Lab: 2-4 Contact: 2-4

**Levels:** Undergraduate

**Schedule types:** Lab

**Department/School:** Music

**MUSI 3641 Instrumental Rehearsal Practicum**

**Description:** Designed for Instrumental Music Education majors who are within two semesters of student teaching. This course prepares future teachers with classroom skills using an instrumental ensemble or lab group as their rehearsal medium. Previously offered as MUSI 3942 and MUSI 3640. Same course as MUSI 3640. Prerequisite(s): MUSI 3712 with a minimum grade of "C"; and MUSI 3832 with a minimum grade of "C"; AND concurrent enrollment in MUSI 3852 OR MUSI 3862; OR consent of instructor.

**Credit hours:** 1

**Contact hours:** Lab: 2 Contact: 2

**Levels:** Undergraduate

**Schedule types:** Lab

**Department/School:** Music

**MUSI 3642 English and Italian Diction and Vocal Literature**

**Description:** Course is designed for vocal performance majors, vocal music education majors and other serious voice students to assist them in mastering correct pronunciation and diction for singing standard English and Italian through the study and use of the international phonetic alphabet, and to familiarize them with many of the composers and songs which comprise the standard English and Italian vocal literature.

**Credit hours:** 2

**Contact hours:** Lecture: 2 Contact: 2

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Music

**MUSI 3652 French Diction and Vocal Literature**

**Description:** Course is designed for vocal performance majors, vocal music education majors and other serious voice students to assist them in mastering correct pronunciation and diction for singing in French through the study and use of the international phonetic alphabet, and to familiarize them with many of the composers and songs which comprise the standard French vocal literature.

**Credit hours:** 2

**Contact hours:** Lecture: 2 Contact: 2

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Music

**MUSI 3662 German Diction and Vocal Literature**

**Description:** Course is designed for vocal performance majors, vocal music education majors and other serious voice students to assist them in mastering correct pronunciation and diction for singing in German through the study and use of the international phonetic alphabet, and to familiarize them with many of the composers and songs which comprise the standard German vocal literature.

**Credit hours:** 2

**Contact hours:** Lecture: 2 Contact: 2

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Music

**MUSI 3672 Music Technology II**

**Prerequisites:** MUSI 3592 with a minimum grade of "C".

**Description:** This course is a continuation of MUSI 3592. Music technology is a significant force in many aspects of contemporary music. This is especially apparent in the "pop" world (examples including amplification effects, synthetic instruments, music videos, and performance augmentation), but technology is not limited to this genre alone. MUSI 3672 will focus on acoustics, recording techniques, sound design and sound effects.

**Credit hours:** 2

**Contact hours:** Lecture: 2 Contact: 2

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Music

**MUSI 3712 Basic Conducting**

**Description:** Principles of conducting choral and instrumental groups.

**Credit hours:** 2

**Contact hours:** Lecture: 2 Contact: 2

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Music

**MUSI 3722 Advanced Ensemble Conducting**

**Prerequisites:** MUSI 3712 with a minimum grade of "C".

**Description:** Studies in advanced physical conducting techniques and score orientation, score reading, score analysis, and score interpretation.

**Credit hours:** 2

**Contact hours:** Lecture: 2 Contact: 2

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Music

**MUSI 3732 Secondary Choral Methods**

**Prerequisites:** MUSI 3712 with a minimum grade of "C".

**Description:** Repertoire, rehearsal procedures, and vocal techniques for the public school choral teacher.

**Credit hours:** 2

**Contact hours:** Lecture: 2 Contact: 2

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Music

**MUSI 3741 Survey of Rock and Roll I**

**Description:** An examination of the cultural and musical elements that led to the advent of Rock and Roll, through an exploration of the evolution of the music from its inception to 1980 through lecture, reading and musical recordings.

**Credit hours:** 1

**Contact hours:** Lecture: 1 Contact: 1

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Music

**MUSI 3751 Survey of Rock and Roll II**

**Description:** An examination of the cultural and musical elements that led to the advent of Rock and Roll, through an exploration of the music from 1980 to the present.

**Credit hours:** 1

**Contact hours:** Lecture: 1 Contact: 1

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Music

**MUSI 3753 History of Music to 1600 (H)**

**Prerequisites:** MUSI 1542 with a minimum grade of "C" or MUSI 1543 with a minimum grade of "C".

**Description:** Aids music majors and other qualified students in understanding the musical styles, forms, schools, composers and instruments that developed in Western civilization from antiquity through the Renaissance period.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Music

**General Education and other Course Attributes:** Humanities

**MUSI 3763 History of Music from 1600-1800**

**Prerequisites:** MUSI 1542 with a minimum grade of "C" or MUSI 1543 with a minimum grade of "C".

**Description:** Aids music majors and other qualified students in understanding the musical styles, forms, schools, composers and instruments that developed in Western civilization from the Baroque period through to the Classical period.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Music

**MUSI 3772 Counterpoint**

**Prerequisites:** (MUSI 2562 with a minimum grade of "C" or MUSI 2563 with a minimum grade of "C") and consent of instructor.

**Description:** Analysis and application of contrapuntal techniques of the 18th century. Students will be expected to have successfully passed the Upper-Division Theory Barrier Exam before enrolling in the course.

**Credit hours:** 2

**Contact hours:** Lecture: 2 Contact: 2

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Music

**MUSI 3783 Form And Analysis**

**Prerequisites:** MUSI 2552 with minimum grade of "C" and successfully pass the Upper-Division Theory Barrier Exam.

**Description:** Analysis of standard repertoire with emphasis on form and structural harmonic analysis.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Music

**Additional Fees:** Music Instruction fee of \$24 applies.

**MUSI 3832 Elementary Music Methods**

**Prerequisites:** MUSI 2722 with a minimum grade of "C".

**Description:** An overview of effective methods, techniques and materials for teaching music to children in the elementary grades. Theories of child development and implications on music learning; current philosophies or approaches for teaching music (Kodaly, Orff, and Dalcroze); designing and teaching musical activities through which children learn musical concepts and develop musical skills. Previously offered as MUSI 2832.

**Credit hours:** 2

**Contact hours:** Lecture: 2 Contact: 2

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Music

**MUSI 3842 Marching Bands Methods**

**Prerequisites:** MUSI 2722 with a minimum grade of "C" and (MUSI 3832 with a minimum grade of "C" or concurrent enrollment) and (concurrent enrollment in MUSI 2610 or MUSI 3610 (marching band)).

**Description:** Organizational responsibilities and charting for public school marching bands. Must be taken concurrently with MUSI 2610 or MUSI 3610 (marching band).

**Credit hours:** 2

**Contact hours:** Lecture: 2 Contact: 2

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Music

**MUSI 3852 Secondary Instrumental Methods**

**Prerequisites:** MUSI 3712 with a minimum grade of "C" and MUSI 3832 with a minimum grade of "C".

**Description:** This course is designed to give instrumental music education majors an in-depth look at administering a public school band program, including history and wind literature, literature selection, preparing budgets, preparing commissioning projects, working with administration, school boards and parent groups, organizational responsibilities, and charting for public school marching bands.

**Credit hours:** 2

**Contact hours:** Lecture: 2 Contact: 2

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Music

**MUSI 3862 String Orchestra Methods**

**Prerequisites:** MUSI 2722 with a minimum grade of "C".

**Description:** This course is designed to give string music education majors an in-depth look at administering a public school orchestra program, including history and string literature, literature selection, preparing budgets, working with administration, school boards and parent groups, organizational responsibilities, and concepts specifically related to string teaching and learning.

**Credit hours:** 2

**Contact hours:** Lecture: 2 Contact: 2

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Music

**MUSI 3873 History of Music from 1800-Present**

**Description:** Aids music majors and other qualified students in understanding the musical styles, forms, schools, composers and instruments that developed in Western civilization from the Romantic period through to the present.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Music

**MUSI 3883 History of Popular Music**

**Description:** A survey of popular music, the course traces its developments and explores its derivatives until present day. In addition to music analysis, discussion on the subject explores the appeal of popular music, the means of dissemination, and society. May not be used for degree credit with MUSI 2763.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Music

**MUSI 3901 Junior Recital**

**Prerequisites:** Junior standing and consent of major applied music teacher.

**Description:** The objective of this course is to prepare and perform a junior recital that meets the necessary artistic and technical standards expected of a junior music major.

**Credit hours:** 1

**Contact hours:** Contact: 1 Other: 1

**Levels:** Undergraduate

**Schedule types:** Independent Study

**Department/School:** Music

**Additional Fees:** Recital/Performance fee of \$100 applies.

**MUSI 3932 Intermediate Music Methods**

**Prerequisites:** MUSI 3832 with a minimum grade of "C".

**Description:** Second in a series of three methods courses for vocal music education majors. Hands-on teaching experiences. Topics include curriculum design and evaluation; technology for music instruction; repertoire selection and effective rehearsal techniques. Previously offered as MUSI 2832.

**Credit hours:** 2

**Contact hours:** Lecture: 2 Contact: 2

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Music

**MUSI 4042 Collaborative Piano I**

**Prerequisites:** Music major status or consent of instructor.

**Description:** This course introduces pianists to various collaborative works focusing on vocal repertoire from early Italian songs written in the late Renaissance era through the music of our times. This course will feature class performance and coaching sessions, and discussions of style and practical rehearsal techniques, with listening and reading assignments. Through the course, students will learn the art of collaborating with vocalists. No credit for students with credit in MUSI 5042.

**Credit hours:** 2

**Contact hours:** Lecture: 2 Contact: 2

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Music

**MUSI 4051 Introduction to Woodwind Repair and Maintenance**

**Description:** Beginning woodwind repair and maintenance involves hands-on instruction on basic repair for woodwind instruments, including saxophone, clarinet, and flute. Woodwind repair experts will guest lecture in addition to the primary instructor.

**Credit hours:** 1

**Contact hours:** Lecture: 1 Contact: 1

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Music

**MUSI 4080 Music Composition**

**Prerequisites:** Consent of instructor, MUSI 2080.

**Description:** Practical experience in musical composition. Offered for 2 credit hours.

**Credit hours:** 2

**Contact hours:** Contact: 2 Other: 2

**Levels:** Undergraduate

**Schedule types:** Independent Study

**Department/School:** Music

**MUSI 4100 Music Industry Internship**

**Prerequisites:** 90 credit hours and minimum 2.50 GPA in all music and business courses.

**Description:** Directed practical experiences in an approved work situation related to the music industry. Offered for variable credit, 1-8 credit hours, maximum of 8 credit hours.

**Credit hours:** 1-8

**Contact hours:** Contact: 1-8 Other: 1-8

**Levels:** Undergraduate

**Schedule types:** Independent Study

**Department/School:** Music

**MUSI 4142 Collaborative Piano II**

**Prerequisites:** Music major status or consent of instructor.

**Description:** This course introduces pianists to duo/chamber repertoire written for piano with various instruments. This course will feature class performances, discussions of style and practical techniques in rehearsal, and recital performances as a collaborative pianist. The course will focus on repertoire from the Baroque era to the present, including works for solo instruments and piano, duo sonatas, character pieces, and chamber music for 3 or more instruments. May not be used for degree credit with MUSI 5142.

**Credit hours:** 2

**Contact hours:** Lecture: 2 Contact: 2

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Music

**MUSI 4250 Major Organ**

**Credit hours:** 1-4

**Contact hours:** Contact: 1-4 Other: 1-4

**Levels:** Undergraduate

**Schedule types:** Independent Study

**Department/School:** Music

**Additional Fees:** Music Facility Utilization fee of \$25, Music Instruction fee of \$35 per credit hour, and Music Instruction fee of \$24 apply.

**MUSI 4260 Major Piano**

**Prerequisites:** MUSI 3260 and successful completion of recital attendance requirements.

**Description:** Offered for variable credit, 1-4 credit hours, maximum of 8 credit hours.

**Credit hours:** 1-4

**Contact hours:** Contact: 1-4 Other: 1-4

**Levels:** Undergraduate

**Schedule types:** Independent Study

**Department/School:** Music

**Additional Fees:** Music Facility Utilization fee of \$25, Music Instruction fee of \$35 per credit hour, and Music Instruction fee of \$24 apply.

**MUSI 4270 Major Voice**

**Prerequisites:** MUSI 3270 and successful completion of recital attendance requirements.

**Description:** Offered for variable credit, 1-4 credit hours, maximum of 8 credit hours.

**Credit hours:** 1-4

**Contact hours:** Contact: 1-4 Other: 1-4

**Levels:** Undergraduate

**Schedule types:** Independent Study

**Department/School:** Music

**Additional Fees:** Music Instruction fee of \$35 per credit hour and Music Instruction fee of \$24 apply.

**MUSI 4280 Major Violin**

**Prerequisites:** MUSI 3280 and successful completion of recital attendance requirements.

**Description:** Offered for variable credit, 1-4 credit hours, maximum of 8 credit hours.

**Credit hours:** 1-4

**Contact hours:** Contact: 1-4 Other: 1-4

**Levels:** Undergraduate

**Schedule types:** Independent Study

**Department/School:** Music

**Additional Fees:** Music Instruction fee of \$35 per credit hour and Music Instruction fee of \$24 apply.

**MUSI 4290 Major Viola**

**Prerequisites:** MUSI 3290 and successful completion of recital attendance requirements.

**Description:** Offered for variable credit, 1-4 credit hours, maximum of 8 credit hours.

**Credit hours:** 1-4

**Contact hours:** Contact: 1-4 Other: 1-4

**Levels:** Undergraduate

**Schedule types:** Independent Study

**Department/School:** Music

**Additional Fees:** Music Instruction fee of \$35 per credit hour and Music Instruction fee of \$24 apply.



**MUSI 4300 Major Cello**

**Prerequisites:** MUSI 3300 and successful completion of recital attendance requirements.

**Description:** Offered for variable credit, 1-4 credit hours, maximum of 8 credit hours.

**Credit hours:** 1-4

**Contact hours:** Contact: 1-4 Other: 1-4

**Levels:** Undergraduate

**Schedule types:** Independent Study

**Department/School:** Music

**Additional Fees:** Music Instruction fee of \$35 per credit hour and Music Instruction fee of \$24 apply.

**MUSI 4310 Major Double Bass**

**Prerequisites:** MUSI 3310 and successful completion of recital attendance requirements.

**Description:** Offered for variable credit, 1-4 credit hours, maximum of 8 credit hours.

**Credit hours:** 1-4

**Contact hours:** Contact: 1-4 Other: 1-4

**Levels:** Undergraduate

**Schedule types:** Independent Study

**Department/School:** Music

**Additional Fees:** Music Instruction fee of \$35 per credit hour and Music Instruction fee of \$24 apply.

**MUSI 4340 Major Flute**

**Prerequisites:** MUSI 3340 and successful completion of recital attendance requirements.

**Description:** Offered for variable credit, 1-4 credit hours, maximum of 8 credit hours.

**Credit hours:** 1-4

**Contact hours:** Contact: 1-4 Other: 1-4

**Levels:** Undergraduate

**Schedule types:** Independent Study

**Department/School:** Music

**Additional Fees:** Music Instruction fee of \$35 per credit hour and Music Instruction fee of \$24 apply.

**MUSI 4350 Major Oboe**

**Prerequisites:** MUSI 3350 and successful completion of recital attendance requirements.

**Description:** Offered for variable credit, 1-4 credit hours, maximum of 8 credit hours.

**Credit hours:** 1-4

**Contact hours:** Contact: 1-4 Other: 1-4

**Levels:** Undergraduate

**Schedule types:** Independent Study

**Department/School:** Music

**Additional Fees:** Music Instruction fee of \$35 per credit hour and Music Instruction fee of \$24 apply.

**MUSI 4360 Major Clarinet**

**Prerequisites:** MUSI 3360 and successful completion of recital attendance requirements.

**Description:** Offered for variable credit, 1-4 credit hours, maximum of 8 credit hours.

**Credit hours:** 1-4

**Contact hours:** Contact: 1-4 Other: 1-4

**Levels:** Undergraduate

**Schedule types:** Independent Study

**Department/School:** Music

**Additional Fees:** Music Instruction fee of \$35 per credit hour and Music Instruction fee of \$24 apply.

**MUSI 4370 Major Saxophone**

**Prerequisites:** MUSI 3370 and successful completion of recital attendance requirements.

**Description:** Offered for variable credit, 1-4 credit hours, maximum of 8 credit hours.

**Credit hours:** 1-4

**Contact hours:** Contact: 1-4 Other: 1-4

**Levels:** Undergraduate

**Schedule types:** Independent Study

**Department/School:** Music

**Additional Fees:** Music Instruction fee of \$35 per credit hour and Music Instruction fee of \$24 apply.

**MUSI 4380 Major Bassoon**

**Prerequisites:** MUSI 3380 and successful completion of recital attendance requirements.

**Description:** Offered for variable credit, 1-4 credit hours, maximum of 8 credit hours.

**Credit hours:** 1-4

**Contact hours:** Contact: 1-4 Other: 1-4

**Levels:** Undergraduate

**Schedule types:** Independent Study

**Department/School:** Music

**Additional Fees:** Music Instruction fee of \$35 per credit hour and Music Instruction fee of \$24 apply.

**MUSI 4390 Major Trumpet**

**Prerequisites:** MUSI 3390 and successful completion of recital attendance requirements.

**Description:** Offered for variable credit, 1-4 credit hours, maximum of 8 credit hours.

**Credit hours:** 1-4

**Contact hours:** Contact: 1-4 Other: 1-4

**Levels:** Undergraduate

**Schedule types:** Independent Study

**Department/School:** Music

**Additional Fees:** Music Instruction fee of \$35 per credit hour and Music Instruction fee of \$24 apply.

**MUSI 4400 Major French Horn**

**Prerequisites:** MUSI 3400 and successful completion of recital attendance requirements.

**Description:** Offered for variable credit, 1-4 credit hours, maximum of 8 credit hours.

**Credit hours:** 1-4

**Contact hours:** Contact: 1-4 Other: 1-4

**Levels:** Undergraduate

**Schedule types:** Independent Study

**Department/School:** Music

**Additional Fees:** Music Instruction fee of \$35 per credit hour and Music Instruction fee of \$24 apply.

**MUSI 4410 Major Trombone**

**Prerequisites:** MUSI 3410 and successful completion of recital attendance requirements.

**Description:** Offered for variable credit, 1-4 credit hours, maximum of 8 credit hours.

**Credit hours:** 1-4

**Contact hours:** Contact: 1-4 Other: 1-4

**Levels:** Undergraduate

**Schedule types:** Independent Study

**Department/School:** Music

**Additional Fees:** Music Instruction fee of \$35 per credit hour and Music Instruction fee of \$24 apply.



**MUSI 4420 Major Euphonium**

**Prerequisites:** MUSI 3420 and successful completion of recital attendance requirements.

**Description:** Offered for variable credit, 1-4 credit hours, maximum of 8 credit hours.

**Credit hours:** 1-4

**Contact hours:** Contact: 1-4 Other: 1-4

**Levels:** Undergraduate

**Schedule types:** Independent Study

**Department/School:** Music

**Additional Fees:** Music Instruction fee of \$35 per credit hour and Music Instruction fee of \$24 apply.

**MUSI 4430 Major Tuba**

**Prerequisites:** MUSI 3430 and successful completion of recital attendance requirements.

**Description:** Offered for variable credit, 1-4 credit hours, maximum of 8 credit hours.

**Credit hours:** 1-4

**Contact hours:** Contact: 1-4 Other: 1-4

**Levels:** Undergraduate

**Schedule types:** Independent Study

**Department/School:** Music

**Additional Fees:** Music Instruction fee of \$35 per credit hour and Music Instruction fee of \$24 apply.

**MUSI 4440 Major Percussion**

**Prerequisites:** 3440 and successful completion of recital attendance requirements.

**Description:** Offered for variable credit, 1-4 credit hours, maximum of 8 credit hours.

**Credit hours:** 1-4

**Contact hours:** Contact: 1-4 Other: 1-4

**Levels:** Undergraduate

**Schedule types:** Independent Study

**Department/School:** Music

**Additional Fees:** Music Facility Utilization fee of \$25, Music Instruction fee of \$35 per credit hour, and Music Instruction fee of \$24 apply.

**MUSI 4450 Major Harpsichord**

**Description:** Offered for variable credit, 1-4 credit hours, maximum of 8 credit hours.

**Credit hours:** 1-4

**Contact hours:** Contact: 1-4 Other: 1-4

**Levels:** Undergraduate

**Schedule types:** Independent Study

**Department/School:** Music

**MUSI 4480 Elective Applied Lessons**

**Prerequisites:** Permission of instructor.

**Description:** Applied lessons for non-music majors or for majors studying secondary instruments.

**Credit hours:** 1-2

**Contact hours:** Contact: 1-2 Other: 1-2

**Levels:** Undergraduate

**Schedule types:** Independent Study

**Department/School:** Music

**MUSI 4600 Chamber Ensembles**

**Description:** Combinations of voice, keyboard, and orchestral instruments for performing chamber music, music theater and duo piano repertoire. Same course as MUSI 5600. Offered for fixed credit, 1 fixed credit hour, maximum of 36 credit hours.

**Credit hours:** 1

**Contact hours:** Lab: 2 Contact: 2

**Levels:** Undergraduate

**Schedule types:** Lab

**Department/School:** Music

**Additional Fees:** Music Facility Utilization fee of \$40 applies.

**MUSI 4700 Piano Accompanying**

**Prerequisites:** Music major status or consent of instructor.

**Description:** The course is designed for piano students to develop techniques needed to study, analyze, and perform as accompanists. The piano majors will have one-hour weekly coaching sessions and learn various duo repertoire in collaborations with a vocalist and an instrumentalist assigned by the instructor of the course throughout the semester. Same course as MUSI 5700.

**Credit hours:** 1

**Contact hours:** Contact: 1 Other: 1

**Levels:** Undergraduate

**Schedule types:** Independent Study

**Department/School:** Music

**MUSI 4742 Student Teaching Seminar in Music Education**

**Prerequisites:** MUSI 3832 with a minimum grade of "C".

**Description:** This course is designed to foster the growth of skills necessary for successful music teaching in the public schools. Taught in conjunction with MUSI 4940, student teaching in the public schools. In-class seminars and on-line discussions will focus on current trends, issues, and challenges facing music educators today. Previously offered as MUSI 3743.

**Credit hours:** 2

**Contact hours:** Lecture: 1 Contact: 2 Other: 1

**Levels:** Undergraduate

**Schedule types:** Discussion, Combined lecture & discussion, Lecture

**Department/School:** Music

**MUSI 4810 Problems in Musical Composition**

**Prerequisites:** MUSI 1542 with a minimum grade of "C" or MUSI 1543 with a minimum grade of "C".

**Description:** Practical experience in musical composition. May not be used for degree credit with MUSI 5810. Offered for variable credit, 1-2 credit hours, maximum of 8 credit hours.

**Credit hours:** 1-2

**Contact hours:** Contact: 1-2 Other: 1-2

**Levels:** Undergraduate

**Schedule types:** Independent Study

**Department/School:** Music

**MUSI 4812 Performance and Analysis**

**Prerequisites:** Junior standing as a music major or consent of instructor.

**Description:** An overview of the relationship between performance and analysis within the field of music theory. No degree credit for students with credit in MUSI 5812.

**Credit hours:** 2

**Contact hours:** Lecture: 2 Contact: 2

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Music

**MUSI 4840 Special Studies in Music Literature****Prerequisites:** Junior standing or consent of instructor.**Description:** Survey of music literature suitable for teaching various levels in applied music. Offered for fixed credit, 2 fixed credit hours, maximum of 4 credit hours.**Credit hours:** 2**Contact hours:** Contact: 2 Other: 2**Levels:** Undergraduate**Schedule types:** Independent Study**Department/School:** Music**MUSI 4842 Choral Literature for the Classroom****Prerequisites:** MUSI 3732 with a minimum grade of "C".**Description:** Exploration of the vast amount of choral literature available to the choral conductor. Includes repertoire for all ages and all voices.**Credit hours:** 2**Contact hours:** Lecture: 2 Contact: 2**Levels:** Undergraduate**Schedule types:** Lecture**Department/School:** Music**MUSI 4890 Special Studies in Music Pedagogy****Prerequisites:** Junior standing or consent of instructor.**Description:** Survey of music pedagogical methods suitable for various levels and types of applied music. May not be used for degree credit with MUSI 5890. Offered for variable credit, 1-2 credit hours, maximum of 4 credit hours.**Credit hours:** 1-2**Contact hours:** Contact: 1-2 Other: 1-2**Levels:** Undergraduate**Schedule types:** Independent Study**Department/School:** Music**MUSI 4901 Senior Recital****Prerequisites:** Senior standing and permission of major applied music teacher.**Description:** The objective of this course is to prepare and perform a senior recital that meets the necessary artistic and technical standards expected of a senior music major.**Credit hours:** 1**Contact hours:** Contact: 1 Other: 1**Levels:** Undergraduate**Schedule types:** Independent Study**Department/School:** Music**Additional Fees:** Recital/Performance fee of \$100 applies.**MUSI 4912 Orchestration and Arranging****Prerequisites:** Upper-division standing as a music major or consent of instructor.**Description:** Orchestrating for instrumental ensembles and arranging for choral ensembles.**Credit hours:** 2**Contact hours:** Lecture: 2 Contact: 2**Levels:** Undergraduate**Schedule types:** Lecture**Department/School:** Music**Additional Fees:** Music Instruction fee of \$24 applies.**MUSI 4940 Student Teaching in Public School Music****Prerequisites:** Full admission to Professional Education.**Description:** Directed observation, seminars, and supervised student teaching in selected elementary and secondary music programs. Graded on a pass-fail basis. Offered for variable credit, 6-10 credit hours, maximum of 10 credit hours.**Credit hours:** 6-10**Contact hours:** Contact: 6-10 Other: 6-10**Levels:** Undergraduate**Schedule types:** Independent Study**Department/School:** Music**Additional Fees:** Music Teaching fee of \$25 applies.**MUSI 4952 Music in the School Curriculum****Description:** Aims, content and motivation of the music education program in elementary and secondary schools from the standpoint of the classroom teacher, music specialist and administrator. May not be used for degree credit with MUSI 5952.**Credit hours:** 2**Contact hours:** Lecture: 3 Contact: 3**Levels:** Undergraduate**Schedule types:** Lecture**Department/School:** Music**MUSI 4962 Music Education Seminar****Description:** Research into latest developments of public school choral and instrumental music. May not be used for degree credit with MUSI 5942.**Credit hours:** 2**Contact hours:** Lecture: 3 Contact: 3**Levels:** Undergraduate**Schedule types:** Lecture**Department/School:** Music**MUSI 4972 Post Tonal Analysis****Prerequisites:** MUSI 2552 with minimum grade of "C" and successfully pass the Upper-Division Theory Barrier Exam.**Description:** Techniques for the analysis of music from the 20th and 21st centuries, including set analysis.**Credit hours:** 2**Contact hours:** Lecture: 2 Contact: 2**Levels:** Undergraduate**Schedule types:** Lecture**Department/School:** Music**Additional Fees:** Music Instruction fee of \$24 applies.**MUSI 4990 Selected Studies in Music and Music Education****Description:** Short-term area studies in music and music education. Offered for variable credit, 1-3 credit hours, maximum of 8 credit hours.**Credit hours:** 1-3**Contact hours:** Contact: 1-3 Other: 1-3**Levels:** Undergraduate**Schedule types:** Independent Study**Department/School:** Music

**MUSI 4993 Senior Honors Project**

**Prerequisites:** Departmental invitation, senior standing, Honors Program participation.

**Description:** A guided program in musicological research, music composition, or music performance, ending with an honors project under the direction of a faculty member with a second faculty member to complete an examining committee. Required for graduation with departmental honors in music.

**Credit hours:** 3

**Contact hours:** Contact: 3 Other: 3

**Levels:** Undergraduate

**Schedule types:** Independent Study

**Department/School:** Music

**General Education and other Course Attributes:** Honors Credit

**MUSI 5002 Final Degree Performance**

**Description:** Prepare and perform or conduct a public concert or recital of significant repertoire.

**Credit hours:** 2

**Contact hours:** Contact: 2 Other: 2

**Levels:** Graduate

**Schedule types:** Independent Study

**Department/School:** Music

**MUSI 5012 Final Degree Project and Oral Examination**

**Description:** Final capstone project in performance or conducting as assigned by disciplinary area, and cumulative oral examination before a designated committee of faculty. Detailed information on acceptable projects are found in the Graduate Music Student Handbook. Previously offered as MUSI 5004.

**Credit hours:** 2

**Contact hours:** Contact: 2 Other: 2

**Levels:** Graduate

**Schedule types:** Independent Study

**Department/School:** Music

**MUSI 5022 Graduate Theory Review**

**Description:** Designed as a review of musical analysis materials and techniques necessary to prepare students for further studies in music analysis at the graduate level. Enrollment is mandated or encouraged based on entrance exam scores.

**Credit hours:** 2

**Contact hours:** Lecture: 2 Contact: 2

**Levels:** Graduate

**Schedule types:** Lecture

**Department/School:** Music

**MUSI 5032 Graduate History Review**

**Description:** A review of the development of Western European art music from the medieval era to the present day to enable graduate students to study music history at the graduate level. Enrollment is mandated or encouraged based on entrance exam scores.

**Credit hours:** 2

**Contact hours:** Lecture: 2 Contact: 2

**Levels:** Graduate

**Schedule types:** Lecture

**Department/School:** Music

**MUSI 5042 Collaborative Piano I**

**Prerequisites:** Music major status or consent of instructor.

**Description:** This course introduces pianists to various collaborative works focusing on vocal repertoire from early Italian songs written in the late Renaissance era through the music of our times. This course will feature class performance and coaching sessions, and discussions of style and practical rehearsal techniques, with listening and reading assignments. Through the course, students will learn the art of collaborating with vocalists. May not be used for degree credit with credit in MUSI 4042.

**Credit hours:** 2

**Contact hours:** Lecture: 2 Contact: 2

**Levels:** Graduate

**Schedule types:** Lecture

**Department/School:** Music

**MUSI 5051 Introduction to Woodwind Repair and Maintenance**

**Description:** Beginning woodwind repair and maintenance involves hands-on instruction on basic repair for woodwind instruments, including saxophone, clarinet, and flute. Woodwind repair experts will guest lecture in addition to the primary instructor.

**Credit hours:** 1

**Contact hours:** Lecture: 1 Contact: 1

**Levels:** Graduate

**Schedule types:** Lecture

**Department/School:** Music

**MUSI 5113 Introduction to Graduate Studies in Music**

**Prerequisites:** Admission to Master of Music program.

**Description:** Understanding of the resources available for research in the field of music. Explanation of the types of research materials needed for classes in the Master of Music degree program, as well as providing the groundwork for success in the professional world as a music educator and performer.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Graduate

**Schedule types:** Lecture

**Department/School:** Music

**MUSI 5142 Collaborative Piano II**

**Prerequisites:** Music major status or consent of instructor.

**Description:** This course introduces pianists to duo/chamber repertoire written for piano with various instruments. This course will feature class performances, discussions of style and practical techniques in rehearsal, and recital performances as a collaborative pianist. The course will focus on repertoire from the Baroque era to the present, including works for solo instruments and piano, duo sonatas, character pieces, and chamber music for 3 or more instruments. May not be used for degree credit with MUSI 4142.

**Credit hours:** 2

**Contact hours:** Lecture: 2 Contact: 2

**Levels:** Graduate

**Schedule types:** Lecture

**Department/School:** Music

**MUSI 5480 Lessons in Applied Music (Minor Field)**

**Prerequisites:** Bachelor's degree or equivalent performance level in applied major field.

**Description:** Offered for variable credit, 1-4 credit hours, maximum of 12 credit hours.

**Credit hours:** 1-4

**Contact hours:** Contact: 1-4 Other: 1-4

**Levels:** Graduate

**Schedule types:** Independent Study

**Department/School:** Music

**Additional Fees:** Music Instruction fee of \$65 per credit hour applies.

**MUSI 5490 Lessons in Applied Music (Major Field)**

**Prerequisites:** Bachelor's degree or equivalent performing level in applied major field.

**Description:** Private Lessons. Offered for variable credit, 1-4 credit hours, maximum of 12 credit hours.

**Credit hours:** 1-4

**Contact hours:** Contact: 1-4 Other: 1-4

**Levels:** Graduate

**Schedule types:** Independent Study

**Department/School:** Music

**Additional Fees:** Music Instruction fee of \$65 per credit hour applies.

**MUSI 5512 Advanced Studies in Music Literature and Pedagogy I**

**Prerequisites:** MUSI 3753, MUSI 3763 or equivalent.

**Description:** Techniques of successful programming, teaching and performance of ensemble literature through a survey of repertoire appropriate to the student's chosen medium.

**Credit hours:** 2

**Contact hours:** Contact: 2 Other: 2

**Levels:** Graduate

**Schedule types:** Independent Study

**Department/School:** Music

**MUSI 5522 Advanced Studies in Music Literature and Pedagogy II**

**Prerequisites:** MUSI 3753, MUSI 3763 or equivalent.

**Description:** A continuation of MUSI 5512, with emphasis upon music of the 20th century and its attendant specialized performance techniques.

**Credit hours:** 2

**Contact hours:** Contact: 3 Other: 3

**Levels:** Graduate

**Schedule types:** Independent Study

**Department/School:** Music

**MUSI 5600 Chamber Ensembles**

**Description:** Combinations of voice, keyboard, orchestral instruments for performing chamber music, music theater and duo piano repertoire. Offered for variable credit, 1-2 credit hours, maximum of 36 credit hours.

**Credit hours:** 1-2

**Contact hours:** Lab: 2-4 Contact: 2-4

**Levels:** Graduate

**Schedule types:** Lab

**Department/School:** Music

**Additional Fees:** Music Facility Utilization fee of \$40 applies.

**MUSI 5610 University Bands**

**Description:** Advanced study of a wide variety of music in all areas of band literature. Offered for variable credit, 1-2 credit hours, maximum of 36 credit hours.

**Credit hours:** 1-2

**Contact hours:** Lab: 2-4 Contact: 2-4

**Levels:** Graduate

**Schedule types:** Lab

**Department/School:** Music

**Additional Fees:** Music Instruction fee of \$24 applies.

**MUSI 5620 Symphony Orchestra**

**Description:** Advanced study of a wide variety of music in all areas of orchestral literature. Offered for variable credit, 1-2 credit hours, maximum of 36 credit hours.

**Credit hours:** 1-2

**Contact hours:** Lab: 4-8 Contact: 4-8

**Levels:** Graduate

**Schedule types:** Lab

**Department/School:** Music

**MUSI 5630 University Choral Ensembles**

**Description:** Advanced study of a wide variety of music in all areas of choral literature. Offered for variable credit, 1-2 credit hours, maximum of 36 credit hours.

**Credit hours:** 1-2

**Contact hours:** Lab: 2-4 Contact: 2-4

**Levels:** Graduate

**Schedule types:** Lab

**Department/School:** Music

**Additional Fees:** Music Instruction fee of \$24 applies.

**MUSI 5700 Piano Accompanying**

**Prerequisites:** Music major status or consent of instructor.

**Description:** The course is designed for piano students to develop techniques needed to study, analyze, and perform as accompanists. The piano majors will have one-hour weekly coaching sessions and learn various duo repertoire in collaborations with a vocalist and an instrumentalist assigned by the instructor of the course throughout the semester. Same course as MUSI 4700.

**Credit hours:** 1

**Contact hours:** Contact: 1 Other: 1

**Levels:** Graduate

**Schedule types:** Independent Study

**Department/School:** Music

**MUSI 5712 Advanced Studies in Conducting I**

**Prerequisites:** MUSI 3712 and MUSI 3722 or equivalent.

**Description:** Acquisition of an expressive conducting gestural vocabulary as it relates to the student's chosen medium.

**Credit hours:** 2

**Contact hours:** Contact: 3 Other: 3

**Levels:** Graduate

**Schedule types:** Independent Study

**Department/School:** Music

**MUSI 5722 Advanced Studies in Conducting II****Prerequisites:** MUSI 5712.**Description:** A continuation of MUSI 5712 focusing upon the gestural vocabulary as it relates to the specific complexities of contemporary music.**Credit hours:** 2**Contact hours:** Contact: 3 Other: 3**Levels:** Graduate**Schedule types:** Independent Study**Department/School:** Music**MUSI 5733 Techniques of Pedagogy and Performance****Prerequisites:** MUSI 3712 and MUSI 3722 or equivalent.**Description:** Advanced techniques and modes for preparing music for performance.**Credit hours:** 3**Contact hours:** Contact: 3 Other: 3**Levels:** Graduate**Schedule types:** Independent Study**Department/School:** Music**MUSI 5742 Conducting Practicum****Prerequisites:** MUSI 5712, MUSI 5722.**Description:** Supervised conducting opportunities with major OSU ensembles or approved off-campus ensembles.**Credit hours:** 2**Contact hours:** Contact: 2 Other: 2**Levels:** Graduate**Schedule types:** Independent Study**Department/School:** Music**MUSI 5750 Seminar in Music History****Prerequisites:** MUSI 3753 and MUSI 3763 or equivalent.**Description:** Major European musical genres and pedagogical methods of a specified time in musical history. Acquaintance with source materials from the specified period to facilitate a knowledge of performance of genres studied. Topics vary. Previously offered as MUSI 5753. Offered for varied, 1-3 varied credit hours, maximum of 9 credit hours.**Credit hours:** 1-3**Contact hours:** Lecture: 1-3 Contact: 1-3**Levels:** Graduate**Schedule types:** Lecture**Department/School:** Music**MUSI 5810 Problems in Musical Composition****Prerequisites:** Consent of instructor.**Description:** Practical experience in musical composition. May not be used for degree credit with MUSI 4810.**Credit hours:** 1-2**Contact hours:** Contact: 1-2 Other: 1-2**Levels:** Graduate**Schedule types:** Independent Study**Department/School:** Music**MUSI 5812 Performance and Analysis****Prerequisites:** Passing score on Graduate Theory Placement Exam or MUSI 5022.**Description:** An overview of the relationship between performance and analysis within the field of music theory. No degree credit for students with credit in MUSI 4812.**Credit hours:** 2**Contact hours:** Lecture: 2 Contact: 2**Levels:** Graduate**Schedule types:** Lecture**Department/School:** Music**MUSI 5842 Music Repertory****Description:** Survey of music literature suitable for teaching various levels in applied music.**Credit hours:** 2**Contact hours:** Contact: 2 Other: 2**Levels:** Graduate**Schedule types:** Independent Study**Department/School:** Music**MUSI 5890 Special Studies in Music Pedagogy****Description:** Survey of music pedagogical methods suitable for various levels and types of applied music. May not be used for degree credit with MUSI 4890.**Credit hours:** 1-2**Contact hours:** Contact: 1-2 Other: 1-2**Levels:** Graduate**Schedule types:** Independent Study**Department/School:** Music**MUSI 5942 Music Education Seminar****Description:** Research into latest developments of public school choral and instrumental music. May not be used for degree credit with MUSI 4942.**Credit hours:** 2**Contact hours:** Lecture: 3 Contact: 3**Levels:** Graduate**Schedule types:** Lecture**Department/School:** Music**MUSI 5952 Music in the School Curriculum****Description:** Aims, content and motivation of the music education program in elementary and secondary schools from the standpoint of the classroom teacher, music specialist and administrator. May not be used for degree credit with MUSI 4952.**Credit hours:** 3**Contact hours:** Lecture: 3 Contact: 3**Levels:** Graduate**Schedule types:** Lecture**Department/School:** Music**MUSI 5962 Analytical Techniques in Music I****Prerequisites:** Passing score on Graduate Theory Placement Exam or MUSI 5022.**Description:** A critical survey of important analytical approaches to tonal and post tonal music.**Credit hours:** 2**Contact hours:** Lecture: 2 Contact: 2**Levels:** Graduate**Schedule types:** Lecture**Department/School:** Music**Additional Fees:** Music Instruction fee of \$24 applies.**MUSI 5972 Analytical Techniques in Music II****Prerequisites:** Passing score on Graduate Theory Placement Exam or MUSI 5022.**Description:** A continuation of MUSI 5962. Topics will include Schenkerian analyses, set theory, and other contemporary analytical approaches to post tonal music.**Credit hours:** 2**Contact hours:** Lecture: 3 Contact: 3**Levels:** Graduate**Schedule types:** Lecture**Department/School:** Music**Additional Fees:** Music Instruction fee of \$24 applies.



**MUSI 5990 Selected Studies in Music**

**Description:** Short-term area studies in music and music education. Offered for variable credit, 1-2 credit hours, maximum of 8 credit hours.

**Credit hours:** 1-2

**Contact hours:** Contact: 1-2 Other: 1-2

**Levels:** Graduate

**Schedule types:** Independent Study

**Department/School:** Music

**Undergraduate Programs**

- Music Education: Instrumental/Vocal Certification, BM (p. 1571)
- Music Industry, BS (p. 1575)
- Music, BA (p. 1578)
- Music: Jazz Performance, BM (p. 1581)
- Music: Music Composition, BA (p. 1583)
- Music: Performance, BM (p. 1585)

**Graduate Programs**

The Master of Music offers the performer and conductor the opportunity to further their professional studies and/or prepare for study at the doctoral level.

For the student pursuing the conducting option, we stress challenging studies in conducting skills, repertoire and rehearsal techniques. Degree candidates will focus on their particular area of specialty and will have numerous opportunities to conduct appropriate choirs, wind bands, orchestras and string groups, and chamber ensembles.

As a part of specializing on their instruments, students who choose the applied music option will develop a refined knowledge of the literature composed for that instrument and will also learn the teaching and technical approaches that have been developed for that musical medium. Performing opportunities, both solo and collaborative, are an important component of the degree candidate's studies.

The Master of Music is a 32-hour degree. Each option includes courses in music research and bibliography, music theory, and music history. Elective credits that are built into each degree option permit the student to explore additional interests. Each degree candidate will complete a final project designed in collaboration with their primary professor. A final oral examination is also part of the degree requirements.

**Admission Requirements**

Prospective students must have earned a bachelor's degree or the equivalent. Students interested in the conducting option must audition on campus, or submit a video recording of their conducting. Students interested in the applied music option must audition on campus or submit an audio or video recording of a recent performance (minimum of 20 minutes of music).

**Financial Assistance**

The Michael and Anne Greenwood School of Music offers a variety of assistantships with areas of specialization including music appreciation, class piano, instrumental techniques, accompanying, conducting, and music technology, among others. Additional scholarships may be awarded through the Greenwood School of Music.

**Minors**

- Applied Music (APMU), Minor (p. 1567)
- Jazz (JAZZ), Minor (p. 1568)
- Music (MUSI), Minor (p. 1569)
- Music Composition and Theory (MUCT), Minor (p. 1570)

**Faculty**

Brant Adams, PhD—Professor and Interim Director

**Professors:** Babette Belter, MM; Meredith J. Blecha-Wells, DMA; Anné-Marie Condacse, DMA; Bradley Genevro, DMA; April Golliver-Mohiuddin, MM; Igor Karača, DMA; Thomas Lanners, DMA; Howard Potter, DMA; D. Allen Scott, PhD; Tony Thornton, DMA

**Associate Professors:** Wayne Bovenschen, MM; Paul R. Compton, MM; Thomas T. Dickey, DMA; Julia Haley, PhD; Christopher Haygood, DMA; Heather Shea Lanners, MM; Lanette López-Compton, MM; Mark E. Perry, PhD; Thomas Poole, DMA; Ryan Robinson, DMA; Steve P. Sanders, MM; Laura A. Talbott-Clark, DMA

**Assistant Professors:** Joseph Cooper, DMA; Glenn Dewey, MM; Erin K. Murphy, DMA; Andrew W. Parker, DMA; Jacqueline Skara, DMA

**Teaching Associate Professor:** Nataša Kaurin-Karača, MM

**Teaching Assistant Professor:** Hyejin Cho, DMA

**Visiting Assistant Professor:** Johnny Salinas, DMA

**Lecturers:** Pi-Ju Chiang, MM; Elena Lyalina, DMA

**Adjunct Professors:** Megan Barth Argo, MM; Brian Belanus, MM; Trent Bell; Ashley Cooper, MM; Zac Maloy; Julie McCoy, MM; Bill Repavich, MM; Trammell Starks

**Emeritus Professor:** Gerald Frank, DMA



## Applied Music (APMU), Minor

**Requirements for Students Matriculating in or before Academic Year 2022-2023.** Learn more about University Academic Regulation 3.1 (p. 943).

Clint Wieden, 102B GSM, 405-744-2966

**Minimum Grade Point Average in Minor Coursework:** 2.00 with no grade below "C".

**Total Hours:** 15

Code	Title	Hours
<b>Performance</b>		
12 hours from the following, with minimum of 4 hours from each category:		12
Applied Lessons:		
MUSI 2480		
MUSI 2490	Major Applied Lessons	
MUSI 4480		
MUSI 4490		
JAZZ 3010	Applied Jazz Lessons	
Ensembles:		
MUSI 2610	University Bands I	
MUSI 2620	Symphony Orchestra I	
MUSI 2630	University Choral Ensembles I	
MUSI 3610	University Bands II	
MUSI 3620	Symphony Orchestra II	
MUSI 3630	University Choral Ensembles II	
MUSI 4042	Collaborative Piano I	
MUSI 4600	Chamber Ensembles	
JAZZ 3610	Jazz Orchestra	
JAZZ 3620	Jazz Ensemble	
JAZZ 4600	Jazz Combos	
<b>History and Culture</b>		
Select one course from (2-3 hours): <sup>1</sup>		2-3
MUSI 2573	Introduction to Music (H)	
MUSI 2763	History of Rock and Roll (H)	
MUSI 2783	American Popular Music (H)	
MUSI 3543	Music and Culture of Northern Italy (H)	
MUSI 3572	History of Opera in Society (H)	
MUSI 3573	America's Ethnic Music (DH)	
MUSI 3582	Survey of World Musics	
MUSI 3583	Traditional World Music (H)	
MUSI 3873	History of Music from 1800-Present	
MUSI 3883	History of Popular Music	
MUSI 4840	Special Studies in Music Literature	
MUSI 4842	Choral Literature for the Classroom	
JAZZ 2773	History of Jazz (H)	
<b>Electives</b>		
Select one course from (1-2 hours): <sup>2</sup>		1-2
MUSI 1002	Fundamentals of Music	
MUSI 1011	Class Piano I (by instructor permission)	
MUSI 1532	Theory of Music I	

MUSI 4890	Special Studies in Music Pedagogy
JAZZ 4002	Jazz Theory I
<b>Total Hours</b> <sup>1,2</sup>	<b>15</b>

1

If three-hour course is chosen in History and Culture, total hours increase by one.

2

If two-hour course is chosen from Electives, total hours increase by one.

## Additional OSU Requirements Undergraduate Minors

- An undergraduate minor must include between fifteen and thirty hours, inclusive of undergraduate coursework.
- A minimum of six credit hours for the minor must be earned in residence at OSU.
- The courses required for a minor may be included in the course requirements for any undergraduate degree or they may be in addition to degree requirements, depending on the overlap between the minor and degree requirements. However, an undergraduate minor must be earned in an academic field other than the student's declared degree option. The minor may not duplicate the degree major or option (for example, a student who earns a BA in Art with an Art History option may earn a minor in Studio Art but not Art History).
- A student generally follows the minor requirements associated with his or her matriculation year or newer requirements that have been established since matriculation. The time limit for following requirements from a given academic year is six years.

For additional information on requirements on minors, click here (<https://adminfinance.okstate.edu/site-files/documents/policies/requirements-for-undergraduate-and-graduate-minors.pdf>).

## Jazz (JAZZ), Minor

**Requirements for Students Matriculating in or before Academic Year 2022-2023.** Learn more about University Academic Regulation 3.1 (p. 943).

Clint Wieden, 102B GSM, 405-744-2966

**Total Hours:** 19

Code	Title	Hours
JAZZ 2773	History of Jazz (H)	3
JAZZ 3010	Applied Jazz Lessons	4
JAZZ 4002	Jazz Theory I	2
JAZZ 4012	Jazz Theory II	2
Select 8 hours from the following:		8
JAZZ 1221	Jazz Class Piano	
JAZZ 3010	Applied Jazz Lessons (up to 4 hours)	
JAZZ 3610	Jazz Orchestra	
JAZZ 3620	Jazz Ensemble	
JAZZ 4102	Jazz Arranging & Composition I	
JAZZ 4112	Jazz Arranging and Composition II	
JAZZ 4600	Jazz Combos	
JAZZ 4972	Jazz Styles and Analysis	
<b>Total Hours</b>		<b>19</b>

## Additional OSU Requirements

### Undergraduate Minors

- An undergraduate minor must include between fifteen and thirty hours, inclusive of undergraduate coursework.
- A minimum of six credit hours for the minor must be earned in residence at OSU.
- The courses required for a minor may be included in the course requirements for any undergraduate degree or they may be in addition to degree requirements, depending on the overlap between the minor and degree requirements. However, an undergraduate minor must be earned in an academic field other than the student's declared degree option. The minor may not duplicate the degree major or option (for example, a student who earns a BA in Art with an Art History option may earn a minor in Studio Art but not Art History).
- A student generally follows the minor requirements associated with his or her matriculation year or newer requirements that have been established since matriculation. The time limit for following requirements from a given academic year is six years.

For additional information on requirements on minors, click here (<https://adminfinance.okstate.edu/site-files/documents/policies/requirements-for-undergraduate-and-graduate-minors.pdf>).

## Music (MUSI), Minor

**Requirements for Students Matriculating in or before Academic Year 2022-2023.** Learn more about University Academic Regulation 3.1 (p. 943).

Clinton Wieden, 102B GSM, 405-744-2966

**Minimum Overall Grade Point Average:** 2.00 with no grade below "C."

**Total Hours:** 24

Code	Title	Hours
<b>Minor Requirements</b>		
MUSI 1531	Sight Singing and Aural Skills	1
MUSI 1532	Theory of Music I	2
MUSI 1541	Sight Singing and Aural Skills II	1
MUSI 1542	Theory of Music II	2
MUSI 3763	History of Music from 1600-1800 <sup>1</sup>	3
MUSI 3873	History of Music from 1800-Present <sup>1</sup>	3
<i>Applied Music</i>		
Select 6 hours in primary instrument		6
Select 2 hours of piano <sup>2</sup>		2
<i>Music Organizations</i>		
Select 4 hours of the following:		4
MUSI 2610/3610	University Bands I	
MUSI 2620/3620	Symphony Orchestra I	
MUSI 2630/3630	University Choral Ensembles I	
<b>Total Hours</b>		<b>24</b>

1

MUSI 3753 History of Music to 1600 (H) may be substituted for either MUSI 3763 History of Music from 1600-1800 or MUSI 3873 History of Music from 1800-Present.

2

If piano is primary applied area, 2 hours in a secondary applied area of the student's choosing.

## Additional OSU Requirements

### Undergraduate Minors

- An undergraduate minor must include between fifteen and thirty hours, inclusive of undergraduate coursework.
- A minimum of six credit hours for the minor must be earned in residence at OSU.
- The courses required for a minor may be included in the course requirements for any undergraduate degree or they may be in addition to degree requirements, depending on the overlap between the minor and degree requirements. However, an undergraduate minor must be earned in an academic field other than the student's declared degree option. The minor may not duplicate the degree major or option (for example, a student who earns a BA in Art with an Art History option may earn a minor in Studio Art but not Art History).
- A student generally follows the minor requirements associated with his or her matriculation year or newer requirements that have been established since matriculation. The time limit for following requirements from a given academic year is six years.

For additional information on requirements on minors, click here (<https://adminfinance.okstate.edu/site-files/documents/policies/requirements-for-undergraduate-and-graduate-minors.pdf>).

## Music Composition and Theory (MUCT), Minor

**Requirements for Students Matriculating in or before Academic Year 2022-2023.** Learn more about University Academic Regulation 3.1 (p. 943).

Clint Wieden, 102B GSM, 405-744-2966

**Minimum grade and/or GPA:** Minimum grade of "C" for all courses in the minor.

**Total Hours:** 18

Code	Title	Hours
<b>Course Requirements</b>		
MUSI 1002	Fundamentals of Music	2
MUSI 1532	Theory of Music I	2
MUSI 1542	Theory of Music II	2
MUSI 4810	Problems in Musical Composition <sup>1</sup>	8
Select four credit hours from the following:		4
MUSI 2013	Popular Music Theory	
MUSI 2552	Theory of Music III	
MUSI 2562	Theory of Music IV	
MUSI 3772	Counterpoint	
JAZZ 4002	Jazz Theory I	
JAZZ 4012	Jazz Theory II	
MUSI 4912	Orchestration and Arranging	
MUSI 4972	Post Tonal Analysis	
MUSI 4990	Selected Studies in Music and Music Education	
<b>Total Hours</b>		<b>18</b>

1

Option to substitute two credit hours with JAZZ 4102.

## Additional OSU Requirements

### Undergraduate Minors

- An undergraduate minor must include between fifteen and thirty hours, inclusive of undergraduate coursework.
- A minimum of six credit hours for the minor must be earned in residence at OSU.
- The courses required for a minor may be included in the course requirements for any undergraduate degree or they may be in addition to degree requirements, depending on the overlap between the minor and degree requirements. However, an undergraduate minor must be earned in an academic field other than the student's declared degree option. The minor may not duplicate the degree major or option (for example, a student who earns a BA in Art with an Art History option may earn a minor in Studio Art but not Art History).
- A student generally follows the minor requirements associated with his or her matriculation year or newer requirements that have been established since matriculation. The time limit for following requirements from a given academic year is six years.

For additional information on requirements on minors, click here (<https://adminfinance.okstate.edu/site-files/documents/policies/requirements-for-undergraduate-and-graduate-minors.pdf>).

# Music Education: Instrumental/Vocal Certification, BM

## Degree Requirements

**Requirements for Students Matriculating in or before Academic Year 2022-2023.** Learn more about University Academic Regulation 3.1 (p. 943).

**Minimum Overall Grade Point Average: 2.50**

**Total Hours: 129**

Code	Title	Hours
<b>General Education Requirements</b>		
See Academic Regulation 3.5 (p. 944)		
<i>English Composition</i>		
ENGL 1113 or ENGL 1313	Composition I Critical Analysis and Writing I	3
Select one of the following:		3
ENGL 1213	Composition II	
ENGL 1413	Critical Analysis and Writing II	
ENGL 3323	Technical Writing	
<i>American History &amp; Government</i>		
HIST 1103 or HIST 1483 or HIST 1493	Survey of American History American History to 1865 (H) American History Since 1865 (DH)	3
POLS 1113	American Government	3
<i>Analytical &amp; Quantitative Thought (A)</i>		
MATH or STAT course designated (A)		3
<i>Humanities (H)</i>		
MUSI 3753	History of Music to 1600 (H) (Minimum grade of "C") <sup>1</sup>	3
Courses designated (H)		3
<i>Natural Sciences (N)</i>		
Must include one Laboratory (L) course		
Course designated (N)		6
<i>Social &amp; Behavioral Sciences (S)</i>		
PSYC 1113 or SOC 1113	Introductory Psychology (S) Introductory Sociology (S)	3
SPCH 2713	Introduction to Speech Communication (S)	3
<i>Additional General Education</i>		
Courses designated (A), (H), (N), or (S)		7
<b>Hours Subtotal</b>		<b>40</b>
<b>Diversity (D) &amp; International Dimension (I)</b>		
May be completed in any part of the degree plan		
Select at least one Diversity (D) course		
Select at least one International Dimension (I) course		
<b>College/Departmental Requirements</b>		
<i>First Year Seminar</i>		
(Transfer students with 15 hours exempt)		1
<i>Foreign Language</i>		
See note 3		
0-6 hours		
<i>Upper-Division General Education</i>		

Select 6 hours outside major department

See note 2.c.		
<b>Hours Subtotal</b>		<b>1</b>
<b>Major Requirements</b>		
Minimum 2.50 GPA in all MUSI, JAZZ, and Professional Education courses with a minimum grade of "C" in each course.		
<i>Lower Division</i>		
MUSI 1531	Sight Singing and Aural Skills	1
MUSI 1532	Theory of Music I	2
MUSI 1541	Sight Singing and Aural Skills II	1
MUSI 1542	Theory of Music II	2
MUSI 2551	Sight Singing and Aural Skills III	1
MUSI 2552	Theory of Music III	2
MUSI 2561	Sight Singing and Aural Skills IV	1
MUSI 2562	Theory of Music IV	2
Eight hours from:		8
MUSI 2490	Major Applied Lessons	
Select 4 hours from:		4
Instrumental and Vocal majors: select 4 hours from lower-division Music Organization		
MUSI 2610	University Bands I	
MUSI 2620	Symphony Orchestra I	
MUSI 2630	University Choral Ensembles I	
Keyboard majors: select 2 hours from lower-division Music Organization and 2 hours MUSI 4700		
<i>Upper Division</i>		
MUSI 3582	Survey of World Musics	2
MUSI 3712	Basic Conducting	2
MUSI 3722	Advanced Ensemble Conducting	2
MUSI 3763	History of Music from 1600-1800	3
MUSI 3783	Form And Analysis	3
MUSI 3873	History of Music from 1800-Present	3
MUSI 4901	Senior Recital	1
MUSI 4972	Post Tonal Analysis	2
MUSI 4490 (Major Applied Lessons)		5
<i>Professional Education</i>		
EPSY 3413	Child and Adolescent Development	3
SPED 3202	Educating Exceptional Learners (D)	2
MUSI 2722	Introduction to Music Education	2
MUSI 3832	Elementary Music Methods	2
MUSI 3640 or MUSI 3641	Vocal Rehearsal Practicum Instrumental Rehearsal Practicum	1
MUSI 4742	Student Teaching Seminar in Music Education	2
MUSI 4940	Student Teaching in Public School Music	6
<i>Certification</i>		
Select Instrumental or Vocal (p. 1572)		17
<b>Hours Subtotal</b>		<b>82</b>
<b>Electives</b>		
May need to include 6 hours of a foreign language (see note 3)		
May need to include 6 hours upper-division general education outside major department (see note 2.c.)		

<b>Hours Subtotal</b>	<b>6</b>
<b>Total Hours</b>	<b>129</b>

1

College and Departmental Requirements that may be used to meet General Education Requirements

## Certification

### Instrumental

Code	Title	Hours
Select three hours from:		3
MUSI 1011	Class Piano I	
MUSI 1021	Class Piano II	
MUSI 2010	Piano Class Lessons	
MUSI 2480	(Elective Applied Lessons)	
MUSI 4480	(Elective Applied Lessons)	
Select 5 hours of Instrumental Techniques Classes from:		5
MUSI 1001	Percussion Techniques	
MUSI 1071	Single Reed Techniques	
MUSI 1081	Double Reed Techniques	
MUSI 1091	High Brass Techniques	
MUSI 2051	High String Techniques	
MUSI 2061	Low String Techniques	
MUSI 2071	Flute Techniques	
MUSI 2091	Low Brass Techniques	
MUSI 3852	Secondary Instrumental Methods	2
or MUSI 3862	String Orchestra Methods	
MUSI 4912	Orchestration and Arranging	2
or JAZZ 4102	Jazz Arranging & Composition I	
Select 3 hours of upper-division large ensemble of the following:		3
MUSI 3610	University Bands II	
MUSI 3620	Symphony Orchestra II	
MUSI 3630	University Choral Ensembles II	
Choose one:		2
MUSI 3842	Marching Bands Methods (Winds, Brass, & Percussion)	
MUSI 4890	Special Studies in Music Pedagogy (2 hours, Strings)	

### Vocal/Keyboard

Code	Title	Hours
Select 3 hours from:		3
MUSI 1011	Class Piano I	
MUSI 1021	Class Piano II	
MUSI 2010	Piano Class Lessons	
MUSI 2480	(Elective Applied Lessons)	
MUSI 4480	(Elective Applied Lessons)	
MUSI 1631	Introduction to Diction for Singers	1
MUSI 3732	Secondary Choral Methods	2
MUSI 3932	Intermediate Music Methods	2
MUSI 4842	Choral Literature for the Classroom	2
MUSI 4912	Orchestration and Arranging	2
or JAZZ 4102	Jazz Arranging & Composition I	

<i>Choose Keyboard or Vocal</i>	5
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#### Keyboard

MUSI 4480 (Elective Applied Voice, 2 hours)

MUSI 4042 Collaborative Piano I

MUSI 4600 Chamber Ensembles (1 hour - Chamber Piano)

#### Vocal

MUSI 3022 Piano Skills for Vocal Music Education Majors

Select 3 hours upper-division large ensemble of the following:

MUSI 3610 University Bands II

MUSI 3620 Symphony Orchestra II

MUSI 3630 University Choral Ensembles II

All Music Majors must successfully complete an entrance audition, upper-division theory examination, keyboard proficiency examination, and six semesters of MUSI 0500 Student Recital Attendance and must participate in Applied Major Music Lessons each semester of residence. All wind and percussion instrumental music education majors must enroll in MUSI 2610 University Bands I/MUSI 3610 University Bands II Marching Band each fall semester, except while student teaching.

## Other Requirements

- See the College of Arts and Sciences Requirements.
- **Upper-Division Credit:** Total hours must include at least 40 hours in courses numbered 3000 or above.
- **Hours in One Department:** For B.A. and B.S. degrees, no more than 54 hours in one department may be applied to degree requirements.

## College of Arts and Sciences Requirements

### 1. General Education Requirements

No more than two courses (or eight hours) from the major department (<http://catalog.okstate.edu/college-arts-sciences-major-departments/>) may be used to meet General Education and College and Departmental Requirements. The General Education required English Composition, required U.S. History, required American Government, one required MATH or STAT course, and required foreign language for B.A. degrees do not count against the two-course maximum.

### 2. A&S College/Departmental Requirements

- Arts and Humanities are defined as any course carrying an (H) designation or courses from AMST, ART, DANC, ENGL (except ENGL 3323 Technical Writing) HIST, MUSI, PHIL (except PHIL 1313 Logic and Critical Thinking (A), PHIL 3003 Symbolic Logic (A) and PHIL 4003 Mathematical Logic and Computability), REL, TH, and foreign languages.
- Natural and Mathematical Sciences are defined as any course from the following prefixes: ASTR, BIOC, BIOL, CHEM, CS (except CS 4883 Social Issues in Computing), GEOL, MATH, MICR, PBIO, PHYS, and STAT; or courses from other departments that carry an (A) or (N) general education designation.
- The required six hours of upper-division General Education may not include courses from the student's major department. This requirement may be satisfied by courses also used to satisfy any part of a student's degree program (i.e., in General Education,



College Departmental Requirements, Major Requirements or Electives).

- d. Non-Western Studies Requirement for B.A. and B.F.A.; One 3-hour course in Non-Western Studies (N.W.). This requirement may be satisfied by courses also used to satisfy any part of a student's degree program (i.e., in General Education, College Departmental Requirements, Major Requirements or Electives).
  - e. The College of Arts & Sciences requires a minimum 2.0 GPA in all major requirements and a minimum 2.0 GPA in all major-prefix courses applied to the degree.
- 3. Foreign Language Proficiency**
- a. The foreign language requirement for the B.A. may be satisfied by 9 hours college credit in the same language, which must include 3 hours at the 2000-level, or equivalent proficiency (e.g., passing an advanced standing examination; TOEFL exam; presenting a high school transcript which demonstrates the high school was primarily conducted in a language other than English; etc.). Computer Science courses may not be used to satisfy this requirement. Currently Arabic and Mvskoke are not offered at the 2000-level at OSU.
  - b. The foreign language requirement for the B.S., B.M. and B.F.A. may be satisfied by presenting a high school transcript which demonstrates two years of study of a single foreign language (passing grades at second-year level of study). It may also be satisfied by 6 hours college credit in the same language, which must include language courses 1713 and 1813, or equivalent proficiency (e.g., passing an advanced standing examination; TOEFL exam; presenting a high school transcript which demonstrates the high school was primarily conducted in a language other than English; etc.). Computer Science courses may not be used to satisfy this requirement.
  - c. In addition to a. and b., students pursuing teacher certification must meet novice-high foreign language proficiency by presenting a high school transcript which demonstrates two years of study of a single foreign language with no grade below B. Or, students may complete 3 hours college credit in a single language with no grade below C (or pass an advanced standing examination, College Level Examination Program (CLEP) exam, or Oral Proficiency Interview developed by the American Council on the Teaching of Foreign Languages, equivalent to 3 hours of college credit.) Or, students may meet the requirement by transfer of documentation of meeting the foreign language competency from one of the teacher education programs in the State of Oklahoma approved by the Oklahoma State Regents for Higher Education.

**4. Exclusions**

- a. Courses used to satisfy the General Education English Composition, U.S. History, American Government, and Mathematics or Statistics requirements will not count toward the 54-hour maximum allowed from one department.
- b. Courses with ATHL or LEIS prefixes and leisure activity courses may not be used for degree credit.

- Students will be held responsible for degree requirements in effect at the time of matriculation and any changes that are made, so long as these changes do not result in semester credit hours being added or do not delay graduation.
- Degrees that follow this plan must be completed by the end of Summer 2028.

## Example Plan of Study

### Finish in Four Plan of Study

The plan below is an **example** of how students can successfully complete degree requirements in four years. This suggested class schedule plan may be used as a guide and can be adjusted based on individual needs. Students are required to meet with an academic advisor prior to enrollment each semester to plan their class schedule, and students are ultimately responsible for completing all degree requirements.

Course	Title	Hours
<b>Freshman</b>		
<b>Fall</b>		
ENGL 1113 or ENGL 1313	Composition I or Critical Analysis and Writing I	3
MUSI 0500	Student Recital Attendance	0
MUSI 1531	Sight Singing and Aural Skills	1
MUSI 1532	Theory of Music I	2
Music Lessons and Ensemble		3
General Education and College courses		4
<b>Hours</b>		<b>13</b>
<b>Spring</b>		
ENGL 1213 or ENGL 1413	Composition II or Critical Analysis and Writing II	3
MUSI 0500	Student Recital Attendance	0
MUSI 1541	Sight Singing and Aural Skills II	1
MUSI 1542	Theory of Music II	2
Music Lessons and Ensemble		3
General Education courses		6
<b>Hours</b>		<b>15</b>
<b>Sophomore</b>		
<b>Fall</b>		
MUSI 2551	Sight Singing and Aural Skills III	1
MUSI 2552	Theory of Music III	2
MUSI 0500	Student Recital Attendance	0
MUSI 3753	History of Music to 1600 (H)	3
Music Lessons and Ensemble		2
General Education courses		7
<b>Hours</b>		<b>15</b>
<b>Spring</b>		
MUSI 2561	Sight Singing and Aural Skills IV	1
MUSI 2562	Theory of Music IV	2
MUSI 0500	Student Recital Attendance	0
MUSI 3763	History of Music from 1600-1800	3
Music Lessons and Ensemble		2
1713 First Semester Foreign Language		3
General Education courses		6
<b>Hours</b>		<b>17</b>
<b>Junior</b>		
<b>Fall</b>		
MUSI 3783	Form And Analysis	3
MUSI 3873	History of Music from 1800-Present	3
MUSI 0500	Student Recital Attendance	0
Music Lessons and Ensemble		1
1813 Second Semester Foreign Language		3

## Additional State/OSU Requirements

- At least: 60 hours at a four-year institution; 30 hours completed at OSU; 15 of the final 30 or 50% of the upper-division hours in the major field completed at OSU.
- Limit of: one-half of major course requirements as transfer work; one-fourth of hours earned by correspondence; 8 transfer correspondence hours.

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Major and Elective courses		6
	<b>Hours</b>	<b>16</b>
<b>Spring</b>		
MUSI 0500	Student Recital Attendance	0
MUSI 4042 or MUSI 4142	Collaborative Piano I or Collaborative Piano II	2
MUSI 3712 or MUSI 4912 or MUSI 4972	Basic Conducting or Orchestration and Arranging or Post Tonal Analysis	2
Music Lessons and Ensemble		1
2000-level Foreign Language		3
General Education courses		7
	<b>Hours</b>	<b>15</b>
<b>Senior</b>		
<b>Fall</b>		
MUSI 3582	Survey of World Musics	2
Music Lessons and Electives		1
General Education, College, and Elective courses		12
	<b>Hours</b>	<b>15</b>
<b>Spring</b>		
Music Lessons and Ensemble		1
General Education, College, and Elective courses		13
	<b>Hours</b>	<b>14</b>
	<b>Total Hours</b>	<b>120</b>

1

Speak with academic advisor about saving General Education electives and Humanities (H) for Upper-division courses with International (I) and Diversity (D) dimensions.

# Music Industry, BS

## Degree Requirements

**Requirements for Students Matriculating in or before Academic Year 2022-2023.** Learn more about University Academic Regulation 3.1 (p. 943).

**Minimum Overall Grade Point Average: 2.00**

**Total Hours: 120**

Code	Title	Hours
<b>General Education Requirements</b>		
<i>English Composition</i>		
See Academic Regulation 3.5 (p. 944)		
ENGL 1113	Composition I	3
or ENGL 1313	Critical Analysis and Writing I	
Select one of the following:		3
ENGL 1213	Composition II	
ENGL 1413	Critical Analysis and Writing II	
ENGL 3323	Technical Writing	
<i>American History &amp; Government</i>		
HIST 1103	Survey of American History	3
or HIST 1483	American History to 1865 (H)	
or HIST 1493	American History Since 1865 (DH)	
POLS 1113	American Government	3
<i>Analytical &amp; Quantitative Thought (A)</i>		
MATH 1483	Mathematical Functions and Their Uses (A) (or higher, except MATH 1493) <sup>1</sup>	3
<i>Humanities (H)</i>		
Courses designated (H)		6
<i>Natural Sciences (N)</i>		
Must include one Laboratory Science (L) course		
Course designated (N)		6
<i>Social &amp; Behavioral Sciences (S)</i>		
ECON 2103	Introduction to Microeconomics (S) <sup>1</sup>	3
MGMT 3013	Fundamentals of Management (S) <sup>1</sup>	3
MKTG 3213	Marketing (S) <sup>1</sup>	3
<i>Additional General Education</i>		
Courses designated (A), (H), (N), or (S)		4
<b>Hours Subtotal</b>		<b>40</b>
<b>Diversity (D) &amp; International Dimension (I)</b>		
May be completed in any part of the degree plan		
Select at least one Diversity (D) course		
Select at least one International Dimension (I) course		
<b>College/Departmental Requirements</b>		
<i>First Year Seminar</i>		
(Transfer students with 15 hours exempt)		1
<i>Arts &amp; Humanities</i>		
MUSI 3873	History of Music from 1800-Present	3
<i>Natural &amp; Mathematical Sciences</i>		
STAT 2013	Elementary Statistics (A)	3
Select 6 additional hours		6
See note 2.b.		

### Foreign Language

See note 3

0-6 hours

### Upper-Division General Education

Select 6 hours outside major department

See note 2.c.

**Hours Subtotal** **13**

### Major Requirements

Minimum 2.50 GPA in all MUSI, JAZZ, TH, DANC, and Business courses with a minimum grade of "C" in each MUSI, JAZZ, TH, DANC, and Business course.

MUSI 1002	Fundamentals of Music	2
MUSI 1531	Sight Singing and Aural Skills	1
MUSI 1532	Theory of Music I	2
MUSI 1541	Sight Singing and Aural Skills II	1
MUSI 1542	Theory of Music II	2
MUSI 1623	Introduction to Music Business	3
MUSI 2013	Popular Music Theory	3
TH 1663	Stage Technology	3
Select 4 hours from:		4
MUSI 2490	Major Applied Lessons	
MUSI 4490	(Major Applied Lessons)	
Select 2 hours from:		2
MUSI 1011	Class Piano I	
MUSI 1021	Class Piano II	
MUSI 2010	Piano Class Lessons	
MUSI 2480	Elective Applied Lessons	
MUSI 4480	(Elective Applied Lessons)	
Select 6 hours Music Organization from:		6
MUSI 2610	University Bands I	
MUSI 2620	Symphony Orchestra I	
MUSI 2630	University Choral Ensembles I	
MUSI 3610	University Bands II	
MUSI 3620	Symphony Orchestra II	
MUSI 3630	University Choral Ensembles II	
MUSI 4600	Chamber Ensembles	
JAZZ 3610	Jazz Orchestra	
JAZZ 3620	Jazz Ensemble	
JAZZ 4600	Jazz Combos	
ACCT 2103	Financial Accounting	3
or ACCT 2003	Survey of Accounting	
ECON 2203	Introduction to Macroeconomics	3
MUSI 3012	Advanced Music Production	2
MUSI 3582	Survey of World Musics	2
MUSI 3592	Introduction to Music Technology	2
MUSI 3672	Music Technology II	2
MUSI 3883	History of Popular Music	3
EEE 4123	Entrepreneurship and The Arts	3
LSB 3213	Legal and Regulatory Environment of Business	3
TH 3593	Lighting for Theatre	3
MUSI 4100	Music Industry Internship	6

<b>Hours Subtotal</b>	<b>61</b>
<b>Electives</b>	<b>6</b>
May need to include 6 hours of a foreign language (see note 3)	
May need to include 6 hours upper-division general education outside major department (see note 2.c.)	
<b>Hours Subtotal</b>	<b>6</b>
<b>Total Hours</b>	<b>120</b>

1

College and Departmental Requirements that may be used to meet General Education Requirements.

Must successfully complete an entrance audition, keyboard proficiency examination, and six semesters of MUSI 0500 Student Recital Attendance.

## Other Requirements

- See the College of Arts and Sciences Requirements.
- **Upper-Division Credit:** Total hours must include at least 40 hours in courses numbered 3000 or above.
- **Hours in One Department:** For B.A. and B.S. degrees, no more than 54 hours in one department may be applied to degree requirements.

## College of Arts and Sciences Requirements

### 1. General Education Requirements

No more than two courses (or eight hours) from the major department (<http://catalog.okstate.edu/college-arts-sciences-major-departments/>) may be used to meet General Education and College and Departmental Requirements. The General Education required English Composition, required U.S. History, required American Government, one required MATH or STAT course, and required foreign language for B.A. degrees do not count against the two-course maximum.

### 2. A&S College/Departmental Requirements

- Arts and Humanities are defined as any course carrying an (H) designation or courses from AMST, ART, DANC, ENGL (except ENGL 3323 Technical Writing) HIST, MUSI, PHIL (except PHIL 1313 Logic and Critical Thinking (A), PHIL 3003 Symbolic Logic (A) and PHIL 4003 Mathematical Logic and Computability), REL, TH, and foreign languages.
- Natural and Mathematical Sciences are defined as any course from the following prefixes: ASTR, BIOC, BIOL, CHEM, CS (except CS 4883 Social Issues in Computing), GEOL, MATH, MICR, PBIO, PHYS, and STAT; or courses from other departments that carry an (A) or (N) general education designation.
- The required six hours of upper-division General Education may not include courses from the student's major department. This requirement may be satisfied by courses also used to satisfy any part of a student's degree program (i.e., in General Education, College Departmental Requirements, Major Requirements or Electives).
- Non-Western Studies Requirement for B.A. and B.F.A.; One 3-hour course in Non-Western Studies (N.W.). This requirement may be satisfied by courses also used to satisfy any part of a student's degree program (i.e., in General Education, College Departmental Requirements, Major Requirements or Electives).

- The College of Arts & Sciences requires a minimum 2.0 GPA in all major requirements and a minimum 2.0 GPA in all major-prefix courses applied to the degree.

### 3. Foreign Language Proficiency

- The foreign language requirement for the B.A. may be satisfied by 9 hours college credit in the same language, which must include 3 hours at the 2000-level, or equivalent proficiency (e.g., passing an advanced standing examination; TOEFL exam; presenting a high school transcript which demonstrates the high school was primarily conducted in a language other than English; etc.). Computer Science courses may not be used to satisfy this requirement. Currently Arabic and Mvskoke are not offered at the 2000-level at OSU.
- The foreign language requirement for the B.S., B.M. and B.F.A. may be satisfied by presenting a high school transcript which demonstrates two years of study of a single foreign language (passing grades at second-year level of study). It may also be satisfied by 6 hours college credit in the same language, which must include language courses 1713 and 1813, or equivalent proficiency (e.g., passing an advanced standing examination; TOEFL exam; presenting a high school transcript which demonstrates the high school was primarily conducted in a language other than English; etc.). Computer Science courses may not be used to satisfy this requirement.
- In addition to a. and b., students pursuing teacher certification must meet novice-high foreign language proficiency by presenting a high school transcript which demonstrates two years of study of a single foreign language with no grade below B. Or, students may complete 3 hours college credit in a single language with no grade below C (or pass an advanced standing examination, College Level Examination Program (CLEP) exam, or Oral Proficiency Interview developed by the American Council on the Teaching of Foreign Languages, equivalent to 3 hours of college credit.) Or, students may meet the requirement by transfer of documentation of meeting the foreign language competency from one of the teacher education programs in the State of Oklahoma approved by the Oklahoma State Regents for Higher Education.

### 4. Exclusions

- Courses used to satisfy the General Education English Composition, U.S. History, American Government, and Mathematics or Statistics requirements will not count toward the 54-hour maximum allowed from one department.
- Courses with ATHL or LEIS prefixes and leisure activity courses may not be used for degree credit.

## Additional State/OSU Requirements

- At least: 60 hours at a four-year institution; 30 hours completed at OSU; 15 of the final 30 or 50% of the upper-division hours in the major field completed at OSU.
- Limit of: one-half of major course requirements as transfer work; one-fourth of hours earned by correspondence; 8 transfer correspondence hours.
- Students will be held responsible for degree requirements in effect at the time of matriculation and any changes that are made, so long as these changes do not result in semester credit hours being added or do not delay graduation.
- Degrees that follow this plan must be completed by the end of Summer 2028.

# Example Plan of Study

## Finish in Four Plan of Study

The plan below is an **example** of how students can successfully complete degree requirements in four years. This suggested class schedule plan may be used as a guide and can be adjusted based on individual needs. Students are required to meet with an academic advisor prior to enrollment each semester to plan their class schedule, and students are ultimately responsible for completing all degree requirements.

Course	Title	Hours
<b>Freshman</b>		
<b>Fall</b>		
ENGL 1113	Composition I	3
MATH 1483	Mathematical Functions and Their Uses (A) (or Higher, except 1493)	3
MUSI 0500	Student Recital Attendance	0
MUSI 1002	Fundamentals of Music	2
Music Lessons and Ensemble		3
General Education and College courses		4
<b>Hours</b>		<b>15</b>
<b>Spring</b>		
ENGL 1213	Composition II	3
MUSI 0500	Student Recital Attendance	0
MUSI 1532	Theory of Music I	2
MUSI 1623	Introduction to Music Business	3
Music Lessons and Ensemble		3
General Education courses		3
<b>Hours</b>		<b>14</b>
<b>Sophomore</b>		
<b>Fall</b>		
MUSI 0500	Student Recital Attendance	0
MUSI 1531	Sight Singing and Aural Skills	1
MUSI 1542	Theory of Music II	2
ECON 2103	Introduction to Microeconomics (S)	3
STAT 2013	Elementary Statistics (A)	3
Music Lessons and Ensemble		2
General Education and College courses		3
<b>Hours</b>		<b>14</b>
<b>Spring</b>		
MUSI 0500	Student Recital Attendance	0
MUSI 1541	Sight Singing and Aural Skills II	1
Music Lessons and Ensemble		2
TH 1663	Stage Technology	3
ECON 2203	Introduction to Macroeconomics	3
ACCT 2103	Financial Accounting	3
General Education course		3
<b>Hours</b>		<b>15</b>
<b>Junior</b>		
<b>Fall</b>		
MUSI 0500	Student Recital Attendance	0
MUSI 2013	Popular Music Theory	3
MUSI 3592	Introduction to Music Technology	2
General Education and College courses		9
<b>Hours</b>		<b>14</b>
<b>Spring</b>		
MUSI 0500	Student Recital Attendance	0
MUSI 3672	Music Technology II	2
MUSI 3883	History of Popular Music	3
TH 3593	Lighting for Theatre	3
MKTG 3213	Marketing (S)	3

General Education and College courses	3	
<b>Hours</b>		
<b>14</b>		
<b>Senior</b>		
<b>Fall</b>		
MUSI 3012	Advanced Music Production	2
MUSI 3582	Survey of World Musics	2
MUSI 3873	History of Music from 1800-Present	3
MGMT 3013	Fundamentals of Management (S)	3
Elective courses	4	
<b>Hours</b>		
<b>14</b>		
<b>Spring</b>		
Major Ensemble	1	
EEE 4123	Entrepreneurship and The Arts	3
MUSI 3583	Traditional World Music (H)	3
General Education and Elective courses	7	
<b>Hours</b>		
<b>14</b>		
<b>Summer</b>		
MUSI 4100	Music Industry Internship	6
<b>Hours</b>		
<b>6</b>		
<b>Total Hours</b>		
<b>120</b>		

## Music, BA

### Degree Requirements

**Requirements for Students Matriculating in or before Academic Year 2022-2023.** Learn more about University Academic Regulation 3.1 (p. 943).

**Minimum Overall Grade Point Average: 2.00**

**Total Hours: 120**

Code	Title	Hours
<b>General Education Requirements</b>		
<i>English Composition</i>		
See Academic Regulation 3.5 (p. 944)		
ENGL 1113	Composition I	3
or ENGL 1313	Critical Analysis and Writing I	
Select one of the following:		3
ENGL 1213	Composition II	
ENGL 1413	Critical Analysis and Writing II	
ENGL 3323	Technical Writing	
<i>American History &amp; Government</i>		
HIST 1103	Survey of American History	3
or HIST 1483	American History to 1865 (H)	
or HIST 1493	American History Since 1865 (DH)	
POLS 1113	American Government	3
<i>Analytical &amp; Quantitative Thought (A)</i>		
MATH or STAT course designated (A)		3
<i>Humanities (H)</i>		
MUSI 3753	History of Music to 1600 (H) (Minimum grade of "C") <sup>1</sup>	3
Courses designated (H)		3
<i>Natural Sciences (N)</i>		
Must include one Laboratory Science (L) course		
Course designated (N)		6
<i>Social &amp; Behavioral Sciences (S)</i>		
Course designated (S)		3
<i>Additional General Education</i>		
Courses designated (A), (H), (N), or (S)		10
<b>Hours Subtotal</b>		<b>40</b>
<b>Diversity (D) &amp; International Dimension (I)</b>		
May be completed in any part of the degree plan		
Select at least one Diversity (D) course		
Select at least one International Dimension (I) course		
<b>College/Departmental Requirements</b>		
<i>First Year Seminar</i>		
(Transfer students with 15 hours exempt)		1
<i>Arts &amp; Humanities</i>		
See note 2.a.		9
<i>Natural &amp; Mathematical Sciences</i>		
See note 2.b.		3
<i>Foreign Language</i>		
See note 3		9
<i>Non-Western Studies</i>		

At least one course

(See note 2.d.)

*Upper-Division General Education*

Select 6 hours outside major department

See note 2.c.

**Hours Subtotal** **22**

#### Major Requirements

Minimum 2.50 GPA with minimum grade of "C" in all MUSI and JAZZ courses.

MUSI 1531	Sight Singing and Aural Skills	1
MUSI 1532	Theory of Music I	2
MUSI 1541	Sight Singing and Aural Skills II	1
MUSI 1542	Theory of Music II	2
MUSI 2551	Sight Singing and Aural Skills III	1
MUSI 2552	Theory of Music III	2
MUSI 2561	Sight Singing and Aural Skills IV	1
MUSI 2562	Theory of Music IV	2
MUSI 2490	Major Applied Lessons	4
Select 2 hours of Applied Minor Music Lessons from:		2
MUSI 1011	Class Piano I	
MUSI 1021	Class Piano II	
MUSI 2010	Piano Class Lessons	
MUSI 2480	Elective Applied Lessons	
MUSI 4480 (Elective Applied Lessons)		
Select 4 hours of Music Organization of the following:		4
MUSI 2610	University Bands I	
MUSI 2620	Symphony Orchestra I	
MUSI 2630	University Choral Ensembles I	
Keyboard majors: select 2 hours Music Organization and 2 hours MUSI 4700		
MUSI 3582	Survey of World Musics	2
MUSI 3763	History of Music from 1600-1800	3
MUSI 3783	Form And Analysis	3
MUSI 3873	History of Music from 1800-Present	3
MUSI 4490 (Major Applied Lessons)		4
Select 2 hours of the following:		2
MUSI 3712	Basic Conducting	
MUSI 4912	Orchestration and Arranging	
MUSI 4972	Post Tonal Analysis	
Select one of the following majors:		2
Instrumental and Voice Majors:		
Select 2 hours of upper-division large ensemble from the following:		
MUSI 3610	University Bands II	
MUSI 3620	Symphony Orchestra II	
MUSI 3630	University Choral Ensembles II	
Keyboard Majors:		
MUSI 4042	Collaborative Piano I	
or MUSI 4142	Collaborative Piano II	
<b>Hours Subtotal</b>		<b>41</b>
<b>Electives</b>		
Select 17 hours		17



All electives plus 5 hours general education or college requirements, in addition to MUSI 3753, may need to be upper-division and must include 6 hours upper-division general education outside major department. (see note 2.c.)

4 hours need to be liberal arts or liberal science from ART, ASL, BIOL, CHEM, CS, ENGL, FLL, FREN, GEOG, GEOL, GREK, GRMN, HIST, LATN, MATH, MICR, PBIO, PHIL, PHYS, POLS, PSYC, RUSS, SOC, SPAN, SPCH, STAT, TH.

<b>Hours Subtotal</b>	<b>17</b>
<b>Total Hours</b>	<b>120</b>

1

College and Departmental Requirements that may be used to meet General Education Requirements.

## Other Requirements

- See the College of Arts and Sciences Requirements.
- **Upper-Division Credit:** Total hours must include at least 40 hours in courses numbered 3000 or above.
- **Hours in One Department:** For B.A. and B.S. degrees, no more than 54 hours in one department may be applied to degree requirements.

## College of Arts and Sciences Requirements

### 1. General Education Requirements

No more than two courses (or eight hours) from the major department (<http://catalog.okstate.edu/college-arts-sciences-major-departments/>) may be used to meet General Education and College and Departmental Requirements. The General Education required English Composition, required U.S. History, required American Government, one required MATH or STAT course, and required foreign language for B.A. degrees do not count against the two-course maximum.

### 2. A&S College/Departmental Requirements

- Arts and Humanities are defined as any course carrying an (H) designation or courses from AMST, ART, DANC, ENGL (except ENGL 3323 Technical Writing) HIST, MUSI, PHIL (except PHIL 1313 Logic and Critical Thinking (A), PHIL 3003 Symbolic Logic (A) and PHIL 4003 Mathematical Logic and Computability), REL, TH, and foreign languages.
- Natural and Mathematical Sciences are defined as any course from the following prefixes: ASTR, BIOC, BIOL, CHEM, CS (except CS 4883 Social Issues in Computing), GEOL, MATH, MICR, PBIO, PHYS, and STAT; or courses from other departments that carry an (A) or (N) general education designation.
- The required six hours of upper-division General Education may not include courses from the student's major department. This requirement may be satisfied by courses also used to satisfy any part of a student's degree program (i.e., in General Education, College Departmental Requirements, Major Requirements or Electives).
- Non-Western Studies Requirement for B.A. and B.F.A.; One 3-hour course in Non-Western Studies (N.W.). This requirement may be satisfied by courses also used to satisfy any part of a student's degree program (i.e., in General Education, College Departmental Requirements, Major Requirements or Electives).

- The College of Arts & Sciences requires a minimum 2.0 GPA in all major requirements and a minimum 2.0 GPA in all major-prefix courses applied to the degree.

### 3. Foreign Language Proficiency

- The foreign language requirement for the B.A. may be satisfied by 9 hours college credit in the same language, which must include 3 hours at the 2000-level, or equivalent proficiency (e.g., passing an advanced standing examination; TOEFL exam; presenting a high school transcript which demonstrates the high school was primarily conducted in a language other than English; etc.). Computer Science courses may not be used to satisfy this requirement. Currently Arabic and Mvskoke are not offered at the 2000-level at OSU.
- The foreign language requirement for the B.S., B.M. and B.F.A. may be satisfied by presenting a high school transcript which demonstrates two years of study of a single foreign language (passing grades at second-year level of study). It may also be satisfied by 6 hours college credit in the same language, which must include language courses 1713 and 1813, or equivalent proficiency (e.g., passing an advanced standing examination; TOEFL exam; presenting a high school transcript which demonstrates the high school was primarily conducted in a language other than English; etc.). Computer Science courses may not be used to satisfy this requirement.
- In addition to a. and b., students pursuing teacher certification must meet novice-high foreign language proficiency by presenting a high school transcript which demonstrates two years of study of a single foreign language with no grade below B. Or, students may complete 3 hours college credit in a single language with no grade below C (or pass an advanced standing examination, College Level Examination Program (CLEP) exam, or Oral Proficiency Interview developed by the American Council on the Teaching of Foreign Languages, equivalent to 3 hours of college credit.) Or, students may meet the requirement by transfer of documentation of meeting the foreign language competency from one of the teacher education programs in the State of Oklahoma approved by the Oklahoma State Regents for Higher Education.

### 4. Exclusions

- Courses used to satisfy the General Education English Composition, U.S. History, American Government, and Mathematics or Statistics requirements will not count toward the 54-hour maximum allowed from one department.
- Courses with ATHL or LEIS prefixes and leisure activity courses may not be used for degree credit.

## Additional State/OSU Requirements

- At least: 60 hours at a four-year institution; 30 hours completed at OSU; 15 of the final 30 or 50% of the upper-division hours in the major field completed at OSU.
- Limit of: one-half of major course requirements as transfer work; one-fourth of hours earned by correspondence; 8 transfer correspondence hours.
- Students will be held responsible for degree requirements in effect at the time of matriculation and any changes that are made, so long as these changes do not result in semester credit hours being added or do not delay graduation.
- Degrees that follow this plan must be completed by the end of Summer 2028.

## Example Plan of Study

### Finish in Four Plan of Study

The plan below is an example of how students can successfully complete degree requirements in four years. This suggested class schedule plan may be used as a guide and can be adjusted based on individual needs. Students are required to meet with an academic advisor prior to enrollment each semester to plan their class schedule, and students are ultimately responsible for completing all degree requirements.

Course	Title	Hours
<b>Freshman</b>		
<b>Fall</b>		
A&S 1111	A&S First Year Seminar	1
ENGL 1113	Composition I	3
	MATH or STAT course designated (A)	3
MUSI 0500	Student Recital Attendance	0
MUSI 1531	Sight Singing and Aural Skills	1
MUSI 1532	Theory of Music I	2
	Music Lessons and Ensemble	3
<b>Hours</b>		<b>13</b>
<b>Spring</b>		
ENGL 1213	Composition II	3
MUSI 0500	Student Recital Attendance	0
MUSI 1541	Sight Singing and Aural Skills II	1
MUSI 1542	Theory of Music II	2
	Music Lessons and Ensemble	3
	General Education courses	6
<b>Hours</b>		<b>15</b>
<b>Sophomore</b>		
<b>Fall</b>		
MUSI 0500	Student Recital Attendance	0
MUSI 2551	Sight Singing and Aural Skills III	1
MUSI 2552	Theory of Music III	2
MUSI 3753	History of Music to 1600 (H)	3
	Music Lessons and Ensemble	2
	1713 First Semester Foreign Language	3
	General Education and Elective courses	4
<b>Hours</b>		<b>15</b>
<b>Spring</b>		
MUSI 0500	Student Recital Attendance	0
MUSI 2561	Sight Singing and Aural Skills IV	1
MUSI 2562	Theory of Music IV	2
MUSI 3763	History of Music from 1600-1800	3
	Music Lessons and Ensemble	2
	1813 Second Semester Foreign Language	3
	General Education and Elective courses	6
<b>Hours</b>		<b>17</b>
<b>Junior</b>		
<b>Fall</b>		
MUSI 0500	Student Recital Attendance	0
MUSI 3783	Form And Analysis	3
MUSI 3873	History of Music from 1800-Present	3
	Music Lessons	1
	2000-level Foreign Language	3
	College and Elective hours	6
<b>Hours</b>		<b>16</b>
<b>Spring</b>		
MUSI 0500	Student Recital Attendance	0
MUSI 3712	Basic Conducting	2
or MUSI 4912	or Orchestration and Arranging	
or MUSI 4972	or Post Tonal Analysis	

Music Lessons	1
General Education courses	10
<b>Hours</b>	
	<b>13</b>
<b>Senior</b>	
<b>Fall</b>	
Music Lessons and Ensemble	2
MUSI 3582	Survey of World Musics
	2
	General Education, College, and Elective courses
	12
<b>Hours</b>	
	<b>16</b>
<b>Spring</b>	
Music Lessons and Ensemble	2
	College and Elective courses
	13
<b>Hours</b>	
	<b>15</b>
<b>Total Hours</b>	
	<b>120</b>

## Music: Jazz Performance, BM

**Requirements for Students Matriculating in or before Academic Year 2022-2023.** Learn more about University Academic Regulation 3.1 (p. 943).

**Minimum Overall Grade Point Average: 2.00**

**Total Hours: 120**

Code	Title	Hours
<b>General Education Requirements</b>		
<i>English Composition</i>		
See Academic Regulation 3.5 (p. 944)		
ENGL 1113	Composition I	3
or ENGL 1313	Critical Analysis and Writing I	
Select one of the following:		3
ENGL 1213	Composition II	
ENGL 1413	Critical Analysis and Writing II	
ENGL 3323	Technical Writing	
<i>American History &amp; Government</i>		
HIST 1103	Survey of American History	3
or HIST 1483	American History to 1865 (H)	
or HIST 1493	American History Since 1865 (DH)	
POLS 1113	American Government	3
<i>Analytical &amp; Quantitative Thought (A)</i>		
MATH or STAT	course designated (A)	3
<i>Humanities (H)</i>		
JAZZ 2773	History of Jazz (H) (Minimum grade of "C")	3
Courses designated (H)		3
<i>Natural Sciences (N)</i>		
Must include one Laboratory Science (L) course		
Course designated (N)		6
<i>Social &amp; Behavioral Sciences (S)</i>		
Course designated (S)		3
<i>Additional General Education</i>		
Courses designated (A), (H), (N), or (S)		10
<b>Hours Subtotal</b>		<b>40</b>
<b>Diversity (D) &amp; International Dimension (I)</b>		
May be completed in any part of the degree plan		
Select at least one Diversity (D) course		
Select at least one International Dimension (I) course		
<b>College/Departmental Requirements</b>		
<i>First Year Seminar</i>		
(Transfer students with 15 hours exempt)		1
<i>Foreign Language</i>		
See note 3		
0-6 hours		
<i>Upper-Division General Education</i>		
Select 6 hours outside major department		
See note 2.c.		
<b>Hours Subtotal</b>		<b>1</b>
<b>Major Requirements</b>		
Minimum 2.50 GPA with minimum grade of "C" in all MUSI and JAZZ courses.		

MUSI 1531	Sight Singing and Aural Skills	1
MUSI 1532	Theory of Music I	2
MUSI 1541	Sight Singing and Aural Skills II	1
MUSI 1542	Theory of Music II	2
JAZZ 4002	Jazz Theory I	2
JAZZ 4012	Jazz Theory II	2
JAZZ 4102	Jazz Arranging & Composition I	2
JAZZ 4112	Jazz Arranging and Composition II	2
JAZZ 4972	Jazz Styles and Analysis	2
Select 2 hours of Applied Minor Music Lessons		2
MUSI 1011	Class Piano I	
JAZZ 1221	Jazz Class Piano	
MUSI 3582	Survey of World Musics	2
MUSI 3592	Introduction to Music Technology	2
MUSI 3672	Music Technology II	2
MUSI 3712	Basic Conducting	2
MUSI 3873	History of Music from 1800-Present	3
MUSI 3901	Junior Recital	1
MUSI 4901	Senior Recital	1
JAZZ 3010	Applied Jazz Lessons	26
JAZZ 3610	Jazz Orchestra	8
or JAZZ 3620	Jazz Ensemble	
JAZZ 4600	Jazz Combos	6
<b>Hours Subtotal</b>		<b>71</b>
<b>Electives</b>		<b>8</b>
May need to include 6 hours upper-division general education outside major department (see note 2.c.)		
<b>Hours Subtotal</b>		<b>8</b>
<b>Total Hours</b>		<b>120</b>

All Music Majors must successfully complete an entrance audition, upper-division theory examination, keyboard proficiency examination, and six semesters of MUSI 0500 Student Recital Attendance, and must enroll in piano until they have successfully completed the piano proficiency examination.

## College of Arts and Sciences Requirements

### 1. General Education Requirements

No more than two courses (or eight hours) from the major department (<http://catalog.okstate.edu/college-arts-sciences-major-departments/>) may be used to meet General Education and College and Departmental Requirements. The General Education required English Composition, required U.S. History, required American Government, one required MATH or STAT course, and required foreign language for B.A. degrees do not count against the two-course maximum.

### 2. A&S College/Departmental Requirements

- Arts and Humanities are defined as any course carrying an (H) designation or courses from AMST, ART, DANC, ENGL (except ENGL 3323 Technical Writing) HIST, MUSI, PHIL (except PHIL 1313 Logic and Critical Thinking (A), PHIL 3003 Symbolic Logic (A) and PHIL 4003 Mathematical Logic and Computability), REL, TH, and foreign languages.

- b. Natural and Mathematical Sciences are defined as any course from the following prefixes: ASTR, BIOC, BIOL, CHEM, CS (except CS 4883 Social Issues in Computing), GEOL, MATH, MICR, PBIO, PHYS, and STAT; or courses from other departments that carry an (A) or (N) general education designation.
- c. The required six hours of upper-division General Education may not include courses from the student's major department. This requirement may be satisfied by courses also used to satisfy any part of a student's degree program (i.e., in General Education, College Departmental Requirements, Major Requirements or Electives).
- d. Non-Western Studies Requirement for B.A. and B.F.A.; One 3-hour course in Non-Western Studies (N.W.). This requirement may be satisfied by courses also used to satisfy any part of a student's degree program (i.e., in General Education, College Departmental Requirements, Major Requirements or Electives).
- e. The College of Arts & Sciences requires a minimum 2.0 GPA in all major requirements and a minimum 2.0 GPA in all major-prefix courses applied to the degree.

### 3. Foreign Language Proficiency

- a. The foreign language requirement for the B.A. may be satisfied by 9 hours college credit in the same language, which must include 3 hours at the 2000-level, or equivalent proficiency (e.g., passing an advanced standing examination; TOEFL exam; presenting a high school transcript which demonstrates the high school was primarily conducted in a language other than English; etc.). Computer Science courses may not be used to satisfy this requirement. Currently Arabic and Mvskoke are not offered at the 2000-level at OSU.
- b. The foreign language requirement for the B.S., B.M. and B.F.A. may be satisfied by presenting a high school transcript which demonstrates two years of study of a single foreign language (passing grades at second-year level of study). It may also be satisfied by 6 hours college credit in the same language, which must include language courses 1713 and 1813, or equivalent proficiency (e.g., passing an advanced standing examination; TOEFL exam; presenting a high school transcript which demonstrates the high school was primarily conducted in a language other than English; etc.). Computer Science courses may not be used to satisfy this requirement.
- c. In addition to a. and b., students pursuing teacher certification must meet novice-high foreign language proficiency by presenting a high school transcript which demonstrates two years of study of a single foreign language with no grade below B. Or, students may complete 3 hours college credit in a single language with no grade below C (or pass an advanced standing examination, College Level Examination Program (CLEP) exam, or Oral Proficiency Interview developed by the American Council on the Teaching of Foreign Languages, equivalent to 3 hours of college credit.) Or, students may meet the requirement by transfer of documentation of meeting the foreign language competency from one of the teacher education programs in the State of Oklahoma approved by the Oklahoma State Regents for Higher Education.

### 4. Exclusions

- a. Courses used to satisfy the General Education English Composition, U.S. History, American Government, and Mathematics or Statistics requirements will not count toward the 54-hour maximum allowed from one department.

- b. Courses with ATHL or LEIS prefixes and leisure activity courses may not be used for degree credit.

## Additional State/OSU Requirements

- At least: 60 hours at a four-year institution; 30 hours completed at OSU; 15 of the final 30 or 50% of the upper-division hours in the major field completed at OSU.
- Limit of: one-half of major course requirements as transfer work; one-fourth of hours earned by correspondence; 8 transfer correspondence hours.
- Students will be held responsible for degree requirements in effect at the time of matriculation and any changes that are made, so long as these changes do not result in semester credit hours being added or do not delay graduation.
- Degrees that follow this plan must be completed by the end of Summer 2028.

## Music: Music Composition, BA

**Requirements for Students Matriculating in or before Academic Year 2022-2023.** Learn more about University Academic Regulation 3.1 (p. 943).

**Minimum Overall Grade Point Average: 2.00**

**Total Hours: 120**

Code	Title	Hours
<b>General Education Requirements</b>		
<i>English Composition</i>		
See Academic Regulation 3.5 (p. 944)		
ENGL 1113	Composition I	3
or ENGL 1313	Critical Analysis and Writing I	
Select one of the following:		3
ENGL 1213	Composition II	
ENGL 1413	Critical Analysis and Writing II	
ENGL 3323	Technical Writing	
<i>American History &amp; Government</i>		
HIST 1103	Survey of American History	3
or HIST 1483	American History to 1865 (H)	
or HIST 1493	American History Since 1865 (DH)	
POLS 1113	American Government	3
<i>Analytical &amp; Quantitative Thought (A)</i>		
MATH or STAT course designated (A)		3
<i>Humanities (H)</i>		
MUSI 3753	History of Music to 1600 (H) (Minimum grade of "C")	3
Courses designated (H)		3
<i>Natural Sciences (N)</i>		
Must include one Laboratory Science (L) course		
Courses designated (N)		6
<i>Social &amp; Behavioral Sciences (S)</i>		
Courses designated (S)		3
<i>Additional General Education</i>		
Courses designated (A), (H), (N), or (S)		10
<b>Hours Subtotal</b>		<b>40</b>
<b>Diversity (D) &amp; International Dimension (I)</b>		
May be completed in any part of the degree plan		
Select at least one Diversity (D) course		
Select at least one International Dimension (I) course		
<b>College/Departmental Requirements</b>		
<i>First Year Seminar</i>		
(Transfer students with 15 hours exempt)		1
<i>Arts &amp; Humanities</i>		
See note 2.a.		9
<i>Natural &amp; Mathematical Sciences</i>		
See note 2.b.		3
<i>Foreign Language</i>		
See note 3		9
<i>Non-Western Studies</i>		
At least one course		
(See note 2.d.)		

### Upper-Division General Education

Select 6 hours outside major department

See note 2.c.

**Hours Subtotal** **22**

### Major Requirements

Minimum 2.50 GPA with minimum grade of "C" in all MUSI and JAZZ courses.

MUSI 1011	Class Piano I	1
MUSI 1021	Class Piano II	1
MUSI 1531	Sight Singing and Aural Skills	1
MUSI 1532	Theory of Music I	2
MUSI 1541	Sight Singing and Aural Skills II	1
MUSI 1542	Theory of Music II	2
MUSI 2551	Sight Singing and Aural Skills III	1
MUSI 2552	Theory of Music III	2
MUSI 2561	Sight Singing and Aural Skills IV	1
MUSI 2562	Theory of Music IV	2
or JAZZ 4002	Jazz Theory I	
MUSI 3582	Survey of World Musics	2
MUSI 3712	Basic Conducting	2
MUSI 3763	History of Music from 1600-1800	3
MUSI 3783	Form And Analysis	3
MUSI 3873	History of Music from 1800-Present	3
4 hours from:		4
MUSI 2610	University Bands I	
MUSI 2620	Symphony Orchestra I	
MUSI 2630	University Choral Ensembles I	
MUSI 3610	University Bands II	
MUSI 3620	Symphony Orchestra II	
MUSI 3630	University Choral Ensembles II	
<i>Music Composition</i>		
MUSI 2010	Piano Class Lessons	2
& MUSI 3190	and Secondary Piano	
or MUSI 2490	Major Applied Lessons	
or JAZZ 3010	Applied Jazz Lessons	
MUSI 2080	Music Composition	4
MUSI 4080	Music Composition	8
MUSI 3772	Counterpoint	2
MUSI 4912	Orchestration and Arranging	2
MUSI 4972	Post Tonal Analysis	2
<b>Hours Subtotal</b>		<b>51</b>
<b>Electives</b>		
Select 7 hours		7
All electives plus 3 hours of general education or college requirements, in addition to MUSI 3753, may need to be upper-division and must include 6 hours upper-division general education outside major department (see note 2.c.).		
<b>Hours Subtotal</b>		<b>7</b>
<b>Total Hours</b>		<b>120</b>

All Music Majors must successfully complete an entrance audition, upper-division theory examination, keyboard proficiency examination, and six semesters of MUSI 0500 Student Recital Attendance.



1

College and Departmental Requirements that may be used to meet General Education Requirements.

## College of Arts and Sciences Requirements

### 1. General Education Requirements

No more than two courses (or eight hours) from the major department (<http://catalog.okstate.edu/college-arts-sciences-major-departments/>) may be used to meet General Education and College and Departmental Requirements. The General Education required English Composition, required U.S. History, required American Government, one required MATH or STAT course, and required foreign language for B.A. degrees do not count against the two-course maximum.

### 2. A&S College/Departmental Requirements

- a. Arts and Humanities are defined as any course carrying an (H) designation or courses from AMST, ART, DANC, ENGL (except ENGL 3323 Technical Writing) HIST, MUSI, PHIL (except PHIL 1313 Logic and Critical Thinking (A), PHIL 3003 Symbolic Logic (A) and PHIL 4003 Mathematical Logic and Computability), REL, TH, and foreign languages.
- b. Natural and Mathematical Sciences are defined as any course from the following prefixes: ASTR, BIOC, BIOL, CHEM, CS (except CS 4883 Social Issues in Computing), GEOL, MATH, MICR, PBIO, PHYS, and STAT; or courses from other departments that carry an (A) or (N) general education designation.
- c. The required six hours of upper-division General Education may not include courses from the student's major department. This requirement may be satisfied by courses also used to satisfy any part of a student's degree program (i.e., in General Education, College Departmental Requirements, Major Requirements or Electives).
- d. Non-Western Studies Requirement for B.A. and B.F.A.; One 3-hour course in Non-Western Studies (N.W.). This requirement may be satisfied by courses also used to satisfy any part of a student's degree program (i.e., in General Education, College Departmental Requirements, Major Requirements or Electives).
- e. The College of Arts & Sciences requires a minimum 2.0 GPA in all major requirements and a minimum 2.0 GPA in all major-prefix courses applied to the degree.

### 3. Foreign Language Proficiency

- a. The foreign language requirement for the B.A. may be satisfied by 9 hours college credit in the same language, which must include 3 hours at the 2000-level, or equivalent proficiency (e.g., passing an advanced standing examination; TOEFL exam; presenting a high school transcript which demonstrates the high school was primarily conducted in a language other than English; etc.). Computer Science courses may not be used to satisfy this requirement. Currently Arabic and Mvskoke are not offered at the 2000-level at OSU.
- b. The foreign language requirement for the B.S., B.M. and B.F.A. may be satisfied by presenting a high school transcript which demonstrates two years of study of a single foreign language (passing grades at second-year level of study). It may also be satisfied by 6 hours college credit in the same language, which must include language courses 1713 and 1813, or equivalent proficiency (e.g., passing an advanced standing examination; TOEFL exam; presenting a high school transcript

which demonstrates the high school was primarily conducted in a language other than English; etc.). Computer Science courses may not be used to satisfy this requirement.

- c. In addition to a. and b., students pursuing teacher certification must meet novice-high foreign language proficiency by presenting a high school transcript which demonstrates two years of study of a single foreign language with no grade below B. Or, students may complete 3 hours college credit in a single language with no grade below C (or pass an advanced standing examination, College Level Examination Program (CLEP) exam, or Oral Proficiency Interview developed by the American Council on the Teaching of Foreign Languages, equivalent to 3 hours of college credit.) Or, students may meet the requirement by transfer of documentation of meeting the foreign language competency from one of the teacher education programs in the State of Oklahoma approved by the Oklahoma State Regents for Higher Education.

### 4. Exclusions

- a. Courses used to satisfy the General Education English Composition, U.S. History, American Government, and Mathematics or Statistics requirements will not count toward the 54-hour maximum allowed from one department.
- b. Courses with ATHL or LEIS prefixes and leisure activity courses may not be used for degree credit.

## Other Requirements

- See the College of Arts and Sciences Requirements.
- **Upper-Division Credit:** Total hours must include at least 40 hours in courses numbered 3000 or above.
- **Hours in One Department:** For B.A. and B.S. degrees, no more than 54 hours in one department may be applied to degree requirements.

## Additional State/OSU Requirements

- At least: 60 hours at a four-year institution; 30 hours completed at OSU; 15 of the final 30 or 50% of the upper-division hours in the major field completed at OSU.
- Limit of: one-half of major course requirements as transfer work; one-fourth of hours earned by correspondence; 8 transfer correspondence hours.
- Students will be held responsible for degree requirements in effect at the time of matriculation and any changes that are made, so long as these changes do not result in semester credit hours being added or do not delay graduation.
- Degrees that follow this plan must be completed by the end of Summer 2028.



## Music: Performance, BM

### Degree Requirements

**Requirements for Students Matriculating in or before Academic Year 2022-2023.** Learn more about University Academic Regulation 3.1 (p. 943).

**Minimum Overall Grade Point Average:** 2.00

**Total Hours:** Vocal-125 Keyboard/Instrumental-122

Code	Title	Hours
<b>General Education Requirements</b>		
<i>English Composition</i>		
See Academic Regulation 3.5 (p. 944)		
ENGL 1113	Composition I	3
or ENGL 1313	Critical Analysis and Writing I	
Select one of the following:		3
ENGL 1213	Composition II	
ENGL 1413	Critical Analysis and Writing II	
ENGL 3323	Technical Writing	
<i>American History &amp; Government</i>		
HIST 1103	Survey of American History	3
or HIST 1483	American History to 1865 (H)	
or HIST 1493	American History Since 1865 (DH)	
POLS 1113	American Government	3
<i>Analytical &amp; Quantitative Thought (A)</i>		
MATH or STAT course designated (A)		3
<i>Humanities (H)</i>		
MUSI 3753	History of Music to 1600 (H) (Minimum grade of "C") <sup>1</sup>	3
Courses designated (H)		3
<i>Natural Sciences (N)</i>		
Must include one Laboratory Science (L) course		
Course designated (N)		6
<i>Social &amp; Behavioral Sciences (S)</i>		
Course designated (S)		3
<i>Additional General Education</i>		
Courses designated (A), (H), (N), or (S)		10
<b>Hours Subtotal</b>		<b>40</b>
<b>Diversity (D) &amp; International Dimension (I)</b>		
May be completed in any part of the degree plan		
Select at least one Diversity (D) course		
Select at least one International Dimension (I) course		
<b>College/Departmental Requirements</b>		
<i>First Year Seminar</i>		
(Transfer students with 15 hours exempt)		1
<i>Foreign Language</i>		
See note 3		
0-6 hours		
<i>Upper-Division General Education</i>		
Select 6 hours outside major department		
See note 2.c.		
<b>Hours Subtotal</b>		<b>1</b>

### Major Requirements

Minimum 2.50 GPA with minimum grade of "C" in all MUSI and JAZZ courses.		
MUSI 1531	Sight Singing and Aural Skills	1
MUSI 1532	Theory of Music I	2
MUSI 1541	Sight Singing and Aural Skills II	1
MUSI 1542	Theory of Music II	2
MUSI 2551	Sight Singing and Aural Skills III	1
MUSI 2552	Theory of Music III	2
MUSI 2561	Sight Singing and Aural Skills IV	1
MUSI 2562	Theory of Music IV	2
Select 12 hours of Applied Major Music Lessons:		12
MUSI 2490	Major Applied Lessons	
Select 2 hours of Applied Minor Music Lessons		2
MUSI 1011	Class Piano I	
MUSI 1021	Class Piano II	
MUSI 2010	Piano Class Lessons	
MUSI 2480	Elective Applied Lessons	
MUSI 4480	Elective Applied Lessons	
Select 4 hours from the following:		4
Instrumental and Vocal majors: select 4 hours of lower-division Music Organization		
MUSI 2610	University Bands I	
MUSI 2620	Symphony Orchestra I	
MUSI 2630	University Choral Ensembles I	
Keyboard majors: select 2 hours of Music Organization and 2 hours MUSI 4700		
MUSI 3582	Survey of World Musics	2
MUSI 3712	Basic Conducting	2
MUSI 3763	History of Music from 1600-1800	3
MUSI 3783	Form And Analysis	3
MUSI 3873	History of Music from 1800-Present	3
MUSI 4972	Post Tonal Analysis	2
MUSI 4490 (Major Applied Lessons)		14
MUSI 3901	Junior Recital	1
MUSI 4901	Senior Recital	1
Select one group (p. 1586)		
<b>Hours Subtotal</b>		<b>81-84</b>
<b>Electives</b>		
May need to include 6 hours upper-division general education outside major department (see note 2.c.)		
<b>Hours Subtotal</b>		<b>0</b>
<b>Total Hours</b>		
<i>Vocal</i>		125
<i>Keyboard/Instrumental</i>		122
1		
College and Departmental Requirements that may be used to meet General Education Requirements.		
All Music Majors must successfully complete an entrance audition, upper-division theory examination, keyboard proficiency examination, and six semesters of MUSI 0500 Student Recital Attendance, and must enroll		

in piano until they have successfully completed the piano proficiency examination.

## Groups Keyboard

Code	Title	Hours
4 hours from:		4
MUSI 4840	Special Studies in Music Literature	
4 hours from:		4
MUSI 4890	Special Studies in Music Pedagogy	
MUSI 4042	Collaborative Piano I	2
MUSI 4142	Collaborative Piano II	2
2 hours from:		2
MUSI 4600	Chamber Ensembles	
Select 6 hours from one foreign language		6

## Instrumental

Code	Title	Hours
MUSI 4840	Special Studies in Music Literature	2
MUSI 4890	Special Studies in Music Pedagogy	2
Ensemble: Select 8 hours upper-division Music Organization including at least 2 hours of Chamber Music		8
MUSI 3610	University Bands II	
MUSI 3620	Symphony Orchestra II	
MUSI 4600	Chamber Ensembles	
JAZZ 3610	Jazz Orchestra	
JAZZ 3620	Jazz Ensemble	
JAZZ 4600	Jazz Combos	
Select one of the following:		2
MUSI 3722	Advanced Ensemble Conducting	
MUSI 3772	Counterpoint	
MUSI 4912	Orchestration and Arranging	
MUSI 4480	Elective Applied Lessons (2 hours)	
Select 6 hours from one foreign language		6

## Vocal

Code	Title	Hours
MUSI 4890	Special Studies in Music Pedagogy	2
<i>Diction/Literature</i>		
MUSI 3642	English and Italian Diction and Vocal Literature	2
MUSI 3652	French Diction and Vocal Literature	2
MUSI 3662	German Diction and Vocal Literature	2
Ensemble: Select 6 hours upper-division Music Organization including at least one hour of Chamber Music		6
MUSI 3630	University Choral Ensembles II	
MUSI 4600	Chamber Ensembles	
Select 9 hours of foreign language from no more than two languages		9

## Other Requirements

- See the College of Arts and Sciences Requirements.
- **Upper-Division Credit:** Total hours must include at least 40 hours in courses numbered 3000 or above.
- **Hours in One Department:** For B.A. and B.S. degrees, no more than 54 hours in one department may be applied to degree requirements.

## College of Arts and Sciences Requirements

### 1. General Education Requirements

No more than two courses (or eight hours) from the major department (<http://catalog.okstate.edu/college-arts-sciences-major-departments/>) may be used to meet General Education and College and Departmental Requirements. The General Education required English Composition, required U.S. History, required American Government, one required MATH or STAT course, and required foreign language for B.A. degrees do not count against the two-course maximum.

### 2. A&S College/Departmental Requirements

- Arts and Humanities are defined as any course carrying an (H) designation or courses from AMST, ART, DANC, ENGL (except ENGL 3323 Technical Writing) HIST, MUSI, PHIL (except PHIL 1313 Logic and Critical Thinking (A), PHIL 3003 Symbolic Logic (A) and PHIL 4003 Mathematical Logic and Computability), REL, TH, and foreign languages.
- Natural and Mathematical Sciences are defined as any course from the following prefixes: ASTR, BIOC, BIOL, CHEM, CS (except CS 4883 Social Issues in Computing), GEOL, MATH, MICR, PBIO, PHYS, and STAT; or courses from other departments that carry an (A) or (N) general education designation.
- The required six hours of upper-division General Education may not include courses from the student's major department. This requirement may be satisfied by courses also used to satisfy any part of a student's degree program (i.e., in General Education, College Departmental Requirements, Major Requirements or Electives).
- Non-Western Studies Requirement for B.A. and B.F.A.; One 3-hour course in Non-Western Studies (N.W.). This requirement may be satisfied by courses also used to satisfy any part of a student's degree program (i.e., in General Education, College Departmental Requirements, Major Requirements or Electives).
- The College of Arts & Sciences requires a minimum 2.0 GPA in all major requirements and a minimum 2.0 GPA in all major-prefix courses applied to the degree.

### 3. Foreign Language Proficiency

- The foreign language requirement for the B.A. may be satisfied by 9 hours college credit in the same language, which must include 3 hours at the 2000-level, or equivalent proficiency (e.g., passing an advanced standing examination; TOEFL exam; presenting a high school transcript which demonstrates the high school was primarily conducted in a language other than English; etc.). Computer Science courses may not be used to satisfy this requirement. Currently Arabic and Mvskoke are not offered at the 2000-level at OSU.
- The foreign language requirement for the B.S., B.M. and B.F.A. may be satisfied by presenting a high school transcript which demonstrates two years of study of a single foreign language

(passing grades at second-year level of study). It may also be satisfied by 6 hours college credit in the same language, which must include language courses 1713 and 1813, or equivalent proficiency (e.g., passing an advanced standing examination; TOEFL exam; presenting a high school transcript which demonstrates the high school was primarily conducted in a language other than English; etc.). Computer Science courses may not be used to satisfy this requirement.

- c. In addition to a. and b., students pursuing teacher certification must meet novice-high foreign language proficiency by presenting a high school transcript which demonstrates two years of study of a single foreign language with no grade below B. Or, students may complete 3 hours college credit in a single language with no grade below C (or pass an advanced standing examination, College Level Examination Program (CLEP) exam, or Oral Proficiency Interview developed by the American Council on the Teaching of Foreign Languages, equivalent to 3 hours of college credit.) Or, students may meet the requirement by transfer of documentation of meeting the foreign language competency from one of the teacher education programs in the State of Oklahoma approved by the Oklahoma State Regents for Higher Education.

#### 4. Exclusions

- a. Courses used to satisfy the General Education English Composition, U.S. History, American Government, and Mathematics or Statistics requirements will not count toward the 54-hour maximum allowed from one department.
- b. Courses with ATHL or LEIS prefixes and leisure activity courses may not be used for degree credit.

## Additional State/OSU Requirements

- At least: 60 hours at a four-year institution; 30 hours completed at OSU; 15 of the final 30 or 50% of the upper-division hours in the major field completed at OSU.
- Limit of: one-half of major course requirements as transfer work; one-fourth of hours earned by correspondence; 8 transfer correspondence hours.
- Students will be held responsible for degree requirements in effect at the time of matriculation and any changes that are made, so long as these changes do not result in semester credit hours being added or do not delay graduation.
- Degrees that follow this plan must be completed by the end of Summer 2028.

## Example Plan of Study

### Finish in Four Plan of Study<sup>1</sup>

The plan below is an **example** of how students can successfully complete degree requirements in four years. This suggested class schedule plan may be used as a guide and can be adjusted based on individual needs. Students are required to meet with an academic advisor prior to enrollment each semester to plan their class schedule, and students are ultimately responsible for completing all degree requirements.

Course	Title	Hours
<b>Freshman</b>		
<b>Fall</b>		
A&S 1111	A&S First Year Seminar	1
ENGL 1113 or ENGL 1313	Composition I or Critical Analysis and Writing I	3

3 hours MATH or STAT (A)		3
MUSI 0500	Student Recital Attendance	0
MUSI 1531	Sight Singing and Aural Skills	1
MUSI 1532	Theory of Music I	2
Music Lessons and Ensemble		4

**Hours 14**

<b>Spring</b>		
ENGL 1213 or ENGL 1413	Composition II or Critical Analysis and Writing II	3
MUSI 0500	Student Recital Attendance	0
MUSI 1541	Sight Singing and Aural Skills II	1
MUSI 1542	Theory of Music II	2
Music Lessons and Ensemble		4
General Education and Major courses <sup>2</sup>		6

**Hours 16**

<b>Sophomore</b>		
<b>Fall</b>		
MUSI 2551	Sight Singing and Aural Skills III	1
MUSI 0500	Student Recital Attendance	0
MUSI 2552	Theory of Music III	2
MUSI 3753	History of Music to 1600 (H)	3
Music Lessons and Ensemble		6
1713 First Semester Foreign Language		3

**Hours 15**

<b>Spring</b>		
MUSI 2561	Sight Singing and Aural Skills IV	1
MUSI 2562	Theory of Music IV	2
MUSI 3763	History of Music from 1600-1800	3
MUSI 0500	Student Recital Attendance	0
Music Lessons and Ensemble		5
1813 Second Semester Foreign Language		3

**Hours 14**

<b>Junior</b>		
<b>Fall</b>		
MUSI 3783	Form And Analysis	3
MUSI 3873	History of Music from 1800-Present	3
MUSI 3582	Survey of World Musics	2
MUSI 0500	Student Recital Attendance	0
Music Lessons and Ensemble		5
General Education and College courses <sup>2</sup>		3

**Hours 16**

<b>Spring</b>		
MUSI 3901	Junior Recital	1
MUSI 0500	Student Recital Attendance	0
Music Lessons and Ensemble		7
General Education courses <sup>2</sup>		7

**Hours 15**

<b>Senior</b>		
<b>Fall</b>		
MUSI 4840	Special Studies in Music Literature	2
MUSI 4600	Chamber Ensembles	1
MUSI 3712	Basic Conducting	2
Music Lessons and Ensemble		5
General Education courses <sup>2</sup>		6

**Hours 16**

<b>Spring</b>		
MUSI 4901	Senior Recital	1
MUSI 4890	Special Studies in Music Pedagogy	2
MUSI 3732 or MUSI 3772 or MUSI 4912	Secondary Choral Methods or Counterpoint or Orchestration and Arranging	2
Music Ensemble		2

General Education courses <sup>2</sup>	9
<b>Hours</b>	<b>16</b>
<b>Total Hours</b>	<b>122</b>

1

Credit hours are 125 for Vocal Performance. Please consult with your major advisor for details.

2

Speak with academic advisor about saving General Education electives and Humanities (H) for Upper-division courses with International (I) and Diversity (D) dimensions.

## Philosophy

Philosophy is both an intellectual activity and a subject of study. As an activity, philosophy seeks to analyze, evaluate, and often reformulate the ideas, principles and arguments by which experience is understood and explained and by which action is directed and justified. Philosophy explores every area of experience and behavior: e.g., aesthetic, political, religious, scientific and moral. The writings produced by great philosophers are worthy of study as models of thought and as artifacts of historical influence and cultural significance.

Courses offered in philosophy fall into three general groups: broad introductory courses that cover a variety of topics, historical courses that study important thinkers, and special topic or field courses. Some offerings combine the latter two characteristics. Few undergraduate courses are intended primarily for majors. The BA program in philosophy has been approved for offering at OSU-Tulsa. Students may pursue work in philosophy as part of their general education, as a support to their major area of concentration, as a minor, as a major leading to a BA degree, as a second major, or in connection with a graduate program.

In addition to the standard Bachelor of Arts in Philosophy, which offers three tracks (see below), the Department also offers two specialty options, Pre-Ministry and Pre-Law. The Pre-Ministry option includes required courses in Religious Studies, and students are encouraged to take counseling courses as electives. The Pre-Law option is flexible and allows students to incorporate relevant courses from departments such as Political Science, Economics, Finance and Business Communications

The standard Bachelor of Arts in Philosophy accommodates students of three sorts. The "general" track is designed for students who wish to explore philosophy as a general path to the refinement of their thinking, writing and speaking, and a deepening appreciation of the most fundamental and guiding ideas and values of civilization. It is a very flexible program, requiring two lower-division introductory courses, two upper-division historical survey courses and 19 hours of additional unspecified philosophy courses numbered 3000 or above. The "pre-professional" track is designed for students who wish to provide a philosophical foundation for their professional interests (such as law, medicine, business, public service). Though requirements are technically the same for these students as those on a general track, they are assigned a second advisor who helps to coordinate curricular and other activities for the best career preparation possible. The "graduate preparation" track is designed for students who are interested in pursuing graduate studies in philosophy. It requires an additional six hours of upper-division philosophy and mandates more specific courses than either of the other tracks. Students may shift from track to track at any time without prejudice.

A minor or a second major in philosophy will complement any other area of study. A philosophy minor requires 18 hours of unspecified philosophy courses, 12 of which must be numbered 3000 or above.

## Courses

### PHIL 1023 Who Do You Think You Are? (H)

**Description:** Is who you think you are really who you are? Is there more to understanding who we are than we can know with the mind? Are there depths of our personal identity that go beyond our ordinary notions about being "somebody" ? Does discovering who and what I am have any impact on the quality of my life? This course explores these issues from both philosophical and spiritual sources, utilizing practices designed to help bring direct, transformative insights into the question of who and what we really are so that we might enjoy a life of peace, love and joy.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Philosophy

**General Education and other Course Attributes:** Humanities

### PHIL 1113 Introduction To Philosophy (H)

**Description:** Selected philosophical problems: the nature of reality, knowledge, value, social ideals and religion. Previously offered as PHIL 2113.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Philosophy

**General Education and other Course Attributes:** Humanities

### PHIL 1213 Philosophies of Life (H)

**Description:** Introduction to selected views of living a meaningful life in light of morality, social values, truth and freedom.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Philosophy

**General Education and other Course Attributes:** Humanities

### PHIL 1313 Logic and Critical Thinking (A)

**Description:** Formal and informal reasoning, common fallacies, definitions and language functions, patterns of explanation. Practical criticism and development of everyday arguments.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Philosophy

**General Education and other Course Attributes:** Analytical & Quant Thought

### PHIL 2003 Local Issues and Ethical Controversies (H)

**Description:** This course will familiarize students with current and highly debated moral issues that affect their lives and the lives of those in their community. Moral theories will be applied to critical issues that affect Oklahoma and surrounding Southwestern states. Students will learn how to articulate both sides of these debated issues, as well as how to engage in civil discourse with others with whom they may disagree.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Philosophy

**General Education and other Course Attributes:** Humanities

**PHIL 2013 Philosophical Classics (H)**

**Description:** Basic works by great thinkers, including Plato, Descartes and Hume. Previously offered as PHIL 1013.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Philosophy

**General Education and other Course Attributes:** Humanities

**PHIL 2043 Philosophy of Film (H)**

**Description:** This course introduces students to the various philosophical issues surrounding film. Topics will include: the nature of cinema, authorship and narration, film's relationship with the emotions, genre, and cinematic depictions of love, violence, race and gender. Various film techniques will also be discussed, including cinematography, lighting, editing, scoring and sound design. These issues will be dealt with by making use of philosophical texts. Course previously offered as PHIL 3723.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Philosophy

**General Education and other Course Attributes:** Humanities

**PHIL 2053 Philosophy in Literature (H)**

**Description:** Selected literary works examined for philosophical ideas and themes. Attention to the interrelation of form and content. Thematic approach. Course previously offered as PHIL 4453.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Philosophy

**General Education and other Course Attributes:** Humanities

**PHIL 2413 Global Ethics (HI)**

**Description:** Issues like poverty, climate change, immigration and the development and distribution of medical treatments can best be understood as global issues. In Global Ethics, students will study a variety of global ethical challenges and learn how those from different countries/cultures understand and respond to these challenges. The goal of this course is not to convince students that one particular viewpoint is correct. Rather, students will be encouraged to determine what they believe is the best way to understand and ethically respond to some of the global ethical issues that currently challenge us.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Philosophy

**General Education and other Course Attributes:** Humanities, International Dimension

**PHIL 2513 Philosophy and Culture (H)**

**Description:** A philosophical investigation of diverse cultural attitudes, values, and experiences. Representative topics include social media, entertainment, music, film, art, tradition, ritual, gender, race, class, and religion.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Philosophy

**General Education and other Course Attributes:** Humanities

**PHIL 2573 Drugs, Philosophy and Society (H)**

**Description:** This course explores the various philosophical issues that arise from humankind's relationship with drug use. Considerable time will be spent analyzing both the justification and ethical implications of current United States drug policies.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Philosophy

**General Education and other Course Attributes:** Humanities

**PHIL 2890 Honors Experience in Philosophy**

**Prerequisites:** Honors Program participation and concurrent enrollment in a designated PHIL course.

**Description:** A supplemental Honors experience in Philosophy to partner concurrently with designated Philosophy course(s). This course adds a different intellectual dimension to the designated course(s). Offered for fixed credit, 1 credit hour, maximum of 6 credit hours.

**Credit hours:** 1

**Contact hours:** Lecture: 1 Contact: 1

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Philosophy

**General Education and other Course Attributes:** Honors Credit

**PHIL 2990 Sophomore Seminar in Philosophy**

**Prerequisites:** 3 credit hours of Philosophy or consent of instructor.

**Description:** A seminar-style course on varying philosophic topics intended for sophomores, taught by faculty members on a rotating basis. Offered for fixed credit, 3 credit hours, maximum of 6 credit hours.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Philosophy

**PHIL 3003 Symbolic Logic (A)**

**Description:** Propositional logic and predicate logic with identity. Formal analysis of language. Previously offered as PHIL 4303. May not be used for degree credit with PHIL 5003.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Philosophy

**General Education and other Course Attributes:** Analytical & Quant Thought



**PHIL 3113 Ancient Greek Philosophy (H)**

**Prerequisites:** PHIL 1113, PHIL 1313 or PHIL 2013, or any 3000-4000 level PHIL course.

**Description:** Historically-based introduction to the philosophical ideas and works of Plato and Aristotle. Begin by reading excerpts and commentary on the Pre-Socratics and Sophists. End the course with readings from the Hellenistic schools of philosophy: Stoics, Skeptics, and Epicureans.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Philosophy

**General Education and other Course Attributes:** Humanities

**PHIL 3213 17th and 18th Century Philosophy (H)**

**Prerequisites:** PHIL 1113 or PHIL 1313 or PHIL 2013, or any 3000-4000 level PHIL course.

**Description:** Major philosophers and problems in Western thought from the 17th through the 18th century. Emphasis on Descartes, Hume and Kant.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Philosophy

**General Education and other Course Attributes:** Humanities

**PHIL 3313 19th and 20th Century Philosophy (H)**

**Description:** Major philosophers and problems in Western thought from Hegel to the present.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Philosophy

**General Education and other Course Attributes:** Humanities

**PHIL 3413 Ethical Theory (H)**

**Description:** Contemporary and classical views on the nature of moral judgments, moral value, relativity and objectivity, freedom and responsibility.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Philosophy

**General Education and other Course Attributes:** Humanities

**PHIL 3433 Happiness and Well-being (H)**

**Description:** An investigation into the science and philosophy of happiness and well-being as well as the relationship between the two.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Philosophy

**General Education and other Course Attributes:** Humanities

**PHIL 3513 Social Philosophy (H)**

**Description:** Major social thinkers and contemporary issues. Social authority, human rights, political forms and justice. Emphasis on Aristotle, Locke, Mill and Marx.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Philosophy

**General Education and other Course Attributes:** Humanities

**PHIL 3523 Medieval Philosophy (H)**

**Description:** The central focus is on the philosophical and theological problems that engaged the minds of medieval thinkers from Christian, Islamic, and Jewish traditions, including Abelard, Avicenna, Averroes, Maimonides, Aquinas, Scotus, and Ockham.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Philosophy

**General Education and other Course Attributes:** Humanities

**PHIL 3553 Philosophy of Dreams (H)**

**Description:** Critical examination of philosophical writings about dreams and dream theories. Topics include distinguishing dreams from reality, questions about morality in dreams, and debates about the evolutionary functions of dreams.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Philosophy

**General Education and other Course Attributes:** Humanities

**PHIL 3613 Philosophy of Religion (H)**

**Description:** Nature of religion, religious experience and religious language. God-concepts, theistic arguments, God and evil, God and immortality.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Philosophy

**General Education and other Course Attributes:** Humanities

**PHIL 3623 Philosophy of Race (DH)**

**Description:** Philosophy of Race investigates race discourse within the texts of contemporary philosophers. The course begins with an examination of the concept of race from antiquity through postmodernity. Course discussion focuses on the biological veracity of race, the rise of race as a sociopolitical concept, and the role of modern philosophers in shaping the prevailing perception of people of non-European descent in the West and the implicit justification of slavery, which pervades their texts.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Philosophy

**General Education and other Course Attributes:** Diversity, Humanities

**PHIL 3633 MLK, Malcolm X, & Philosophy of Race (DH)**

**Description:** Critical examination of African American philosophers and other Black thinkers of the Diaspora In an effort to understand the philosophical significance of the Black experience. Since Martin Luther King, Jr. and Malcolm X are widely accepted as the apex of the two major strains of Black-American philosophy this course will closely read their works.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Philosophy

**General Education and other Course Attributes:** Diversity, Humanities

**PHIL 3703 Animal Ethics (H)**

**Description:** Ethical Issues regarding animals and their moral status. Topics include animal welfare, consciousness, ethical arguments for and against eating meat, debates about the legal rights of the great apes, biomedical research, the ethics of zoos and aquariums, methods of population control, and companion animals.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Philosophy

**General Education and other Course Attributes:** Humanities

**PHIL 3713 Philosophy of Education**

**Description:** Classical and contemporary philosophers who have systematically developed their ideas about education, including Plato, Aristotle, Rousseau, Locke, and Dewey.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Philosophy

**PHIL 3733 Environmental Ethics (H)**

**Description:** This course explores human ethical obligations as they related to the broader natural environment in the light of two issues: contemporary concerns about human-induced changes to the environment (pollution, resource depletion, climate change, etc.), and the question of how distinct ways of conceiving the human relationship to nature impact human behavior and thereby the trajectory of these environmental changes.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Philosophy

**General Education and other Course Attributes:** Humanities

**PHIL 3743 Science and Human Values (H)**

**Description:** A general introduction to the history of western science, stressing cultural values affecting scientific innovations, as well as the affects of scientific innovations on cultural values. Important examples from the history of astronomy and physics and from the history of evolutionary biology will be examined. Students will critically examine the relationship(s) between scientific work and broader cultural concerns.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Philosophy

**General Education and other Course Attributes:** Humanities

**PHIL 3773 Social Media Today (H)**

**Description:** In this class students are going to read and reflect upon some of the most influential theories on social media today. Discussions will include the competing analyses of Bauerlein, Carr, Shirky and many others who debate the influences of modern media (like Snapchat, Facebook, and Instagram) on a wide array of topics: social identity, friendship, love, knowledge, communication, individuality, commerce, entertainment, creativity, consumerism, political activism, and democratic ideals.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Philosophy

**General Education and other Course Attributes:** Humanities

**PHIL 3783 Artificial Intelligence and Philosophy (H)**

**Description:** Developments in artificial intelligence raise important philosophical questions about who we are, how we should live, and what we should strive for. This course will cover some of these topics, such as the nature of intelligence, machine consciousness, robot ethics, the politics of automation, and the technological singularity (i.e., the post-human era). We shall also explore the recent growth of machine learning and consider some of its consequences for philosophical questions about science.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Philosophy

**General Education and other Course Attributes:** Humanities

**PHIL 3793 Love, Sex, and Gender (H)**

**Description:** In this class students are going to engage a variety of theories on sex, love, and gender. Some of these theories emphasize the role of our evolutionary past on how we pursue intimate relationships. On this view, much of our desire for sex and love is influenced by the reproductive choices of our ancestors. Other theories, however, stress the rich diversity of social practices historically and across the world today. Students will therefore be exposed to competing ideas on marriage, sexual preferences, promiscuity, hormonal differences, gender socialization, and so forth.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Philosophy

**General Education and other Course Attributes:** Humanities

**PHIL 3803 Business Ethics (H)**

**Description:** Ethical issues in business, such as employer-employee duties and loyalties, advertising uses, preferential treatment practices. Analytic grounding in basic theories of ethics.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Philosophy

**General Education and other Course Attributes:** Humanities

**PHIL 3813 American Philosophy (H)**

**Description:** Dominant trends in American philosophy, with an emphasis on Pragmatism.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Philosophy

**General Education and other Course Attributes:** Humanities

**PHIL 3823 Engineering Ethics**

**Description:** Philosophical analysis of moral issues in engineering practice, such as whistle blowing, conflicts of interest and product liability. Professional codes of ethics.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Philosophy

**PHIL 3833 Biomedical Ethics (H)**

**Description:** Moral problems brought about by recent developments in scientific research and medical technology. Abortion, euthanasia, genetic engineering, and human experimentation.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Philosophy

**General Education and other Course Attributes:** Humanities

**PHIL 3843 Philosophy of Law (H)**

**Prerequisites:** Upper-division standing.

**Description:** Philosophical issues related to U.S. law. The relationship between law and morality, the nature and functions of law and grounds of liability.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Philosophy

**General Education and other Course Attributes:** Humanities

**PHIL 3853 Pragmatism (H)**

**Description:** A survey of Pragmatism and its history. While the course will primarily focus on two major figures of American Pragmatism, Charles Peirce and William James, we will also explore how pragmatism developed in the 21st century and track its influence in both philosophy and science.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Philosophy

**General Education and other Course Attributes:** Humanities

**PHIL 3873 Feminist Philosophy (DH)**

**Description:** Feminist Philosophy introduces students to various concepts, insights, and methodological tools within feminist philosophy. Issues include: what 'feminist philosophy' is, concepts such as intersectionality, power, privilege, and oppression, and how they can be identified in practice. Relationships between feminism and other in-group/out-group binary concerns will also be explored.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Philosophy

**General Education and other Course Attributes:** Diversity, Humanities

**PHIL 3890 Advanced Honors Experience in PHIL**

**Prerequisites:** Honors Program participation and concurrent enrollment in a designated PHIL course.

**Description:** A supplemental Honors experience in philosophy to partner concurrently with designated upper-division PHIL course(s). This course adds a different Intellectual dimension to the designated course(s). Offered for fixed credit, 1 credit hour, maximum of 6 credit hours.

**Credit hours:** 1

**Contact hours:** Lecture: 1 Contact: 1

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Philosophy

**General Education and other Course Attributes:** Honors Credit

**PHIL 3913 Existentialism (H)**

**Prerequisites:** Three credit hours of philosophy.

**Description:** Selected writings and themes in the development of existentialism and related intellectual movements. Subjectivity, phenomenological description, hermeneutics, freedom and value; and such writers as Kierkegaard, Nietzsche, Heidegger, Sartre, Marcel and Buber.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Philosophy

**General Education and other Course Attributes:** Humanities

**PHIL 3920 Contemporary Philosophical Problems**

**Description:** Selected contemporary problems and discussions. Offered for fixed credit, 3 credit hours, maximum of 9 credit hours.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Philosophy

**PHIL 3933 Creation and Evolution**

**Description:** Critical examination of claims that various Creationist/ Intelligent Design models offer better scientific explanations for selected biological phenomena than does the current dominant view of Darwinian Evolution.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Philosophy

**PHIL 3943 Asian Philosophy (HI)**

**Description:** Three main streams of Asian thought: Indian, Chinese and Buddhist. How various thinkers in the three traditions have dealt with questions of being and becoming, knowledge, ethics, and society.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Philosophy

**General Education and other Course Attributes:** Humanities, International Dimension

**PHIL 3991 Contemporary Philosophy Research**

**Prerequisites:** Upper-division standing, at least 12 hours in philosophy completed.

**Description:** Study of leading edge research in philosophy through presentation and discussion of current philosophy journal articles with faculty. Previously offered as PHIL 4991.

**Credit hours:** 1

**Contact hours:** Lecture: 1 Contact: 1

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Philosophy

**PHIL 4000 Senior Thesis in Philosophy**

**Prerequisites:** PHIL 4990 and consent of instructor.

**Description:** Guided individual work on a thesis under the direction of a faculty member, with a second faculty reader and oral presentation. Intended for senior standing undergraduate Philosophy majors. Offered for variable credit, 1-3 credit hours, maximum of 3 credit hours.

**Credit hours:** 1-3

**Contact hours:** Contact: 1-3 Other: 1-3

**Levels:** Undergraduate

**Schedule types:** Independent Study

**Department/School:** Philosophy

**PHIL 4003 Mathematical Logic and Computability**

**Prerequisites:** PHIL 3003 or MATH 3613 or consent of instructor.

**Description:** The basic metatheorems of first order logic: soundness, completeness, compactness, Löwenheim-Skolem theorem, undecidability of first order logic, Gödel's incompleteness theorem. Enumerability, diagonalization, formal systems, standard and nonstandard models, Gödel numberings, Turing machines, recursive functions, and evidence for Church's thesis. Same course as MATH 4003. May not be used for degree credit with PHIL 5013.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Philosophy

**PHIL 4013 Perspectives on Death and Dying (H)**

**Description:** Issues that arise as individuals confront the fact of mortality. Dying patients, the ethical issues of euthanasia and suicide, the process of grief, death in literature and the arts, and philosophical and religious views on immortality.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Philosophy

**General Education and other Course Attributes:** Humanities

**PHIL 4113 Philosophy and the Arts (H)**

**Description:** Nature of aesthetic objects and experiences; form, meaning and value in the arts; the function of art in society; criteria of criticism of the arts.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Philosophy

**General Education and other Course Attributes:** Humanities

**PHIL 4313 Philosophy of Mind (H)**

**Description:** A survey of problems in the philosophy of mind, including the nature of consciousness, physicalism vs. dualism, the self and personal identity, psychopathologies, animal minds, and artificial intelligence.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Philosophy

**General Education and other Course Attributes:** Humanities

**PHIL 4543 Philosophy of Language**

**Prerequisites:** PHIL 1313 or PHIL 3003.

**Description:** A survey of the development of the philosophy of language, including works of philosophers such as Frege, Wittgenstein, Russell, Strawson, Searle, Donnellan, Grice, and Kripke. May not be used for degree credit with PHIL 5543.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Philosophy

**PHIL 4553 Contemporary Ethical Theory**

**Prerequisites:** PHIL 3413 or consent of instructor.

**Description:** Debate in ethical theory since Moore. The naturalistic fallacy, intuitionism, and value realism. May not be used for degree credit with PHIL 4553.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Philosophy

**PHIL 4713 Philosophy of Science (H)**

**Description:** Philosophical issues related to science and its role in society. Topics include science and common sense, laws and theories, causality, nature of scientific progress.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Philosophy

**General Education and other Course Attributes:** Humanities

**PHIL 4723 Philosophy of Psychology (H)**

**Description:** A survey of problems in philosophy of psychology, including the nature of psychology and its relation to natural sciences, the cognitive architecture of our minds, which cognitive capacities are innate and which are developed, the relationship between the brain, body, and external world, how we understand other minds, how language affects thought.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Philosophy

**General Education and other Course Attributes:** Humanities

**PHIL 4733 Philosophy of Biology (H)**

**Description:** Selected philosophical topics, such as Darwinism and other theories of evolution, physical reductionism, and issues of genetic engineering.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Philosophy

**General Education and other Course Attributes:** Humanities

**PHIL 4890 Internship in Philosophy**

**Prerequisites:** Consent of instructor.

**Description:** Directed internship experience in a philosophy-related professional work setting. Students must have an approved internship that will provide philosophy experience beyond that available in the classroom. Students produce written analyses of their work and learning under the guidance of the instructor and internship site supervisor. Offered for variable credit, 1-9 credit hours, maximum of 9 credit hours.

**Credit hours:** 1-9

**Contact hours:** Contact: 1-9 Other: 1-9

**Levels:** Undergraduate

**Schedule types:** Independent Study

**Department/School:** Philosophy

**PHIL 4943 Indian Philosophy**

**Prerequisites:** PHIL 3943 or consent of instructor.

**Description:** Study of texts and themes in two main traditions of Indian Philosophy: Hinduism and Buddhism. How these schools present the fundamental nature and knowledge of reality, human existence, the divine, and enlightenment. May not be used for degree credit with PHIL 5943.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Philosophy

**PHIL 4953 East Asian Philosophy**

**Prerequisites:** PHIL 3943 or consent of instructor.

**Description:** Study of texts and themes in the Chinese and Japanese traditions: Confucianism, Daoism and Zen. How these schools present the fundamental nature and knowledge of reality, human existence, community and enlightenment. May not be used for degree credit with PHIL 5953.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Philosophy

**PHIL 4983 Knowledge and Reality**

**Prerequisites:** 12 credit hours of philosophy.

**Description:** This course surveys topics in epistemology, a branch of philosophy that asks the following types of questions. What can we know? How do we come to know it? What value does knowing have for our lives? We will also survey questions in metaphysics, a branch of philosophy that explores the nature of reality. For example, are properties like redness just as real as things like tables and chairs? What is a person? What does contemporary science say about what the world is made up of? May not be used for degree credit with PHIL 5983.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Philosophy

**PHIL 4990 Special Studies in Philosophy**

**Description:** Selected philosophical topics or works. Offered for variable credit, 1-3 credit hours, maximum of 10 credit hours.

**Credit hours:** 1-3

**Contact hours:** Contact: 1-3 Other: 1-3

**Levels:** Undergraduate

**Schedule types:** Independent Study

**Department/School:** Philosophy

**PHIL 4993 Senior Honors Thesis**

**Prerequisites:** Departmental invitation, senior standing, Honors Program participation.

**Description:** A guided reading and research program ending with an honors thesis under the direction of a faculty member, with second faculty reader and oral examination. Required for graduation with departmental honors in philosophy.

**Credit hours:** 3

**Contact hours:** Contact: 3 Other: 3

**Levels:** Undergraduate

**Schedule types:** Independent Study

**Department/School:** Philosophy

**PHIL 5000 Master's Thesis in Philosophy**

**Description:** Supervised individual work on a thesis for a master's degree. Offered for variable credit, 1-6 credit hours, maximum of 6 credit hours.

**Credit hours:** 1-6

**Contact hours:** Contact: 1-6 Other: 1-6

**Levels:** Graduate

**Schedule types:** Independent Study

**Department/School:** Philosophy



**PHIL 5003 Symbolic Logic**

**Description:** Propositional logic and predicate logic with identity. Formal analysis of language. May not be used for degree credit with PHIL 3003.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Graduate

**Schedule types:** Lecture

**Department/School:** Philosophy

**PHIL 5013 Mathematical Logic and Computability**

**Prerequisites:** PHIL 3003 or MATH 3613 or consent of instructor.

**Description:** The basic metatheorems of first order logic: soundness, completeness, compactness, Löwenheim-Skolem theorem, undecidability of first order logic, Gödel's incompleteness theorem. Enumerability, diagonalization, formal systems, standard and nonstandard models, Gödel numberings, Turing machines, recursive functions, and evidence for Church's thesis. Same course as MATH 4003. May not be used for degree credit with PHIL 4003 or MATH 4003.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Graduate

**Schedule types:** Lecture

**Department/School:** Philosophy

**PHIL 5100 Report Research**

**Description:** Supervised individual work on a report for a master's degree. Offered for variable credit, 1-6 credit hours, maximum of 6 credit hours.

**Credit hours:** 1-6

**Contact hours:** Contact: 1-6 Other: 1-6

**Levels:** Graduate

**Schedule types:** Independent Study

**Department/School:** Philosophy

**PHIL 5210 Seminar on a Major Philosopher**

**Prerequisites:** Three courses in philosophy.

**Description:** The writings of a major philosopher and related material. Offered for fixed credit, 3 credit hours, maximum of 9 credit hours.

**Credit hours:** 3

**Contact hours:** Contact: 3 Other: 3

**Levels:** Graduate

**Schedule types:** Independent Study

**Department/School:** Philosophy

**PHIL 5303 Topics in Philosophy of Religion**

**Description:** An examination of central topics in the philosophy of religion, such as the existence of God, the problem of evil, divine attributes, miracles, revelation, faith and reason, religious pluralism and exclusivism, and morality.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Graduate

**Schedule types:** Lecture

**Department/School:** Philosophy

**PHIL 5310 Seminar on a Field of Philosophy**

**Description:** Three courses in philosophy. Selected topics in one field of philosophy. Offered for fixed credit, 3 credit hours, maximum of 9 credit hours.

**Credit hours:** 3

**Contact hours:** Contact: 3 Other: 3

**Levels:** Graduate

**Schedule types:** Independent Study

**Department/School:** Philosophy

**PHIL 5313 Topics in Social Political Thought**

**Description:** Consideration of a single topic (e.g. justice), topics (e.g. distributive justice and citizenship) of a single philosophical school, or movement (e.g. Marxism) or several movements and schools (e.g. Marxism and liberalism).

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Graduate

**Schedule types:** Lecture

**Department/School:** Philosophy

**PHIL 5323 Seminar In Ancient Philosophy**

**Prerequisites:** PHIL 3113.

**Description:** Philosophical problems that characterize ancient Philosophy: form and matter, one and many, universal and particular, actuality and potentiality, stability and change, substance and accidents, first principles and elements. Close reading of Plato and Aristotle.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Graduate

**Schedule types:** Lecture

**Department/School:** Philosophy

**PHIL 5333 Seminar In Modern Philosophy**

**Prerequisites:** PHIL 3213 or PHIL 3313.

**Description:** Examination of the metaphysical and epistemological systems of philosophers over 17th-19th century Europe such as Descartes, Spinoza, Locke, Leibniz, Berkeley, Hume, Kant and Hegel.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Graduate

**Schedule types:** Lecture

**Department/School:** Philosophy

**PHIL 5343 Seminar in East and West Comparative Philosophy**

**Prerequisites:** PHIL 3943.

**Description:** Critical comparison between West European and East Asian traditions of philosophy, such as being and non-being, the nature of truth, self, human being, ethics, human rights, community, and religion.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Graduate

**Schedule types:** Lecture

**Department/School:** Philosophy

**PHIL 5353 Seminar in Contemporary Continental Philosophy**

**Prerequisites:** PHIL 3213 or PHIL 3313.

**Description:** Themes such as presence and absence, intentionality and constitution, meaning and "being," identity and difference, history and consciousness, practice and power, construction and deconstruction. Philosophers such as Merleau, Husserl, Heidegger, Sartre, Derrida, and Foucault.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Graduate

**Schedule types:** Lecture

**Department/School:** Philosophy



**PHIL 5363 Topics In Metaphysics****Prerequisites:** PHIL 3113 or PHIL 3213 or PHIL 4983.**Description:** Selected topics that may be approached from an historical or contemporary standpoint, such as idealism, realism, causation, time, universals, personal identity, possibility and free will.**Credit hours:** 3**Contact hours:** Lecture: 3 Contact: 3**Levels:** Graduate**Schedule types:** Lecture**Department/School:** Philosophy**PHIL 5373 Contemporary Epistemology****Prerequisites:** PHIL 3213 or PHIL 3113 or PHIL 4983.**Description:** Recent approaches to the theory of knowledge. Origin and justification of belief and certainty, roles of the senses and the mind, and the nature of truth.**Credit hours:** 3**Contact hours:** Lecture: 3 Contact: 3**Levels:** Graduate**Schedule types:** Lecture**Department/School:** Philosophy**PHIL 5383 Seminar In American Philosophy****Description:** Selected philosophical schools or traditions influential in American thought, such as transcendentalism, pragmatism, or naturalism.**Credit hours:** 3**Contact hours:** Lecture: 3 Contact: 3**Levels:** Graduate**Schedule types:** Lecture**Department/School:** Philosophy**PHIL 5393 German Idealism****Prerequisites:** PHIL 3113 or 3213.**Description:** Selected major works of post-Kantian German Philosophy, such as the nature of a philosophical system, identity, and self-consciousness.**Credit hours:** 3**Contact hours:** Lecture: 3 Contact: 3**Levels:** Graduate**Schedule types:** Lecture**Department/School:** Philosophy**PHIL 5423 Topics In Ethical Theory****Prerequisites:** PHIL 3413.**Description:** Central problems in ethical theory, such as ethical realism/anti-realism, motivational internalism/externalism, and problems within specific normative systems. Written Description.**Credit hours:** 3**Contact hours:** Lecture: 3 Contact: 3**Levels:** Graduate**Schedule types:** Lecture**Department/School:** Philosophy**PHIL 5433 Topics In Philosophy Of Law****Prerequisites:** PHIL 3843.**Description:** In-depth examination of selected topics in philosophy of law, such as punishment, jurisprudence, and principles of legislation. Seminar format.**Credit hours:** 3**Contact hours:** Lecture: 3 Contact: 3**Levels:** Graduate**Schedule types:** Lecture**Department/School:** Philosophy**PHIL 5443 Topics In Biomedical Ethics****Prerequisites:** PHIL 3833.**Description:** In-depth examination of selected topics in biomedical ethics, such as implications of the Human Genome Project, ethics of human reproduction, and research ethics. Emphasis on contemporary philosophical thought. Seminar format.**Credit hours:** 3**Contact hours:** Lecture: 3 Contact: 3**Levels:** Graduate**Schedule types:** Lecture**Department/School:** Philosophy**PHIL 5453 Topics in Professional Ethics****Description:** In-depth study of ethical issues faced by business and engineering professionals (e.g., social effects of advertising, environmental impact of professional practice, product safety and consumer protection, whistleblowing and confidentiality).**Credit hours:** 3**Contact hours:** Lecture: 3 Contact: 3**Levels:** Graduate**Schedule types:** Lecture**Department/School:** Philosophy**PHIL 5510 Research Topics in Philosophy****Prerequisites:** Consent of graduate adviser or department head.**Description:** Individual research on topics related to the student's interests and/or thesis topic(s). Offered for variable credit, X=1-3 credit hours, maximum of 10 credit hours.**Credit hours:** 1-3**Contact hours:** Contact: 1-3 Other: 1-3**Levels:** Graduate**Schedule types:** Independent Study**Department/School:** Philosophy**PHIL 5543 Philosophy Of Language****Prerequisites:** PHIL 5003 or consent of instructor.**Description:** A survey of the development of the philosophy of language, including works of philosophers such as Frege, Wittgenstein, Russell, Strawson, Searle, Donnellan, Grice, and Kripke. May not be used for degree credit with PHIL 4543.**Credit hours:** 3**Contact hours:** Lecture: 3 Contact: 3**Levels:** Graduate**Schedule types:** Lecture**Department/School:** Philosophy**PHIL 5553 Contemporary Ethical Theory****Prerequisites:** PHIL 3413 or consent of instructor.**Description:** Debate in ethical theory since Moore. The naturalistic fallacy, intuitionism, and value realism. May not be used for degree credit with PHIL 4553.**Credit hours:** 3**Contact hours:** Lecture: 3 Contact: 3**Levels:** Graduate**Schedule types:** Lecture**Department/School:** Philosophy

**PHIL 5610 Philosophical Issues in Education**

**Description:** Contemporary issues in educational theory and practice. The relation of education to political thought, religion, public law and culture. Offered for variable credit, 1-3 credit hours, maximum of 3 credit hours.

**Credit hours:** 1-3

**Contact hours:** Contact: 1-3 Other: 1-3

**Levels:** Graduate

**Schedule types:** Independent Study

**Department/School:** Philosophy

**PHIL 5910 Research Problems in Philosophy**

**Prerequisites:** Consent of instructor and department head.

**Description:** Individual or group research on specific philosophical problems. Offered for variable credit, 1-3 credit hours, maximum of 10 credit hours.

**Credit hours:** 1-3

**Contact hours:** Contact: 1-3 Other: 1-3

**Levels:** Graduate

**Schedule types:** Independent Study

**Department/School:** Philosophy

**PHIL 5943 Indian Philosophy**

**Prerequisites:** PHIL 3943 or consent of instructor.

**Description:** Study of texts and themes in two main traditions of Indian Philosophy: Hinduism and Buddhism. How these schools present the fundamental nature and knowledge of reality, human existence, the divine, and enlightenment. May not be used for degree credit with PHIL 4943.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Graduate

**Schedule types:** Lecture

**Department/School:** Philosophy

**PHIL 5953 East Asian Philosophy**

**Prerequisites:** PHIL 3943 or consent of instructor.

**Description:** Study of texts and themes in the Chinese and Japanese traditions: Confucianism, Daoism and Zen. How these schools present the fundamental nature and knowledge of reality, human existence, community and enlightenment. May not be used for degree credit with PHIL 4953.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Graduate

**Schedule types:** Lecture

**Department/School:** Philosophy

**PHIL 5983 Knowledge and Reality**

**Prerequisites:** 12 credit hours of philosophy.

**Description:** This course surveys topics in epistemology, a branch of philosophy that asks the following types of questions. What can we know? How do we come to know it? What value does knowing have for our lives? We will also survey questions in metaphysics, a branch of philosophy that explores the nature of reality. For example, are properties like redness just as real as things like tables and chairs? What is a person? What does contemporary science say about what the world is made up of? May not be used for degree credit with PHIL 4983.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Graduate

**Schedule types:** Lecture

**Department/School:** Philosophy

**REL 1103 Introduction to World Religions (HI)**

**Description:** Major world religions such as Hinduism, Buddhism, Judaism, Christianity and Islam with a view to understanding the general nature of religion and its various dimensions.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Dean of Arts & Science

**General Education and other Course Attributes:** Humanities, International Dimension

**REL 2013 The Old Testament and its Study (H)**

**Description:** A study of the Old Testament with emphasis upon content, historical background, the history of its study and the critical analysis and interpretation of selected passages. Previously offered as REL 3013.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Dean of Arts & Science

**General Education and other Course Attributes:** Humanities

**REL 2023 The New Testament and Its Study (H)**

**Description:** A study of the writings of the New Testament in their historical contexts and the methods used in their study. Emphasis interpreting selected New Testament passages. Previously offered as REL 3023.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Dean of Arts & Science

**General Education and other Course Attributes:** Humanities

**REL 2113 Religion in Film (H)**

**Description:** This course will examine how religious beliefs, practices, experiences and communities have been portrayed in film. Students will explore how film has used allegory, symbolism and other tropes to represent different religious traditions and their systems of beliefs.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Philosophy

**General Education and other Course Attributes:** Humanities

**REL 2413 Religion and the Body: Sports, Medicine and Sexuality (H)**

**Description:** This course will explore the role of religious beliefs and practices as they relate to sports, medicine and sexuality. Topics will include the cultural influence of religion on sports, religiously-informed debates within the field of medicine, and conceptions of sexuality and gender from the perspective of various Eastern and Western religious traditions. More generally, this course will explore how different world religions view the human body.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Dean of Arts & Science

**General Education and other Course Attributes:** Humanities

**REL 3113 Asian Religions (HI)**

**Description:** This course will examine the diverse histories, beliefs, and practices of major Asian religious traditions: Hinduism, Buddhism, Confucianism, Daoism, Shintoism, Shamanism, and modern-day religions.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Philosophy

**General Education and other Course Attributes:** Humanities, International Dimension

**REL 3213 Judaism: History, Culture and Beliefs (H)**

**Description:** This course will explore the development of Judaism beginning with its roots in Ancient Israelite religion, the early biblical tradition, and moving through Assyrian and Babylonian conquests, Diaspora, Hellenistic occupation, Roman occupation, Byzantium, the Middle Ages, the Holocaust, the establishment of the state of Israel, up to present day.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Philosophy

**General Education and other Course Attributes:** Humanities

**REL 3223 Jesus: Teachings, History and Interpretation (H)**

**Prerequisites:** REL 2023.

**Description:** This course will examine the teaching of Jesus, the historical context of the first century, and how Jesus' life and teachings have been interpreted through history.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Philosophy

**General Education and other Course Attributes:** Humanities

**REL 3243 Paul and the Early Church (H)**

**Prerequisites:** REL 2023.

**Description:** The letters of Paul in their historical context with special emphasis on his theology and ethics.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Dean of Arts & Science

**General Education and other Course Attributes:** Humanities

**REL 3313 Islam: History, Culture and Beliefs (HI)**

**Description:** This course will examine the history, culture and beliefs of Islam, from its seventh century origins to modern times.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Philosophy

**General Education and other Course Attributes:** Humanities, International Dimension

**REL 3423 Classic Christian Writings (H)**

**Description:** A study of the primary source material from representative Christian authors scattered throughout two thousand years of church history, focusing on understanding the backgrounds from which the writings emerged, and grasping the writers' key ideas. Course previously offered as REL 4413.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Philosophy

**General Education and other Course Attributes:** Humanities

**REL 3513 Religious Experience (H)**

**Description:** This course will explore the nature of religious experience and what role it plays within different traditions. Modes of religious experience to be explored range from meditation and prayer to conversion experiences and mystical states of consciousness.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Philosophy

**General Education and other Course Attributes:** Humanities

**REL 3543 Religion, Race and Social Justice (DH)**

**Description:** This course examines the role of religion in the history and understanding of race, as well as how religion has been leveraged in relation to challenges of social justice.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Dean of Arts & Science

**General Education and other Course Attributes:** Diversity, Humanities

**REL 3573 The Religions of Native Americans (DH)**

**Prerequisites:** REL 1103.

**Description:** Selected tribal worldviews, belief systems and religious ceremonies as depicted in oral traditions, songs, and literature. Emphasis on Northern and Southern Plains Indians.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Philosophy

**General Education and other Course Attributes:** Diversity, Humanities

**REL 3623 Magic, Witchcraft, and the Occult (H)**

**Description:** This course will examine the historical and cultural contexts that have shaped various portrayals of magic and witchcraft. We will consider how the supernatural worldviews underlying these portrayals related to both more traditional religious worldviews as well as the ways in which representations of the supernatural serve as vehicles for a culture's hopes and fears.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Dean of Arts & Science

**General Education and other Course Attributes:** Humanities

**REL 3713 Religion, Culture and Society**

**Prerequisites:** REL 1103, ANTH 2353, SOC 1113.

**Description:** An introduction to the scientific study of religion. Religious activity in both tribal and technological societies studied in the light of contemporary interpretations of culture and of social behavior. Same course as SOC 3713.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Philosophy

**REL 4033 American Christianity through the Colonial Period (H)**

**Description:** A study of the planting, development and spread of Christianity in America, beginning with the European roots and continuing through the colonial period up to c.1800.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Dean of Arts & Science

**General Education and other Course Attributes:** Humanities

**REL 4050 Studies in Religion**

**Description:** Independent studies, seminars and courses on selected topics in religion. Offered for variable credit, 1-6 credit hours, maximum of 9 credit hours.

**Credit hours:** 1-6

**Contact hours:** Contact: 1-6 Other: 1-6

**Levels:** Undergraduate

**Schedule types:** Independent Study

**Department/School:** Dean of Arts & Science

**REL 4113 The World of Islam: Cultural Perspectives (HI)**

**Description:** The cultural heritage of the world of Islam explored through its expression in the art, architecture, and literature of the Muslim peoples.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Dean of Arts & Science

**General Education and other Course Attributes:** Humanities, International Dimension

**REL 4213 Understanding Global Islam (HI)**

**Description:** A study of the history of Islam starting from Prophet Muhammad to the spread of the Islamic Empire. How Islam moved from Arabia to the world. Introduction to the Islamic divisions, where they are now, why they are similar and different in terms of laws, schools, countries, literature, sciences, Arabic script, the Shia, the Sunna, and different Islamic countries' practices. Also, debatable issues on Muslim women in American and other countries and why those are different from others.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Dean of Arts & Science

**General Education and other Course Attributes:** Humanities, International Dimension

**REL 4223 Religion and Conflict in the Middle East (HI)**

**Description:** This course will explore the religions of the Middle East, focusing on how they have shaped the region's recent history.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Dean of Arts & Science

**General Education and other Course Attributes:** Humanities, International Dimension

**REL 4330 Seminar in Biblical Studies**

**Prerequisites:** Two courses in Biblical studies.

**Description:** Selected topics in the academic study of the Bible. Offered for fixed credit, 3 credit hours, maximum of 9 credit hours.

**Credit hours:** 3

**Contact hours:** Contact: 3 Other: 3

**Levels:** Undergraduate

**Schedule types:** Independent Study

**Department/School:** Philosophy

**REL 4423 Death and the Afterlife (H)**

**Description:** This course will explore and critically analyze the varying perspectives on death and the afterlife as seen across world religions.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Philosophy

**General Education and other Course Attributes:** Humanities

**REL 4613 Women in the Bible (H)**

**Description:** This course will examine the stories about and portrayals of women in the Bible. We will explore what the biblical authors have to say about women within their cultural contexts and how these portrayals have shaped how women are seen in Western society. By analyzing the portrayals of women in antiquity, the course will also provide conceptual tools to help students examine how gender has been understood in Western society. Same course as GWST 4613.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Dean of Arts & Science

**General Education and other Course Attributes:** Humanities

**REL 4753 Muslim-Christian Relations (H)**

**Description:** Exploration of commonalities and differences between Christianity and Islam, and the history of cooperation and conflict between Muslims and Christians, from Arabia in Muhammad's time to worldwide in the twenty-first century. Themes include mutual understanding and misunderstanding, conversion, rulers and subjects, discrimination, and dialogue. Same course as HIST 4753.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** History

**General Education and other Course Attributes:** Humanities

### REL 4923 Visions of Apocalypse: Portrayals of the End-Time in World Religions (H)

**Description:** This course will examine the various portrayals of the Apocalypse from many religious and folklore traditions around the world. This course will also explore various contemporary portrayals of the Apocalypse ranging from malevolent emergent artificial intelligence to the zombie virus.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Dean of Arts & Science

**General Education and other Course Attributes:** Humanities

## Undergraduate Programs

- Philosophy, BA (p. 1604)
- Philosophy: Ethics and Business Essentials, BA (p. 1607)
- Philosophy: Ethics and Public Policy, BA (p. 1610)
- Philosophy: Pre-Law, BA (p. 1612)
- Philosophy: Pre-Ministry, BA (p. 1615)

## Graduate Programs

The Department of Philosophy offers a Master of Arts degree in philosophy. Consult the "Master's Degree Programs" section of the "Graduate College" in the Catalog for general regulations and requirements relating to admission.

The Master of Arts degree in philosophy offers a broad-based curriculum designed to serve the interests of two kinds of students:

1. **Professional Emphasis:** for students who wish to pursue their study of philosophy as a supplement to preparation in a wide variety of professions including business, law, government, the health professions, the ministry, or counseling. Students interested in the professional emphasis have the opportunity to choose from a wide variety of courses that support their career plans (biomedical ethics, business ethics, philosophy of law, philosophy of religion, and cognate courses in other disciplines).
2. **PhD Emphasis:** for students who wish to pursue their study of philosophy as a preparation for PhD studies in philosophy at another institution. Students interested in the PhD emphasis have the opportunity to enhance their understanding of the history of philosophy, logic, and metaphysics and epistemology.

Students in both of these emphases are able to compete for teaching assistantships and may teach either Critical Thinking or Introductory Moral/Social Problems courses.

Prerequisites for admission to the program are 24 semester credit hours (at least 18 at the upper-division level) in philosophy including courses in the history of ancient philosophy (PHIL 3113 Ancient Greek Philosophy (H) or equivalent), the history of 17th and 18th century philosophy (PHIL 3213 17th and 18th Century Philosophy (H) or equivalents) and a course in logic (PHIL 3003 Symbolic Logic (A) or equivalent). Students without these prerequisites, but otherwise admissible, may be granted "qualified" or "provisional" status until the prerequisites are satisfied.

The Master of Arts degree in Philosophy may be earned through any of three options:

1. Thesis option (twenty-four credit hours of course work plus six credit hours of research in which a thesis is written);
2. Report option (thirty credit hours of course work plus two credit hours of research in which a report is written);
3. Creative Component option (thirty-two credit hours of coursework including a creative component).

Students will prepare a plan of study under the guidance of their graduate advisor. Each student is supervised by a three-person advisory committee appointed for, and in consultation with, the student.

A student may also, in accordance with the policies of the Graduate College, select a graduate minor in connection with the master's degree in philosophy, thus permitting a concentration of work in broad areas such as social thought or cognitive science.

Students pursuing a master's or doctor's degree in another field may elect philosophy as a graduate minor. Selected courses and seminars in philosophy can broaden and complement work in such areas as economics, education, engineering, English, history, psychology and sociology.

## Minors

- Ethics (ETHC), Minor (p. 1602)
- Philosophy (PHIL), Minor (p. 1603)

## Faculty

Scott D. Gelfand, PhD—Associate Professor and Head

**Professors:** Lawrence R. Pasternack, PhD; Eric H. Reitan, PhD

**Associate Professors:** Marty H. Heitz, PhD; Apple Z. Igrak, PhD; Doren A. Recker, PhD; Shannon L. Spaulding, PhD

**Assistant Professors:** Richard Neels, PhD; Heather Stewart, PhD



## Ethics (ETHC), Minor

**Requirements for Students Matriculating in or before Academic Year 2022-2023.** Learn more about University Academic Regulation 3.1 (p. 943).

**Contact:** Sarah Mutschelknaus, 101B SSH, 405-744-8197

**Minimum GPA:** 2.50

**Total Hours:** 15

Code	Title	Hours
PHIL 1113 or PHIL 1213	Introduction To Philosophy (H) Philosophies of Life (H)	3
PHIL 3413	Ethical Theory (H)	3
Select 9 credit hours from the following:		9
PHIL 1213 or PHIL 1113	Philosophies of Life (H) Introduction To Philosophy (H)	
PHIL 2003	Local Issues and Ethical Controversies (H)	
PHIL 2513	Philosophy and Culture (H)	
PHIL 2573	Drugs, Philosophy and Society (H)	
PHIL 3433	Happiness and Well-being (H)	
PHIL 3513	Social Philosophy (H)	
PHIL 3553	Philosophy of Dreams (H)	
PHIL 3613	Philosophy of Religion (H)	
PHIL 3623	Philosophy of Race (DH)	
PHIL 3633	MLK, Malcolm X, & Philosophy of Race (DH)	
PHIL 3703	Animal Ethics (H)	
PHIL 3733	Environmental Ethics (H)	
PHIL 3773	Social Media Today (H)	
PHIL 3783	Artificial Intelligence and Philosophy (H)	
PHIL 3803	Business Ethics (H)	
PHIL 3833	Biomedical Ethics (H)	
PHIL 3913	Existentialism (H)	
PHIL 3943	Asian Philosophy (HI)	
PHIL 4013	Perspectives on Death and Dying (H)	
PHIL 4553	Contemporary Ethical Theory	
PHIL 4723	Philosophy of Psychology (H)	
PHIL 4890	Internship in Philosophy (with Consent of Advisor)	
<b>Total Hours</b>		<b>15</b>

example, a student who earns a BA in Art with an Art History option may earn a minor in Studio Art but not Art History).

- A student generally follows the minor requirements associated with his or her matriculation year or newer requirements that have been established since matriculation. The time limit for following requirements from a given academic year is six years.

For additional information on requirements on minors, click here (<https://adminfinance.okstate.edu/site-files/documents/policies/requirements-for-undergraduate-and-graduate-minors.pdf>).

## Additional OSU Requirements

### Undergraduate Minors

- An undergraduate minor must include between fifteen and thirty hours, inclusive of undergraduate coursework.
- A minimum of six credit hours for the minor must be earned in residence at OSU.
- The courses required for a minor may be included in the course requirements for any undergraduate degree or they may be in addition to degree requirements, depending on the overlap between the minor and degree requirements. However, an undergraduate minor must be earned in an academic field other than the student's declared degree option. The minor may not duplicate the degree major or option (for



## Philosophy (PHIL), Minor

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**Requirements for Students Matriculating in or before Academic Year 2022-2023.** Learn more about University Academic Regulation 3.1 (p. 943).

**Contact:** Sarah Mutschelknaus, 101B MUR, 405-744-8197

**Minimum Grade Point Average in Minor Coursework:** 2.50

**Total Hours:** 18 hours of PHIL

### Other Requirements

- 12 hours must be upper-division.

### Additional OSU Requirements

#### Undergraduate Minors

- An undergraduate minor must include between fifteen and thirty hours, inclusive of undergraduate coursework.
- A minimum of six credit hours for the minor must be earned in residence at OSU.
- The courses required for a minor may be included in the course requirements for any undergraduate degree or they may be in addition to degree requirements, depending on the overlap between the minor and degree requirements. However, an undergraduate minor must be earned in an academic field other than the student's declared degree option. The minor may not duplicate the degree major or option (for example, a student who earns a BA in Art with an Art History option may earn a minor in Studio Art but not Art History).
- A student generally follows the minor requirements associated with his or her matriculation year or newer requirements that have been established since matriculation. The time limit for following requirements from a given academic year is six years.

For additional information on requirements on minors, click here (<https://adminfinance.okstate.edu/site-files/documents/policies/requirements-for-undergraduate-and-graduate-minors.pdf>).

# Philosophy, BA

## Degree Requirements

**Requirements for Students Matriculating in or before Academic Year 2022-2023.** Learn more about University Academic Regulation 3.1 (p. 943).

**Minimum Overall Grade Point Average: 2.00**

**Total Hours: 120**

Code	Title	Hours
<b>General Education Requirements</b>		
<i>English Composition</i>		
See Academic Regulation 3.5 (p. 944)		
ENGL 1113 or ENGL 1313	Composition I Critical Analysis and Writing I	3
Select one of the following:		3
ENGL 1213	Composition II	
ENGL 1413	Critical Analysis and Writing II	
ENGL 3323	Technical Writing	
<i>American History &amp; Government</i>		
HIST 1103 or HIST 1483 or HIST 1493	Survey of American History American History to 1865 (H) American History Since 1865 (DH)	3
POLS 1113	American Government	3
<i>Analytical &amp; Quantitative Thought (A)</i>		
MATH or STAT course designated (A)		3
PHIL 1313	Logic and Critical Thinking (A)	3
<i>Humanities (H)</i>		
Select one of the following:		3
PHIL 1113	Introduction To Philosophy (H)	
PHIL 1213	Philosophies of Life (H)	
PHIL 2013	Philosophical Classics (H)	
Courses designated (H)		3
<i>Natural Sciences (N)</i>		
Must include one Laboratory Science (L) course		
Courses designated (N) with one (L)		6
<i>Social &amp; Behavioral Sciences (S)</i>		
Course designated (S)		3
<i>Additional General Education</i>		
Courses designated (A), (H), (N), or (S)		7
<b>Hours Subtotal</b>		<b>40</b>
<b>Diversity (D) &amp; International Dimension (I)</b>		
May be completed in any part of the degree plan		
Select at least one Diversity (D) course		
Select at least one International Dimension (I) course		
<b>College/Departmental Requirements</b>		
<i>First Year Seminar</i>		
(Transfer students with 15 hours exempt)		1
<i>Arts &amp; Humanities</i>		
9 hours non-Philosophy		9
<i>Natural &amp; Mathematical Sciences</i>		
See note 2.b.		3

<i>Foreign Language</i>		
See note 3		9
<i>Non-Western Studies</i>		
At least one course		
See note 2.d.		
<i>Upper-Division General Education</i>		
Select 6 hours outside major department		
See note 2.c.		
<b>Hours Subtotal</b>		<b>22</b>
<b>Major Requirements</b>		
Minimum GPA 2.00. Minimum GPA in all Philosophy courses 2.50		
<i>Core</i>		
Select 6 hours of the following:		6
PHIL 3113	Ancient Greek Philosophy (H)	
PHIL 3213	17th and 18th Century Philosophy (H)	
PHIL 3313	19th and 20th Century Philosophy (H)	
Select one of the following:		37
<i>General:</i>		
PHIL 3003	Symbolic Logic (A)	
Select a minimum of 19 additional hours in PHIL courses: up to 6 hours in 2000-level PHIL courses and the remainder in upper-division PHIL courses <sup>1</sup>		
Select 15 hours upper-division courses <sup>1</sup>		
<i>Graduate Preparation:</i>		
PHIL 3003	Symbolic Logic (A)	
PHIL 3313	19th and 20th Century Philosophy (H)	
PHIL 3413	Ethical Theory (H)	
PHIL 3991	Contemporary Philosophy Research	
PHIL 4983	Knowledge and Reality	
Select 12 additional hours in PHIL: courses up to 6 hours in 2000-level PHIL courses and the remainder in upper-division PHIL courses		
Select 12 hours upper-division courses		
<i>Career/Pre-professional:</i>		
Select a minimum of 19 additional hours in PHIL courses up to 6 hours in 2000-level PHIL courses and the remainder in upper-division PHIL courses		
Select 18 additional upper-division hours <sup>1</sup>		
<b>Hours Subtotal</b>		<b>43</b>
<b>Electives</b>		
Select 15 hours <sup>1</sup>		15
May need to include 6 hours upper-division general education outside major department (see note 2.c.)		
<b>Hours Subtotal</b>		<b>15</b>
<b>Total Hours</b>		<b>120</b>

1

With approval from the advisor and department head, a maximum of 30 hours from an accredited doctoral law program may be substituted for these areas.

## Other Requirements

- See the College of Arts and Sciences Requirements.
- **Upper-Division Credit:** Total hours must include at least 40 hours in courses numbered 3000 or above.
- **Hours in One Department:** For B.A. and B.S. degrees, no more than 54 hours in one department may be applied to degree requirements.

## College of Arts and Sciences Requirements

### 1. General Education Requirements

No more than two courses (or eight hours) from the major department (<http://catalog.okstate.edu/college-arts-sciences-major-departments/>) may be used to meet General Education and College and Departmental Requirements. The General Education required English Composition, required U.S. History, required American Government, one required MATH or STAT course, and required foreign language for B.A. degrees do not count against the two-course maximum.

### 2. A&S College/Departmental Requirements

- Arts and Humanities are defined as any course carrying an (H) designation or courses from AMST, ART, DANC, ENGL (except ENGL 3323 Technical Writing) HIST, MUSI, PHIL (except PHIL 1313 Logic and Critical Thinking (A), PHIL 3003 Symbolic Logic (A) and PHIL 4003 Mathematical Logic and Computability), REL, TH, and foreign languages.
- Natural and Mathematical Sciences are defined as any course from the following prefixes: ASTR, BIOC, BIOL, CHEM, CS (except CS 4883 Social Issues in Computing), GEOL, MATH, MICR, PBIO, PHYS, and STAT; or courses from other departments that carry an (A) or (N) general education designation.
- The required six hours of upper-division General Education may not include courses from the student's major department. This requirement may be satisfied by courses also used to satisfy any part of a student's degree program (i.e., in General Education, College Departmental Requirements, Major Requirements or Electives).
- Non-Western Studies Requirement for B.A. and B.F.A.; One 3-hour course in Non-Western Studies (N.W.). This requirement may be satisfied by courses also used to satisfy any part of a student's degree program (i.e., in General Education, College Departmental Requirements, Major Requirements or Electives).
- The College of Arts & Sciences requires a minimum 2.0 GPA in all major requirements and a minimum 2.0 GPA in all major-prefix courses applied to the degree.

### 3. Foreign Language Proficiency

- The foreign language requirement for the B.A. may be satisfied by 9 hours college credit in the same language, which must include 3 hours at the 2000-level, or equivalent proficiency (e.g., passing an advanced standing examination; TOEFL exam; presenting a high school transcript which demonstrates the high school was primarily conducted in a language other than English; etc.). Computer Science courses may not be used to satisfy this requirement. Currently Arabic and Mvskoke are not offered at the 2000-level at OSU.
- The foreign language requirement for the B.S., B.M. and B.F.A. may be satisfied by presenting a high school transcript which demonstrates two years of study of a single foreign language (passing grades at second-year level of study). It may also

be satisfied by 6 hours college credit in the same language, which must include language courses 1713 and 1813, or equivalent proficiency (e.g., passing an advanced standing examination; TOEFL exam; presenting a high school transcript which demonstrates the high school was primarily conducted in a language other than English; etc.). Computer Science courses may not be used to satisfy this requirement.

- In addition to a. and b., students pursuing teacher certification must meet novice-high foreign language proficiency by presenting a high school transcript which demonstrates two years of study of a single foreign language with no grade below B. Or, students may complete 3 hours college credit in a single language with no grade below C (or pass an advanced standing examination, College Level Examination Program (CLEP) exam, or Oral Proficiency Interview developed by the American Council on the Teaching of Foreign Languages, equivalent to 3 hours of college credit.) Or, students may meet the requirement by transfer of documentation of meeting the foreign language competency from one of the teacher education programs in the State of Oklahoma approved by the Oklahoma State Regents for Higher Education.

### 4. Exclusions

- Courses used to satisfy the General Education English Composition, U.S. History, American Government, and Mathematics or Statistics requirements will not count toward the 54-hour maximum allowed from one department.
- Courses with ATHL or LEIS prefixes and leisure activity courses may not be used for degree credit.

## Additional State/OSU Requirements

- At least: 60 hours at a four-year institution; 30 hours completed at OSU; 15 of the final 30 or 50% of the upper-division hours in the major field completed at OSU.
- Limit of: one-half of major course requirements as transfer work; one-fourth of hours earned by correspondence; 8 transfer correspondence hours.
- Students will be held responsible for degree requirements in effect at the time of matriculation and any changes that are made, so long as these changes do not result in semester credit hours being added or do not delay graduation.
- Degrees that follow this plan must be completed by the end of Summer 2028.

## Example Plan of Study

### Finish in Four Plan of Study

The plan below is an **example** of how students can successfully complete degree requirements in four years. This suggested class schedule plan may be used as a guide and can be adjusted based on individual needs. Students are required to meet with an academic adviser prior to enrollment each semester to plan their class schedule, and students are ultimately responsible for completing all degree requirements.

Course	Title	Hours
<b>Freshman</b>		
<b>Fall</b>		
ENGL 1113 or ENGL 1313	Composition I or Critical Analysis and Writing I	3
PHIL 1113 or PHIL 2013 or PHIL 1213	Introduction To Philosophy (H) or Philosophical Classics (H) or Philosophies of Life (H)	3

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1713 First Semester Foreign Language	3
General Education courses	5
<b>Hours</b>	<b>14</b>
<b>Spring</b>	
ENGL 1213                      Composition II or ENGL 1413                      or Critical Analysis and Writing II	3
1813 Second Semester Foreign Language	3
General Education courses	10
<b>Hours</b>	<b>16</b>
<b>Sophomore</b>	
<b>Fall</b>	
PHIL 1313                      Logic and Critical Thinking (A)	3
PHIL 3113                      Ancient Greek Philosophy (H)	3
2000-level Foreign Language	3
General Education courses	6
<b>Hours</b>	<b>15</b>
<b>Spring</b>	
PHIL 3213                      17th and 18th Century Philosophy (H)	3
College and Elective courses	12
<b>Hours</b>	<b>15</b>
<b>Junior</b>	
<b>Fall</b>	
PHIL 3313                      19th and 20th Century Philosophy (H)	3
PHIL 3413                      Ethical Theory (H)	3
Major, College, and Elective courses	9
<b>Hours</b>	<b>15</b>
<b>Spring</b>	
PHIL 3991                      Contemporary Philosophy Research	1
Major, College, and Elective courses	14
<b>Hours</b>	<b>15</b>
<b>Senior</b>	
<b>Fall</b>	
PHIL 3003                      Symbolic Logic (A)	3
Major, College, and Elective courses	12
<b>Hours</b>	<b>15</b>
<b>Spring</b>	
Major, College, and Elective courses	15
<b>Hours</b>	<b>15</b>
<b>Total Hours</b>	<b>120</b>

# Philosophy: Ethics and Business Essentials, BA

## Degree Requirements

**Requirements for Students Matriculating in or before Academic Year 2022-2023.** Learn more about University Academic Regulation 3.1 (p. 943).

**Minimum Overall Grade Point Average: 2.00**

**Total Hours: 120**

Code	Title	Hours
<b>General Education Requirements</b>		
<i>English Composition</i>		
See Academic Regulation 3.5 (p. 944)		
ENGL 1113	Composition I	3
or ENGL 1313	Critical Analysis and Writing I	
Select one of the following:		3
ENGL 1213	Composition II	
ENGL 1413	Critical Analysis and Writing II	
ENGL 3323	Technical Writing	
<i>American History &amp; Government</i>		
HIST 1103	Survey of American History	3
or HIST 1483	American History to 1865 (H)	
or HIST 1493	American History Since 1865 (DH)	
POLS 1113	American Government	3
<i>Analytical &amp; Quantitative Thought (A)</i>		
MATH 1483	Mathematical Functions and Their Uses (A) (or higher, not MATH 1493)	3
PHIL 1313	Logic and Critical Thinking (A)	3
<i>Humanities (H)</i>		
PHIL 2013	Philosophical Classics (H)	3
or PHIL 1113	Introduction To Philosophy (H)	
or PHIL 1213	Philosophies of Life (H)	
3 hours designated (H)		3
<i>Natural Sciences (N)</i>		
Must include one Laboratory Science (L) course		
Courses designated (N)		6
<i>Social &amp; Behavioral Sciences (S)</i>		
MGMT 3013	Fundamentals of Management (S) <sup>1</sup>	3
<i>Additional General Education</i>		
Courses designated (A), (H), (N), or (S)		7
<b>Hours Subtotal</b>		<b>40</b>
<b>Diversity (D) &amp; International Dimension (I)</b>		
May be completed in any part of the degree plan.		
At least one Diversity (D) course.		
At least one International Dimension (I) course.		
<b>College/Departmental Requirements</b>		
<i>First Year Seminar</i>		
(Transfer students with 15 hours exempt.)		1
<i>Arts &amp; Humanities</i>		
9 hours non-Philosophy		9
<i>Natural &amp; Mathematics Sciences</i>		

(See Note 2.b.)	3
<i>Foreign Language</i>	
(See note 3.)	9
<i>Non-Western Studies</i>	
At least one course. (See note 2.d.)	
<i>Upper-Division General Education</i>	
6 hours outside major department (See note 2.c.)	
<b>Hours Subtotal</b>	<b>22</b>
<b>Major Requirements</b>	
Minimum GPA 2.00. Minimum GPA in all Philosophy courses 2.50.	
<i>Core</i>	
6 hours from:	
PHIL 3113	Ancient Greek Philosophy (H)
PHIL 3213	17th and 18th Century Philosophy (H)
PHIL 3313	19th and 20th Century Philosophy (H)
PHIL 3003	Symbolic Logic (A)
PHIL 3413	Ethical Theory (H)
PHIL 3803	Business Ethics (H)
Select a minimum of 13 additional hours in PHIL courses up to 6 hours in 2000-level PHIL courses and the remainder in upper-division PHIL courses.	
<i>Business Essentials</i>	
ACCT 2003	Survey of Accounting
MKTG 3213	Marketing (S)
3 hours from:	
BADM 3113	Practical Business and Interpersonal Skills
ECON 2003	Microeconomic Principles for Business
EEE 2023	Introduction to Entrepreneurship
LSB 3213	Legal and Regulatory Environment of Business
MSIS 2103	Business Data Science Technologies
9 hours upper-division related courses from the following:	
AMST 3823	U.S. as Business Culture (DH)
BCOM 3113	Written Communication
ECON 3213	Game Theory and Experimental Economics
ECON 3823	American Economy: The Past and Present (S)
LSB 3213	Legal and Regulatory Environment of Business
MGMT 3133	Developing Leadership Skills
MGMT 4073	Management and Ethical Leadership
MGMT 4513	Strategic Management
MGMT 4533	Leadership Dynamics
MKTG 3323	Consumer and Market Behavior
MKTG 4443	Social Issues in the Marketing Environment
SPCH 3723	Business and Professional Communication
<b>Hours Subtotal</b>	<b>46</b>
<b>Electives</b>	
12 hours of electives	
<b>Hours Subtotal</b>	<b>12</b>
<b>Total Hours</b>	<b>120</b>

1

College and Departmental Requirements that may be used to meet General Education Requirements.

## Other Requirements

- See the College of Arts and Sciences Requirements.
- **Upper-Division Credit:** Total hours must include at least 40 hours in courses numbered 3000 or above.
- **Hours in One Department:** For B.A. and B.S. degrees, no more than 54 hours in one department may be applied to degree requirements.

## College of Arts and Sciences Requirements

### 1. General Education Requirements

No more than two courses (or eight hours) from the major department (<http://catalog.okstate.edu/college-arts-sciences-major-departments/>) may be used to meet General Education and College and Departmental Requirements. The General Education required English Composition, required U.S. History, required American Government, one required MATH or STAT course, and required foreign language for B.A. degrees do not count against the two-course maximum.

### 2. A&S College/Departmental Requirements

- a. Arts and Humanities are defined as any course carrying an (H) designation or courses from AMST, ART, DANC, ENGL (except ENGL 3323 Technical Writing) HIST, MUSI, PHIL (except PHIL 1313 Logic and Critical Thinking (A), PHIL 3003 Symbolic Logic (A) and PHIL 4003 Mathematical Logic and Computability), REL, TH, and foreign languages.
- b. Natural and Mathematical Sciences are defined as any course from the following prefixes: ASTR, BIOC, BIOL, CHEM, CS (except CS 4883 Social Issues in Computing), GEOL, MATH, MICR, PBIO, PHYS, and STAT; or courses from other departments that carry an (A) or (N) general education designation.
- c. The required six hours of upper-division General Education may not include courses from the student's major department. This requirement may be satisfied by courses also used to satisfy any part of a student's degree program (i.e., in General Education, College Departmental Requirements, Major Requirements or Electives).
- d. Non-Western Studies Requirement for B.A. and B.F.A.; One 3-hour course in Non-Western Studies (N.W.). This requirement may be satisfied by courses also used to satisfy any part of a student's degree program (i.e., in General Education, College Departmental Requirements, Major Requirements or Electives).
- e. The College of Arts & Sciences requires a minimum 2.0 GPA in all major requirements and a minimum 2.0 GPA in all major-prefix courses applied to the degree.

### 3. Foreign Language Proficiency

- a. The foreign language requirement for the B.A. may be satisfied by 9 hours college credit in the same language, which must include 3 hours at the 2000-level, or equivalent proficiency (e.g., passing an advanced standing examination; TOEFL exam; presenting a high school transcript which demonstrates the high school was primarily conducted in a language other than English; etc.). Computer Science courses may not be used to satisfy this requirement. Currently Arabic and Mvskoke are not offered at the 2000-level at OSU.

- b. The foreign language requirement for the B.S., B.M. and B.F.A. may be satisfied by presenting a high school transcript which demonstrates two years of study of a single foreign language (passing grades at second-year level of study). It may also be satisfied by 6 hours college credit in the same language, which must include language courses 1713 and 1813, or equivalent proficiency (e.g., passing an advanced standing examination; TOEFL exam; presenting a high school transcript which demonstrates the high school was primarily conducted in a language other than English; etc.). Computer Science courses may not be used to satisfy this requirement.
- c. In addition to a. and b., students pursuing teacher certification must meet novice-high foreign language proficiency by presenting a high school transcript which demonstrates two years of study of a single foreign language with no grade below B. Or, students may complete 3 hours college credit in a single language with no grade below C (or pass an advanced standing examination, College Level Examination Program (CLEP) exam, or Oral Proficiency Interview developed by the American Council on the Teaching of Foreign Languages, equivalent to 3 hours of college credit.) Or, students may meet the requirement by transfer of documentation of meeting the foreign language competency from one of the teacher education programs in the State of Oklahoma approved by the Oklahoma State Regents for Higher Education.

### 4. Exclusions

- a. Courses used to satisfy the General Education English Composition, U.S. History, American Government, and Mathematics or Statistics requirements will not count toward the 54-hour maximum allowed from one department.
- b. Courses with ATHL or LEIS prefixes and leisure activity courses may not be used for degree credit.

## Additional State/OSU Requirements

- At least: 60 hours at a four-year institution; 30 hours completed at OSU; 15 of the final 30 or 50% of the upper-division hours in the major field completed at OSU.
- Limit of: one-half of major course requirements as transfer work; one-fourth of hours earned by correspondence; 8 transfer correspondence hours.
- Students will be held responsible for degree requirements in effect at the time of matriculation and any changes that are made, so long as these changes do not result in semester credit hours being added or do not delay graduation.
- Degrees that follow this plan must be completed by the end of Summer 2028.

## Example Plan of Study

### Finish in Four Plan of Study

The plan below is an **example** of how students can successfully complete degree requirements in four years. This suggested class schedule plan may be used as a guide and can be adjusted based on individual needs. Students are required to meet with an academic advisor prior to enrollment each semester to plan their class schedule, and students are ultimately responsible for completing all degree requirements.



Course	Title	Hours
<b>Freshman</b>		
<b>Fall</b>		
ENGL 1113 or ENGL 1313	Composition I or Critical Analysis and Writing I	3
PHIL 1113 or PHIL 2013 or PHIL 1213	Introduction To Philosophy (H) or Philosophical Classics (H) or Philosophies of Life (H)	3
1713 First Semester Foreign Language		3
General Education courses		5
<b>Hours</b>		<b>14</b>
<b>Spring</b>		
ENGL 1213 or ENGL 1413	Composition II or Critical Analysis and Writing II	3
1813 Second Semester Foreign Language		3
General Education courses		10
<b>Hours</b>		<b>16</b>
<b>Sophomore</b>		
<b>Fall</b>		
PHIL 1313	Logic and Critical Thinking (A)	3
PHIL 3113	Ancient Greek Philosophy (H)	3
2000-level Foreign Language		3
General Education courses		6
<b>Hours</b>		<b>15</b>
<b>Spring</b>		
PHIL 3213	17th and 18th Century Philosophy (H)	3
College and Elective courses		12
<b>Hours</b>		<b>15</b>
<b>Junior</b>		
<b>Fall</b>		
PHIL 3313	19th and 20th Century Philosophy (H)	3
PHIL 3413	Ethical Theory (H)	3
Major, College, and Elective courses		9
<b>Hours</b>		<b>15</b>
<b>Spring</b>		
PHIL 3991	Contemporary Philosophy Research	1
Major, College, and Elective courses		14
<b>Hours</b>		<b>15</b>
<b>Senior</b>		
<b>Fall</b>		
PHIL 3003	Symbolic Logic (A)	3
Major, College, and Elective courses		12
<b>Hours</b>		<b>15</b>
<b>Spring</b>		
Major, College, and Elective courses		15
<b>Hours</b>		<b>15</b>
<b>Total Hours</b>		<b>120</b>

# Philosophy: Ethics and Public Policy, BA

## Degree Requirements

**Requirements for Students Matriculating in or before Academic Year 2022-2023.** Learn more about University Academic Regulation 3.1 (p. 943).

**Minimum Overall Grade Point Average: 2.00**

**Total Hours: 120**

Code	Title	Hours
<b>General Education Requirements</b>		
<i>English Composition</i>		
See Academic Regulation 3.5 (p. 944)		
ENGL 1113 or ENGL 1313	Composition I Critical Analysis and Writing I	3
ENGL 1213 or ENGL 1413 or ENGL 3323	Composition II Critical Analysis and Writing II Technical Writing	3
<i>American History &amp; Government</i>		
HIST 1103 or HIST 1483 or HIST 1493	Survey of American History American History to 1865 (H) American History Since 1865 (DH)	3
POLS 1113	American Government	3
<i>Analytical &amp; Quantitative Thought (A)</i>		
MATH 1483	Mathematical Functions and Their Uses (A) (or higher excluding MATH 1493) <sup>1</sup>	3
PHIL 1313	Logic and Critical Thinking (A)	3
<i>Humanities (H)</i>		
PHIL 2013 or PHIL 1113 or PHIL 1213	Philosophical Classics (H) Introduction To Philosophy (H) Philosophies of Life (H)	3
and 3 hours designated (H)		3
<i>Natural Sciences (N)</i>		
Must include one Laboratory Science (L) course		
Courses designated (N)		6
<i>Social &amp; Behavioral Sciences (S)</i>		
Courses designated (S)		3
<i>Additional General Education</i>		
Courses designated (A), (H), (N), or (S)		7
<b>Hours Subtotal</b>		<b>40</b>
<b>Diversity (D) &amp; International Dimension (I)</b>		
May be completed in any part of the degree plan.		
At least one Diversity (D) course.		
At least one International Dimension (I) course.		
<b>College/Departmental Requirements</b>		
<i>First Year Seminar</i>		
(Transfer students with 15 hours exempt.)		1
<i>Arts &amp; Humanities</i>		
9 hours non-Philosophy		9
<i>Natural &amp; Mathematics Sciences</i>		
(See Note 2.b.)		3

<i>Foreign Language</i>	
(See note 3.)	9
<i>Non-Western Studies</i>	
At least one course. (See note 2.d.)	
<i>Upper-Division General Education</i>	
6 hours outside major department (See note 2.c.)	
<b>Hours Subtotal</b>	
<b>22</b>	

### Major Requirements

Minimum GPA 2.00. Minimum GPA in all Philosophy courses 2.50.

*Core:*

6 hours from:		6
PHIL 3113	Ancient Greek Philosophy (H)	
PHIL 3213	17th and 18th Century Philosophy (H)	
PHIL 3313	19th and 20th Century Philosophy (H)	
PHIL 3413	Ethical Theory (H)	3
PHIL 3843	Philosophy of Law (H)	3

Select a minimum of 16 hours of additional hours of PHIL. Up to 6 hours may be 2000-level. 10 hours must be upper-division.

*Ethics and Public Policy:*

Select 15 hours upper-division courses from:		15
POLS, GEOG, or GWST		
SPCH 3733	Elements of Persuasion (S)	
SOC 3423	Urban Sociology	
SOC 3523	Juvenile Delinquency (DS)	
SOC 3953	Applied Sociology	
SOC 4433	Environmental Sociology (S)	
SOC 4453	Environmental Inequality (S)	
SOC 4533	World Population Problems	
or others with consent of advisor.		
<b>Hours Subtotal</b>		<b>43</b>

### Electives

Select 15 hours.

**Hours Subtotal** 15

**Total Hours** 120

1

College and Departmental Requirements that may be used to meet General Education Requirements.

## Other Requirements

- See the College of Arts and Sciences Requirements.
- **Upper-Division Credit:** Total hours must include at least 40 hours in courses numbered 3000 or above.
- **Hours in One Department:** For B.A. and B.S. degrees, no more than 54 hours in one department may be applied to degree requirements.

## College of Arts and Sciences Requirements

### 1. General Education Requirements

No more than two courses (or eight hours) from the major department (<http://catalog.okstate.edu/college-arts-sciences-major-departments/>) may be used to meet General Education and College and Departmental Requirements. The General Education required English Composition, required U.S. History, required American

Government, one required MATH or STAT course, and required foreign language for B.A. degrees do not count against the two-course maximum.

## 2. A&S College/Departmental Requirements

- a. Arts and Humanities are defined as any course carrying an (H) designation or courses from AMST, ART, DANC, ENGL (except ENGL 3323 Technical Writing) HIST, MUSI, PHIL (except PHIL 1313 Logic and Critical Thinking (A), PHIL 3003 Symbolic Logic (A) and PHIL 4003 Mathematical Logic and Computability), REL, TH, and foreign languages.
- b. Natural and Mathematical Sciences are defined as any course from the following prefixes: ASTR, BIOC, BIOL, CHEM, CS (except CS 4883 Social Issues in Computing), GEOL, MATH, MICR, PBIO, PHYS, and STAT; or courses from other departments that carry an (A) or (N) general education designation.
- c. The required six hours of upper-division General Education may not include courses from the student's major department. This requirement may be satisfied by courses also used to satisfy any part of a student's degree program (i.e., in General Education, College Departmental Requirements, Major Requirements or Electives).
- d. Non-Western Studies Requirement for B.A. and B.F.A.; One 3-hour course in Non-Western Studies (N.W.). This requirement may be satisfied by courses also used to satisfy any part of a student's degree program (i.e., in General Education, College Departmental Requirements, Major Requirements or Electives).
- e. The College of Arts & Sciences requires a minimum 2.0 GPA in all major requirements and a minimum 2.0 GPA in all major-prefix courses applied to the degree.

## 3. Foreign Language Proficiency

- a. The foreign language requirement for the B.A. may be satisfied by 9 hours college credit in the same language, which must include 3 hours at the 2000-level, or equivalent proficiency (e.g., passing an advanced standing examination; TOEFL exam; presenting a high school transcript which demonstrates the high school was primarily conducted in a language other than English; etc.). Computer Science courses may not be used to satisfy this requirement. Currently Arabic and Mvskoke are not offered at the 2000-level at OSU.
- b. The foreign language requirement for the B.S., B.M. and B.F.A. may be satisfied by presenting a high school transcript which demonstrates two years of study of a single foreign language (passing grades at second-year level of study). It may also be satisfied by 6 hours college credit in the same language, which must include language courses 1713 and 1813, or equivalent proficiency (e.g., passing an advanced standing examination; TOEFL exam; presenting a high school transcript which demonstrates the high school was primarily conducted in a language other than English; etc.). Computer Science courses may not be used to satisfy this requirement.
- c. In addition to a. and b., students pursuing teacher certification must meet novice-high foreign language proficiency by presenting a high school transcript which demonstrates two years of study of a single foreign language with no grade below B. Or, students may complete 3 hours college credit in a single language with no grade below C (or pass an advanced standing examination, College Level Examination Program (CLEP) exam, or Oral Proficiency Interview developed by the American Council on the Teaching of Foreign Languages, equivalent to 3 hours of college credit.) Or, students may meet the requirement by transfer

of documentation of meeting the foreign language competency from one of the teacher education programs in the State of Oklahoma approved by the Oklahoma State Regents for Higher Education.

## 4. Exclusions

- a. Courses used to satisfy the General Education English Composition, U.S. History, American Government, and Mathematics or Statistics requirements will not count toward the 54-hour maximum allowed from one department.
- b. Courses with ATHL or LEIS prefixes and leisure activity courses may not be used for degree credit.

## Additional State/OSU Requirements

- At least: 60 hours at a four-year institution; 30 hours completed at OSU; 15 of the final 30 or 50% of the upper-division hours in the major field completed at OSU.
- Limit of: one-half of major course requirements as transfer work; one-fourth of hours earned by correspondence; 8 transfer correspondence hours.
- Students will be held responsible for degree requirements in effect at the time of matriculation and any changes that are made, so long as these changes do not result in semester credit hours being added or do not delay graduation.
- Degrees that follow this plan must be completed by the end of Summer 2028.

# Philosophy: Pre-Law, BA

## Degree Requirements

**Requirements for Students Matriculating in or before Academic Year 2022-2023.** Learn more about University Academic Regulation 3.1 (p. 943).

**Minimum Overall Grade Point Average: 2.00**

**Total Hours: 120**

Code	Title	Hours
<b>General Education Requirements</b>		
<i>English Composition</i>		
See Academic Regulation 3.5 (p. 944)		
ENGL 1113	Composition I	3
or ENGL 1313	Critical Analysis and Writing I	
Select one of the following:		3
ENGL 1213	Composition II	
ENGL 1413	Critical Analysis and Writing II	
ENGL 3323	Technical Writing	
<i>American History &amp; Government</i>		
HIST 1103	Survey of American History	3
or HIST 1483	American History to 1865 (H)	
or HIST 1493	American History Since 1865 (DH)	
POLS 1113	American Government	3
<i>Analytical &amp; Quantitative Thought (A)</i>		
MATH or STAT course designated (A)		3
PHIL 1313	Logic and Critical Thinking (A)	3
<i>Humanities (H)</i>		
Select one of the following:		3
PHIL 1113	Introduction To Philosophy (H)	
PHIL 1213	Philosophies of Life (H)	
PHIL 2013	Philosophical Classics (H)	
Courses designated (H)		3
<i>Natural Sciences (N)</i>		
Must include one Laboratory Science (L) course		
Courses designated (N) with one (L)		6
<i>Social &amp; Behavioral Sciences (S)</i>		
Courses designated (S)		3
<i>Additional General Education</i>		
Courses designated (A), (H), (N), or (S)		7
<b>Hours Subtotal</b>		<b>40</b>
<b>Diversity (D) &amp; International Dimension (I)</b>		
May be completed in any part of the degree plan		
Select at least one Diversity (D) course		
Select at least one International Dimension (I) course		
<b>College/Departmental Requirements</b>		
<i>First Year Seminar</i>		
(Transfer students with 15 hours exempt)		1
<i>Arts &amp; Humanities</i>		
9 hours non-Philosophy		9
<i>Natural &amp; Mathematical Sciences</i>		
See note 2.b.		3

<i>Foreign Language</i>		
See note 3		9
<i>Non-Western Studies</i>		
At least one course		
See note 2.d.		
<i>Upper-Division General Education</i>		
Select 6 hours outside major department		
See note 2.c.		
<b>Hours Subtotal</b>		<b>22</b>
<b>Major Requirements</b>		
Minimum GPA 2.00. Minimum GPA in all Philosophy courses 2.50		
<i>Core</i>		
Select 6 hours of the following:		6
PHIL 3113	Ancient Greek Philosophy (H)	
PHIL 3213	17th and 18th Century Philosophy (H)	
PHIL 3313	19th and 20th Century Philosophy (H)	
PHIL 3003	Symbolic Logic (A)	3
PHIL 3843	Philosophy of Law (H)	3
Select a minimum of 16 additional hours in PHIL: up to six hours in 2000-level PHIL courses and the remainder in upper-division PHIL courses. <sup>1</sup>		16
Select 15 hours upper-division related courses from the following: <sup>1</sup>		15
AGEC 3713	Agricultural Law	
AMIS 4013	American Indian Sovereignty (D)	
BCOM 3113	Written Communication	
ECON 3313	Money and Banking	
ECON 3423	Public Finance	
ENGL 3223	Professional Writing Theory	
ENGL 3323	Technical Writing	
FIN 3113	Finance	
LSB 3213	Legal and Regulatory Environment of Business	
MSIS 4123	Information Assurance Management	
POLS 3033	International Law	
POLS 3453	U.S. Congress	
POLS 3493	Public Policy	
POLS 3613	State and Local Government	
POLS 4353	Administrative Law	
POLS 4363	Environmental Law And Policy	
POLS 4963	U.S. Constitution: Civil Rights and Civil Liberties	
POLS 4973	U.S. Constitution: Separation of Powers	
SOC 4313	Sociology of Law	
SPCH 3733	Elements of Persuasion (S)	
<b>Hours Subtotal</b>		<b>43</b>
<b>Electives</b>		
Select 15 hours <sup>1</sup>		15
May need to include 6 hours upper-division general education outside major department (see note 2.c.) and 4 additional upper-division hours		

<b>Hours Subtotal</b>	<b>15</b>
<b>Total Hours</b>	<b>120</b>

## Other Requirements

- See the College of Arts and Sciences Requirements.
- **Upper-Division Credit:** Total hours must include at least 40 hours in courses numbered 3000 or above.
- **Hours in One Department:** For B.A. and B.S. degrees, no more than 54 hours in one department may be applied to degree requirements.

## College of Arts and Sciences Requirements

### 1. General Education Requirements

No more than two courses (or eight hours) from the major department (<http://catalog.okstate.edu/college-arts-sciences-major-departments/>) may be used to meet General Education and College and Departmental Requirements. The General Education required English Composition, required U.S. History, required American Government, one required MATH or STAT course, and required foreign language for B.A. degrees do not count against the two-course maximum.

### 2. A&S College/Departmental Requirements

- Arts and Humanities are defined as any course carrying an (H) designation or courses from AMST, ART, DANC, ENGL (except ENGL 3323 Technical Writing) HIST, MUSI, PHIL (except PHIL 1313 Logic and Critical Thinking (A), PHIL 3003 Symbolic Logic (A) and PHIL 4003 Mathematical Logic and Computability), REL, TH, and foreign languages.
- Natural and Mathematical Sciences are defined as any course from the following prefixes: ASTR, BIOC, BIOL, CHEM, CS (except CS 4883 Social Issues in Computing), GEOL, MATH, MICR, PBIO, PHYS, and STAT; or courses from other departments that carry an (A) or (N) general education designation.
- The required six hours of upper-division General Education may not include courses from the student's major department. This requirement may be satisfied by courses also used to satisfy any part of a student's degree program (i.e., in General Education, College Departmental Requirements, Major Requirements or Electives).
- Non-Western Studies Requirement for B.A. and B.F.A.; One 3-hour course in Non-Western Studies (N.W.). This requirement may be satisfied by courses also used to satisfy any part of a student's degree program (i.e., in General Education, College Departmental Requirements, Major Requirements or Electives).
- The College of Arts & Sciences requires a minimum 2.0 GPA in all major requirements and a minimum 2.0 GPA in all major-prefix courses applied to the degree.

### 3. Foreign Language Proficiency

- The foreign language requirement for the B.A. may be satisfied by 9 hours college credit in the same language, which must include 3 hours at the 2000-level, or equivalent proficiency (e.g., passing an advanced standing examination; TOEFL exam; presenting a high school transcript which demonstrates the high school was primarily conducted in a language other than English; etc.). Computer Science courses may not be used to satisfy this requirement. Currently Arabic and Mvskoke are not offered at the 2000-level at OSU.

- The foreign language requirement for the B.S., B.M. and B.F.A. may be satisfied by presenting a high school transcript which demonstrates two years of study of a single foreign language (passing grades at second-year level of study). It may also be satisfied by 6 hours college credit in the same language, which must include language courses 1713 and 1813, or equivalent proficiency (e.g., passing an advanced standing examination; TOEFL exam; presenting a high school transcript which demonstrates the high school was primarily conducted in a language other than English; etc.). Computer Science courses may not be used to satisfy this requirement.
- In addition to a. and b., students pursuing teacher certification must meet novice-high foreign language proficiency by presenting a high school transcript which demonstrates two years of study of a single foreign language with no grade below B. Or, students may complete 3 hours college credit in a single language with no grade below C (or pass an advanced standing examination, College Level Examination Program (CLEP) exam, or Oral Proficiency Interview developed by the American Council on the Teaching of Foreign Languages, equivalent to 3 hours of college credit.) Or, students may meet the requirement by transfer of documentation of meeting the foreign language competency from one of the teacher education programs in the State of Oklahoma approved by the Oklahoma State Regents for Higher Education.

### 4. Exclusions

- Courses used to satisfy the General Education English Composition, U.S. History, American Government, and Mathematics or Statistics requirements will not count toward the 54-hour maximum allowed from one department.
- Courses with ATHL or LEIS prefixes and leisure activity courses may not be used for degree credit.

## Additional State/OSU Requirements

- At least: 60 hours at a four-year institution; 30 hours completed at OSU; 15 of the final 30 or 50% of the upper-division hours in the major field completed at OSU.
- Limit of: one-half of major course requirements as transfer work; one-fourth of hours earned by correspondence; 8 transfer correspondence hours.
- Students will be held responsible for degree requirements in effect at the time of matriculation and any changes that are made, so long as these changes do not result in semester credit hours being added or do not delay graduation.
- Degrees that follow this plan must be completed by the end of Summer 2028.

## Example Plan of Study

### Finish in Four Plan of Study

The plan below is an **example** of how students can successfully complete degree requirements in four years. This suggested class schedule plan may be used as a guide and can be adjusted based on individual needs. Students are required to meet with an academic advisor prior to enrollment each semester to plan their class schedule, and students are ultimately responsible for completing all degree requirements.

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Course	Title	Hours
<b>Freshman</b>		
<b>Fall</b>		
ENGL 1113 or ENGL 1313	Composition I or Critical Analysis and Writing I	3
PHIL 1113 or PHIL 2013 or PHIL 1213	Introduction To Philosophy (H) or Philosophical Classics (H) or Philosophies of Life (H)	3
1713 First Semester Foreign Language		3
General Education courses		5
<b>Hours</b>		<b>14</b>
<b>Spring</b>		
ENGL 1213 or ENGL 1413	Composition II or Critical Analysis and Writing II	3
1813 Second Semester Foreign Language		3
General Education courses		10
<b>Hours</b>		<b>16</b>
<b>Sophomore</b>		
<b>Fall</b>		
PHIL 1313	Logic and Critical Thinking (A)	3
PHIL 3113	Ancient Greek Philosophy (H)	3
2000-level Foreign Language		3
General Education courses		6
<b>Hours</b>		<b>15</b>
<b>Spring</b>		
PHIL 3213	17th and 18th Century Philosophy (H)	3
College and Elective courses		12
<b>Hours</b>		<b>15</b>
<b>Junior</b>		
<b>Fall</b>		
PHIL 3313	19th and 20th Century Philosophy (H)	3
PHIL 3413	Ethical Theory (H)	3
Major, College, and Elective courses		9
<b>Hours</b>		<b>15</b>
<b>Spring</b>		
PHIL 3991	Contemporary Philosophy Research	1
Major, College, and Elective courses		14
<b>Hours</b>		<b>15</b>
<b>Senior</b>		
<b>Fall</b>		
PHIL 3003	Symbolic Logic (A)	3
Major, College, and Elective courses		12
<b>Hours</b>		<b>15</b>
<b>Spring</b>		
Major, College, and Elective courses		15
<b>Hours</b>		<b>15</b>
<b>Total Hours</b>		<b>120</b>



# Philosophy: Pre-Ministry, BA

## Degree Requirements

**Requirements for Students Matriculating in or before Academic Year 2022-2023.** Learn more about University Academic Regulation 3.1 (p. 943).

**Minimum Overall Grade Point Average: 2.00**

**Total Hours: 120**

Code	Title	Hours
<b>General Education Requirements</b>		
<i>English Composition</i>		
See Academic Regulation 3.5 (p. 944)		
ENGL 1113	Composition I	3
or ENGL 1313	Critical Analysis and Writing I	
Select one of the following:		3
ENGL 1213	Composition II	
ENGL 1413	Critical Analysis and Writing II	
ENGL 3323	Technical Writing	
<i>American History &amp; Government</i>		
HIST 1103	Survey of American History	3
or HIST 1483	American History to 1865 (H)	
or HIST 1493	American History Since 1865 (DH)	
POLS 1113	American Government	3
<i>Analytical &amp; Quantitative Thought (A)</i>		
MATH or STAT course designated (A)		3
PHIL 1313	Logic and Critical Thinking (A)	3
<i>Humanities (H)</i>		
Select one of the following:		3
PHIL 1113	Introduction To Philosophy (H)	
PHIL 1213	Philosophies of Life (H)	
PHIL 2013	Philosophical Classics (H)	
Courses designated (H)		3
<i>Natural Sciences (N)</i>		
Must include one Laboratory Science (L) course		
Courses designated (N) with one (L)		6
<i>Social &amp; Behavioral Sciences (S)</i>		
PSYC 1113	Introductory Psychology (S)	3
<i>Additional General Education</i>		
Courses designated (A), (H), (N), or (S)		7
<b>Hours Subtotal</b>		<b>40</b>
<b>Diversity (D) &amp; International Dimension (I)</b>		
May be completed in any part of the degree plan		
Select at least one Diversity (D) course		
Select at least one International Dimension (I) course		
<b>College/Departmental Requirements</b>		
<i>First Year Seminar</i>		
(Transfer students with 15 hours exempt)		1
<i>Arts &amp; Humanities</i>		
REL 1103	Introduction to World Religions (HI)	3
REL 2013	The Old Testament and its Study (H)	3
or REL 2023	The New Testament and Its Study (H)	

Select 3 additional non-PHIL or REL hours	3	
See note 2.a.		
<i>Natural &amp; Mathematical Sciences</i>		
See note 2.b.	3	
<i>Foreign Language</i>		
See note 3	9	
<i>Non-Western Studies</i>		
At least one course		
See note 2.d.		
<i>Upper-Division General Education</i>		
Select 6 hours outside major department		
See note 2.c.		
<b>Hours Subtotal</b>	<b>22</b>	
<b>Major Requirements</b>		
Minimum GPA 2.00. Minimum GPA in all PHIL and REL courses 2.50		
<i>Core</i>		
Select 6 hours of the following:		
PHIL 3113	Ancient Greek Philosophy (H)	
PHIL 3213	17th and 18th Century Philosophy (H)	
PHIL 3313	19th and 20th Century Philosophy (H)	
PHIL 3003	Symbolic Logic (A)	3
PHIL 3413	Ethical Theory (H)	3
PHIL 3613	Philosophy of Religion (H)	3
Select a minimum of 13 additional hours in PHIL: up to six hours in 2000-level PHIL courses and the remainder in upper-division PHIL courses.		
CPSY 3003	Introduction to Counseling and Related Professions	3
Select 12 hours of upper-division REL courses, with at least 3 hours from Non-Western Religious Studies		
<b>Hours Subtotal</b>	<b>43</b>	
<b>Electives</b>		
Select 15 hours		
May need to include 6 hours upper-division general education outside major department (see note 2.c.)		
Suggested courses:		
CPSY 3013	Introduction to Helping Skills	
PSYC 3413	Social Cognition & Behavior; Mating, Morality, & other Mysteries	
or PSYC 3443	Abnormal Psychology (S)	
or PSYC 4163	Psychology of Prejudice and Discrimination (D)	
or PSYC 4213	Conflict Resolution (S)	
or PSYC 4283	Health Psychology	
<b>Hours Subtotal</b>	<b>15</b>	
<b>Total Hours</b>	<b>120</b>	

## Other Requirements

- See the College of Arts and Sciences Requirements.
- **Upper-Division Credit:** Total hours must include at least 40 hours in courses numbered 3000 or above.
- **Hours in One Department:** For B.A. and B.S. degrees, no more than 54 hours in one department may be applied to degree requirements.

## College of Arts and Sciences Requirements

### 1. General Education Requirements

No more than two courses (or eight hours) from the major department (<http://catalog.okstate.edu/college-arts-sciences-major-departments/>) may be used to meet General Education and College and Departmental Requirements. The General Education required English Composition, required U.S. History, required American Government, one required MATH or STAT course, and required foreign language for B.A. degrees do not count against the two-course maximum.

### 2. A&S College/Departmental Requirements

- Arts and Humanities are defined as any course carrying an (H) designation or courses from AMST, ART, DANC, ENGL (except ENGL 3323 Technical Writing) HIST, MUSI, PHIL (except PHIL 1313 Logic and Critical Thinking (A), PHIL 3003 Symbolic Logic (A) and PHIL 4003 Mathematical Logic and Computability), REL, TH, and foreign languages.
- Natural and Mathematical Sciences are defined as any course from the following prefixes: ASTR, BIOC, BIOL, CHEM, CS (except CS 4883 Social Issues in Computing), GEOL, MATH, MICR, PBIO, PHYS, and STAT; or courses from other departments that carry an (A) or (N) general education designation.
- The required six hours of upper-division General Education may not include courses from the student's major department. This requirement may be satisfied by courses also used to satisfy any part of a student's degree program (i.e., in General Education, College Departmental Requirements, Major Requirements or Electives).
- Non-Western Studies Requirement for B.A. and B.F.A.; One 3-hour course in Non-Western Studies (N.W.). This requirement may be satisfied by courses also used to satisfy any part of a student's degree program (i.e., in General Education, College Departmental Requirements, Major Requirements or Electives).
- The College of Arts & Sciences requires a minimum 2.0 GPA in all major requirements and a minimum 2.0 GPA in all major-prefix courses applied to the degree.

### 3. Foreign Language Proficiency

- The foreign language requirement for the B.A. may be satisfied by 9 hours college credit in the same language, which must include 3 hours at the 2000-level, or equivalent proficiency (e.g., passing an advanced standing examination; TOEFL exam; presenting a high school transcript which demonstrates the high school was primarily conducted in a language other than English; etc.). Computer Science courses may not be used to satisfy this requirement. Currently Arabic and Mvskoke are not offered at the 2000-level at OSU.
- The foreign language requirement for the B.S., B.M. and B.F.A. may be satisfied by presenting a high school transcript which demonstrates two years of study of a single foreign language (passing grades at second-year level of study). It may also be satisfied by 6 hours college credit in the same language, which must include language courses 1713 and 1813, or equivalent proficiency (e.g., passing an advanced standing examination; TOEFL exam; presenting a high school transcript which demonstrates the high school was primarily conducted in a language other than English; etc.). Computer Science courses may not be used to satisfy this requirement.

- In addition to a. and b., students pursuing teacher certification must meet novice-high foreign language proficiency by presenting a high school transcript which demonstrates two years of study of a single foreign language with no grade below B. Or, students may complete 3 hours college credit in a single language with no grade below C (or pass an advanced standing examination, College Level Examination Program (CLEP) exam, or Oral Proficiency Interview developed by the American Council on the Teaching of Foreign Languages, equivalent to 3 hours of college credit.) Or, students may meet the requirement by transfer of documentation of meeting the foreign language competency from one of the teacher education programs in the State of Oklahoma approved by the Oklahoma State Regents for Higher Education.

### 4. Exclusions

- Courses used to satisfy the General Education English Composition, U.S. History, American Government, and Mathematics or Statistics requirements will not count toward the 54-hour maximum allowed from one department.
- Courses with ATHL or LEIS prefixes and leisure activity courses may not be used for degree credit.

## Additional State/OSU Requirements

- At least: 60 hours at a four-year institution; 30 hours completed at OSU; 15 of the final 30 or 50% of the upper-division hours in the major field completed at OSU.
- Limit of: one-half of major course requirements as transfer work; one-fourth of hours earned by correspondence; 8 transfer correspondence hours.
- Students will be held responsible for degree requirements in effect at the time of matriculation and any changes that are made, so long as these changes do not result in semester credit hours being added or do not delay graduation.
- Degrees that follow this plan must be completed by the end of Summer 2028.

## Example Plan of Study

### Finish in Four Plan of Study

The plan below is an **example** of how students can successfully complete degree requirements in four years. This suggested class schedule plan may be used as a guide and can be adjusted based on individual needs. Students are required to meet with an academic advisor prior to enrollment each semester to plan their class schedule, and students are ultimately responsible for completing all degree requirements.

Course	Title	Hours
<b>Freshman</b>		
<b>Fall</b>		
ENGL 1113 or ENGL 1313	Composition I or Critical Analysis and Writing I	3
PHIL 1113 or PHIL 2013 or PHIL 1213	Introduction To Philosophy (H) or Philosophical Classics (H) or Philosophies of Life (H)	3
1713	First Semester Foreign Language	3
General Education courses		5
<b>Hours</b>		<b>14</b>
<b>Spring</b>		
ENGL 1213 or ENGL 1413	Composition II or Critical Analysis and Writing II	3
1813	Second Semester Foreign Language	3

General Education courses		10
	<b>Hours</b>	<b>16</b>
<b>Sophomore</b>		
<b>Fall</b>		
PHIL 1313	Logic and Critical Thinking (A)	3
PHIL 3113	Ancient Greek Philosophy (H)	3
2000-level Foreign Language		3
General Education courses		6
	<b>Hours</b>	<b>15</b>
<b>Spring</b>		
PHIL 3213	17th and 18th Century Philosophy (H)	3
College and Elective courses		12
	<b>Hours</b>	<b>15</b>
<b>Junior</b>		
<b>Fall</b>		
PHIL 3313	19th and 20th Century Philosophy (H)	3
PHIL 3413	Ethical Theory (H)	3
Major, College, and Elective courses		9
	<b>Hours</b>	<b>15</b>
<b>Spring</b>		
PHIL 3991	Contemporary Philosophy Research	1
Major, College, and Elective courses		14
	<b>Hours</b>	<b>15</b>
<b>Senior</b>		
<b>Fall</b>		
PHIL 3003	Symbolic Logic (A)	3
Major, College, and Elective courses		12
	<b>Hours</b>	<b>15</b>
<b>Spring</b>		
Major, College, and Elective courses		15
	<b>Hours</b>	<b>15</b>
	<b>Total Hours</b>	<b>120</b>

## Physics

Physics is the science of matter, energy and their interactions. Physics majors learn the fundamental laws governing the natural world, and in so doing develop critical skills of observation and quantitative analysis in both experimental and theoretical settings. Because those skills are increasingly valued in diverse fields in today's technological society, persons trained in physics are found not only in science, but also in fields where analytical skills are vital to success, such as finance, medicine, law and engineering.

The Department of Physics offers two bachelor's degree programs. First, the "BS in Physics" degree program is designed for students who seek a broad, comprehensive study of the set of traditional as well as contemporary topics which together comprise the subject of physics, and who ultimately may be interested in obtaining master's and/or doctoral degrees and becoming professional physicists or astronomers. In contrast, the "BS in Applied Physics" degree program has been developed for students who wish to combine studies in physics with studies in other areas such as biology, geology, business, computer science, engineering, mathematics, or pre-medicine, perhaps in preparation for graduate degrees in those areas. Interdisciplinary study is also possible through double majors with physics, a major in physics with a minor in another subject, or minors in physics. The detailed requirements for all degree programs of the Physics Department can be obtained from the department office or its website: <https://physics.okstate.edu/>.

During their first two years, physics majors learn the laws of mechanics (forces and motion) and electromagnetism which epitomize the work of Newton and Maxwell, among others. At the same time, students develop their mathematical skills through courses in calculus and differential equations.

During their last two years, physics majors delve into advanced topics including the quantum and relativistic physics of Schroedinger, Einstein and their colleagues. Courses in laboratory and computational methods further develop experimental abilities. Students are also encouraged to work in the department's research labs or astronomical observatory. Students pursuing the BS in physics take additional physics courses and do a senior project. Students seeking the BS in applied physics replace the additional physics courses with upper-division courses in their chosen areas.

Please contact Sheri Orr, our departmental advisor, to learn more!

## Courses

### PHYS 1001 Frontiers of Physics

**Prerequisites:** Freshmen and sophomore Physics Majors only or consent of instructor.

**Description:** Student and faculty discussions of current research topics in physics. Includes laboratory tours and research presentation by faculty. Graded on pass-fail basis.

**Credit hours:** 1

**Contact hours:** Lecture: 1 Contact: 1

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Physics

### PHYS 1014 Descriptive Physics (N)

**Description:** A survey course presenting the basic concepts and principles of physics with a minimum of mathematics. Motion, waves, temperature, electricity, magnetism, optics, atomic structure, and nuclear energy.

**Credit hours:** 4

**Contact hours:** Lecture: 4 Contact: 4

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Physics

**General Education and other Course Attributes:** Natural Sciences

### PHYS 1114 College Physics I (LN)

**Prerequisites:** MATH 1513 or higher with a "C" or better, or an acceptable placement score (see [placement.okstate.edu](http://placement.okstate.edu)).

**Description:** Algebra-based introductory course covering physics appropriate for applied and life sciences or pre-professional majors. Topics covered - Newtonian mechanics, fluids, thermodynamics, waves, and sound.

**Credit hours:** 4

**Contact hours:** Lecture: 2 Lab: 2 Contact: 5 Other: 1

**Levels:** Undergraduate

**Schedule types:** Discussion, Lab, Lecture, Combined lecture lab & disc

**Department/School:** Physics

**General Education and other Course Attributes:** Scientific Investigation, Natural Sciences

### PHYS 1214 College Physics II (LN)

**Prerequisites:** PHYS 1114 or PHYS 2014 with a "C" or better or acceptable AP credit.

**Description:** A continuation of College Physics I for students in the applied-sciences, life-sciences, and pre-professional majors. Covers electricity, magnetism, optics, quantum physics, atomic and nuclear structure.

**Credit hours:** 4

**Contact hours:** Lecture: 2 Lab: 2 Contact: 5 Other: 1

**Levels:** Undergraduate

**Schedule types:** Discussion, Lab, Lecture, Combined lecture lab & disc

**Department/School:** Physics

**General Education and other Course Attributes:** Scientific Investigation, Natural Sciences

### PHYS 2014 University Physics I (LN)

**Prerequisites:** A minimum grade of "C" in MATH 2103 or MATH 2123 or MATH 2144 or acceptable AP credit.

**Description:** Calculus-based introductory course covering mechanics, waves, heat, and thermodynamics for physical science, math, and engineering majors.

**Credit hours:** 4

**Contact hours:** Lecture: 2 Lab: 2 Contact: 5 Other: 1

**Levels:** Undergraduate

**Schedule types:** Discussion, Lab, Lecture, Combined lecture lab & disc

**Department/School:** Physics

**General Education and other Course Attributes:** Scientific Investigation, Natural Sciences

**PHYS 2020 Special Topics in Physics**

**Description:** Laboratory exercises for College Physics I, College Physics II, University Physics I or University Physics II. Offered for variable credit, 1-3 credit hours, maximum of 6 credit hours.

**Credit hours:** 1-3

**Contact hours:** Lab: 2-6 Contact: 2-6

**Levels:** Undergraduate

**Schedule types:** Lab

**Department/School:** Physics

**PHYS 2114 University Physics II (LN)**

**Prerequisites:** PHYS 2014 with a "C" or better or acceptable AP credit.

**Description:** A continuation of University Physics I covering electricity, magnetism, and optics for physical sciences, math, and engineering majors.

**Credit hours:** 4

**Contact hours:** Lecture: 2 Lab: 2 Contact: 5 Other: 1

**Levels:** Undergraduate

**Schedule types:** Discussion, Lab, Lecture, Combined lecture lab & disc

**Department/School:** Physics

**General Education and other Course Attributes:** Scientific Investigation, Natural Sciences

**PHYS 2203 University Physics III**

**Prerequisites:** PHYS 2114 with a grade of "C" or better or acceptable AP credit.

**Description:** A continuation of PHYS 2114 for all Physics majors. Topics include: heat, special relativity, and atomic and nuclear physics.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Physics

**PHYS 2663 Physics in Medicine (N)**

**Description:** Course will introduce important technologies widely used in modern medicine and the basic physics and physiology that underlies them. Examples include EKG machines, ultrasound imaging, laser surgery, x-ray, CT, PET, and MRI. Field trips required.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Physics

**General Education and other Course Attributes:** Natural Sciences

**PHYS 2890 Honors Experience in Physics**

**Prerequisites:** Honors Program participation and concurrent enrollment in designated course(s).

**Description:** A supplemental Honors experience in Physics to partner concurrently with designated lower division PHYS course(s). This course adds a different intellectual dimension to designated course(s). Offered for fixed credit, 1 credit hour, maximum of 6 credit hours.

**Credit hours:** 1

**Contact hours:** Lecture: 1 Contact: 1

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Physics

**General Education and other Course Attributes:** Honors Credit

**PHYS 3013 Mechanics I**

**Prerequisites:** PHYS 2114 or equivalent, and MATH 2233 or concurrent enrollment.

**Description:** Mechanics of particles, systems of particles and rigid bodies.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Physics

**PHYS 3113 Thermal Physics**

**Prerequisites:** PHYS 2203 and MATH 2163 or concurrent enrollment.

**Description:** Thermometry, heat transfer, elementary theory of specific heat and the three laws of thermodynamics.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Physics

**PHYS 3213 Optics**

**Prerequisites:** PHYS 2114 and PHYS 3513, or consent of the instructor.

**Description:** Geometrical optics; interference, diffraction, dispersion, absorption, and polarization of light.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Physics

**PHYS 3313 Introduction to Semiconductor Device Physics**

**Prerequisites:** PHYS 2114 or equivalent.

**Description:** An introduction to crystal structure, the quantum theory of solids, the physics of semiconductor materials and the pn junction, with an emphasis on applications to semiconductor devices. Same course as ECEN 3903.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Physics

**PHYS 3323 Modern Laboratory Methods I**

**Prerequisites:** PHYS 2014, PHYS 2114.

**Description:** Introduction to electric and electronic measurements and computer applications in experimental control, data collection and laboratory computation. Experiments on test instruments, integrated electronics, signal processing, computer interfacing, and data acquisition. Previously offered as PHYS 3322.

**Credit hours:** 3

**Contact hours:** Lab: 6 Contact: 6

**Levels:** Undergraduate

**Schedule types:** Lab

**Department/School:** Physics

**PHYS 3513 Mathematical Physics****Prerequisites:** PHYS 2114 and MATH 2163.**Description:** Physical applications of vectors, vector calculus and differential equations. Fourier analysis. Orbit geometry, coordinate systems and transformation of coordinates. Matrices and determinants.**Credit hours:** 3**Contact hours:** Lecture: 3 Contact: 3**Levels:** Undergraduate**Schedule types:** Lecture**Department/School:** Physics**PHYS 3553 Foundations of Cancer****Prerequisites:** Minimum grade of "C" in CHEM 1225 or CHEM 1414 or CHEM 1515.**Description:** Course covers six themes: causes of cancer, cancer genetics, cancer diagnosis, cancer treatment, immuno-oncology, and cancer prevention. Course will illustrate both setbacks and victories in applying the scientific method to biological processes and the evidence for and assumptions made in these approaches will be discussed. Designed for future: medical doctors, cancer researchers, medical engineers, and to cancer patients or relatives. Same course as MICR 3553. May not be used for degree credit with PHYS 5553 and MICR 5553.**Credit hours:** 3**Contact hours:** Lecture: 2 Contact: 3 Other: 1**Levels:** Undergraduate**Schedule types:** Discussion, Combined lecture & discussion, Lecture**Department/School:** Physics**PHYS 3623 Modern Laboratory Methods II****Prerequisites:** PHYS 2014, PHYS 2114.**Description:** Introduction to the operating principles and applications of modern physical methods used in research. Laboratory experiments with lasers, wave propagation, thermometry, radiation detection, optical interferometry, and spectroscopy.**Credit hours:** 3**Contact hours:** Lab: 6 Contact: 2**Levels:** Undergraduate**Schedule types:** Lab**Department/School:** Physics**PHYS 3713 Modern Physics****Prerequisites:** PHYS 2203 with a "C" or better.**Description:** This is the first course in the undergraduate quantum physics sequence. It covers the basic features of quantum mechanics as they relate to atomic systems, nuclear matter, photons, and electrons.**Credit hours:** 3**Contact hours:** Lecture: 3 Contact: 3**Levels:** Undergraduate**Schedule types:** Lecture**Department/School:** Physics**PHYS 4003 Computer Simulation Methods in Physics****Prerequisites:** PHYS 3013, PHYS 3113, PHYS 3313 or consent of instructor.**Description:** Introduction to computer simulation methods used in the physical sciences. Linear systems, nonlinear systems, molecular dynamics, Monte Carlo methods, cellular automata, simple quantum systems. Some knowledge of either C, FORTRAN, Pascal, or BASIC required. Previously offered as PHYS 3993.**Credit hours:** 3**Contact hours:** Lecture: 3 Contact: 3**Levels:** Undergraduate**Schedule types:** Lecture**Department/School:** Physics**PHYS 4010 Special Problems****Prerequisites:** Consent of instructor.**Description:** Individual laboratory work of an advanced nature. Offered for variable credit, 1-3 credit hours, maximum of 9 credit hours.**Credit hours:** 1-3**Contact hours:** Contact: 1-3 Other: 1-3**Levels:** Undergraduate**Schedule types:** Independent Study**Department/School:** Physics**PHYS 4113 Electricity and Magnetism****Prerequisites:** PHYS 2114 and MATH 2233, or their equivalents.**Description:** Electrostatic fields, magnetic fields of steady currents, induced EMFs, Maxwell's equations and introduction to electromagnetic wave theory. Vector analysis used.**Credit hours:** 3**Contact hours:** Lecture: 3 Contact: 3**Levels:** Undergraduate**Schedule types:** Lecture**Department/School:** Physics**PHYS 4213 Introduction to Nuclear and Particle Physics****Prerequisites:** PHYS 2114 and PHYS 3713 or consent of instructor.**Description:** Survey of phenomenological aspects of nuclear and particle physics, photon and charged particle interactions with matter, particle detectors, particle accelerators, electromagnetic, strong and weak interactions, models of the nucleus, quark model of mesons and baryons, elementary particles, and symmetries in the Standard Model.**Credit hours:** 3**Contact hours:** Lecture: 3 Contact: 3**Levels:** Undergraduate**Schedule types:** Lecture**Department/School:** Physics**PHYS 4223 Introduction to General Relativity****Prerequisites:** Minimum grade of "C" in both PHYS 2203 and PHYS 3513 or consent of instructor.**Description:** An introduction to Einstein's theory of relativity, including the metric description of spacetime, relativistic kinematics in flat spacetime, coordinate transformations, gravity as curved spacetime, and black holes.**Credit hours:** 3**Contact hours:** Lecture: 3 Contact: 3**Levels:** Undergraduate**Schedule types:** Lecture**Department/School:** Physics**PHYS 4263 Introduction to Solid State Physics****Prerequisites:** PHYS 3013, PHYS 3713 or consent of instructor.**Description:** Structure, specific heat, dielectric properties, lattice vibrations, free electron theory, band structure, and superconductivity of solids.**Credit hours:** 3**Contact hours:** Lecture: 3 Contact: 3**Levels:** Undergraduate**Schedule types:** Lecture**Department/School:** Physics



**PHYS 4313 Molecular Biophysics****Prerequisites:** PHYS 1214 or PHYS 2114.**Description:** Survey of experimental and computational methods for determining the structure and function of biomolecular assemblies such as proteins and membranes. Techniques to be discussed include: X-ray diffraction, nuclear and electron spin resonance, optical spectroscopy, photobiophysics, kinetic modeling, molecular dynamics, Monte Carlo and homology modeling.**Credit hours:** 3**Contact hours:** Lecture: 3 Contact: 3**Levels:** Undergraduate**Schedule types:** Lecture**Department/School:** Physics**PHYS 4413 Modern Physics II****Prerequisites:** PHYS 3013 and PHYS 3713.**Description:** Atomic and X-ray spectra; one-dimensional Schroedinger equation; nuclear structure; introduction to statistical mechanics and elementary quantum statistics.**Credit hours:** 3**Contact hours:** Lecture: 3 Contact: 3**Levels:** Undergraduate**Schedule types:** Lecture**Department/School:** Physics**PHYS 4423 Mechanics II****Prerequisites:** PHYS 3013.**Description:** Lagrangian and Hamiltonian dynamics, calculus of variations, constrained systems, coupled oscillators, continuous systems and waves.**Credit hours:** 3**Contact hours:** Lecture: 3 Contact: 3**Levels:** Undergraduate**Schedule types:** Lecture**Department/School:** Physics**PHYS 4513 Introductory Quantum Mechanics****Prerequisites:** PHYS 3713.**Description:** Uncertainty principle, setting up Schroedinger equation (time dependent as well as time independent) and solving it for linear oscillator, hydrogen atom, periodic, and other potentials.**Credit hours:** 3**Contact hours:** Lecture: 3 Contact: 3**Levels:** Undergraduate**Schedule types:** Lecture**Department/School:** Physics**PHYS 4663 Radioactivity and Nuclear Physics****Prerequisites:** PHYS 3713 or consent of instructor.**Description:** Natural and artificial radioactivity, decay laws; absorption, detection and measurement of radiations; nuclear transformations.**Credit hours:** 3**Contact hours:** Lecture: 3 Contact: 3**Levels:** Undergraduate**Schedule types:** Lecture**Department/School:** Physics**PHYS 4712 Senior Project****Description:** Advanced individual experimental projects. Project proposal, formal laboratory report, and oral presentation are required.**Credit hours:** 2**Contact hours:** Contact: 2 Other: 2**Levels:** Undergraduate**Schedule types:** Independent Study**Department/School:** Physics**PHYS 4813 Electromagnetic Radiation****Prerequisites:** PHYS 4113 with minimum grade of "C."**Description:** Electromagnetic wave theory, reflection and refraction of electromagnetic waves; resonant cavities, wave guides, fiber propagation of electromagnetic waves; radiation sources; relativistic description of electromagnetic fields.**Credit hours:** 3**Contact hours:** Lecture: 3 Contact: 3**Levels:** Undergraduate**Schedule types:** Lecture**Department/School:** Physics**PHYS 4993 Senior Honors Thesis****Prerequisites:** Departmental invitation, senior standing, Honors Program participation.**Description:** A guided reading and research program ending with an honors thesis under the direction of a faculty member, with second faculty reader and oral examination. Required for graduation with departmental honors in physics.**Credit hours:** 3**Contact hours:** Lecture: 3 Contact: 3**Levels:** Undergraduate**Schedule types:** Lecture**Department/School:** Physics**General Education and other Course Attributes:** Honors Credit**PHYS 5000 Master's Thesis Research or Report****Prerequisites:** Consent of major professor.**Description:** Thesis research or report for master's degree. Offered for variable credit, 1-9 credit hours, maximum of 9 credit hours.**Credit hours:** 1-9**Contact hours:** Contact: 1-9 Other: 1-9**Levels:** Graduate**Schedule types:** Independent Study**Department/School:** Physics**PHYS 5110 Seminar****Prerequisites:** Graduate standing in physics.**Description:** Special topics in physics. Offered for variable credit, 1-5 credit hours, maximum of 20 credit hours.**Credit hours:** 1-5**Contact hours:** Contact: 1-5 Other: 1-5**Levels:** Graduate**Schedule types:** Independent Study**Department/School:** Physics**PHYS 5113 Statistical Thermodynamics and Kinetic Theory****Prerequisites:** PHYS 3113.**Description:** Fundamental concepts of thermodynamics: first, second and third laws; thermodynamic potentials. Statistical physics: Maxwell-Boltzman, Fermi-Dirac, Bose-Einstein distribution functions. Kinetic theory: transport phenomena, Boltzman H Theorem, the approach to thermodynamic equilibrium.**Credit hours:** 3**Contact hours:** Lecture: 3 Contact: 3**Levels:** Graduate**Schedule types:** Lecture**Department/School:** Physics

**PHYS 5123 Geometrical Optics****Prerequisites:** PHYS 3213 or consent of instructor.**Description:** Foundations of geometrical optics, geometrical theory of optical imaging, geometrical theory of aberrations, image forming instruments. Same course as ECEN 5803.**Credit hours:** 3**Contact hours:** Lecture: 3 Contact: 3**Levels:** Graduate**Schedule types:** Lecture**Department/School:** Physics**PHYS 5133 Laser Spectroscopy****Prerequisites:** PHYS 5163.**Description:** Principles of different types of laser spectroscopy based on fluorescence, absorption, saturated absorption, absorption in a cavity: Infrared, Raman, light scattering, four wave mixing, CARS, phase conjugation, two photon absorption, double resonance, and multiphoton ionization.**Credit hours:** 3**Contact hours:** Lecture: 3 Contact: 3**Levels:** Graduate**Schedule types:** Lecture**Department/School:** Physics**PHYS 5163 Lasers****Prerequisites:** PHYS 4813 or equivalent.**Description:** Semi-classical description of absorption and emission of light by matter; effects of cavities and optical elements; theory of lasers' gas, liquid, solid state and semiconductor. Electro-optics. Techniques of mode-locking, Q-switching, phase conjugation, Fourier transform optics. An introduction to non-linear optics.**Credit hours:** 3**Contact hours:** Lecture: 3 Contact: 3**Levels:** Graduate**Schedule types:** Lecture**Department/School:** Physics**PHYS 5213 Statistical Mechanics****Prerequisites:** PHYS 5113 and PHYS 5613 or consent of instructor.**Description:** Classical and quantum mechanical distribution functions for independent particles; interacting classical and quantum systems, superfluidity, phase transitions and critical phenomena, approximation methods.**Credit hours:** 3**Contact hours:** Lecture: 3 Contact: 3**Levels:** Graduate**Schedule types:** Lecture**Department/School:** Physics**PHYS 5220 Physics Topics for Teachers****Prerequisites:** Teaching experience or consent of instructor.**Description:** Special topics for elementary and secondary science teachers to improve their subject matter competence. Content varies, depending on the needs of specific groups of teachers. Offered for variable credit, 1-6 credit hours, maximum of 6 credit hours.**Credit hours:** 1-6**Contact hours:** Contact: 1-6 Other: 1-6**Levels:** Graduate**Schedule types:** Independent Study**Department/School:** Physics**PHYS 5263 Particle Physics****Prerequisites:** PHYS 5613 or consent of instructor.**Description:** Phenomenology of elementary particles: quark model, electromagnetic, weak, and strong interactions of quarks, leptons, and gauge bosons, Feynman diagram techniques, parton model, gauge symmetries, spontaneous symmetry breaking, Standard model, experimental tests.**Credit hours:** 3**Contact hours:** Lecture: 3 Contact: 3**Levels:** Graduate**Schedule types:** Lecture**Department/School:** Physics**PHYS 5303 Physical Optics****Prerequisites:** PHYS 3213 or consent of instructor.**Description:** Multiple beam interference, diffractions, imaging, near field optical probes of matter, surface plasmons, light scattering from random media, optical coherence tomography - biomedical applications, negative materials, perfect lenses and super resolution. Same course as ECEN 5823.**Credit hours:** 3**Contact hours:** Lecture: 3 Contact: 3**Levels:** Graduate**Schedule types:** Lecture**Department/School:** Physics**PHYS 5313 Electromagnetic Theory****Prerequisites:** PHYS 5453.**Description:** Electric and magnetic fields in free space and in matter. Boundary value problems, Green's functions, stress tensors, multipole expansions, thermodynamics; electromagnetic waves.**Credit hours:** 3**Contact hours:** Lecture: 3 Contact: 3**Levels:** Graduate**Schedule types:** Lecture**Department/School:** Physics**PHYS 5350 Special Problems****Prerequisites:** Graduate standing in physics.**Description:** Special problems of experimental or theoretical nature. Largely individual work with written report required. Offered for variable credit, 1-3 credit hours, maximum of 12 credit hours.**Credit hours:** 1-3**Contact hours:** Contact: 1-3 Other: 1-3**Levels:** Graduate**Schedule types:** Independent Study**Department/School:** Physics**PHYS 5413 Classical Mechanics****Prerequisites:** PHYS 4423 or consent of instructor.**Description:** Generalized coordinates and advanced dynamics; coupled systems, wave motion; theory of elasticity.**Credit hours:** 3**Contact hours:** Lecture: 3 Contact: 3**Levels:** Graduate**Schedule types:** Lecture**Department/School:** Physics

**PHYS 5453 Mathematical Methods for Physicists****Prerequisites:** PHYS 3513.**Description:** Introduction to mathematical techniques used in analyzing problems in physics.**Credit hours:** 3**Contact hours:** Lecture: 3 Contact: 3**Levels:** Graduate**Schedule types:** Lecture**Department/School:** Physics**PHYS 5523 Radiation Detection and Measurement****Prerequisites:** PHYS 3713 and PHYS 4213.**Description:** Overview of radiation detection and measurement. Instrumentation, statistics of radiation measurements, review of atomic and nuclear physics, review of radiation interaction with matter, nuclear electronics, gas-filled and scintillation detectors, semiconductor detectors, radiation counting and spectroscopy.**Credit hours:** 3**Contact hours:** Lecture: 3 Contact: 3**Levels:** Graduate**Schedule types:** Lecture**Department/School:** Physics**PHYS 5533 Dosimetry and Radiation Protection****Prerequisites:** PHYS 4663 and PHYS 5523 or consent of instructor.**Description:** Radiation dosimetry quantities, effects of ionizing radiation on the human body, basic radiation protection concepts, x-ray and  $\gamma$ -ray interaction and attenuation with matter, charged particle and neutron interaction with matter, charged particle equilibria, Bragg-Gray Cavity theory, quantifying dose from radionuclide sources, survey of dosimetric instrumentation, dosimetry with ionization chambers, integrating dosimeters and personal dosimetry.**Credit hours:** 3**Contact hours:** Lecture: 3 Contact: 3**Levels:** Graduate**Schedule types:** Lecture**Department/School:** Physics**PHYS 5553 Foundations of Cancer****Prerequisites:** Minimum grade of "C" in (or equivalent) or MICR 3033 (or equivalent) or consent of instructor.**Description:** Course covers six themes: causes of cancer, cancer genetics, cancer diagnosis, cancer treatment, immuno-oncology, and cancer prevention. Course will illustrate both setbacks and victories in applying the scientific method to biological processes and the evidence for and assumptions made in these approaches will be discussed. Designed for future: medical doctors, cancer researchers, medical engineers, and to cancer patients or relatives. Same course as MICR 5553. May not be used for degree credit with PHYS 3553 or MICR 5553.**Credit hours:** 3**Contact hours:** Lecture: 2 Contact: 3 Other: 1**Levels:** Graduate**Schedule types:** Discussion, Combined lecture & discussion, Lecture**Department/School:** Physics**PHYS 5563 Radioactivity and Nuclear Physics Laboratory****Prerequisites:** PHYS 4663 and PHYS 5523 or consent of instructor.**Description:** The primary objective of this course is to provide students with hands-on experience in a range of experimental techniques and with a variety of instrumentation routinely used in radiation detection and dosimetry, nuclear and particle physics, and in radiotherapy and medical imaging. The course content can be thought of as being of two types: 1) general experimental methods in physics and 2) methods of radiation detection and measurement.**Credit hours:** 3**Contact hours:** Lecture: 1 Lab: 4 Contact: 5**Levels:** Graduate**Schedule types:** Lab, Lecture, Combined lecture and lab**Department/School:** Physics**PHYS 5573 Radiation Biophysics****Prerequisites:** PHYS 5533 or consent of instructor.**Description:** Introduction to radiation biophysics, structure of DNA and its relationship to carcinogenesis, stochastic nature of radiation interaction with matter, radiation chemistry, cell survival curves, radiation damage models, DNA damage response.**Credit hours:** 3**Contact hours:** Lecture: 3 Contact: 3**Levels:** Graduate**Schedule types:** Lecture**Department/School:** Physics**PHYS 5593 Physics of Radiation Therapy****Prerequisites:** PHYS 5533 or consent of instructor.**Description:** Overview of radiation therapy, dosimetry in radiation therapy, megavoltage x-ray and electron therapy, manual treatment planning, computer-based treatment planning, brachytherapy, proton therapy.**Credit hours:** 3**Contact hours:** Lecture: 3 Contact: 3**Levels:** Graduate**Schedule types:** Lecture**Department/School:** Physics**PHYS 5613 Quantum Mechanics I****Prerequisites:** PHYS 5453.**Description:** Postulates of quantum mechanics. Operators, commutation relations, eigenfunctions. Schrodinger, Heisenberg and interaction formalisms, angular momentum and central field problems; nondegenerate perturbation theory.**Credit hours:** 3**Contact hours:** Lecture: 3 Contact: 3**Levels:** Graduate**Schedule types:** Lecture**Department/School:** Physics**PHYS 5663 Solid State Physics I****Prerequisites:** PHYS 4513.**Description:** Crystal structure, cohesive energy of ionic crystals and metals, specific heats, free electron theory of metals, band theory, Brillouin zones, insulators and alloys; magnetic properties, optical properties and thermal and electrical conductivity of solids.**Credit hours:** 3**Contact hours:** Lecture: 3 Contact: 3**Levels:** Graduate**Schedule types:** Lecture**Department/School:** Physics

**PHYS 5713 Solid State Physics II****Prerequisites:** PHYS 5663 or equivalent.**Description:** Symmetry, dielectric properties, ferroelectrics, magnetic properties, mechanical properties, and defects of solids.**Credit hours:** 3**Contact hours:** Lecture: 3 Contact: 3**Levels:** Graduate**Schedule types:** Lecture**Department/School:** Physics**PHYS 5813 General Relativity****Prerequisites:** PHYS 5453 or consent of instructor.**Description:** Theory and applications of general relativity: the principle of equivalence, general coordinate invariance, tensors, affine connections, Einstein's field equations, classic tests, application to stellar dynamics, black holes, and cosmology.**Credit hours:** 3**Contact hours:** Lecture: 3 Contact: 3**Levels:** Graduate**Schedule types:** Lecture**Department/School:** Physics**PHYS 5960 Problems in Chemical Physics****Prerequisites:** Consent of instructor.**Description:** Intermolecular forces, interaction of radiation with matter in bulk form, dielectric properties of matter, polymer physics and quantum theory of biopolymers. Offered for variable credit, 3-6 credit hours, maximum of 6 credit hours.**Credit hours:** 3-6**Contact hours:** Contact: 3-6 Other: 3-6**Levels:** Graduate**Schedule types:** Independent Study**Department/School:** Physics**PHYS 6000 Doctoral Dissertation Research****Prerequisites:** Admission to candidacy and permission of major professor.**Description:** Offered for variable credit, 1-15 credit hours, maximum of 60 credit hours.**Credit hours:** 1-15**Contact hours:** Contact: 1-15 Other: 1-15**Levels:** Graduate**Schedule types:** Independent Study**Department/School:** Physics**PHYS 6010 Advanced Graduate Seminar****Prerequisites:** Consent of instructor.**Description:** Special topics of an advanced nature in physics. Offered for variable credit, 1-3 credit hours, maximum of 15 credit hours.**Credit hours:** 1-3**Contact hours:** Contact: 1-3 Other: 1-3**Levels:** Graduate**Schedule types:** Independent Study**Department/School:** Physics**PHYS 6113 Advanced Theory of Solids****Prerequisites:** PHYS 5663.**Description:** Many-body techniques, transport processes, band theoretical techniques, superconductivity, dynamics of electrons in a magnetic field, and alloys.**Credit hours:** 3**Contact hours:** Lecture: 3 Contact: 3**Levels:** Graduate**Schedule types:** Lecture**Department/School:** Physics**PHYS 6213 Group Theory for Physics****Prerequisites:** PHYS 5453.**Description:** Group theory and imperfections in crystals. Dislocation theory and color centers.**Credit hours:** 3**Contact hours:** Lecture: 3 Contact: 3**Levels:** Graduate**Schedule types:** Lecture**Department/School:** Physics**PHYS 6243 Semiconductors I****Prerequisites:** PHYS 5113, PHYS 5613, PHYS 5663.**Description:** The first part of a survey of the physics of semi-conductors. Bonding and structure, crystal growth, epitaxial growth, band theory, phonons, photons, defects, intrinsic and extrinsic statistics, trapping and recombination.**Credit hours:** 3**Contact hours:** Lecture: 3 Contact: 3**Levels:** Graduate**Schedule types:** Lecture**Department/School:** Physics**PHYS 6260 Special Topics in High Energy Physics****Prerequisites:** PHYS 5263 or consent of instructor.**Description:** Advanced topics of current interest in high-energy physics: collider physics, supersymmetry, unification, flavor physics, string phenomenology, extra dimensions. Offered for variable credit, 1-3 credit hours, maximum of 9 credit hours.**Credit hours:** 1-3**Contact hours:** Contact: 1-3 Other: 1-3**Levels:** Graduate**Schedule types:** Independent Study**Department/School:** Physics**PHYS 6313 Quantum Mechanics II****Prerequisites:** PHYS 5613.**Description:** Scattering theory, many-particle quantum mechanics and application to atomic and molecular systems; degenerate and time-dependent perturbation theory.**Credit hours:** 3**Contact hours:** Lecture: 3 Contact: 3**Levels:** Graduate**Schedule types:** Lecture**Department/School:** Physics**PHYS 6323 Quantum Field Theory****Prerequisites:** PHYS 6313 or consent of instructor.**Description:** Relativistic Quantum Mechanics: Klein-Gordon field, path integral formulation of Quantum Mechanics, Feynman diagrams, Quantum Electrodynamics, relativistic scattering radiative corrections, renormalization and critical exponents, non-Abelian gauge theories, spontaneous symmetry breaking.**Credit hours:** 3**Contact hours:** Lecture: 3 Contact: 3**Levels:** Graduate**Schedule types:** Lecture**Department/School:** Physics

**PHYS 6343 Semiconductors II****Prerequisites:** PHYS 6243.**Description:** The second part of the semiconductors sequence. Transport phenomena, junctions, devices, heterostructures, and optical properties.**Credit hours:** 3**Contact hours:** Lecture: 3 Contact: 3**Levels:** Graduate**Schedule types:** Lecture**Department/School:** Physics**PHYS 6413 Nonlinear Optics****Prerequisites:** PHYS 5163, PHYS 5313, and PHYS 5613.**Description:** The response of matter at high radiation powers; nonlinear susceptibilities. Wave propagation in nonlinear medium; three wave and four wave interactions; saturated absorption, optical switching and limiting; two photon and stimulated Raman processes; Self focusing; solitons.**Credit hours:** 3**Contact hours:** Lecture: 3 Contact: 3**Levels:** Graduate**Schedule types:** Lecture**Department/School:** Physics**PHYS 6423 Quantum Optics****Prerequisites:** PHYS 5163, PHYS 5613 or consent of instructor.**Description:** Quantization of Electromagnetic Fields, coherence, quantum entanglement, parametric down conversion, two photon interferometry, Bell's inequalities, quantum teleportation and cryptography, cavity QED.**Credit hours:** 3**Contact hours:** Lecture: 3 Contact: 3**Levels:** Graduate**Schedule types:** Lecture**Department/School:** Physics**PHYS 6513 Advanced Topics in Solid State Physics****Prerequisites:** PHYS 5663 or equivalent.**Description:** Interaction of radiation and matter, neutron scattering, phase transitions, magnetic resonance and cooperative phenomena.**Credit hours:** 3**Contact hours:** Lecture: 3 Contact: 3**Levels:** Graduate**Schedule types:** Lecture**Department/School:** Physics**PHYS 6613 Advanced Nuclear and Particle Physics****Prerequisites:** PHYS 5263, PHYS 6313; or consent of instructor.**Description:** Renormalization of quantum field theories, spontaneous symmetry breaking, Standard model, flavor physics, grand unification, super-symmetry.**Credit hours:** 3**Contact hours:** Lecture: 3 Contact: 3**Levels:** Graduate**Schedule types:** Lecture**Department/School:** Physics**PHYS 6713 Advanced Electromagnetic Radiation****Prerequisites:** Consent of instructor.**Description:** Radiation theory, wave guides, scattering and dispersion relations; relativity.**Credit hours:** 3**Contact hours:** Lecture: 3 Contact: 3**Levels:** Graduate**Schedule types:** Lecture**Department/School:** Physics**PHYS 6803 Photonics I: Advanced Optics****Prerequisites:** ECEN 3213 or ECEN 3813.**Description:** Advanced optics including spectral and time characteristics of detectors, characteristics of lasers, time, spectral and spatial parameters of laser emission, interferometric techniques, and nonlinear effects such as two-photon absorption and second and third harmonic generations. Ultrashort laser pulses. Same course as CHEM 6803 & ECEN 6803. Offered for fixed credit, 3 credit hours, maximum of 9 credit hours.**Credit hours:** 3**Contact hours:** Lecture: 3 Contact: 3**Levels:** Graduate**Schedule types:** Lecture**Department/School:** Physics**PHYS 6810 Photonics II: THz Photonics and THz-TDS****Prerequisites:** PHYS 6803.**Description:** THz photonics and THz time-domain spectroscopy (THz-TDS). Concepts and techniques of driving electronic circuitry with ultrashort laser pulses to generate and detect freely propagating pulses of THz electromagnetic radiation using several operational research systems. Same course as CHEM 6810 & ECEN 6810. Previously offered as PHYS 6811. Offered for fixed credit, 1 credit hour, maximum of 4 credit hours.**Credit hours:** 1**Contact hours:** Lab: 2 Contact: 2**Levels:** Graduate**Schedule types:** Lab**Department/School:** Physics**PHYS 6820 Photonics II: Spectroscopy II****Prerequisites:** PHYS 6803.**Description:** Operating principles and applications of laser spectroscopy of atoms, molecules, solids and complex fluids. Absorption, emission, photon correlation, coherence, time resolved Fourier transform. Raman spectroscopy and non-linear optical. Same course as CHEM 6820 & ECEN 6820. Offered for fixed credit, 1 credit hour, maximum of 4 credit hours.**Credit hours:** 1**Contact hours:** Lab: 2 Contact: 2**Levels:** Graduate**Schedule types:** Lab**Department/School:** Physics**PHYS 6830 Photonics II: Spectroscopy III****Prerequisites:** PHYS 6803.**Description:** Advanced spectroscopic instruments and methods used for investigation of semi-conductors and solid state material. Stimulated emission characterized both in wavelength and in time. Time-resolved fluorescence measurements. Multiphotonic excitations. Fast measuring techniques including subnanosecond detectors, picosecond streak cameras, and ultrafast four-wave mixing and correlation techniques. Time-dependent photoconductivity measurements. Same course as CHEM 6830 & ECEN 6830. Previously offered as PHYS 6831. Offered for fixed credit, 1 credit hour, maximum of 4 credit hours.**Credit hours:** 1**Contact hours:** Lab: 2 Contact: 2**Levels:** Graduate**Schedule types:** Lab**Department/School:** Physics



**PHYS 6840 Photonics III: Microscopy I****Prerequisites:** CHEM 3553 or consent of instructor.**Description:** The structure and imaging of solid surfaces. Basics of scanning probe microscopy (SPM). Contact and noncontact atomic force microscopy (AFM). Scanning tunneling microscopy (STM) in air. Same course as CHEM 6840 & ECEN 6840. Previously offered as PHYS 6841. Offered for fixed credit, 1 credit hour, maximum of 4 credit hours.**Credit hours:** 1**Contact hours:** Lab: 2 Contact: 2**Levels:** Graduate**Schedule types:** Lab**Department/School:** Physics**PHYS 6850 Photonics III: Microscopy II****Prerequisites:** PHYS 3553 or consent of instructor.**Description:** Advanced techniques of scanning probe microscopy (SPM). Magnetic force microscopy, Kelvin force microscopy, scanning, tunneling microscopy (STM) in vacuum. Characterization of materials with SPM. Nanolithography with SPM. Device manufacturing and analysis. Same course as CHEM 6850 & ECEN 6850. Previously offered as PHYS 6851. Offered for fixed credit, 1 credit hour, maximum of 4 credit hours.**Credit hours:** 1**Contact hours:** Lab: 2 Contact: 2**Levels:** Graduate**Schedule types:** Lab**Department/School:** Physics**PHYS 6860 Photonics III: Microscopy III and Image Processing****Prerequisites:** ECEN 5793.**Description:** Digital image processing, including projects. Image acquisition and display, image enhancement, geometric operations, linear and nonlinear filtering, image restoration, edge detection, image analysis, morphology, segmentation, recognition, and coding and compression. Same course as CHEM 6860 & ECEN 6860. Previously offered as PHYS 6861. Offered for fixed credit, 1 credit hour, maximum of 4 credit hours.**Credit hours:** 1**Contact hours:** Lab: 2 Contact: 2**Levels:** Graduate**Schedule types:** Lab**Department/School:** Physics**PHYS 6870 Photonics IV: Synthesis and Devices I****Prerequisites:** PHYS 6803 and PHYS 6840.**Description:** Preparation of functional nanostructures and related optical and electronic devices. Physical and chemical methods of thin film deposition. Engineering of prototypes of light emitting diodes, sensors, optical limiting coatings, lithographic patterns. Same course as CHEM 6870 & ECEN 6870. Previously offered as PHYS 6871. Offered for fixed credit, 1 credit hour, maximum of 4 credit hours.**Credit hours:** 1**Contact hours:** Lab: 2 Contact: 2**Levels:** Graduate**Schedule types:** Lab**Department/School:** Physics**PHYS 6880 Photonics IV: Semiconductor Devices, Testing and Characterization****Prerequisites:** PHYS 6803.**Description:** Test and characterization of semiconductor and optoelectronic devices. Hall effect, four point probe, CV and IV measurements, optical pump-probe, photoluminescence, and electro-optics sampling. Same course as CHEM 6880 & ECEN 6880. Previously offered as PHYS 6881. Offered for fixed credit, 1 credit hour, maximum of 4 credit hours.**Credit hours:** 1**Contact hours:** Lab: 2 Contact: 2**Levels:** Graduate**Schedule types:** Lab**Department/School:** Physics**PHYS 6890 Photonics IV: Semiconductor Synthesis and Devices III****Prerequisites:** PHYS 6803.**Description:** Processing, fabrication and characterization of semiconductor optoelectronic devices in class 100/10000 cleanrooms. Cleanroom operation including general procedure for material processing and device fabrication. Device processing using a variety of processing such as mask aligner, vacuum evaporators and rapid thermal annealer. Testing using optical and electrical testing apparatus such as I-V, C-V Hall, and optical spectral measurement systems. Same course as CHEM 6890 & ECEN 6890. Previously offered as PHYS 6891. Offered for fixed credit, 1 credit hour, maximum of 4 credit hours.**Credit hours:** 1**Contact hours:** Lab: 2 Contact: 2**Levels:** Graduate**Schedule types:** Lab**Department/School:** Physics

## Undergraduate Programs

- Physics, BS (p. 1629)
- Physics: Applied Physics, BS (p. 1632)
- Physics: Secondary Teacher Certification, BS (p. 1635)

## Graduate Programs

### Prerequisites

Thirty semester hours of physics beyond the elementary course work and mathematics courses through advanced calculus and differential equations are normally required.

## The Master of Science Degree

Students can choose between a thesis or non-thesis plan. For both plans, the required courses are the following:

Code	Title	Hours
PHYS 5113	Statistical Thermodynamics and Kinetic Theory	3
PHYS 5313	Electromagnetic Theory	3
PHYS 5413	Classical Mechanics	3
PHYS 5453	Mathematical Methods for Physicists	3
PHYS 5613	Quantum Mechanics I	3

The thesis plan requires the successful completion of 30 semester credit hours beyond the BS, which include the required courses; nine semester credit hours of electives in physics, mathematics or an allied field; and the submission of an acceptable thesis along with six credit hours of



PHYS 5000 Master's Thesis Research or Report. The thesis is to be based on original and independent research, on a topic chosen in consultation with the student's advisor. The student must successfully defend the thesis in an oral examination. The non-thesis plan requires 32 semester credit hours beyond the BS degree, including the required courses; fifteen hours of electives (with up to nine credit hours of senior level courses); and two credit hours of library research (PHYS 5000 Master's Thesis Research or Report) on a topic chosen in consultation with the student's advisor. A completed written report based on the library research must be orally presented to the student's advisory committee. For both plans, the electives must be chosen in consultation with the student's advisory committee.

Also available at the MS level is an option in optics and photonics, in association with the School of Electrical and Computer Engineering. Students may pursue one of two plans, both of which require 24 credit hours of coursework with at least one course taken outside the student's specialization. Beyond this, the first plan (30 credit hours) requires an additional six hours of research and a successful defense of a thesis. The second plan (32 credit hours) requires an additional six hours of coursework and a two-credit-hour report.

## The Doctor of Philosophy Degree

The following physics courses are required:

Code	Title	Hours
PHYS 5113	Statistical Thermodynamics and Kinetic Theory	3
PHYS 5213	Statistical Mechanics	3
PHYS 5313	Electromagnetic Theory	3
PHYS 5413	Classical Mechanics	3
PHYS 5453	Mathematical Methods for Physicists	3
PHYS 5613	Quantum Mechanics I	3
PHYS 6313	Quantum Mechanics II	3

Three additional PHYS prefix courses at the 5000- or 6000-level, including at least one course not in the student's specialization, must be completed. Additional courses reflecting the candidate's specialization may be required by the advisory committee. Seventy-two (72) semester hours of credit beyond the bachelor's degree, or sixty semester hours of credit beyond the master's degree are required. A minimum of two-thirds of the graduate course credits must be in physics. No more than six credit hours of eligible physics coursework at the 4000-level can be counted toward graduate credit and no more than 12 total credit hours of eligible coursework in all subjects at the 3000- or 4000-level can be counted toward graduate credit. Courses taken at another institution will be evaluated by a faculty committee to determine whether they satisfy any requirements.

A Photonics PhD program shared with the Electrical and Computer Engineering Department is also available, with Physics as the home department. Details of the multidisciplinary photonics PhD program are found in the "Graduate College (p. 2766)" section of the Catalog.

The most important single requirement for the PhD in physics is the presentation of an acceptable dissertation which represents original research work by the student and which demonstrates the student's ability to do independent study as well as to plan and carry out future research in his or her field. Full information on graduate programs in the Department of Physics is available from the Graduate Coordinator

or from the department website at [physics.okstate.edu](https://physics.okstate.edu) (<https://physics.okstate.edu/>).

## Minors

- Physics (PHYS), Minor (p. 1628)

## Faculty

Flera Rizatdinova, PhD—Professor and Head

**Regents Professors:** Kaladi Babu, PhD

**Professors:** Donna K. Bandy, PhD; Eric Benton, PhD; Alexander Khanov, PhD; Yingmei Liu, PhD (Noble Chair); David McIlroy, PhD; Al Rosenberger, PhD; Aihua Xie, PhD

**Associate Professors:** Mario Borunda, PhD; Joseph Haley, PhD; Donghua Zhou, PhD

**Assistant Professors:** Thomas Bilitewski, PhD; Dorival Goncalves-Netto, PhD; Mayukh Lahiri, PhD; Derek Meyers, PhD; Andrew Yost, PhD

**Teaching Assistant Professor:** Kim Zoldak, PhD

**Emeriti Professors:** Bruce Ackerson, PhD; Robert Hauenstein, PhD; Joel J. Martin, PhD; Stephen W.S. McKeever, PhD (Regents Professor); John W. Mintmire, PhD (Regents Professor); Satya Nandi, PhD (Regents Professor); Jacques H.H. Perk, PhD; Peter M.A. Sherwood, PhD (Regents Professor); Peter O. Shull, PhD; James P. Wicksted, PhD

## Physics (PHYS), Minor

**Requirements for Students Matriculating in or before Academic Year 2022-2023.** Learn more about University Academic Regulation 3.1 (p. 943).

Sheri Orr, 404 NRC, 405-744-3729

**Minimum Grade Point Average in Minor Coursework:** 2.00

**Total Hours:** 20

Code	Title	Hours
<b>Minor Requirements</b>		
PHYS 2014	University Physics I (LN)	4
PHYS 2114	University Physics II (LN)	4
PHYS 2203	University Physics III	3
Select 9 hours of upper-division PHYS or ASTR <sup>1</sup>		9
<b>Total Hours</b>		<b>20</b>

<sup>1</sup> No more than 3 hours upper-division ASTR may apply

## Additional OSU Requirements

### Undergraduate Minors

- An undergraduate minor must include between fifteen and thirty hours, inclusive of undergraduate coursework.
- A minimum of six credit hours for the minor must be earned in residence at OSU.
- The courses required for a minor may be included in the course requirements for any undergraduate degree or they may be in addition to degree requirements, depending on the overlap between the minor and degree requirements. However, an undergraduate minor must be earned in an academic field other than the student's declared degree option. The minor may not duplicate the degree major or option (for example, a student who earns a BA in Art with an Art History option may earn a minor in Studio Art but not Art History).
- A student generally follows the minor requirements associated with his or her matriculation year or newer requirements that have been established since matriculation. The time limit for following requirements from a given academic year is six years.

For additional information on requirements on minors, click here (<https://adminfinance.okstate.edu/site-files/documents/policies/requirements-for-undergraduate-and-graduate-minors.pdf>).

# Physics, BS

## Degree Requirements

**Requirements for Students Matriculating in or before Academic Year 2022-2023.** Learn more about University Academic Regulation 3.1 (p. 943).

**Minimum Overall Grade Point Average:** 2.00

**Total Hours:** 120

Code	Title	Hours
<b>General Education Requirements</b>		
<i>English Composition</i>		
See Academic Regulation 3.5 (p. 944)		
ENGL 1113	Composition I	3
or ENGL 1313	Critical Analysis and Writing I	
Select one of the following:		3
ENGL 1213	Composition II	
ENGL 1413	Critical Analysis and Writing II	
ENGL 3323	Technical Writing	
<i>American History &amp; Government</i>		
HIST 1103	Survey of American History	3
or HIST 1483	American History to 1865 (H)	
or HIST 1493	American History Since 1865 (DH)	
POLS 1113	American Government	3
<i>Analytical &amp; Quantitative Thought (A)</i>		
MATH 2144	Calculus I (A) <sup>1</sup>	4
MATH 2153	Calculus II (A) <sup>1</sup>	3
<i>Humanities (H)</i>		
Courses designated (H)		6
<i>Natural Sciences (N)</i>		
Must include one Laboratory Science (L) course		
CHEM 1314	Chemistry I (LN) <sup>1</sup>	4
Course designated (N)		2
<i>Social &amp; Behavioral Sciences (S)</i>		
Courses designated (S)		3
<i>Additional General Education</i>		
Courses designated (A), (H), (N), or (S)		6
<b>Hours Subtotal</b>		<b>40</b>
<b>Diversity (D) &amp; International Dimension (I)</b>		
May be completed in any part of the degree plan		
Select at least one Diversity (D) course		
Select at least one International Dimension (I) course		
<b>College/Departmental Requirements</b>		
<i>First Year Seminar</i>		
(Transfer students with 15 hours exempt)		1
<i>Arts &amp; Humanities</i>		
See note 2.a.		3
<i>Natural &amp; Mathematical Sciences</i>		
CHEM 1515	Chemistry II (LN)	5
PHYS 2014	University Physics I (LN)	4
<i>Foreign Language</i>		
0-6 hours. See note 3		

### Upper-Division General Education

Select 6 hours outside major department. See note 2.c.

**Hours Subtotal** 13

### Major Requirements

Minimum GPA 2.00 with a minimum grade of "C" in each course

#### Core Requirements

PHYS 2114	University Physics II (LN)	4
PHYS 2203	University Physics III	3
PHYS 3013	Mechanics I	3
PHYS 3323	Modern Laboratory Methods I	3
PHYS 3513	Mathematical Physics	3
PHYS 3623	Modern Laboratory Methods II	3
PHYS 3713	Modern Physics	3
PHYS 4113	Electricity and Magnetism	3
PHYS 4513	Introductory Quantum Mechanics	3
PHYS 4712	Senior Project	2
PHYS 4813	Electromagnetic Radiation	3
MATH 2163	Calculus III	3
MATH 2233	Differential Equations	3

#### Additional Requirements

Select 9 upper-division hours in Physics 9

Select 6 upper-division hours 6

**Hours Subtotal** 54

### Electives

Select 13 hours 13

May need to include 6 hours of a foreign language (see note 3)

May need to include 6 hours upper-division general education outside major department (see note 2.c.)

MATH 1513 and MATH 1813 required for students who do not place directly into MATH 2144.

Suggested electives: ASTR, CS, and MATH

**Hours Subtotal** 13

**Total Hours** 120

1

College and Departmental Requirements that may be used to meet General Education Requirements.

## Other Requirements

- See the College of Arts and Sciences Requirements.
- **Upper-Division Credit:** Total hours must include at least 40 hours in courses numbered 3000 or above.
- **Hours in One Department:** For B.A. and B.S. degrees, no more than 54 hours in one department may be applied to degree requirements.

## College of Arts and Sciences Requirements

### 1. General Education Requirements

No more than two courses (or eight hours) from the major department (<http://catalog.okstate.edu/college-arts-sciences-major-departments/>) may be used to meet General Education and College and Departmental Requirements. The General Education required English Composition, required U.S. History, required American Government, one required MATH or STAT course, and required foreign

language for B.A. degrees do not count against the two-course maximum.

## 2. A&S College/Departmental Requirements

- Arts and Humanities are defined as any course carrying an (H) designation or courses from AMST, ART, DANC, ENGL (except ENGL 3323 Technical Writing) HIST, MUSI, PHIL (except PHIL 1313 Logic and Critical Thinking (A), PHIL 3003 Symbolic Logic (A) and PHIL 4003 Mathematical Logic and Computability), REL, TH, and foreign languages.
- Natural and Mathematical Sciences are defined as any course from the following prefixes: ASTR, BIOC, BIOL, CHEM, CS (except CS 4883 Social Issues in Computing), GEOL, MATH, MICR, PBIO, PHYS, and STAT; or courses from other departments that carry an (A) or (N) general education designation.
- The required six hours of upper-division General Education may not include courses from the student's major department. This requirement may be satisfied by courses also used to satisfy any part of a student's degree program (i.e., in General Education, College Departmental Requirements, Major Requirements or Electives).
- Non-Western Studies Requirement for B.A. and B.F.A.; One 3-hour course in Non-Western Studies (N.W.). This requirement may be satisfied by courses also used to satisfy any part of a student's degree program (i.e., in General Education, College Departmental Requirements, Major Requirements or Electives).
- The College of Arts & Sciences requires a minimum 2.0 GPA in all major requirements and a minimum 2.0 GPA in all major-prefix courses applied to the degree.

## 3. Foreign Language Proficiency

- The foreign language requirement for the B.A. may be satisfied by 9 hours college credit in the same language, which must include 3 hours at the 2000-level, or equivalent proficiency (e.g., passing an advanced standing examination; TOEFL exam; presenting a high school transcript which demonstrates the high school was primarily conducted in a language other than English; etc.). Computer Science courses may not be used to satisfy this requirement. Currently Arabic and Mvskoke are not offered at the 2000-level at OSU.
- The foreign language requirement for the B.S., B.M. and B.F.A. may be satisfied by presenting a high school transcript which demonstrates two years of study of a single foreign language (passing grades at second-year level of study). It may also be satisfied by 6 hours college credit in the same language, which must include language courses 1713 and 1813, or equivalent proficiency (e.g., passing an advanced standing examination; TOEFL exam; presenting a high school transcript which demonstrates the high school was primarily conducted in a language other than English; etc.). Computer Science courses may not be used to satisfy this requirement.
- In addition to a. and b., students pursuing teacher certification must meet novice-high foreign language proficiency by presenting a high school transcript which demonstrates two years of study of a single foreign language with no grade below B. Or, students may complete 3 hours college credit in a single language with no grade below C (or pass an advanced standing examination, College Level Examination Program (CLEP) exam, or Oral Proficiency Interview developed by the American Council on the Teaching of Foreign Languages, equivalent to 3 hours of college credit.) Or, students may meet the requirement by transfer of documentation of meeting the foreign language competency

from one of the teacher education programs in the State of Oklahoma approved by the Oklahoma State Regents for Higher Education.

## 4. Exclusions

- Courses used to satisfy the General Education English Composition, U.S. History, American Government, and Mathematics or Statistics requirements will not count toward the 54-hour maximum allowed from one department.
- Courses with ATHL or LEIS prefixes and leisure activity courses may not be used for degree credit.

## Additional State/OSU Requirements

- At least: 60 hours at a four-year institution; 30 hours completed at OSU; 15 of the final 30 or 50% of the upper-division hours in the major field completed at OSU.
- Limit of: one-half of major course requirements as transfer work; one-fourth of hours earned by correspondence; 8 transfer correspondence hours.
- Students will be held responsible for degree requirements in effect at the time of matriculation and any changes that are made, so long as these changes do not result in semester credit hours being added or do not delay graduation.
- Degrees that follow this plan must be completed by the end of Summer 2028.

## Example Plan of Study

### Finish in Four Plan of Study

The plan below is an **example** of how students can successfully complete degree requirements in four years. This suggested class schedule plan may be used as a guide and can be adjusted based on individual needs. Students are required to meet with an academic adviser prior to enrollment each semester to plan their class schedule, and students are ultimately responsible for completing all degree requirements.

Course	Title	Hours
<b>Freshman</b>		
<b>Fall</b>		
CHEM 1314	Chemistry I (LN)	4
MATH 2144	Calculus I (A)	4
General Education courses		6
<b>Hours</b>		<b>14</b>
<b>Spring</b>		
MATH 2153	Calculus II (A)	3
PHYS 2014	University Physics I (LN)	4
General Education courses		9
<b>Hours</b>		<b>16</b>
<b>Sophomore</b>		
<b>Fall</b>		
MATH 2163	Calculus III	3
PHYS 2114	University Physics II (LN)	4
General Education courses		9
<b>Hours</b>		<b>16</b>
<b>Spring</b>		
PHYS 2203	University Physics III	3
PHYS 3513	Mathematical Physics	3
MATH 2233	Differential Equations	3
College and Elective courses		6
<b>Hours</b>		<b>15</b>

**Junior****Fall**

PHYS 3013	Mechanics I	3
PHYS 3713	Modern Physics	3
PHYS 4113	Electricity and Magnetism	3
MATH 3013	Linear Algebra (A)	3
Major, College, and Elective courses		3

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<b>Hours</b>	<b>15</b>
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**Spring**

Major, College, and Elective courses		15
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<b>Hours</b>	<b>15</b>
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**Senior****Fall**

PHYS 3323	Modern Laboratory Methods I	3
Major, College, and Elective courses		12

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<b>Hours</b>	<b>15</b>
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**Spring**

PHYS 3623	Modern Laboratory Methods II	3
PHYS 4712	Senior Project	2
Major, College, and Elective courses		9

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<b>Hours</b>	<b>14</b>
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<b>Total Hours</b>	<b>120</b>
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1

Speak with academic advisor about saving General Education electives and Humanities (H) for Upper-division courses with International (I) and Diversity (D) dimensions.

## Physics: Applied Physics, BS

### Degree Requirements

**Requirements for Students Matriculating in or before Academic Year 2022-2023.** Learn more about University Academic Regulation 3.1 (p. 943).

**Minimum Overall Grade Point Average:** 2.00

**Total Hours:** 120

Code	Title	Hours
<b>General Education Requirements</b>		
<i>English Composition</i>		
See Academic Regulation 3.5 (p. 944)		
ENGL 1113	Composition I	3
or ENGL 1313	Critical Analysis and Writing I	
Select one of the following:		3
ENGL 1213	Composition II	
ENGL 1413	Critical Analysis and Writing II	
ENGL 3323	Technical Writing	
<i>American History &amp; Government</i>		
HIST 1103	Survey of American History	3
or HIST 1483	American History to 1865 (H)	
or HIST 1493	American History Since 1865 (DH)	
POLS 1113	American Government	3
<i>Analytical &amp; Quantitative Thought (A)</i>		
MATH 2144	Calculus I (A) <sup>1</sup>	4
MATH 2153	Calculus II (A) <sup>1</sup>	3
<i>Humanities (H)</i>		
Courses designated (H)		6
<i>Natural Sciences (N)</i>		
Must include one Laboratory Science (L) course		
CHEM 1314	Chemistry I (LN) <sup>1</sup>	4
Course designated (N)		2
<i>Social &amp; Behavioral Sciences (S)</i>		
Courses designated (S)		3
<i>Additional General Education</i>		
Courses designated (A), (H), (N), or (S)		6
<b>Hours Subtotal</b>		<b>40</b>
<b>Diversity (D) &amp; International Dimension (I)</b>		
May be completed in any part of the degree plan		
Select at least one Diversity (D) course		
Select at least one International Dimension (I) course		
<b>College/Departmental Requirements</b>		
<i>First Year Seminar</i>		
(Transfer students with 15 hours exempt)		1
<i>Arts &amp; Humanities</i>		
See note 2.a.		3
<i>Natural &amp; Mathematical Sciences</i>		
CHEM 1515	Chemistry II (LN)	5
PHYS 2014	University Physics I (LN)	4
<i>Foreign Language</i>		
0-6 hours. See note 3.		

#### Upper-Division General Education

Select 6 hours outside major department. See note 2.c.

**Hours Subtotal** **13**

#### Major Requirements

Minimum GPA 2.00 with a minimum grade of "C" in each course

#### Core Requirements

PHYS 2114	University Physics II (LN)	4
PHYS 2203	University Physics III	3
PHYS 3013	Mechanics I	3
PHYS 3323	Modern Laboratory Methods I	3
PHYS 3513	Mathematical Physics	3
PHYS 3623	Modern Laboratory Methods II	3
PHYS 3713	Modern Physics	3
PHYS 4113	Electricity and Magnetism	3
MATH 2163	Calculus III	3
MATH 2233	Differential Equations	3

#### Additional Requirements

Select 9 upper-division hours in in any one academic department <sup>2</sup>

Select 9 upper-division hours <sup>2</sup>

**Hours Subtotal** **49**

#### Electives

Select 18 hours <sup>2</sup>

May need to include 6 hours of a foreign language (see note 3)

May need to include 6 hours upper-division general education outside major department (see note 2.c.).

MATH 1513 and MATH 1813 required for students who do not place directly into MATH 2144.

Suggested electives: ASTR, CS, and MATH

**Hours Subtotal** **18**

**Total Hours** **120**

1

College and Departmental Requirements that may be used to meet General Education Requirements.

2

With approval from the advisor and department head, a maximum of 30 hours from an accredited doctoral health program may be used for these 18 hours and up to 12 hours of electives.

### Other Requirements

- See the College of Arts and Sciences Requirements.
- **Upper-Division Credit:** Total hours must include at least 40 hours in courses numbered 3000 or above.
- **Hours in One Department:** For B.A. and B.S. degrees, no more than 54 hours in one department may be applied to degree requirements.

### College of Arts and Sciences Requirements

#### 1. General Education Requirements

No more than two courses (or eight hours) from the major department (<http://catalog.okstate.edu/college-arts-sciences-major-departments/>) may be used to meet General Education and College and Departmental Requirements. The General Education required



English Composition, required U.S. History, required American Government, one required MATH or STAT course, and required foreign language for B.A. degrees do not count against the two-course maximum.

## 2. A&S College/Departmental Requirements

- Arts and Humanities are defined as any course carrying an (H) designation or courses from AMST, ART, DANC, ENGL (except ENGL 3323 Technical Writing) HIST, MUSI, PHIL (except PHIL 1313 Logic and Critical Thinking (A), PHIL 3003 Symbolic Logic (A) and PHIL 4003 Mathematical Logic and Computability), REL, TH, and foreign languages.
- Natural and Mathematical Sciences are defined as any course from the following prefixes: ASTR, BIOC, BIOL, CHEM, CS (except CS 4883 Social Issues in Computing), GEOL, MATH, MICR, PBIO, PHYS, and STAT; or courses from other departments that carry an (A) or (N) general education designation.
- The required six hours of upper-division General Education may not include courses from the student's major department. This requirement may be satisfied by courses also used to satisfy any part of a student's degree program (i.e., in General Education, College Departmental Requirements, Major Requirements or Electives).
- Non-Western Studies Requirement for B.A. and B.F.A.; One 3-hour course in Non-Western Studies (N.W.). This requirement may be satisfied by courses also used to satisfy any part of a student's degree program (i.e., in General Education, College Departmental Requirements, Major Requirements or Electives).
- The College of Arts & Sciences requires a minimum 2.0 GPA in all major requirements and a minimum 2.0 GPA in all major-prefix courses applied to the degree.

## 3. Foreign Language Proficiency

- The foreign language requirement for the B.A. may be satisfied by 9 hours college credit in the same language, which must include 3 hours at the 2000-level, or equivalent proficiency (e.g., passing an advanced standing examination; TOEFL exam; presenting a high school transcript which demonstrates the high school was primarily conducted in a language other than English; etc.). Computer Science courses may not be used to satisfy this requirement. Currently Arabic and Mvskoke are not offered at the 2000-level at OSU.
- The foreign language requirement for the B.S., B.M. and B.F.A. may be satisfied by presenting a high school transcript which demonstrates two years of study of a single foreign language (passing grades at second-year level of study). It may also be satisfied by 6 hours college credit in the same language, which must include language courses 1713 and 1813, or equivalent proficiency (e.g., passing an advanced standing examination; TOEFL exam; presenting a high school transcript which demonstrates the high school was primarily conducted in a language other than English; etc.). Computer Science courses may not be used to satisfy this requirement.
- In addition to a. and b., students pursuing teacher certification must meet novice-high foreign language proficiency by presenting a high school transcript which demonstrates two years of study of a single foreign language with no grade below B. Or, students may complete 3 hours college credit in a single language with no grade below C (or pass an advanced standing examination, College Level Examination Program (CLEP) exam, or Oral Proficiency Interview developed by the American Council on the Teaching of Foreign Languages, equivalent to 3 hours of

college credit.) Or, students may meet the requirement by transfer of documentation of meeting the foreign language competency from one of the teacher education programs in the State of Oklahoma approved by the Oklahoma State Regents for Higher Education.

## 4. Exclusions

- Courses used to satisfy the General Education English Composition, U.S. History, American Government, and Mathematics or Statistics requirements will not count toward the 54-hour maximum allowed from one department.
- Courses with ATHL or LEIS prefixes and leisure activity courses may not be used for degree credit.

## Additional State/OSU Requirements

- At least: 60 hours at a four-year institution; 30 hours completed at OSU; 15 of the final 30 or 50% of the upper-division hours in the major field completed at OSU.
- Limit of: one-half of major course requirements as transfer work; one-fourth of hours earned by correspondence; 8 transfer correspondence hours.
- Students will be held responsible for degree requirements in effect at the time of matriculation and any changes that are made, so long as these changes do not result in semester credit hours being added or do not delay graduation.
- Degrees that follow this plan must be completed by the end of Summer 2028.

## Example Plan of Study

### Finish in Four Plan of Study

The plan below is an **example** of how students can successfully complete degree requirements in four years. This suggested class schedule plan may be used as a guide and can be adjusted based on individual needs. Students are required to meet with an academic advisor prior to enrollment each semester to plan their class schedule, and students are ultimately responsible for completing all degree requirements.

Course	Title	Hours
<b>Freshman</b>		
<b>Fall</b>		
CHEM 1314	Chemistry I (LN)	4
MATH 2144	Calculus I (A)	4
General Education courses		6
		<b>Hours</b>
		<b>14</b>
<b>Spring</b>		
CHEM 1515	Chemistry II (LN)	5
MATH 2153	Calculus II (A)	3
PHYS 2014	University Physics I (LN)	4
General Education courses		3
		<b>Hours</b>
		<b>15</b>
<b>Sophomore</b>		
<b>Fall</b>		
MATH 2163	Calculus III	3
PHYS 2114	University Physics II (LN)	4
General Education courses		9
		<b>Hours</b>
		<b>16</b>
<b>Spring</b>		
PHYS 2203	University Physics III	3
PHYS 3513	Mathematical Physics	3
MATH 2233	Differential Equations	3

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College and Elective courses		6
<b>Hours</b>		<b>15</b>
<b>Junior</b>		
<b>Fall</b>		
PHYS 3013	Mechanics I	3
PHYS 3713	Modern Physics	3
PHYS 4113	Electricity and Magnetism	3
Major, College, and Elective courses		6
<b>Hours</b>		<b>15</b>
<b>Spring</b>		
Major, College, and Elective courses		15
<b>Hours</b>		<b>15</b>
<b>Senior</b>		
<b>Fall</b>		
PHYS 3323	Modern Laboratory Methods I	3
Major, College, and Elective courses		12
<b>Hours</b>		<b>15</b>
<b>Spring</b>		
PHYS 3623	Modern Laboratory Methods II	3
Major, College, and Elective courses		12
<b>Hours</b>		<b>15</b>
<b>Total Hours</b>		<b>120</b>

# Physics: Secondary Teacher Certification, BS

## Degree Requirements

Requirements for Students Matriculating in or before Academic Year 2022-2023. Learn more about University Academic Regulation 3.1 (p. 943).

Minimum Overall Grade Point Average: 2.50

Total Hours: 120

Code	Title	Hours
<b>General Education Requirements</b>		
<i>English Composition</i>		
See Academic Regulation 3.5 (p. 944)		
ENGL 1113	Composition I	3
or ENGL 1313	Critical Analysis and Writing I	
Select one of the following:		3
ENGL 1213	Composition II	
ENGL 1413	Critical Analysis and Writing II	
ENGL 3323	Technical Writing	
<i>American History &amp; Government</i>		
HIST 1103	Survey of American History	3
or HIST 1483	American History to 1865 (H)	
or HIST 1493	American History Since 1865 (DH)	
POLS 1113	American Government	3
<i>Analytical &amp; Quantitative Thought (A)</i>		
MATH 2144	Calculus I (A) <sup>1,2</sup>	4
MATH 2153	Calculus II (A) <sup>1,2</sup>	3
<i>Humanities (H)</i>		
PHIL 3933	Creation and Evolution <sup>1</sup>	3
Course designated (H)		3
<i>Natural Sciences (N)</i>		
Must include one Laboratory Science (L) course		
CHEM 1314	Chemistry I (LN) <sup>1,2</sup>	4
PHYS 2014	University Physics I (LN) <sup>1,2</sup>	4
Select four hours from the following:		4
BIOL 1113	Introductory Biology (N)	
& BIOL 1111	and Introductory Biology Laboratory (LN) <sub>1,2</sub>	
BIOL 1114	Introductory Biology (LN) <sup>1,2</sup>	
<i>Social &amp; Behavioral Sciences (S)</i>		
Courses designated (S)		3
<b>Hours Subtotal</b>		<b>40</b>
<b>Diversity (D) &amp; International Dimension (I)</b>		
May be completed in any part of the degree plan		
Select at least one Diversity (D) course		
Select at least one International Dimension (I) course		
<b>College/Departmental Requirements</b>		
<i>First Year Seminar</i>		
(Transfer students with 15 hours exempt)		1
<i>Arts &amp; Humanities</i>		
See note 2.a.		3

### Natural & Mathematical Sciences

CHEM 1515	Chemistry II (LN) <sup>2</sup>	5
PHYS 2114	University Physics II (LN)	4

### Foreign Language

0-6 hours. See note 3.

### Upper-Division General Education

Select 6 hours outside major department. See note 2.c.

<b>Hours Subtotal</b>		<b>13</b>
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### Major Requirements

#### Physics Core

Minimum GPA 2.50 and minimum grade of "C" or "P"

PHYS 2203	University Physics III	3
PHYS 3013	Mechanics I	3
PHYS 3323	Modern Laboratory Methods I	3
PHYS 3513	Mathematical Physics	3
PHYS 3623	Modern Laboratory Methods II	3
PHYS 3713	Modern Physics	3
PHYS 4113	Electricity and Magnetism	3
MATH 2163	Calculus III	3
MATH 2233	Differential Equations	3
STAT 4013	Statistical Methods I (A)	3

#### Additional Requirements:

3 upper-division hours in Physics 3

#### Secondary Education Professional Core

Minimum GPA 2.50 and minimum grade of "C" or "P" in each course

SMED 1012	Inquiry Approaches to Teaching	2
SMED 3013	Knowing and Learning in Mathematics and Science	3
SMED 4013	Classroom Interactions	3
SMED 4023	Problem-Based Learning in Mathematics and Science	3
SMED 4611	Authentic Research in the Science Classroom	1
SMED 4613	Teaching the Nature of Science Through an Inquiry Approach <sup>3</sup>	3
SMED 4713	Teaching and Learning Science in the Secondary School <sup>3</sup>	3
SMED 4723	Senior Seminar in Secondary Mathematics and Science Education <sup>3</sup>	3
SPED 3202	Educating Exceptional Learners (D)	2
CIED 4720	Internship in the Secondary Classroom <sup>3</sup>	6
<b>Hours Subtotal</b>		<b>62</b>

### Electives

Select 5 hours 5

May need to include 6 hours of a foreign language (see note 3)

MATH 1513 and MATH 1813 required for students who do not place directly into MATH 2144.

<b>Hours Subtotal</b>		<b>5</b>
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**Total Hours 120**

1

College and Departmental Requirements that may be used to meet General Education Requirements.

2

Minimum GPA 2.50 and minimum grade of “C” or “P”

3

Full admission to Professional Education required.

## Other Requirements

- See the College of Arts and Sciences Requirements.
- **Upper-Division Credit:** Total hours must include at least 40 hours in courses numbered 3000 or above.
- **Hours in One Department:** For B.A. and B.S. degrees, no more than 54 hours in one department may be applied to degree requirements.

## College of Arts and Sciences Requirements

### 1. General Education Requirements

No more than two courses (or eight hours) from the major department (<http://catalog.okstate.edu/college-arts-sciences-major-departments/>) may be used to meet General Education and College and Departmental Requirements. The General Education required English Composition, required U.S. History, required American Government, one required MATH or STAT course, and required foreign language for B.A. degrees do not count against the two-course maximum.

### 2. A&S College/Departmental Requirements

- Arts and Humanities are defined as any course carrying an (H) designation or courses from AMST, ART, DANC, ENGL (except ENGL 3323 Technical Writing) HIST, MUSI, PHIL (except PHIL 1313 Logic and Critical Thinking (A), PHIL 3003 Symbolic Logic (A) and PHIL 4003 Mathematical Logic and Computability), REL, TH, and foreign languages.
- Natural and Mathematical Sciences are defined as any course from the following prefixes: ASTR, BIOC, BIOL, CHEM, CS (except CS 4883 Social Issues in Computing), GEOL, MATH, MICR, PBIO, PHYS, and STAT; or courses from other departments that carry an (A) or (N) general education designation.
- The required six hours of upper-division General Education may not include courses from the student’s major department. This requirement may be satisfied by courses also used to satisfy any part of a student’s degree program (i.e., in General Education, College Departmental Requirements, Major Requirements or Electives).
- Non-Western Studies Requirement for B.A. and B.F.A.; One 3-hour course in Non-Western Studies (N.W.). This requirement may be satisfied by courses also used to satisfy any part of a student’s degree program (i.e., in General Education, College Departmental Requirements, Major Requirements or Electives).
- The College of Arts & Sciences requires a minimum 2.0 GPA in all major requirements and a minimum 2.0 GPA in all major-prefix courses applied to the degree.

### 3. Foreign Language Proficiency

- The foreign language requirement for the B.A. may be satisfied by 9 hours college credit in the same language, which must include 3 hours at the 2000-level, or equivalent proficiency (e.g., passing an advanced standing examination; TOEFL exam; presenting a high school transcript which demonstrates the high school was primarily conducted in a language other than English; etc.). Computer Science courses may not be used to satisfy this

requirement. Currently Arabic and Mvskoke are not offered at the 2000-level at OSU.

- The foreign language requirement for the B.S., B.M. and B.F.A. may be satisfied by presenting a high school transcript which demonstrates two years of study of a single foreign language (passing grades at second-year level of study). It may also be satisfied by 6 hours college credit in the same language, which must include language courses 1713 and 1813, or equivalent proficiency (e.g., passing an advanced standing examination; TOEFL exam; presenting a high school transcript which demonstrates the high school was primarily conducted in a language other than English; etc.). Computer Science courses may not be used to satisfy this requirement.
- In addition to a. and b., students pursuing teacher certification must meet novice-high foreign language proficiency by presenting a high school transcript which demonstrates two years of study of a single foreign language with no grade below B. Or, students may complete 3 hours college credit in a single language with no grade below C (or pass an advanced standing examination, College Level Examination Program (CLEP) exam, or Oral Proficiency Interview developed by the American Council on the Teaching of Foreign Languages, equivalent to 3 hours of college credit.) Or, students may meet the requirement by transfer of documentation of meeting the foreign language competency from one of the teacher education programs in the State of Oklahoma approved by the Oklahoma State Regents for Higher Education.

### 4. Exclusions

- Courses used to satisfy the General Education English Composition, U.S. History, American Government, and Mathematics or Statistics requirements will not count toward the 54-hour maximum allowed from one department.
- Courses with ATHL or LEIS prefixes and leisure activity courses may not be used for degree credit.

## Additional State/OSU Requirements

- At least: 60 hours at a four-year institution; 30 hours completed at OSU; 15 of the final 30 or 50% of the upper-division hours in the major field completed at OSU.
- Limit of: one-half of major course requirements as transfer work; one-fourth of hours earned by correspondence; 8 transfer correspondence hours.
- Students will be held responsible for degree requirements in effect at the time of matriculation and any changes that are made, so long as these changes do not result in semester credit hours being added or do not delay graduation.
- Degrees that follow this plan must be completed by the end of Summer 2028.

## Example Plan of Study

### Finish in Four Plan of Study

The plan below is an **example** of how students can successfully complete degree requirements in four years. This suggested class schedule plan may be used as a guide and can be adjusted based on individual needs. Students are required to meet with an academic advisor prior to enrollment each semester to plan their class schedule, and students are ultimately responsible for completing all degree requirements.

Course	Title	Hours
<b>Freshman</b>		
<b>Fall</b>		
A&S 1111	A&S First Year Seminar	1
BIOL 1113 & BIOL 1111	Introductory Biology (N) and Introductory Biology Laboratory (LN)	4
CHEM 1314	Chemistry I (LN)	4
MATH 2144	Calculus I (A)	4
SMED 1012	Inquiry Approaches to Teaching	2
<b>Hours</b>		<b>15</b>
<b>Spring</b>		
CHEM 1515	Chemistry II (LN)	5
MATH 2153	Calculus II (A)	3
PHYS 2014	University Physics I (LN)	4
General Education courses		3
<b>Hours</b>		<b>15</b>
<b>Sophomore</b>		
<b>Fall</b>		
MATH 2163	Calculus III	3
PHYS 2114	University Physics II (LN)	4
SPED 3202	Educating Exceptional Learners (D)	2
General Education courses		6
<b>Hours</b>		<b>15</b>
<b>Spring</b>		
MATH 2233	Differential Equations	3
PHYS 2203	University Physics III	3
PHYS 3513	Mathematical Physics	3
SMED 3013	Knowing and Learning in Mathematics and Science	3
College and Elective courses		3
<b>Hours</b>		<b>15</b>
<b>Junior</b>		
<b>Fall</b>		
PHYS 3013	Mechanics I	3
PHYS 3323	Modern Laboratory Methods I	3
PHYS 3713	Modern Physics	3
PHYS 4113	Electricity and Magnetism	3
SMED 4013	Classroom Interactions	3
<b>Hours</b>		<b>15</b>
<b>Spring</b>		
PHYS 3623	Modern Laboratory Methods II	3
SMED 4611	Authentic Research in the Science Classroom	1
SMED 4613	Teaching the Nature of Science Through an Inquiry Approach	3
Major, College, and Elective courses		8
<b>Hours</b>		<b>15</b>
<b>Senior</b>		
<b>Fall</b>		
STAT 4013	Statistical Methods I (A)	3
SMED 4023	Problem-Based Learning in Mathematics and Science	3
SMED 4713	Teaching and Learning Science in the Secondary School	3
Major and Elective courses		6
<b>Hours</b>		<b>15</b>
<b>Spring</b>		
CIED 4720	Internship in the Secondary Classroom	6
SMED 4723	Senior Seminar in Secondary Mathematics and Science Education	3
Major, College, and Elective courses		6
<b>Hours</b>		<b>15</b>
<b>Total Hours</b>		<b>120</b>

## Plant Biology, Ecology, and Evolution

The field of plant biology ranges from molecules to ecosystems. The importance of plants to the ecosystem and to humanity cannot be underestimated. They regulate global processes and form complex relationships with other organisms, and have intriguing patterns of development and diversity. Plants provide medicinal compounds, shelter, fuel, food and oxygen, and support the existence of life on Earth. As human population size increases, the need for more and better supplies of food, fiber and biofuels also increases. The study of plant biology underlies the applied sciences such as agronomy, forestry, natural resource management, horticulture and plant pathology.

To major in plant biology a student should have a strong interest in life sciences with a good background in chemistry and mathematics. Majors with a BS degree may choose to specialize by taking Degree Options in Ecology and Evolutionary Biology, Cell Biology and Molecular Genetics, Pre-Pharmacy, Pre-Law and Environmental Policy, and Pre-Forensics. Graduates with an option in Ecology and Evolutionary Biology are qualified to hold positions in federal and state agencies in areas such as conservation biology, habitat restoration, environmental biology and plant inspection. Graduates with an option in Cell Biology and Molecular Genetics are qualified for various research positions in private industry, such as plant biotechnology and drug development. Graduates with an option in Pre-Pharmacy will be well-prepared with all the courses required for Pharmacy School. Graduates with an option in Pre-Law and Environmental Policy will have completed the required courses for Law School. Graduates with an option in Pre-Forensics will be well-placed for further study and employment in the field of biological forensics. All majors are required to do at least one credit hour of research and faculty actively encourage undergraduate research in their labs. Several of the undergraduate courses, including Introduction to Plant Biology (PBIO 1404) have extensive in-class student-led research projects and presentation opportunities.

Facilities used in undergraduate teaching include well-equipped plant physiology and ecology laboratories, environmental chambers, the 160-acre McPherson Preserve and a herbarium with over 150,000 plant specimens. Faculty members teach and do research in their specialty areas of plant biology including ecology, population biology, biodiversity, climate change, evolution, physiology, biochemistry, biophysics, taxonomy and systematics, genetics and development, genomics, and cell and molecular biology.

## Courses

### PBIO 1052 How Plants Shaped Our World (LN)

**Description:** Experience the connections between plants and everything in our world - from food and clothing to history and art. Learn why the first physicians were botanists. See how the search for black pepper led to the discovery of a new world and to masterpieces by Dutch painters. Discover how plants work by growing and experimenting with them.

**Credit hours:** 2

**Contact hours:** Lecture: 1 Lab: 2 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lab, Lecture, Combined lecture and lab

**Department/School:** Plant Biology Ecol & Evolution

**General Education and other Course Attributes:** Scientific Investigation, Natural Sciences

### PBIO 1404 Plant Biology (LN)

**Description:** Basic concepts in the biology of plants from the perspective of structure and function, ecology and evolution, and diversity. Students gain experience with the process of science by proposing hypotheses, designing and conducting experiments and interpreting data. Previously offered as BOT 1404, BIOL 1404, BIOL 1403, and BISC 1403.

**Credit hours:** 4

**Contact hours:** Lecture: 3 Lab: 2 Contact: 5

**Levels:** Undergraduate

**Schedule types:** Lab, Lecture, Combined lecture and lab

**Department/School:** Plant Biology Ecol & Evolution

**General Education and other Course Attributes:** Scientific Investigation, Natural Sciences

### PBIO 2110 Special Topics in Plant Biology

**Prerequisites:** Consent of instructor.

**Description:** Special studies in any area of plant biology. Offered for variable credit, 1-6 credit hours, maximum of 15 credit hours.

**Credit hours:** 1-6

**Contact hours:** Contact: 1-6 Other: 1-6

**Levels:** Undergraduate

**Schedule types:** Discussion

**Department/School:** Plant Biology Ecol & Evolution

### PBIO 2200 Undergraduate Research

**Prerequisites:** Consent of instructor.

**Description:** Undergraduate research problems in plant biology. Graded on a pass/fail basis. Offered for variable credit, 1-6 credit hours, maximum of 15 credit hours.

**Credit hours:** 1-6

**Contact hours:** Contact: 1-6 Other: 1-6

**Levels:** Undergraduate

**Schedule types:** Discussion

**Department/School:** Plant Biology Ecol & Evolution

### PBIO 2403 Introduction to Plant Molecular Biology

**Prerequisites:** PBIO 1404 or BIOL 1113 and BIOL 1111 or BIOL 1114.

**Description:** Concepts, principles, and themes in plant molecular biology, including structures and functions of biomolecules, representative molecular reactions, and regulations of such reactions in everyday plant life.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Plant Biology Ecol & Evolution

### PBIO 2890 Honors Experience in Plant Biology

**Prerequisites:** Honors Program participation and concurrent enrollment in a designated BIOL or PBIO course.

**Description:** A supplemental Honors experience in Plant Biology to partner concurrently with designated upper-division BIOL or PBIO course(s). The course adds a different intellectual dimension to the designated course. Same course as PBIO 3890. Offered for fixed credit, 1 credit hour, maximum of 6 credit hours.

**Credit hours:** 1

**Contact hours:** Lecture: 1 Contact: 1

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Plant Biology Ecol & Evolution

**General Education and other Course Attributes:** Honors Credit



**PBIO 3024 Plant Diversity**

**Prerequisites:** BOT 1404 or equivalent.

**Description:** Forms and life histories of selected plants with emphasis on some of the less familiar forms. The diversity of plant forms as well as basic similarities in life histories; importance of each form to humans and their environment. Previously offered as BOT 3024.

**Credit hours:** 4

**Contact hours:** Lecture: 3 Lab: 3 Contact: 6

**Levels:** Undergraduate

**Schedule types:** Lab, Lecture, Combined lecture and lab

**Department/School:** Plant Biology Ecol & Evolution

**PBIO 3110 Special Topics in Plant Biology**

**Prerequisites:** Consent of instructor.

**Description:** Special studies in any area of plant biology. Offered for variable credit, 1-6 credit hours, maximum of 15 credit hours.

**Credit hours:** 1-6

**Contact hours:** Contact: 1-6 Other: 1-6

**Levels:** Undergraduate

**Schedule types:** Discussion

**Department/School:** Plant Biology Ecol & Evolution

**PBIO 3114 Plant Taxonomy**

**Prerequisites:** PBIO 1404 or equivalent.

**Description:** Survey of vascular plant families in a phylogenetic framework, and the morphological characters that define them. Principles and practice of plant classification theory and methods. Lab focuses on the identification of species that comprise the Oklahoma flora. Previously offered as BOT 3114.

**Credit hours:** 4

**Contact hours:** Lecture: 2 Lab: 4 Contact: 6

**Levels:** Undergraduate

**Schedule types:** Lab, Lecture, Combined lecture and lab

**Department/School:** Plant Biology Ecol & Evolution

**PBIO 3253 Environment and Society (N)**

**Prerequisites:** At least one college level science course strongly recommended.

**Description:** The environmental impacts of human activities and population growth on the natural world, and possible solutions. Previously offered as BOT 3253.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Plant Biology Ecol & Evolution

**General Education and other Course Attributes:** Natural Sciences

**PBIO 3263 Plants and People (N)**

**Description:** Study of how plant use has changed the course of world history. This includes the uses of plants and plant products for food and beverages, shelter, fiber, and medicinal and pharmaceutical purposes. Previously offered as BOT 3263.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Plant Biology Ecol & Evolution

**General Education and other Course Attributes:** Natural Sciences

**PBIO 3273 Medical Botany (N)**

**Description:** Study of plants as a source of medicines, psychoactive compounds and poisons. These topics will be explored in the context of modern western medicine as well as traditional health systems and complementary alternative medicine. Previously offered as BOT 3273.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Plant Biology Ecol & Evolution

**General Education and other Course Attributes:** Natural Sciences

**PBIO 3553 Fungi: Myths and More**

**Prerequisites:** BIOL 1114 or (BIOL 1113 and BIOL 1111).

**Description:** This course explores fungal biology and its roles in the environment and impacts on the health and nutrition of plants, animals and humans. Topics include the ethnomycological and industrial uses of fungi in foods, fermentations, medicines, and intoxicants, and the colorful folklore and myths associated with these diverse, enigmatic organisms. Laboratory instruction includes microscopy, microbiological methods, mushroom cultivation, and identification of microfungi and wild mushrooms. Same course as PLP 3553. Previously offered as BOT 3553.

**Credit hours:** 3

**Contact hours:** Lecture: 2 Lab: 2 Contact: 4

**Levels:** Undergraduate

**Schedule types:** Lab, Lecture, Combined lecture and lab

**Department/School:** Plant Biology Ecol & Evolution

**PBIO 3890 Advanced Honors Experience in Plant Biology**

**Prerequisites:** Honors Program participation and concurrent enrollment in a designated BIOL or PBIO course.

**Description:** A supplemental Honors experience in Plant Biology to partner concurrently with designated upper-division BIOL or PBIO course(s). The course adds a different intellectual dimension to the designated course. Same course as PBIO 2890. Offered for fixed credit, 1 credit hour, maximum of 6 credit hours.

**Credit hours:** 1

**Contact hours:** Lecture: 1 Contact: 1

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Plant Biology Ecol & Evolution

**General Education and other Course Attributes:** Honors Credit

**PBIO 4005 Field Botany**

**Prerequisites:** PBIO 1404 or equivalent.

**Description:** Botanical field techniques, the vegetation of North America, and the flora of Oklahoma. Terminology of description, use of taxonomic keys, techniques of specimen preservation, field recognition of plant taxa and communities and controlling ecological factors, economic and wildlife significance of dominant taxa, principles of classification and nomenclature. Three weekend field trips required. May not be used for degree credit with PBIO 5003. Previously offered as BOT 3005.

**Credit hours:** 5

**Contact hours:** Lecture: 3 Lab: 4 Contact: 7

**Levels:** Undergraduate

**Schedule types:** Lab, Lecture, Combined lecture and lab

**Department/School:** Plant Biology Ecol & Evolution

**PBIO 4013 Biological Microtechnique****Prerequisites:** PBIO 1404 or BIOL 1604.**Description:** Theories, principles, and methods related to the usage of the light microscope and to the preparation of biological materials for light microscopic examination. May not be used for degree credit with PBIO 5013. Previously offered as BOT 3013.**Credit hours:** 3**Contact hours:** Lecture: 2 Lab: 3 Contact: 5**Levels:** Undergraduate**Schedule types:** Lab, Lecture, Combined lecture and lab**Department/School:** Plant Biology Ecol & Evolution**PBIO 4110 Special Topics in Plant Biology****Prerequisites:** Consent of instructor.**Description:** Special studies in any area of plant biology. Offered for variable credit, 1-6 credit hours, maximum of 15 credit hours.**Credit hours:** 1-6**Contact hours:** Contact: 1-6 Other: 1-6**Levels:** Undergraduate**Schedule types:** Discussion**Department/School:** Plant Biology Ecol & Evolution**PBIO 4233 Plant Anatomy****Prerequisites:** BOT 1404 or equivalent.**Description:** Structures of cells, tissues and organs of plants and the developmental, phylogenetic, and functional contexts of the structures. May not be used for degree credit with PBIO 5233. Previously offered as BOT 3233.**Credit hours:** 3**Contact hours:** Lecture: 2 Lab: 2 Contact: 4**Levels:** Undergraduate**Schedule types:** Lab, Lecture, Combined lecture and lab**Department/School:** Plant Biology Ecol & Evolution**PBIO 4400 Undergraduate Research****Prerequisites:** Consent of instructor.**Description:** Undergraduate research problems in plant biology. Previously offered as BOT 4400. Offered for variable credit, 1-6 credit hours, maximum of 15 credit hours.**Credit hours:** 1-6**Contact hours:** Contact: 1-6 Other: 1-6**Levels:** Undergraduate**Schedule types:** Discussion**Department/School:** Plant Biology Ecol & Evolution**PBIO 4423 Plant Mineral Nutrition****Prerequisites:** PBIO 4463 or concurrent enrollment.**Description:** Uptake, translocation, metabolism, and biochemical function of mineral nutrients in higher plants. May not be used for degree credit with PBIO 5423. Previously offered as BOT 4423.**Credit hours:** 3**Contact hours:** Lecture: 3 Contact: 3**Levels:** Undergraduate**Schedule types:** Lecture**Department/School:** Plant Biology Ecol & Evolution**PBIO 4462 Plant Physiology Laboratory****Prerequisites:** PBIO 4463 or PBIO 5463 or concurrent enrollment.**Description:** Skills in techniques for working with plants, experiments involving nutrition, respiration, photosynthesis, water relations, translocation, hormones, growth and development. Previously offered as BOT 3460 and BOT 3462.**Credit hours:** 2**Contact hours:** Lab: 4 Contact: 4**Levels:** Undergraduate**Schedule types:** Lab**Department/School:** Plant Biology Ecol & Evolution**PBIO 4463 Plant Physiology****Prerequisites:** BOT 1404 or equivalent.**Description:** Plant subcellular structure, water relations, water absorption and ascent of sap, translocation, gaseous exchange, nutrition, enzymes, respiration, photosynthesis, growth, development, reproduction, tropisms, hormones, dormancy and seed germination. May not be used for degree credit with PBIO 5463. Previously offered as BOT 3463.**Credit hours:** 3**Contact hours:** Lecture: 3 Contact: 3**Levels:** Undergraduate**Schedule types:** Lecture**Department/School:** Plant Biology Ecol & Evolution**PBIO 4524 Biological Laboratory Instrumentation****Prerequisites:** CHEM 1515 or equivalent and (BOT 1404 or MICR 2123 or BIOL 1604 or equivalents or consent of instructor).**Description:** Lecture and laboratory course in biological instrumentation use, theory, experimental design, maintenance, and troubleshooting. Topics include liquid handling systems, pH/ISE meters, electrophoresis, microcontrollers, spectrophotometers, centrifuges, chromatography, thermocyclers, and DNA sequencers. Same course as BIOL 4524, MICR 4524.**Credit hours:** 4**Contact hours:** Lecture: 2 Lab: 4 Contact: 6**Levels:** Undergraduate**Schedule types:** Lab, Lecture, Combined lecture and lab**Department/School:** Plant Biology Ecol & Evolution**PBIO 4553 Molecular Phylogenetic Analysis****Prerequisites:** Undergraduate genetics strongly recommended.**Description:** Covers the use of molecular sequence data to construct evolutionary trees. It integrates theory and computer applications to answer questions involving species relationships, gene evolution, molecular evolution and morphological change, co-evolution, and biogeographic relationships. May not be used for degree credit with PBIO 5553.**Credit hours:** 3**Contact hours:** Lecture: 2 Lab: 2 Contact: 4**Levels:** Undergraduate**Schedule types:** Lab, Lecture, Combined lecture and lab**Department/School:** Plant Biology Ecol & Evolution

**PBIO 4654 Plant Secondary Metabolism****Prerequisites:** PBIO 1404.**Description:** This course describes the biochemical pathways and functions of plant secondary metabolites, and how they have been used for medical, pharmaceutical, and agricultural research and industry. Same course as PBIO 5654.**Credit hours:** 4**Contact hours:** Lecture: 3 Lab: 3 Contact: 6**Levels:** Undergraduate**Schedule types:** Lab, Lecture, Combined lecture and lab**Department/School:** Plant Biology Ecol & Evolution**PBIO 4800 Senior Honors Thesis****Prerequisites:** Departmental invitation, senior standing, Honors Program participation.**Description:** A research project under the direction of a faculty member resulting in a written report to be judged by a second faculty member as well. An oral presentation made at a departmental seminar. Required for graduation with departmental honors in plant biology. Previously offered as BOT 4993. Offered for variable credit, 1-3 credit hours, maximum of 3 credit hours.**Credit hours:** 1-3**Contact hours:** Contact: 1-3 Other: 1-3**Levels:** Undergraduate**Schedule types:** Discussion**Department/School:** Plant Biology Ecol & Evolution**General Education and other Course Attributes:** Honors Credit**PBIO 4910 Internship in Plant Biology****Prerequisites:** Specified hours of documented plant biology work experience.**Description:** Supervised experience in an approved work situation related to future career in the plant biology field. Offered for variable credit, 1-3 credit hours, maximum of 3 credit hours.**Credit hours:** 1-3**Contact hours:** Contact: 1-3 Other: 1-3**Levels:** Undergraduate**Schedule types:** Discussion**Department/School:** Plant Biology Ecol & Evolution**PBIO 4990 Independent Study in Plant Biology****Prerequisites:** Consent of instructor.**Description:** Independent study under the supervision of a faculty member. This will include readings and discussion on a selected topic agreed upon between the student and instructor. Previously offered as BOT 4990. Offered for variable credit, 1-3 credit hours, maximum of 3 credit hours.**Credit hours:** 1-3**Contact hours:** Contact: 1-3 Other: 1-3**Levels:** Undergraduate**Schedule types:** Discussion**Department/School:** Plant Biology Ecol & Evolution**PBIO 5000 Master's Thesis****Description:** Thesis work for the MS degree. Previously offered as BOT 5000. Offered for variable credit, 1-6 credit hours, maximum of 6 credit hours.**Credit hours:** 1-6**Contact hours:** Contact: 1-6 Other: 1-6**Levels:** Graduate**Schedule types:** Discussion**Department/School:** Plant Biology Ecol & Evolution**PBIO 5003 Field Botany****Prerequisites:** PBIO 1404 or equivalent.**Description:** Botanical field techniques, the vegetation of North America, and the flora of Oklahoma. Terminology of description, use of taxonomic keys, techniques of specimen preservation, field recognition of plant taxa and communities and controlling ecological factors, economic and wildlife significance of dominant taxa, principles of classification and nomenclature. Three weekend field trips required. May not be used for degree credit with PBIO 4005.**Credit hours:** 3**Contact hours:** Lecture: 1 Lab: 4 Contact: 5**Levels:** Graduate**Schedule types:** Lab, Lecture, Combined lecture and lab**Department/School:** Plant Biology Ecol & Evolution**PBIO 5013 Biological Microtechnique****Prerequisites:** PBIO 1404 or BIOL 1604.**Description:** Theories, principles, and methods related to the usage of the light microscope and to the preparation of biological materials for light microscopic examination. May not be used for degree credit with PBIO 4013.**Credit hours:** 3**Contact hours:** Lecture: 2 Lab: 2 Contact: 4**Levels:** Graduate**Schedule types:** Lab, Lecture, Combined lecture and lab**Department/School:** Plant Biology Ecol & Evolution**PBIO 5104 Mycology****Prerequisites:** Graduate standing.**Description:** A systematic study of the fungi, with emphasis on taxonomy, comparative morphology, and fungal biology. Same course as PLP 5104. Previously offered as BOT 5104.**Credit hours:** 4**Contact hours:** Lecture: 3 Lab: 2 Contact: 5**Levels:** Graduate**Schedule types:** Lab, Lecture, Combined lecture and lab**Department/School:** Plant Biology Ecol & Evolution**PBIO 5110 Special Topics in Plant Biology****Prerequisites:** Consent of instructor.**Description:** Special studies in any area of plant biology. Previously offered as BOT 5110. Offered for variable credit, 1-5 credit hours, maximum of 24 credit hours.**Credit hours:** 1-6**Contact hours:** Contact: 1-6 Other: 1-6**Levels:** Graduate**Schedule types:** Discussion**Department/School:** Plant Biology Ecol & Evolution**PBIO 5210 Research in Plant Biology****Prerequisites:** Consent of instructor.**Description:** Independent research in any area of plant biology. Previously offered as BOT 5210. Offered for variable credit, 1-6 credit hours, maximum of 15 credit hours.**Credit hours:** 1-6**Contact hours:** Contact: 1-6 Other: 1-6**Levels:** Graduate**Schedule types:** Discussion**Department/School:** Plant Biology Ecol & Evolution

**PBIO 5233 Plant Anatomy****Prerequisites:** PBIO 1404.**Description:** Structures of cells, tissues and organs of plants and the developmental, phylogenetic, and functional contexts of the structures. May not be used for degree credit with PBIO 4233.**Credit hours:** 3**Contact hours:** Lecture: 2 Lab: 2 Contact: 4**Levels:** Graduate**Schedule types:** Lab, Lecture, Combined lecture and lab**Department/School:** Plant Biology Ecol & Evolution**PBIO 5423 Plant Mineral Nutrition****Prerequisites:** BOT 4463 or concurrent enrollment.**Description:** Uptake, translocation, metabolism, and biochemical function of mineral nutrients in higher plants. May not be used for degree credit with PBIO 4423. Previously offered as BOT 5423.**Credit hours:** 3**Contact hours:** Lecture: 3 Contact: 3**Levels:** Graduate**Schedule types:** Lecture**Department/School:** Plant Biology Ecol & Evolution**PBIO 5463 Plant Physiology****Prerequisites:** PBIO 1404 or equivalent.**Description:** Plant subcellular structure, water relations, water absorption and ascent of sap, translocation, gaseous exchange, nutrition, enzymes, respiration, photosynthesis, growth, development, reproduction, tropisms, hormones, dormancy and seed germination. Previously offered as BOT 3463. May not be used for degree credit with PBIO 4463.**Credit hours:** 3**Contact hours:** Lecture: 3 Contact: 3**Levels:** Graduate**Schedule types:** Lecture**Department/School:** Plant Biology Ecol & Evolution**PBIO 5524 Biological Instrumentation****Prerequisites:** CHEM 1515 or equivalent and (BOT 1404 or MICR 2123 or BIOL 1604 or equivalents or consent of instructor).**Description:** Lecture and laboratory course in biological instrumentation use, theory, experimental design, maintenance, and troubleshooting. Topics include liquid handling systems, pH/ISE meters, electrophoresis, spectrophotometers, centrifuges, chromatography, thermocyclers, and DNA sequencers. Same course as BIOL 5524 and MICR 5524.**Credit hours:** 4**Contact hours:** Lecture: 2 Lab: 4 Contact: 6**Levels:** Graduate**Schedule types:** Lab, Lecture, Combined lecture and lab**Department/School:** Plant Biology Ecol & Evolution**PBIO 5541 Phylogenomics****Description:** Current topics in the theory and application of genome and transcriptome sequencing to phylogenetics, prediction of gene function, and evolution of genes. Previously offered as BOT 5541.**Credit hours:** 1**Contact hours:** Contact: 1 Other: 1**Levels:** Graduate**Schedule types:** Discussion**Department/School:** Plant Biology Ecol & Evolution**PBIO 5553 Molecular Phylogenetic Analysis****Prerequisites:** Undergraduate genetics strongly recommended.**Description:** Covers the use of molecular sequence data to construct evolutionary trees. It integrates theory and computer applications to answer questions involving species relationships, gene evolution, molecular evolution and morphological change, co-evolution, and biogeographic relationships. May not be used for degree credit with PBIO 4553. Previously offered as BOT 5553.**Credit hours:** 3**Contact hours:** Lecture: 2 Lab: 2 Contact: 4**Levels:** Graduate**Schedule types:** Lab, Lecture, Combined lecture and lab**Department/School:** Plant Biology Ecol & Evolution**PBIO 5563 Plant Ecological Genetics****Prerequisites:** Two of the following courses or their equivalent:

BIOL 3023, BIOL 3034, and BIOL 4133.

**Description:** Basic concepts in plant population and quantitative genetics, focusing on techniques that reveal the genetic structure and the adaptive value of ecologically relevant traits. Previously offered as BOT 5563.**Credit hours:** 3**Contact hours:** Lecture: 3 Contact: 3**Levels:** Graduate**Schedule types:** Lecture**Department/School:** Plant Biology Ecol & Evolution**PBIO 5654 Plant Secondary Metabolism****Prerequisites:** PBIO 1404.**Description:** This course describes the biochemical pathways and functions of plant secondary metabolites, and how they have been used for medical, pharmaceutical, and agricultural research and industry. Same course as PBIO 4654.**Credit hours:** 4**Contact hours:** Lecture: 3 Lab: 3 Contact: 6**Levels:** Graduate**Schedule types:** Lab, Lecture, Combined lecture and lab**Department/School:** Plant Biology Ecol & Evolution**PBIO 5813 Plant Developmental Genetics****Prerequisites:** BIOL 3023 or equivalent.**Description:** Discussion of the genetic and molecular factors that regulate reproductive and vegetative development in flowering plants. Emphasis on recent publications that deal with model genetic systems and plants of economic significance. Previously offered as BOT 5813.**Credit hours:** 3**Contact hours:** Lecture: 3 Contact: 3**Levels:** Graduate**Schedule types:** Lecture**Department/School:** Plant Biology Ecol & Evolution**PBIO 5850 Plant Biology Seminar****Description:** Weekly one-hour seminar series of invited and internal speakers. Plant Sciences MS and Plant Sciences (Plant Biology) PhD students are required to present a minimum of two seminars, including one on thesis or dissertation results. Previously offered as BOT 5850. Offered for fixed credit, 1 credit hour, maximum of 6 credit hours.**Credit hours:** 1**Contact hours:** Lecture: 1 Contact: 1**Levels:** Graduate**Schedule types:** Lecture**Department/School:** Plant Biology Ecol & Evolution

**PBIO 5910 Internship in Plant Biology**

**Prerequisites:** Specified hours of documented plant biology work experience.

**Description:** Supervised experience in an approved work situation related to future career in the plant biology field. Graded on a pass/fail basis. Offered for variable credit, 1-3 credit hours, maximum of 3 credit hours.

**Credit hours:** 1-3

**Contact hours:** Contact: 1-3 Other: 1-3

**Levels:** Graduate

**Schedule types:** Discussion

**Department/School:** Plant Biology Ecol & Evolution

**PBIO 6000 Doctoral Research**

**Description:** Independent research for the doctoral dissertation. Previously offered as BOT 6000. Offered for variable credit, 1-15 credit hours, maximum of 60 credit hours.

**Credit hours:** 1-15

**Contact hours:** Contact: 1-15 Other: 1-15

**Levels:** Graduate

**Schedule types:** Discussion

**Department/School:** Plant Biology Ecol & Evolution

## Undergraduate Programs

- Plant Biology, BS (p. 1645)
- Plant Biology: Cell Biology and Molecular Genetics, BS (p. 1648)
- Plant Biology: Ecology and Evolutionary Biology, BS (p. 1651)
- Plant Biology: Pre-Forensics, BS (p. 1654)
- Plant Biology: Pre-Law Environmental Policy, BS (p. 1657)
- Plant Biology: Pre-Pharmacy, BS (p. 1660)

## Graduate Programs

Programs of research and study leading to the degrees of Master of Science in Plant Biology and Doctor of Philosophy in Plant Biology.

## Prerequisites

Applicants for admission must have received a baccalaureate degree from an accredited college and should have had 40 semester hours (or equivalent) in upper-division courses in the biological and physical sciences. A grade-point average of 3.00 (on a 4.00 scale) or above is required for unconditional admission.

Prerequisites for graduate degrees include successful completion of courses in the two broad areas of:

1. ecology and evolution, and
2. cell and molecular biology.

Students with an undergraduate major in biology or plant science will have completed a substantial portion of these courses; those with a less closely related major may be required to take some background courses.

Final authority for each student's plan of study resides with the student's advisory committee.

## Degree Requirements

Demonstrated research competence through submission and acceptance of a thesis or dissertation is required for all plant biology graduate degrees. A minimum of one semester teaching experience is required of all MS and PhD candidates. This requirement may also be satisfied by

enrollment in a college teaching practicum course (GRAD 5990 Special Problems in Graduate Education).

All graduate students are expected to attend and participate in all departmental seminars.

## The Master of Science Degree in Plant Biology

Plans of study must include 30 graduate credit hours (as indicated in the Graduate Catalog). Exactly six credit hours of thesis (PBIO 5000) and two credit hours of seminar (PBIO 5850). At least 24 semester credit hours numbered 5000 or above are required. A minimum of three graduate courses must be taken.

## The Doctor of Philosophy Degree in Plant Biology

The Department of Plant Biology, Ecology, and Evolution offers a PhD in Plant Biology. To receive the PhD in Plant Biology, students must enroll in a minimum of 70 or a total of 90 credit hours beyond the BS or 60 credit hours beyond the MS. No fewer than 36 or more than 60 hours of PBIO 6000-level are allowed in the plan of study. Two hours of seminar (PBIO 5850) must also be included in the plan of study. After a PhD candidate has completed most of the coursework, qualifying examinations are scheduled that cover major areas of the student's plan of study and relevant subdisciplines of plant science.

## Minors

- Plant Biology (PLB), Minor (p. 1644)

## Faculty

Mark Fishbein, PhD—Professor and Head

**Regents Professor:** Michael W. Palmer, PhD (emeritus); David W. Meinke, PhD (emeritus)

**Professors:** Andrew Doust, PhD; Keith Garbutt, PhD; William J. Henley (emeritus), PhD; Ronald J. Tyrl, PhD (emeritus); Linda Watson, PhD (emerita); Ming Yang, PhD

**Assistant Professors:** Bénédicte Bachelot, PhD; Eric LoPresti, PhD

**Teaching Assistant Professors:** Lane Greer, PhD; Nicole Parker, PhD



## Plant Biology (PLB), Minor

**Requirements for Students Matriculating in or before Academic Year 2022-2023.** Learn more about University Academic Regulation 3.1 (p. 943).

Sheri Orr, 404 Noble Research Center, 405.744.3729

**Minimum Grade Point Average in Minor Coursework:** 2.00 with no grade below "C."

**Total Hours:** 15

Code	Title	Hours
<b>Minor Requirements</b>		
PBIO 1404	Plant Biology (LN)	4
Select 3-4 hours from the following:		3-4
BIOL 3023	General Genetics	
BIOL 3034	General Ecology	
BIOL 4133	Evolution	
Select 7-8 hours from upper-division PBIO to complete the required 15 hours		7-8
<b>Total Hours</b>		<b>15</b>

## Additional OSU Requirements

### Undergraduate Minors

- An undergraduate minor must include between fifteen and thirty hours, inclusive of undergraduate coursework.
- A minimum of six credit hours for the minor must be earned in residence at OSU.
- The courses required for a minor may be included in the course requirements for any undergraduate degree or they may be in addition to degree requirements, depending on the overlap between the minor and degree requirements. However, an undergraduate minor must be earned in an academic field other than the student's declared degree option. The minor may not duplicate the degree major or option (for example, a student who earns a BA in Art with an Art History option may earn a minor in Studio Art but not Art History).
- A student generally follows the minor requirements associated with his or her matriculation year or newer requirements that have been established since matriculation. The time limit for following requirements from a given academic year is six years.

For additional information on requirements on minors, click here (<https://adminfinance.okstate.edu/site-files/documents/policies/requirements-for-undergraduate-and-graduate-minors.pdf>).



# Plant Biology, BS

## Degree Requirements

**Requirements for Students Matriculating in or before Academic Year 2022-2023.** Learn more about University Academic Regulation 3.1 (p. 943).

**Minimum Overall Grade Point Average: 2.00**

**Total Hours: 120**

Code	Title	Hours
<b>General Education Requirements</b>		
<i>English Composition</i>		
See Academic Regulation 3.5 (p. 944)		
ENGL 1113	Composition I	3
or ENGL 1313	Critical Analysis and Writing I	
Select one of the following:		3
ENGL 1213	Composition II	
ENGL 1413	Critical Analysis and Writing II	
ENGL 3323	Technical Writing	
<i>American History &amp; Government</i>		
HIST 1103	Survey of American History	3
or HIST 1483	American History to 1865 (H)	
or HIST 1493	American History Since 1865 (DH)	
POLS 1113	American Government	3
<i>Analytical &amp; Quantitative Thought (A)</i>		
STAT 4013	Statistical Methods I (A) <sup>1</sup>	3
or STAT 2013	Elementary Statistics (A)	
MATH 1813	Preparation for Calculus (A) (or higher)	3
or MATH 1613	Trigonometry (A)	
<i>Humanities (H)</i>		
Courses designated (H)		6
<i>Natural Sciences (N)</i>		
Must include one Laboratory Science (L) course		
Select four hours from the following:		4
BIOL 1113	Introductory Biology (N)	
& BIOL 1111	and Introductory Biology Laboratory (LN) <sup>1</sup>	
BIOL 1114	Introductory Biology (LN) <sup>1</sup>	
PHYS 1114	College Physics I (LN) <sup>1</sup>	4
<i>Social &amp; Behavioral Sciences (S)</i>		
Courses designated (S)		3
<i>Additional General Education</i>		
Courses designated (A), (H), (N), or (S)		6
<b>Hours Subtotal</b>		<b>41</b>
<b>Diversity (D) &amp; International Dimension (I)</b>		
May be completed in any part of the degree plan		
Select at least one Diversity (D) course		
Select at least one International Dimension (I) course		
<b>College/Departmental Requirements</b>		
<i>First Year Seminar</i>		
(Transfer students with 15 hours exempt)		1
<i>Arts &amp; Humanities</i>		
See note 2.a.		3

### Natural & Mathematical Sciences

CHEM 1314	Chemistry I (LN)	4
CHEM 1515	Chemistry II (LN)	5

### Foreign Language

See note 3

0-6 hours

### Upper-Division General Education

Select 6 hours outside major department

See note 2.c.

**Hours Subtotal 13**

### Major Requirements

#### Core Courses

BIOL 3023	General Genetics	3
BIOL 3034	General Ecology	4
BIOL 4133	Evolution	3
PBIO 1404	Plant Biology (LN)	4
PBIO 2403	Introduction to Plant Molecular Biology	3
PBIO 4400	Undergraduate Research	1
7 additional hours of PBIO courses		7

Select one of the following:

CHEM 3013 Survey of Organic Chemistry  
& CHEM 3012 and Survey of Organic Chemistry  
Laboratory

CHEM 3053 Organic Chemistry I  
& CHEM 3112 and Organic Chemistry Laboratory  
& CHEM 3153 and Organic Chemistry II

#### Related Courses:

Minimum of 15-18 hours of upper-division course work (no more than 3 hours of general education courses) from the following:

BIOC; BIOL; CHEM, CS; ENTO; ENVR; GEOG; GEOL; HORT;  
MATH; MICR; NREM; PBIO; PHYS; PLNT; PLP; SOIL; or STAT

**Hours Subtotal 48**

#### Electives

Select 18 hours 18

May need to include 6 hours of a foreign language (see note 3)

May need to include 6 hours upper-division general education outside major department (see note 2.c.)

**Hours Subtotal 18**

**Total Hours 120**

1

College and Departmental Requirements that may be used to meet General Education Requirements.

## Other Requirements

- See the College of Arts and Sciences Requirements.
- Minimum GPA of 2.00 in all PBIO courses.
- **Upper-Division Credit:** Total hours must include at least 40 hours in courses numbered 3000 or above.
- **Hours in One Department:** For B.A. and B.S. degrees, no more than 54 hours in one department may be applied to degree requirements.

## College of Arts and Sciences Requirements

### 1. General Education Requirements

No more than two courses (or eight hours) from the major department (<http://catalog.okstate.edu/college-arts-sciences-major-departments/>) may be used to meet General Education and College and Departmental Requirements. The General Education required English Composition, required U.S. History, required American Government, one required MATH or STAT course, and required foreign language for B.A. degrees do not count against the two-course maximum.

### 2. A&S College/Departmental Requirements

- Arts and Humanities are defined as any course carrying an (H) designation or courses from AMST, ART, DANC, ENGL (except ENGL 3323 Technical Writing) HIST, MUSI, PHIL (except PHIL 1313 Logic and Critical Thinking (A), PHIL 3003 Symbolic Logic (A) and PHIL 4003 Mathematical Logic and Computability), REL, TH, and foreign languages.
- Natural and Mathematical Sciences are defined as any course from the following prefixes: ASTR, BIOC, BIOL, CHEM, CS (except CS 4883 Social Issues in Computing), GEOL, MATH, MICR, PBIO, PHYS, and STAT; or courses from other departments that carry an (A) or (N) general education designation.
- The required six hours of upper-division General Education may not include courses from the student's major department. This requirement may be satisfied by courses also used to satisfy any part of a student's degree program (i.e., in General Education, College Departmental Requirements, Major Requirements or Electives).
- Non-Western Studies Requirement for B.A. and B.F.A.; One 3-hour course in Non-Western Studies (N.W.). This requirement may be satisfied by courses also used to satisfy any part of a student's degree program (i.e., in General Education, College Departmental Requirements, Major Requirements or Electives).
- The College of Arts & Sciences requires a minimum 2.0 GPA in all major requirements and a minimum 2.0 GPA in all major-prefix courses applied to the degree.

### 3. Foreign Language Proficiency

- The foreign language requirement for the B.A. may be satisfied by 9 hours college credit in the same language, which must include 3 hours at the 2000-level, or equivalent proficiency (e.g., passing an advanced standing examination; TOEFL exam; presenting a high school transcript which demonstrates the high school was primarily conducted in a language other than English; etc.). Computer Science courses may not be used to satisfy this requirement. Currently Arabic and Mvskoke are not offered at the 2000-level at OSU.
- The foreign language requirement for the B.S., B.M. and B.F.A. may be satisfied by presenting a high school transcript which demonstrates two years of study of a single foreign language (passing grades at second-year level of study). It may also be satisfied by 6 hours college credit in the same language, which must include language courses 1713 and 1813, or equivalent proficiency (e.g., passing an advanced standing examination; TOEFL exam; presenting a high school transcript which demonstrates the high school was primarily conducted in a language other than English; etc.). Computer Science courses may not be used to satisfy this requirement.

- In addition to a. and b., students pursuing teacher certification must meet novice-high foreign language proficiency by presenting a high school transcript which demonstrates two years of study of a single foreign language with no grade below B. Or, students may complete 3 hours college credit in a single language with no grade below C (or pass an advanced standing examination, College Level Examination Program (CLEP) exam, or Oral Proficiency Interview developed by the American Council on the Teaching of Foreign Languages, equivalent to 3 hours of college credit.) Or, students may meet the requirement by transfer of documentation of meeting the foreign language competency from one of the teacher education programs in the State of Oklahoma approved by the Oklahoma State Regents for Higher Education.

### 4. Exclusions

- Courses used to satisfy the General Education English Composition, U.S. History, American Government, and Mathematics or Statistics requirements will not count toward the 54-hour maximum allowed from one department.
- Courses with ATHL or LEIS prefixes and leisure activity courses may not be used for degree credit.

## Additional State/OSU Requirements

- At least: 60 hours at a four-year institution; 30 hours completed at OSU; 15 of the final 30 or 50% of the upper-division hours in the major field completed at OSU.
- Limit of: one-half of major course requirements as transfer work; one-fourth of hours earned by correspondence; 8 transfer correspondence hours.
- Students will be held responsible for degree requirements in effect at the time of matriculation and any changes that are made, so long as these changes do not result in semester credit hours being added or do not delay graduation.
- Degrees that follow this plan must be completed by the end of Summer 2028.

## Example Plan of Study

### Finish in Four Plan of Study

The plan below is an **example** of how students can successfully complete degree requirements in four years. This suggested class schedule plan may be used as a guide and can be adjusted based on individual needs. Students are required to meet with an academic advisor prior to enrollment each semester to plan their class schedule, and students are ultimately responsible for completing all degree requirements.

Course	Title	Hours
<b>Freshman</b>		
<b>Fall</b>		
A&S 1111	A&S First Year Seminar	1
ENGL 1113 or ENGL 1313	Composition I or Critical Analysis and Writing I	3
MATH 1813	Preparation for Calculus (A) (or higher)	3
PBIO 1404	Plant Biology (LN)	4
General Education courses		4
<b>Hours</b>		<b>15</b>
<b>Spring</b>		
ENGL 1213 or ENGL 1413	Composition II or Critical Analysis and Writing II	3
BIOL 1113 & BIOL 1111	Introductory Biology (N) and Introductory Biology Laboratory (LN)	4

CHEM 1314	Chemistry I (LN)	4
General Education courses		3
<b>Hours</b>		<b>14</b>
<b>Sophomore</b>		
<b>Fall</b>		
CHEM 1515	Chemistry II (LN)	5
PHYS 1114	College Physics I (LN)	4
General Education courses		6
<b>Hours</b>		<b>15</b>
<b>Spring</b>		
CHEM 3013 & CHEM 3012 or CHEM 3053	Survey of Organic Chemistry or Organic Chemistry I	5
PBIO 2403	Introduction to Plant Molecular Biology	3
STAT 4013 or STAT 2013	Statistical Methods I (A) or Elementary Statistics (A)	3
Major and College courses		3
<b>Hours</b>		<b>14</b>
<b>Junior</b>		
<b>Fall</b>		
BIOL 3034	General Ecology	4
Major, College, and Elective courses		12
Take CHEM 3112 and CHEM 3153 if completing CHEM 3053		
<b>Hours</b>		<b>16</b>
<b>Spring</b>		
BIOL 3023	General Genetics	3
PBIO 4400	Undergraduate Research	1
Major courses		12
<b>Hours</b>		<b>16</b>
<b>Senior</b>		
<b>Fall</b>		
BIOL 4133	Evolution	3
Major courses		12
<b>Hours</b>		<b>15</b>
<b>Spring</b>		
Major, College, and Elective courses		15
<b>Hours</b>		<b>15</b>
<b>Total Hours</b>		<b>120</b>

1

Speak with academic advisor about saving General Education electives and Humanities (H) for Upper-division courses with International (I) and Diversity (D) dimensions.

# Plant Biology: Cell Biology and Molecular Genetics, BS

## Degree Requirements

**Requirements for Students Matriculating in or before Academic Year 2022-2023.** Learn more about University Academic Regulation 3.1 (p. 943).

**Minimum Overall Grade Point Average: 2.00**

**Total Hours: 120**

Code	Title	Hours
<b>General Education Requirements</b>		
<i>English Composition</i>		
See Academic Regulation 3.5 (p. 944)		
ENGL 1113	Composition I	3
or ENGL 1313	Critical Analysis and Writing I	
Select one of the following:		3
ENGL 1213	Composition II	
ENGL 1413	Critical Analysis and Writing II	
ENGL 3323	Technical Writing	
<i>American History &amp; Government</i>		
HIST 1103	Survey of American History	3
or HIST 1483	American History to 1865 (H)	
or HIST 1493	American History Since 1865 (DH)	
POLS 1113	American Government	3
<i>Analytical &amp; Quantitative Thought (A)</i>		
MATH 1813	Preparation for Calculus (A) (or higher) <sup>1</sup>	3
or MATH 1613	Trigonometry (A)	
STAT 4013	Statistical Methods I (A) <sup>1</sup>	3
or STAT 2013	Elementary Statistics (A)	
<i>Humanities (H)</i>		
Courses designated (H)		6
<i>Natural Sciences (N)</i>		
Must include one Laboratory Science (L) course		
Select four hours from the following:		4
BIOL 1113	Introductory Biology (N)	
& BIOL 1111	and Introductory Biology Laboratory (LN) <sup>1</sup>	
BIOL 1114	Introductory Biology (LN) <sup>1</sup>	
PHYS 1114	College Physics I (LN) <sup>1</sup>	4
<i>Social &amp; Behavioral Sciences (S)</i>		
Courses designated (S)		3
<i>Additional General Education</i>		
Courses designated (A), (H), (N), or (S)		6
<b>Hours Subtotal</b>		<b>41</b>
<b>Diversity (D) &amp; International Dimension (I)</b>		
May be completed in any part of the degree plan		
Select at least one Diversity (D) course		
Select at least one International Dimension (I) course		
<b>College/Departmental Requirements</b>		
<i>First Year Seminar</i>		
(Transfer students with 15 hours exempt)		1
<i>Arts &amp; Humanities</i>		

See note 2.a.		3
<i>Natural &amp; Mathematical Sciences</i>		
CHEM 1314	Chemistry I (LN)	4
CHEM 1515	Chemistry II (LN)	5
<i>Foreign Language</i>		
See note 3		
0-6 hours		
<i>Upper-Division General Education</i>		
Select 6 hours outside major department		
See note 2.c.		
<b>Hours Subtotal</b>		<b>13</b>
<b>Major Requirements</b>		
<i>Core Courses</i>		
BIOL 3023	General Genetics	3
BIOL 4133	Evolution	3
PBIO 1404	Plant Biology (LN)	4
PBIO 2403	Introduction to Plant Molecular Biology	3
PBIO 4233	Plant Anatomy	3
PBIO 4400	Undergraduate Research	1
PBIO 4463	Plant Physiology	3
PBIO 4654	Plant Secondary Metabolism	4
7 additional hours of PBIO courses		7
Select one of the following:		5-8
CHEM 3013	Survey of Organic Chemistry	
& CHEM 3012	and Survey of Organic Chemistry Laboratory	
CHEM 3053	Organic Chemistry I	
& CHEM 3112	and Organic Chemistry Laboratory	
& CHEM 3153	and Organic Chemistry II	
MICR 2123	Introduction to Microbiology	3
or MICR 3033	Cell and Molecular Biology	
<i>Related Courses</i>		
Minimum of 10-13 hours of upper-division coursework (no more than 3 hours of general education courses) from the following:		10-13
BIOC; BIOL; CHEM; CS; ENTO; ENVR; GEOG; GEOL; HORT; MATH; MICR; NREM; PBIO; PHYS; PLNT; PLP; SOIL; or STAT.		
<b>Hours Subtotal</b>		<b>52</b>
<b>Electives</b>		
Select 14 hours		14
May need to include 6 hours of a foreign language (see note 3)		
May need to include 6 hours upper-division general education outside major department (see note 2.c.)		
<b>Hours Subtotal</b>		<b>14</b>
<b>Total Hours</b>		<b>120</b>

<sup>1</sup>

College and Departmental Requirements that may be used to meet General Education Requirements.

## Other Requirements

- See the College of Arts and Sciences Requirements.
- Minimum GPA of 2.00 in all PBIO courses.
- **Upper-Division Credit:** Total hours must include at least 40 hours in courses numbered 3000 or above.

- **Hours in One Department:** For B.A. and B.S. degrees, no more than 54 hours in one department may be applied to degree requirements.

## College of Arts and Sciences Requirements

### 1. General Education Requirements

No more than two courses (or eight hours) from the major department (<http://catalog.okstate.edu/college-arts-sciences-major-departments/>) may be used to meet General Education and College and Departmental Requirements. The General Education required English Composition, required U.S. History, required American Government, one required MATH or STAT course, and required foreign language for B.A. degrees do not count against the two-course maximum.

### 2. A&S College/Departmental Requirements

- Arts and Humanities are defined as any course carrying an (H) designation or courses from AMST, ART, DANC, ENGL (except ENGL 3323 Technical Writing) HIST, MUSI, PHIL (except PHIL 1313 Logic and Critical Thinking (A), PHIL 3003 Symbolic Logic (A) and PHIL 4003 Mathematical Logic and Computability), REL, TH, and foreign languages.
- Natural and Mathematical Sciences are defined as any course from the following prefixes: ASTR, BIOC, BIOL, CHEM, CS (except CS 4883 Social Issues in Computing), GEOL, MATH, MICR, PBIO, PHYS, and STAT; or courses from other departments that carry an (A) or (N) general education designation.
- The required six hours of upper-division General Education may not include courses from the student's major department. This requirement may be satisfied by courses also used to satisfy any part of a student's degree program (i.e., in General Education, College Departmental Requirements, Major Requirements or Electives).
- Non-Western Studies Requirement for B.A. and B.F.A.; One 3-hour course in Non-Western Studies (N.W.). This requirement may be satisfied by courses also used to satisfy any part of a student's degree program (i.e., in General Education, College Departmental Requirements, Major Requirements or Electives).
- The College of Arts & Sciences requires a minimum 2.0 GPA in all major requirements and a minimum 2.0 GPA in all major-prefix courses applied to the degree.

### 3. Foreign Language Proficiency

- The foreign language requirement for the B.A. may be satisfied by 9 hours college credit in the same language, which must include 3 hours at the 2000-level, or equivalent proficiency (e.g., passing an advanced standing examination; TOEFL exam; presenting a high school transcript which demonstrates the high school was primarily conducted in a language other than English; etc.). Computer Science courses may not be used to satisfy this requirement. Currently Arabic and Mvskoke are not offered at the 2000-level at OSU.
- The foreign language requirement for the B.S., B.M. and B.F.A. may be satisfied by presenting a high school transcript which demonstrates two years of study of a single foreign language (passing grades at second-year level of study). It may also be satisfied by 6 hours college credit in the same language, which must include language courses 1713 and 1813, or equivalent proficiency (e.g., passing an advanced standing examination; TOEFL exam; presenting a high school transcript which demonstrates the high school was primarily conducted in

a language other than English; etc.). Computer Science courses may not be used to satisfy this requirement.

- In addition to a. and b., students pursuing teacher certification must meet novice-high foreign language proficiency by presenting a high school transcript which demonstrates two years of study of a single foreign language with no grade below B. Or, students may complete 3 hours college credit in a single language with no grade below C (or pass an advanced standing examination, College Level Examination Program (CLEP) exam, or Oral Proficiency Interview developed by the American Council on the Teaching of Foreign Languages, equivalent to 3 hours of college credit.) Or, students may meet the requirement by transfer of documentation of meeting the foreign language competency from one of the teacher education programs in the State of Oklahoma approved by the Oklahoma State Regents for Higher Education.

### 4. Exclusions

- Courses used to satisfy the General Education English Composition, U.S. History, American Government, and Mathematics or Statistics requirements will not count toward the 54-hour maximum allowed from one department.
- Courses with ATHL or LEIS prefixes and leisure activity courses may not be used for degree credit.

## Additional State/OSU Requirements

- At least: 60 hours at a four-year institution; 30 hours completed at OSU; 15 of the final 30 or 50% of the upper-division hours in the major field completed at OSU.
- Limit of: one-half of major course requirements as transfer work; one-fourth of hours earned by correspondence; 8 transfer correspondence hours.
- Students will be held responsible for degree requirements in effect at the time of matriculation and any changes that are made, so long as these changes do not result in semester credit hours being added or do not delay graduation.
- Degrees that follow this plan must be completed by the end of Summer 2028.

## Example Plan of Study

### Finish in Four Plan of Study

The plan below is an **example** of how students can successfully complete degree requirements in four years. This suggested class schedule plan may be used as a guide and can be adjusted based on individual needs. Students are required to meet with an academic advisor prior to enrollment each semester to plan their class schedule, and students are ultimately responsible for completing all degree requirements.

Course	Title	Hours
<b>Freshman</b>		
<b>Fall</b>		
A&S 1111	A&S First Year Seminar	1
ENGL 1113 or ENGL 1313	Composition I or Critical Analysis and Writing I	3
PBIO 1404	Plant Biology (LN)	4
MATH 1813	Preparation for Calculus (A) (or higher)	3
General Education courses		3
		<b>Hours</b>
		<b>14</b>
<b>Spring</b>		
BIOL 1113 & BIOL 1111	Introductory Biology (N) and Introductory Biology Laboratory (LN)	4

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ENGL 1213 or ENGL 1413	Composition II or Critical Analysis and Writing II	3
CHEM 1314	Chemistry I (LN)	4
General Education courses		3
<b>Hours</b>		<b>14</b>
<b>Sophomore</b>		
<b>Fall</b>		
CHEM 1515	Chemistry II (LN)	5
PHYS 1114	College Physics I (LN)	4
General Education courses		6
<b>Hours</b>		<b>15</b>
<b>Spring</b>		
CHEM 3053	Organic Chemistry I	3
PBIO 2403	Introduction to Plant Molecular Biology	3
PHYS 1114	College Physics I (LN)	4
STAT 4013 or STAT 2013	Statistical Methods I (A) or Elementary Statistics (A)	3
Major and College courses		3
<b>Hours</b>		<b>16</b>
<b>Junior</b>		
<b>Fall</b>		
BIOL 3023	General Genetics	3
CHEM 3153	Organic Chemistry II	3
CHEM 3112	Organic Chemistry Laboratory	2
PBIO 4233	Plant Anatomy	3
Major, College, and Elective courses		3
<b>Hours</b>		<b>14</b>
<b>Spring</b>		
PBIO 4400	Undergraduate Research	1
PBIO 4463	Plant Physiology	3
Major and College courses		12
<b>Hours</b>		<b>16</b>
<b>Senior</b>		
<b>Fall</b>		
BIOL 4133	Evolution	3
Major courses		12
<b>Hours</b>		<b>15</b>
<b>Spring</b>		
PBIO 4654	Plant Secondary Metabolism	4
Major, College, and Elective courses		12
<b>Hours</b>		<b>16</b>
<b>Total Hours</b>		<b>120</b>



# Plant Biology: Ecology and Evolutionary Biology, BS

## Degree Requirements

**Requirements for Students Matriculating in or before Academic Year 2022-2023.** Learn more about University Academic Regulation 3.1 (p. 943).

**Minimum Overall Grade Point Average: 2.00**

**Total Hours: 120**

Code	Title	Hours
<b>General Education Requirements</b>		
<i>English Composition</i>		
See Academic Regulation 3.5 (p. 944)		
ENGL 1113	Composition I	3
or ENGL 1313	Critical Analysis and Writing I	
Select one of the following:		3
ENGL 1213	Composition II	
ENGL 1413	Critical Analysis and Writing II	
ENGL 3323	Technical Writing	
<i>American History &amp; Government</i>		
HIST 1103	Survey of American History	3
or HIST 1483	American History to 1865 (H)	
or HIST 1493	American History Since 1865 (DH)	
POLS 1113	American Government	3
<i>Analytical &amp; Quantitative Thought (A)</i>		
STAT 4013	Statistical Methods I (A) <sup>1</sup>	3
or STAT 2013	Elementary Statistics (A)	
MATH 1813	Preparation for Calculus (A) (or higher)	3
or MATH 1613	Trigonometry (A)	
<i>Humanities (H)</i>		
Courses designated (H)		6
<i>Natural Sciences (N)</i>		
Must include one Laboratory Science (L) course		
Select four hours from the following:		4
BIOL 1113	Introductory Biology (N)	
& BIOL 1111	and Introductory Biology Laboratory (LN) <sup>1</sup>	
BIOL 1114	Introductory Biology (LN)	
PHYS 1114	College Physics I (LN) <sup>1</sup>	4
<i>Social &amp; Behavioral Sciences (S)</i>		
Courses designated (S)		3
<i>Additional General Education</i>		
Courses designated (A), (H), (N), or (S)		6
<b>Hours Subtotal</b>		<b>41</b>
<b>Diversity (D) &amp; International Dimension (I)</b>		
May be completed in any part of the degree plan		
Select at least one Diversity (D) course		
Select at least one International Dimension (I) course		
<b>College/Departmental Requirements</b>		
<i>First Year Seminar</i>		
(Transfer students with 15 hours exempt)		1
<i>Arts &amp; Humanities</i>		

See note 2.a.		3
<i>Natural &amp; Mathematical Sciences</i>		
CHEM 1314	Chemistry I (LN)	4
CHEM 1515	Chemistry II (LN)	5
<i>Foreign Language</i>		
See note 3		
0-6 hours		
<i>Upper-Division General Education</i>		
Select 6 hours outside major department		
See note 2.c.		
<b>Hours Subtotal</b>		<b>13</b>
<b>Major Requirements</b>		
<i>Core Courses</i>		
BIOL 3023	General Genetics	3
BIOL 3034	General Ecology	4
BIOL 4133	Evolution	3
PBIO 1404	Plant Biology (LN)	4
PBIO 2403	Introduction to Plant Molecular Biology	3
PBIO 4005	Field Botany	4-5
or PBIO 3114	Plant Taxonomy	
PBIO 4400	Undergraduate Research	1
7 additional hours of PBIO courses.		7
Select one of the following:		5-8
CHEM 3013	Survey of Organic Chemistry	
& CHEM 3012	and Survey of Organic Chemistry Laboratory	
CHEM 3053	Organic Chemistry I	
& CHEM 3112	and Organic Chemistry Laboratory	
& CHEM 3153	and Organic Chemistry II	
<i>Related Courses</i>		
Minimum of 10-14 hours of upper-division coursework (no more than 3 hours of general education courses) from the following:		
BIOC; BIOL; CHEM; CS; ENTO; ENVR; GEOG; GEOL; HORT; MATH; MICR; NREM; PBIO; PHYS; PLNT; PLP; SOIL; or STAT.		
<b>Hours Subtotal</b>		<b>48</b>
<b>Electives</b>		
Select 18 hours		18
May need to include 6 hours of a foreign language (see note 3)		
May need to include 6 hours upper-division general education outside major department (see note 2.c.)		
<b>Hours Subtotal</b>		<b>18</b>
<b>Total Hours</b>		<b>120</b>

<sup>1</sup>

College and Departmental Requirements that may be used to meet General Education Requirements.

## Other Requirements

- See the College of Arts and Sciences Requirements.
- Minimum GPA of 2.00 in all PBIO courses.
- **Upper-Division Credit:** Total hours must include at least 40 hours in courses numbered 3000 or above.

- **Hours in One Department:** For B.A. and B.S. degrees, no more than 54 hours in one department may be applied to degree requirements.

## College of Arts and Sciences Requirements

### 1. General Education Requirements

No more than two courses (or eight hours) from the major department (<http://catalog.okstate.edu/college-arts-sciences-major-departments/>) may be used to meet General Education and College and Departmental Requirements. The General Education required English Composition, required U.S. History, required American Government, one required MATH or STAT course, and required foreign language for B.A. degrees do not count against the two-course maximum.

### 2. A&S College/Departmental Requirements

- Arts and Humanities are defined as any course carrying an (H) designation or courses from AMST, ART, DANC, ENGL (except ENGL 3323 Technical Writing) HIST, MUSI, PHIL (except PHIL 1313 Logic and Critical Thinking (A), PHIL 3003 Symbolic Logic (A) and PHIL 4003 Mathematical Logic and Computability), REL, TH, and foreign languages.
- Natural and Mathematical Sciences are defined as any course from the following prefixes: ASTR, BIOC, BIOL, CHEM, CS (except CS 4883 Social Issues in Computing), GEOL, MATH, MICR, PBIO, PHYS, and STAT; or courses from other departments that carry an (A) or (N) general education designation.
- The required six hours of upper-division General Education may not include courses from the student's major department. This requirement may be satisfied by courses also used to satisfy any part of a student's degree program (i.e., in General Education, College Departmental Requirements, Major Requirements or Electives).
- Non-Western Studies Requirement for B.A. and B.F.A.; One 3-hour course in Non-Western Studies (N.W.). This requirement may be satisfied by courses also used to satisfy any part of a student's degree program (i.e., in General Education, College Departmental Requirements, Major Requirements or Electives).
- The College of Arts & Sciences requires a minimum 2.0 GPA in all major requirements and a minimum 2.0 GPA in all major-prefix courses applied to the degree.

### 3. Foreign Language Proficiency

- The foreign language requirement for the B.A. may be satisfied by 9 hours college credit in the same language, which must include 3 hours at the 2000-level, or equivalent proficiency (e.g., passing an advanced standing examination; TOEFL exam; presenting a high school transcript which demonstrates the high school was primarily conducted in a language other than English; etc.). Computer Science courses may not be used to satisfy this requirement. Currently Arabic and Mvskoke are not offered at the 2000-level at OSU.
- The foreign language requirement for the B.S., B.M. and B.F.A. may be satisfied by presenting a high school transcript which demonstrates two years of study of a single foreign language (passing grades at second-year level of study). It may also be satisfied by 6 hours college credit in the same language, which must include language courses 1713 and 1813, or equivalent proficiency (e.g., passing an advanced standing examination; TOEFL exam; presenting a high school transcript which demonstrates the high school was primarily conducted in

a language other than English; etc.). Computer Science courses may not be used to satisfy this requirement.

- In addition to a. and b., students pursuing teacher certification must meet novice-high foreign language proficiency by presenting a high school transcript which demonstrates two years of study of a single foreign language with no grade below B. Or, students may complete 3 hours college credit in a single language with no grade below C (or pass an advanced standing examination, College Level Examination Program (CLEP) exam, or Oral Proficiency Interview developed by the American Council on the Teaching of Foreign Languages, equivalent to 3 hours of college credit.) Or, students may meet the requirement by transfer of documentation of meeting the foreign language competency from one of the teacher education programs in the State of Oklahoma approved by the Oklahoma State Regents for Higher Education.

### 4. Exclusions

- Courses used to satisfy the General Education English Composition, U.S. History, American Government, and Mathematics or Statistics requirements will not count toward the 54-hour maximum allowed from one department.
- Courses with ATHL or LEIS prefixes and leisure activity courses may not be used for degree credit.

## Additional State/OSU Requirements

- At least: 60 hours at a four-year institution; 30 hours completed at OSU; 15 of the final 30 or 50% of the upper-division hours in the major field completed at OSU.
- Limit of: one-half of major course requirements as transfer work; one-fourth of hours earned by correspondence; 8 transfer correspondence hours.
- Students will be held responsible for degree requirements in effect at the time of matriculation and any changes that are made, so long as these changes do not result in semester credit hours being added or do not delay graduation.
- Degrees that follow this plan must be completed by the end of Summer 2028.

## Example Plan of Study

### Finish in Four Plan of Study

The plan below is an **example** of how students can successfully complete degree requirements in four years. This suggested class schedule plan may be used as a guide and can be adjusted based on individual needs. Students are required to meet with an academic advisor prior to enrollment each semester to plan their class schedule, and students are ultimately responsible for completing all degree requirements.

Course	Title	Hours
<b>Freshman</b>		
<b>Fall</b>		
A&S 1111	A&S First Year Seminar	1
ENGL 1113 or ENGL 1313	Composition I or Critical Analysis and Writing I	3
MATH 1813	Preparation for Calculus (A) (or higher)	3
PBIO 1404	Plant Biology (LN)	4
General Education and Elective courses		4
<b>Hours</b>		<b>15</b>
<b>Spring</b>		
BIOL 1113 & BIOL 1111	Introductory Biology (N) and Introductory Biology Laboratory (LN)	4

CHEM 1314	Chemistry I (LN)	4
ENGL 1213	Composition II	3
or ENGL 1413	or Critical Analysis and Writing II	
General Education courses		4
<b>Hours</b>		<b>15</b>
<b>Sophomore</b>		
<b>Fall</b>		
CHEM 1515	Chemistry II (LN)	5
MICR 2123	Introduction to Microbiology	3
MICR 2132	Introduction to Microbiology Laboratory	2
General Education and College courses		5
<b>Hours</b>		<b>15</b>
<b>Spring</b>		
CHEM 3013	Survey of Organic Chemistry	3
or CHEM 3053	or Organic Chemistry I	
CHEM 3012	Survey of Organic Chemistry Laboratory	2
PHYS 1114	College Physics I (LN)	4
STAT 4013	Statistical Methods I (A)	3
or STAT 2013	or Elementary Statistics (A)	
College and Major courses		3
<b>Hours</b>		<b>15</b>
<b>Junior</b>		
<b>Fall</b>		
BIOL 3034	General Ecology	4
PBIO 4005	Field Botany (or PBIO 3114 in spring)	5
Major, College, and Elective courses		6
Take CHEM 3112 and CHEM 3153 if completing CHEM 3053		
<b>Hours</b>		<b>15</b>
<b>Spring</b>		
BIOL 3023	General Genetics	3
PBIO 4400	Undergraduate Research	1
Major and Elective courses		11
Take PBIO 3114 if needed		
<b>Hours</b>		<b>15</b>
<b>Senior</b>		
<b>Fall</b>		
BIOL 4133	Evolution	3
Major and Elective courses		12
<b>Hours</b>		<b>15</b>
<b>Spring</b>		
Major and Elective courses		15
<b>Hours</b>		<b>15</b>
<b>Total Hours</b>		<b>120</b>

# Plant Biology: Pre-Forensics, BS

## Degree Requirements

**Requirements for Students Matriculating in or before Academic Year 2022-2023.** Learn more about University Academic Regulation 3.1 (p. 943).

**Minimum Overall Grade Point Average: 2.50**

**Total Hours: 120**

Code	Title	Hours
<b>General Education Requirements</b>		
<i>English Composition</i>		
See Academic Regulation 3.5 (p. 944)		
ENGL 1113	Composition I	3
or ENGL 1313	Critical Analysis and Writing I	
Select one from the following:		3
ENGL 1213	Composition II	
ENGL 1413	Critical Analysis and Writing II	
ENGL 3323	Technical Writing	
<i>American History &amp; Government</i>		
HIST 1103	Survey of American History	3
or HIST 1483	American History to 1865 (H)	
or HIST 1493	American History Since 1865 (DH)	
POLS 1113	American Government	3
<i>Analytical &amp; Quantitative Thought (A)</i>		
MATH 1813	Preparation for Calculus (A) (or higher) <sup>1</sup>	3
or MATH 1613	Trigonometry (A)	
STAT 4013	Statistical Methods I (A) <sup>1</sup>	3
or STAT 2013	Elementary Statistics (A)	
<i>Humanities (H)</i>		
Courses designated (H)		6
<i>Natural Sciences (N)</i>		
Must include one Laboratory Science (L) course.		
Select four hours from the following:		4
BIOL 1113	Introductory Biology (N)	
& BIOL 1111	and Introductory Biology Laboratory (LN) <sup>1</sup>	
BIOL 1114	Introductory Biology (LN) <sup>1</sup>	
PHYS 1114	College Physics I (LN) <sup>1</sup>	4
<i>Social &amp; Behavioral Sciences</i>		
Courses designated (S)		3
<i>Additional General Education</i>		
Courses designated (A), (H), (N), or (S)		6
<b>Hours Subtotal</b>		<b>41</b>
<b>Diversity (D) &amp; International Dimension (I)</b>		
May be completed in any part of the degree plan.		
At least one Diversity (D) course.		
At least one International Dimension (I) course.		
<b>College/Departmental Requirements</b>		
<i>First Year Seminar</i>		
(Transfer students with 15 hours exempt.)		1
<i>Arts &amp; Humanities</i>		
(See Note 2.a.)		3

### Natural & Mathematical Sciences

CHEM 1314	Chemistry I (LN)	4
CHEM 1515	Chemistry II (LN)	5

### Foreign Languages

0-6 hours (See note 3.)

### Upper-Division General Education

6 hours outside major department (See note 2.c.)

<b>Hours Subtotal</b>		<b>13</b>
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### Major Requirements

#### Core Courses:

BIOL 3023	General Genetics	3
BIOL 3034	General Ecology	4
BIOL 4133	Evolution	3
PBIO 1404	Plant Biology (LN)	4
PBIO 2403	Introduction to Plant Molecular Biology	3
PBIO 4013	Biological Microtechnique	3
PBIO 4400	Undergraduate Research (1 hour)	1
PBIO 4524	Biological Laboratory Instrumentation	4
CHEM 3053	Organic Chemistry I	3
CHEM 3112	Organic Chemistry Laboratory	2
CHEM 3153	Organic Chemistry II	3

7 additional hours of PBIO courses.

Pre-Forensics Courses (choose 12 hours from the following - may need to include 12 upper-division hours):

BIOC 3653	Survey of Biochemistry	
BIOC 3723	Biochemistry and Molecular Biology Laboratory	
CHEM 2113	Principles of Analytical Chemistry	
CHEM 2122	Quantitative Analysis Laboratory	
ENTO 4573	Introduction to Forensic Entomology	
MICR 2123	Introduction to Microbiology	
MICR 2132	Introduction to Microbiology Laboratory	
MICR 3033	Cell and Molecular Biology	
SOC 4333	Criminology (S)	
SOC 4733	Criminal Behavior Analysis	

<b>Hours Subtotal</b>		<b>52</b>
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### Electives

May need to include 6 hours of a foreign language (see note 3.).

May need to include 6 hours upper-division general education outside major department (see note 2.c.).

14 hours of Electives

Recommended courses:

PBIO 3114	Plant Taxonomy	
PBIO 3553	Fungi: Myths and More	
PBIO 4005	Field Botany	
SOC 4733	Criminal Behavior Analysis	
SOC 4753	Advanced Forensics	

<b>Hours Subtotal</b>		<b>14</b>
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<b>Total Hours</b>		<b>120</b>
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College and Departmental Requirements that may be used to meet General Education Requirements.

## Other Requirements

- See the College of Arts and Sciences Requirements.
- Minimum GPA of 2.00 in all PBIO courses.
- **Upper-Division Credit:** Total hours must include at least 40 hours in courses numbered 3000 or above.
- **Hours in One Department:** For B.A. and B.S. degrees, no more than 54 hours in one department may be applied to degree requirements.

## College of Arts and Sciences Requirements

### 1. General Education Requirements

No more than two courses (or eight hours) from the major department (<http://catalog.okstate.edu/college-arts-sciences-major-departments/>) may be used to meet General Education and College and Departmental Requirements. The General Education required English Composition, required U.S. History, required American Government, one required MATH or STAT course, and required foreign language for B.A. degrees do not count against the two-course maximum.

### 2. A&S College/Departmental Requirements

- Arts and Humanities are defined as any course carrying an (H) designation or courses from AMST, ART, DANC, ENGL (except ENGL 3323 Technical Writing) HIST, MUSI, PHIL (except PHIL 1313 Logic and Critical Thinking (A), PHIL 3003 Symbolic Logic (A) and PHIL 4003 Mathematical Logic and Computability), REL, TH, and foreign languages.
- Natural and Mathematical Sciences are defined as any course from the following prefixes: ASTR, BIOC, BIOL, CHEM, CS (except CS 4883 Social Issues in Computing), GEOL, MATH, MICR, PBIO, PHYS, and STAT; or courses from other departments that carry an (A) or (N) general education designation.
- The required six hours of upper-division General Education may not include courses from the student's major department. This requirement may be satisfied by courses also used to satisfy any part of a student's degree program (i.e., in General Education, College Departmental Requirements, Major Requirements or Electives).
- Non-Western Studies Requirement for B.A. and B.F.A.; One 3-hour course in Non-Western Studies (N.W.). This requirement may be satisfied by courses also used to satisfy any part of a student's degree program (i.e., in General Education, College Departmental Requirements, Major Requirements or Electives).
- The College of Arts & Sciences requires a minimum 2.0 GPA in all major requirements and a minimum 2.0 GPA in all major-prefix courses applied to the degree.

### 3. Foreign Language Proficiency

- The foreign language requirement for the B.A. may be satisfied by 9 hours college credit in the same language, which must include 3 hours at the 2000-level, or equivalent proficiency (e.g., passing an advanced standing examination; TOEFL exam; presenting a high school transcript which demonstrates the high school was primarily conducted in a language other than English; etc.). Computer Science courses may not be used to satisfy this requirement. Currently Arabic and Mvskoke are not offered at the 2000-level at OSU.
- The foreign language requirement for the B.S., B.M. and B.F.A. may be satisfied by presenting a high school transcript which demonstrates two years of study of a single foreign language

(passing grades at second-year level of study). It may also be satisfied by 6 hours college credit in the same language, which must include language courses 1713 and 1813, or equivalent proficiency (e.g., passing an advanced standing examination; TOEFL exam; presenting a high school transcript which demonstrates the high school was primarily conducted in a language other than English; etc.). Computer Science courses may not be used to satisfy this requirement.

- In addition to a. and b., students pursuing teacher certification must meet novice-high foreign language proficiency by presenting a high school transcript which demonstrates two years of study of a single foreign language with no grade below B. Or, students may complete 3 hours college credit in a single language with no grade below C (or pass an advanced standing examination, College Level Examination Program (CLEP) exam, or Oral Proficiency Interview developed by the American Council on the Teaching of Foreign Languages, equivalent to 3 hours of college credit.) Or, students may meet the requirement by transfer of documentation of meeting the foreign language competency from one of the teacher education programs in the State of Oklahoma approved by the Oklahoma State Regents for Higher Education.

### 4. Exclusions

- Courses used to satisfy the General Education English Composition, U.S. History, American Government, and Mathematics or Statistics requirements will not count toward the 54-hour maximum allowed from one department.
- Courses with ATHL or LEIS prefixes and leisure activity courses may not be used for degree credit.

## Additional State/OSU Requirements

- At least: 60 hours at a four-year institution; 30 hours completed at OSU; 15 of the final 30 or 50% of the upper-division hours in the major field completed at OSU.
- Limit of: one-half of major course requirements as transfer work; one-fourth of hours earned by correspondence; 8 transfer correspondence hours.
- Students will be held responsible for degree requirements in effect at the time of matriculation and any changes that are made, so long as these changes do not result in semester credit hours being added or do not delay graduation.
- Degrees that follow this plan must be completed by the end of Summer 2028.

## Example Plan of Study

### Finish in Four Plan of Study

The plan below is an **example** of how students can successfully complete degree requirements in four years. This suggested class schedule plan may be used as a guide and can be adjusted based on individual needs. Students are required to meet with an academic advisor prior to enrollment each semester to plan their class schedule, and students are ultimately responsible for completing all degree requirements.

Course	Title	Hours
<b>Freshman</b>		
<b>Fall</b>		
A&S 1111	A&S First Year Seminar	1
ENGL 1113 or ENGL 1313	Composition I or Critical Analysis and Writing I	3

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MATH 1813	Preparation for Calculus (A)	3
PBIO 1404	Plant Biology (LN)	4
General Education courses		4
<b>Hours</b>		<b>15</b>
<b>Spring</b>		
ENGL 1213 or ENGL 1413	Composition II or Critical Analysis and Writing II	3
BIOL 1113 & BIOL 1111	Introductory Biology (N) and Introductory Biology Laboratory (LN)	4
CHEM 1314	Chemistry I (LN)	4
General Education courses		4
<b>Hours</b>		<b>15</b>
<b>Sophomore</b>		
<b>Fall</b>		
CHEM 1515	Chemistry II (LN)	5
MICR 2123 or MICR 3033	Introduction to Microbiology or Cell and Molecular Biology	3
General Education courses		7
<b>Hours</b>		<b>15</b>
<b>Spring</b>		
CHEM 3053	Organic Chemistry I	3
BIOL 3034	General Ecology	4
PBIO 2403	Introduction to Plant Molecular Biology	3
Major and College courses		5
<b>Hours</b>		<b>15</b>
<b>Junior</b>		
<b>Fall</b>		
CHEM 3153	Organic Chemistry II	3
CHEM 3112	Organic Chemistry Laboratory	2
Major, College, and Elective courses		10
<b>Hours</b>		<b>15</b>
<b>Spring</b>		
BIOL 3023	General Genetics	3
PBIO 4400	Undergraduate Research	1
STAT 4013 or STAT 2013	Statistical Methods I (A) or Elementary Statistics (A)	3
Major, College, and Elective courses		9
<b>Hours</b>		<b>16</b>
<b>Senior</b>		
<b>Fall</b>		
BIOL 4133	Evolution	3
PBIO 4524	Biological Laboratory Instrumentation	4
Major, College, and Elective courses		7
<b>Hours</b>		<b>14</b>
<b>Spring</b>		
PBIO 4013	Biological Microtechnique	3
Major, College, and Elective courses		12
<b>Hours</b>		<b>15</b>
<b>Total Hours</b>		<b>120</b>



# Plant Biology: Pre-Law Environmental Policy, BS

## Degree Requirements

**Requirements for Students Matriculating in or before Academic Year 2022-2023.** Learn more about University Academic Regulation 3.1 (p. 943).

**Minimum Overall Grade Point Average: 2.00**

**Total Hours: 120**

Code	Title	Hours
<b>General Education Requirements</b>		
<i>English Composition</i>		
See Academic Regulation 3.5 (p. 944)		
ENGL 1113 or ENGL 1313	Composition I Critical Analysis and Writing I	3
ENGL 1213 or ENGL 1413 or ENGL 3323	Composition II Critical Analysis and Writing II Technical Writing	3
<i>American History &amp; Government</i>		
HIST 1103 or HIST 1483 or HIST 1493	Survey of American History American History to 1865 (H) American History Since 1865 (DH)	3
POLS 1113	American Government	3
<i>Analytical &amp; Quantitative Thought (A)</i>		
MATH 1513	College Algebra (A) (or higher) <sup>1</sup>	3
PHIL 1313	Logic and Critical Thinking (A) <sup>1</sup>	3
<i>Humanities (H)</i>		
Courses designated (H)		6
<i>Natural Sciences (N)</i>		
Must include one Laboratory Science (L) course.		
PHYS 1114	College Physics I (LN) <sup>1</sup>	4
Select four hours from the following:		4
BIOL 1113 & BIOL 1111 BIOL 1114	Introductory Biology (N) and Introductory Biology Laboratory (LN) <sup>1</sup> Introductory Biology (LN) <sup>1</sup>	
<i>Social &amp; Behavioral Sciences (S)</i>		
SPCH 2713	Introduction to Speech Communication (S) <sup>1</sup>	3
<i>Additional General Education</i>		
Courses designated (A), (H), (N), or (S)		9
<b>Hours Subtotal</b>		<b>44</b>
<b>Diversity (D) &amp; International Dimension (I)</b>		
May be completed in any part of the degree plan.		
At least one Diversity (D) course		
At least one International Dimension (I) course		
<b>College/Departmental Requirements</b>		
<i>First Year Seminar</i>		
(Transfer students with 15 hours exempt)		1
<i>Arts &amp; Humanities</i>		
(See note 2.a.)		3
<i>Natural &amp; Mathematical Sciences</i>		

CHEM 1314	Chemistry I (LN)	4
CHEM 1515	Chemistry II (LN)	5

### Foreign Languages

(See note 3.)

0-6 hours

### Upper-Division General Education

6 hours outside major department

(See note 2.c.)

**Hours Subtotal 13**

### Major Requirements

#### Core Courses:

BIOL 3023	General Genetics	3
BIOL 3034	General Ecology	4
BIOL 4133	Evolution	3
CHEM 3013 & CHEM 3012	Survey of Organic Chemistry and Survey of Organic Chemistry Laboratory	5
PBIO 1404	Plant Biology (LN)	4
PBIO 4400	Undergraduate Research	1
7 additional hours of PBIO courses		7

#### Pre-Law Courses:

9 hours from the following:		
AGEC 1113	Introduction to Agricultural Economics (S)	
AGEC 3713	Agricultural Law	
AMIS 2013	Introduction to American Indian Studies (D)	
LSB 1113	Law in Society	
LSB 3213	Legal and Regulatory Environment of Business	
PHIL 3003	Symbolic Logic (A)	
PHIL 3843	Philosophy of Law (H)	
POLS 2023	The Individual And The Law	
POLS 3523	Money, Media And Politics	
POLS 3533	Lobbying: the Art of Influence and Manipulation	
POLS 4363	Environmental Law And Policy	
POLS 4593	Natural Resources and Environmental Policy	
SOC 4743	Criminalistics: Introduction to Forensic Sciences	

#### Related Courses:

Minimum of 9 hours of upper-division coursework (no more than 3 hours of general education courses) from the following:		9
BIOC; BIOL; CHEM; CS; ENTO; ENVR; GEOG; GEOL; HORT; MATH; MICR; NREM; PBIO; PHYS; PLNT; PLP; SOIL; or STAT.		
<b>Hours Subtotal</b>		<b>45</b>

Electives 18

May need to include 6 hours of a foreign language (see note 3.).

May need to include 6 hours upper-division general education outside major department (see note 2.c.).

Additional requirement dependent on law school.

**Hours Subtotal 18**

**Total Hours 120**

## Other Requirements

- See the College of Arts and Sciences Requirements.
- Minimum GPA of 2.00 in all P BIO courses.
- **Upper-Division Credit:** Total hours must include at least 40 hours in courses numbered 3000 or above.
- **Hours in One Department:** For B.A. and B.S. degrees, no more than 54 hours in one department may be applied to degree requirements.

## College of Arts and Sciences Requirements

### 1. General Education Requirements

No more than two courses (or eight hours) from the major department (<http://catalog.okstate.edu/college-arts-sciences-major-departments/>) may be used to meet General Education and College and Departmental Requirements. The General Education required English Composition, required U.S. History, required American Government, one required MATH or STAT course, and required foreign language for B.A. degrees do not count against the two-course maximum.

### 2. A&S College/Departmental Requirements

- Arts and Humanities are defined as any course carrying an (H) designation or courses from AMST, ART, DANC, ENGL (except ENGL 3323 Technical Writing) HIST, MUSI, PHIL (except PHIL 1313 Logic and Critical Thinking (A), PHIL 3003 Symbolic Logic (A) and PHIL 4003 Mathematical Logic and Computability), REL, TH, and foreign languages.
- Natural and Mathematical Sciences are defined as any course from the following prefixes: ASTR, BIOC, BIOL, CHEM, CS (except CS 4883 Social Issues in Computing), GEOL, MATH, MICR, P BIO, PHYS, and STAT; or courses from other departments that carry an (A) or (N) general education designation.
- The required six hours of upper-division General Education may not include courses from the student's major department. This requirement may be satisfied by courses also used to satisfy any part of a student's degree program (i.e., in General Education, College Departmental Requirements, Major Requirements or Electives).
- Non-Western Studies Requirement for B.A. and B.F.A.; One 3-hour course in Non-Western Studies (N.W.). This requirement may be satisfied by courses also used to satisfy any part of a student's degree program (i.e., in General Education, College Departmental Requirements, Major Requirements or Electives).
- The College of Arts & Sciences requires a minimum 2.0 GPA in all major requirements and a minimum 2.0 GPA in all major-prefix courses applied to the degree.

### 3. Foreign Language Proficiency

- The foreign language requirement for the B.A. may be satisfied by 9 hours college credit in the same language, which must include 3 hours at the 2000-level, or equivalent proficiency (e.g., passing an advanced standing examination; TOEFL exam; presenting a high school transcript which demonstrates the high school was primarily conducted in a language other than English; etc.). Computer Science courses may not be used to satisfy this requirement. Currently Arabic and Mvskoke are not offered at the 2000-level at OSU.
- The foreign language requirement for the B.S., B.M. and B.F.A. may be satisfied by presenting a high school transcript which demonstrates two years of study of a single foreign language

(passing grades at second-year level of study). It may also be satisfied by 6 hours college credit in the same language, which must include language courses 1713 and 1813, or equivalent proficiency (e.g., passing an advanced standing examination; TOEFL exam; presenting a high school transcript which demonstrates the high school was primarily conducted in a language other than English; etc.). Computer Science courses may not be used to satisfy this requirement.

- In addition to a. and b., students pursuing teacher certification must meet novice-high foreign language proficiency by presenting a high school transcript which demonstrates two years of study of a single foreign language with no grade below B. Or, students may complete 3 hours college credit in a single language with no grade below C (or pass an advanced standing examination, College Level Examination Program (CLEP) exam, or Oral Proficiency Interview developed by the American Council on the Teaching of Foreign Languages, equivalent to 3 hours of college credit.) Or, students may meet the requirement by transfer of documentation of meeting the foreign language competency from one of the teacher education programs in the State of Oklahoma approved by the Oklahoma State Regents for Higher Education.

### 4. Exclusions

- Courses used to satisfy the General Education English Composition, U.S. History, American Government, and Mathematics or Statistics requirements will not count toward the 54-hour maximum allowed from one department.
- Courses with ATHL or LEIS prefixes and leisure activity courses may not be used for degree credit.

## Additional State/OSU Requirements

- At least: 60 hours at a four-year institution; 30 hours completed at OSU; 15 of the final 30 or 50% of the upper-division hours in the major field completed at OSU.
- Limit of: one-half of major course requirements as transfer work; one-fourth of hours earned by correspondence; 8 transfer correspondence hours.
- Students will be held responsible for degree requirements in effect at the time of matriculation and any changes that are made, so long as these changes do not result in semester credit hours being added or do not delay graduation.
- Degrees that follow this plan must be completed by the end of Summer 2028.

## Example Plan of Study

### Finish in Four Plan of Study

The plan below is an **example** of how students can successfully complete degree requirements in four years. This suggested class schedule plan may be used as a guide and can be adjusted based on individual needs. Students are required to meet with an academic advisor prior to enrollment each semester to plan their class schedule, and students are ultimately responsible for completing all degree requirements.

Course	Title	Hours
<b>Freshman</b>		
<b>Fall</b>		
A&S 1111	A&S First Year Seminar	1
ENGL 1113 or ENGL 1313	Composition I or Critical Analysis and Writing I	3

MATH 1513	College Algebra (A)	3
PBIO 1404	Plant Biology (LN)	4
General Education courses		4
<b>Hours</b>		<b>15</b>
<b>Spring</b>		
ENGL 1213 or ENGL 1413	Composition II or Critical Analysis and Writing II	3
BIOL 1113 & BIOL 1111	Introductory Biology (N) and Introductory Biology Laboratory (LN)	4
CHEM 1314	Chemistry I (LN)	4
General Education courses		4
<b>Hours</b>		<b>15</b>
<b>Sophomore</b>		
<b>Fall</b>		
CHEM 1515	Chemistry II (LN)	5
PHIL 1313	Logic and Critical Thinking (A)	3
General Education courses		7
<b>Hours</b>		<b>15</b>
<b>Spring</b>		
CHEM 3013	Survey of Organic Chemistry	3
CHEM 3012	Survey of Organic Chemistry Laboratory	2
BIOL 3034	General Ecology	4
Major and College courses		6
<b>Hours</b>		<b>15</b>
<b>Junior</b>		
<b>Fall</b>		
PHYS 1114	College Physics I (LN)	4
Major, College, and Elective courses		11
<b>Hours</b>		<b>15</b>
<b>Spring</b>		
BIOL 3023	General Genetics	3
PBIO 4400	Undergraduate Research	1
Major courses		11
<b>Hours</b>		<b>15</b>
<b>Senior</b>		
<b>Fall</b>		
BIOL 4133	Evolution	3
Major courses		12
<b>Hours</b>		<b>15</b>
<b>Spring</b>		
Major, College, and Elective courses		15
<b>Hours</b>		<b>15</b>
<b>Total Hours</b>		<b>120</b>

## Plant Biology: Pre-Pharmacy, BS

### Degree Requirements

**Requirements for Students Matriculating in or before Academic Year 2022-2023.** Learn more about University Academic Regulation 3.1 (p. 943).

**Minimum Overall Grade Point Average: 2.5**

**Total Hours: 120**

Code	Title	Hours
<b>General Education Requirements</b>		
<i>English Composition</i>		
See Academic Regulation 3.5 (p. 944)		
ENGL 1113	Composition I	3
or ENGL 1313	Critical Analysis and Writing I	
ENGL 1213	Composition II	3
or ENGL 1413	Critical Analysis and Writing II	
or ENGL 3323	Technical Writing	
<i>American History &amp; Government</i>		
HIST 1103	Survey of American History	3
or HIST 1483	American History to 1865 (H)	
or HIST 1493	American History Since 1865 (DH)	
POLS 1113	American Government	3
<i>Analytical &amp; Quantitative Thought (A)</i>		
MATH 2144	Calculus I (A)	4
<i>Humanities (H)</i>		
Courses designated (H)		
6		
<i>Natural Sciences (N)</i>		
Must include one Laboratory Science (L) course.		
PHYS 1114	College Physics I (LN) <sup>1</sup>	4
PHYS 1214	College Physics II (LN) <sup>1</sup>	4
<i>Social &amp; Behavioral Sciences (S)</i>		
SPCH 2713	Introduction to Speech Communication (S)	3
<i>Additional General Education</i>		
Courses designated (A), (H), (N), or (S)		
8		
<b>Hours Subtotal</b>		<b>41</b>
<b>Diversity (D) &amp; International Dimension (I)</b>		
May be completed in any part of the degree plan.		
At least one Diversity (D) course		
At least one International Dimension (I) course		
<b>College/Departmental Requirements</b>		
<i>First Year Seminar</i>		
(Transfer students with 15 hours exempt)		
1		
<i>Arts &amp; Humanities</i>		
(See note 2.a.)		
3		
<i>Natural &amp; Mathematical Sciences</i>		
CHEM 1314	Chemistry I (LN)	4
CHEM 1515	Chemistry II (LN)	5
<i>Foreign Languages</i>		
(See note 3.)		
0-6 hours		

#### Upper-Division General Education

6 hours outside major department

(See note 2.c.)

**Hours Subtotal** **13**

#### Major Requirements

##### Core Courses:

BIOL 1113	Introductory Biology (N)	4
& BIOL 1111	and Introductory Biology Laboratory (LN)	
or BIOL 1114	Introductory Biology (LN)	
BIOL 1604	Animal Biology	4
BIOL 3023	General Genetics	3
BIOL 3214	Human Anatomy	4
BIOL 4133	Evolution	3
BIOC 3653	Survey of Biochemistry	3
CHEM 3053	Organic Chemistry I	3
CHEM 3112	Organic Chemistry Laboratory	2
CHEM 3153	Organic Chemistry II	3
MICR 2132	Introduction to Microbiology Laboratory	2
MICR 2123	Introduction to Microbiology	3
MICR 3033	Cell and Molecular Biology	3
PBIO 1404	Plant Biology (LN)	4
PBIO 2403	Introduction to Plant Molecular Biology	3
PBIO 3273	Medical Botany (N)	3
PBIO 4400	Undergraduate Research	1
PBIO 4654	Plant Secondary Metabolism	4
7 additional hours of PBIO courses		7

**Hours Subtotal** **59**

**Electives** **7**

May need to include 6 hours of a foreign language

May need to include 6 hours upper-division general education outside major department (see note 2.c.)

MATH 1513 and MATH 1813 required for students who do not place directly into MATH 2144

Additional requirements dependent on pharmacy school

**Hours Subtotal** **7**

**Total Hours** **120**

### Other Requirements:

- See College of Arts & Sciences Requirements.
- Minimum GPA of 2.00 in all PBIO courses.
- **Upper-Division Credit:** Total hours must include at least 40 hours in courses numbered 3000 or above.
- **Hours in One Department:** For B.A. and B.S. degrees, no more than 54 hours in one department may be applied to degree requirements.

### College of Arts and Sciences Requirements

#### 1. General Education Requirements

No more than two courses (or eight hours) from the major department (<http://catalog.okstate.edu/college-arts-sciences-major-departments/>) may be used to meet General Education and College and Departmental Requirements. The General Education required English Composition, required U.S. History, required American

Government, one required MATH or STAT course, and required foreign language for B.A. degrees do not count against the two-course maximum.

## 2. A&S College/Departmental Requirements

- Arts and Humanities are defined as any course carrying an (H) designation or courses from AMST, ART, DANC, ENGL (except ENGL 3323 Technical Writing) HIST, MUSI, PHIL (except PHIL 1313 Logic and Critical Thinking (A), PHIL 3003 Symbolic Logic (A) and PHIL 4003 Mathematical Logic and Computability), REL, TH, and foreign languages.
- Natural and Mathematical Sciences are defined as any course from the following prefixes: ASTR, BIOC, BIOL, CHEM, CS (except CS 4883 Social Issues in Computing), GEOL, MATH, MICR, PBIO, PHYS, and STAT; or courses from other departments that carry an (A) or (N) general education designation.
- The required six hours of upper-division General Education may not include courses from the student's major department. This requirement may be satisfied by courses also used to satisfy any part of a student's degree program (i.e., in General Education, College Departmental Requirements, Major Requirements or Electives).
- Non-Western Studies Requirement for B.A. and B.F.A.; One 3-hour course in Non-Western Studies (N.W.). This requirement may be satisfied by courses also used to satisfy any part of a student's degree program (i.e., in General Education, College Departmental Requirements, Major Requirements or Electives).
- The College of Arts & Sciences requires a minimum 2.0 GPA in all major requirements and a minimum 2.0 GPA in all major-prefix courses applied to the degree.

## 3. Foreign Language Proficiency

- The foreign language requirement for the B.A. may be satisfied by 9 hours college credit in the same language, which must include 3 hours at the 2000-level, or equivalent proficiency (e.g., passing an advanced standing examination; TOEFL exam; presenting a high school transcript which demonstrates the high school was primarily conducted in a language other than English; etc.). Computer Science courses may not be used to satisfy this requirement. Currently Arabic and Mvskoke are not offered at the 2000-level at OSU.
- The foreign language requirement for the B.S., B.M. and B.F.A. may be satisfied by presenting a high school transcript which demonstrates two years of study of a single foreign language (passing grades at second-year level of study). It may also be satisfied by 6 hours college credit in the same language, which must include language courses 1713 and 1813, or equivalent proficiency (e.g., passing an advanced standing examination; TOEFL exam; presenting a high school transcript which demonstrates the high school was primarily conducted in a language other than English; etc.). Computer Science courses may not be used to satisfy this requirement.
- In addition to a. and b., students pursuing teacher certification must meet novice-high foreign language proficiency by presenting a high school transcript which demonstrates two years of study of a single foreign language with no grade below B. Or, students may complete 3 hours college credit in a single language with no grade below C (or pass an advanced standing examination, College Level Examination Program (CLEP) exam, or Oral Proficiency Interview developed by the American Council on the Teaching of Foreign Languages, equivalent to 3 hours of college credit.) Or, students may meet the requirement by transfer

of documentation of meeting the foreign language competency from one of the teacher education programs in the State of Oklahoma approved by the Oklahoma State Regents for Higher Education.

## 4. Exclusions

- Courses used to satisfy the General Education English Composition, U.S. History, American Government, and Mathematics or Statistics requirements will not count toward the 54-hour maximum allowed from one department.
- Courses with ATHL or LEIS prefixes and leisure activity courses may not be used for degree credit.

## Additional State/OSU Requirements

- At least: 60 hours at a four-year institution; 30 hours completed at OSU; 15 of the final 30 or 50% of the upper-division hours in the major field completed at OSU.
- Limit of: one-half of major course requirements as transfer work; one-fourth of hours earned by correspondence; 8 transfer correspondence hours.
- Students will be held responsible for degree requirements in effect at the time of matriculation and any changes that are made, so long as these changes do not result in semester credit hours being added or do not delay graduation.
- Degrees that follow this plan must be completed by the end of Summer 2028.

## Example Plan of Study

### Finish in Four Plan of Study

The plan below is an **example** of how students can successfully complete degree requirements in four years. This suggested class schedule plan may be used as a guide and can be adjusted based on individual needs. Students are required to meet with an academic advisor prior to enrollment each semester to plan their class schedule, and students are ultimately responsible for completing all degree requirements.

Course	Title	Hours
<b>Freshman</b>		
<b>Fall</b>		
A&S 1111	A&S First Year Seminar	1
CHEM 1314	Chemistry I (LN)	4
ENGL 1113 or ENGL 1313	Composition I or Critical Analysis and Writing I	3
MATH 2144	Calculus I (A)	4
PBIO 1404	Plant Biology (LN)	4
<b>Hours</b>		<b>16</b>
<b>Spring</b>		
BIOL 1113 & BIOL 1111	Introductory Biology (N) and Introductory Biology Laboratory (LN)	4
ENGL 1213 or ENGL 1413	Composition II or Critical Analysis and Writing II	3
CHEM 1515	Chemistry II (LN)	5
General Education courses		3
<b>Hours</b>		<b>15</b>
<b>Sophomore</b>		
<b>Fall</b>		
BIOL 1604	Animal Biology	4
CHEM 3053	Organic Chemistry I	3
MICR 2123	Introduction to Microbiology	3
MICR 2132	Introduction to Microbiology Laboratory	2

General Education courses		3
<b>Hours</b>		<b>15</b>
<b>Spring</b>		
CHEM 3153	Organic Chemistry II	3
CHEM 3112	Organic Chemistry Laboratory	2
PBIO 2403	Introduction to Plant Molecular Biology	3
PBIO 3273	Medical Botany (N)	3
Major, College, General Education courses		4
<b>Hours</b>		<b>15</b>
<b>Junior</b>		
<b>Fall</b>		
BIOC 3653	Survey of Biochemistry	3
MICR 3033	Cell and Molecular Biology	3
PHYS 1114	College Physics I (LN)	4
Major, College, and Elective courses		5
<b>Hours</b>		<b>15</b>
<b>Spring</b>		
BIOL 3023	General Genetics	3
PBIO 4400	Undergraduate Research	1
PHYS 1214	College Physics II (LN)	4
Major courses		7
<b>Hours</b>		<b>15</b>
<b>Senior</b>		
<b>Fall</b>		
BIOL 4133	Evolution	3
Major and Elective courses		12
<b>Hours</b>		<b>15</b>
<b>Spring</b>		
BIOL 3214	Human Anatomy	4
PBIO 4654	Plant Secondary Metabolism	4
Major and Elective courses		6
<b>Hours</b>		<b>14</b>
<b>Total Hours</b>		<b>120</b>



## Political Science

Political Science is, on the one hand, an ancient discipline with roots in Plato and Aristotle, and on the other, it is one of the most recent of the social sciences with roots in the early twentieth century. Political scientists study political institutions, the political behavior of individuals and groups, the formulation of public policy, the relations among states, and also enduring moral issues, such as what is justice and how leaders should be chosen. Political science, by its very nature, blends normative and empirical issues. Questions about democracy, participation, justice and representation have both empirical and evaluative components. The discipline attempts to understand who participates in the political process and, when they do not, what it means for society. A major in Political Science offers the student a front row seat in the analysis of these questions. The principal fields of study in Political Science are political theory, public law, comparative politics, international relations, public administration and American politics. Students may pursue the Bachelor of Arts or the Bachelor of Science degree in Political Science with a concentration in any of the fields of study. The department also offers Bachelor of Arts or Bachelor of Science Political Science degree options in Pre-Law, Global Politics, and Campaigning, Lobby and Policymaking. In addition to the required political science classes, courses numbered 3000 or above from the usual accepted areas of economics, English, foreign languages and literature, geography, history, philosophy, psychology, religion or sociology, and any other upper-division courses are necessary to reach the required hours of the degree option. The minimum GPA is 2.50 with a minimum grade of "C" in all upper-division political science and related upper-division coursework. Additional flexibility in the degree program is offered through internships, and opportunities to work with professors in developing independent study courses in areas where the department may not offer regular coursework. Students may also pursue political science as a second degree, or as a minor to complement other areas of study. In addition to the minor in Political Science, the department also offers minors in Campaigns and Lobbying, Intelligence and Security Analysis, and Law and Legal studies. The required GPA for a minor is 2.50.

The political science major prepares students for a wide range of local, state, national and international careers, in and around government. It also provides preparation for admission to law school; teaching at the secondary level; urban and regional planning; political journalism; the conduct and analysis of foreign policy; and for graduate study in political science. At a more general level, political science has great career versatility for students. While the major does focus on the subject matter of government and politics, it also develops students' skills in critical analysis, written and oral communications, leadership and judgment. Such skills, prepare students for a wide range of options throughout their professional lives.

## Courses

### POLS 1010 Studies in American Government

**Description:** Special study in American government to allow transfer students to fulfill general education requirements as established by Regents' policy. Offered for variable credit, 1-2 credit hours, maximum of 2 credit hours.

**Credit hours:** 1-2

**Contact hours:** Contact: 1-2 Other: 1-2

**Levels:** Undergraduate

**Schedule types:** Independent Study

**Department/School:** Political Science

### POLS 1113 American Government

**Description:** Organization, processes and functions of the national government of the United States. Satisfies, with HIST 1103 or 1483 or 1493, the State Regents requirement of six credit hours of American history and American government before graduation. Previously offered as POLS 1013.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Political Science

### POLS 2000 Topics in American Politics (S)

**Description:** Introductory examination of timely topics and issues in American Politics. May be repeated with different topics. Offered for fixed credit, 3 credit hours, maximum of 6 credit hours.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Political Science

**General Education and other Course Attributes:** Social & Behavioral Sciences

### POLS 2010 Topics in International Relations (I)

**Description:** Introductory examination of timely topics and issues in International Relations. May be repeated with different topics. Offered for fixed credit, 3 credit hours, maximum of 6 credit hours.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Political Science

### POLS 2013 Introduction to International Relations (S)

**Description:** Analysis and explanation of the political, economic, and social relationships that exist between countries. Broad topics include major actors in international relations, the role of power on the global stage, interstate and civil conflict, cooperation, and economic security. The assumptions of major international relations theories, such as realism and liberalism, are explained. Previously offered as POLS 3013.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Political Science

**General Education and other Course Attributes:** Social & Behavioral Sciences

### POLS 2020 Topics in Public Law (S)

**Description:** Introductory examination of timely topics and issues in Public Law. Maybe repeated with different topics. Offered for fixed credit, 3 credit hours, maximum of 6 credit hours.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Political Science

**General Education and other Course Attributes:** Social & Behavioral Sciences

**POLS 2023 The Individual And The Law**

**Description:** Introduction to the U.S. Constitution, legal reasoning, legal research techniques, and topical issues of U.S. public law.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Political Science

**POLS 2030 Topics in Public Policy & Administration**

**Description:** Introductory examination of timely topics and issues in Public Policy and Administration. May be repeated with different topics. Offered for fixed credit, 3 credit hours, maximum of 6 credit hours.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Political Science

**POLS 2033 Introduction to Public Administration**

**Description:** Public administration, including administration, administrative organization, decision-making, governmental public relations and administrative responsibilities.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Political Science

**POLS 2110 Topics in Comparative Politics (I)**

**Description:** Introductory examination of timely topics and issues in Comparative Politics. May be repeated with different topics. Offered for fixed credit, 3 credit hours, maximum of 6 credit hours.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Political Science

**General Education and other Course Attributes:** International Dimension

**POLS 2113 Introduction to Comparative Politics (IS)**

**Description:** A study of the domestic politics, society, and economies in countries around the world.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Political Science

**General Education and other Course Attributes:** International Dimension, Social & Behavioral Sciences

**POLS 2213 Fundamentals of Political Science**

**Description:** This course provides an overview of Political Science as a field of study, and it provides students with basic research literacy and other skills essential to success as a Political Science major.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Political Science

**POLS 2313 Social Justice Politics (D)**

**Description:** This course examines race, ethnicity, class, gender, sexuality, religion, age, ability, and in a number of realms, particularly the political. Specific social justice issues discussed include immigration reform, religious accommodations in the workplace, the gender gap in wages and political office holding, income and wealth inequality, racial and ethnic discrimination, same-sex marriage, ageism and disability access.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Political Science

**General Education and other Course Attributes:** Diversity

**POLS 2890 Honors Experience in Political Science**

**Prerequisites:** Honors Program participation and concurrent enrollment in a designated Political Science course.

**Description:** A supplemental Honors experience in Political Science to partner concurrently with designated Political Science course(s). This course adds a different intellectual dimension to the designated course(s). Offered for fixed credit, 3 credit hours, maximum of 6 credit hours.

**Credit hours:** 1

**Contact hours:** Lecture: 1 Contact: 1

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Political Science

**General Education and other Course Attributes:** Honors Credit

**POLS 2993 Honors Tutorial in Political Science**

**Prerequisites:** POLS 1113. Honors standing, and invitation by head of department.

**Description:** For the special needs of the sophomore-level honors student majoring in political science who wishes to study individualized topics at an accelerated pace in a tutorial format. After mastering basic principles in an area of interest the student will conduct independent research under close faculty supervision and prepare a report or reports.

**Credit hours:** 3

**Contact hours:** Contact: 3 Other: 3

**Levels:** Undergraduate

**Schedule types:** Independent Study

**Department/School:** Political Science

**POLS 3003 The Soviet Union: History, Society and Culture(IS)**

**Description:** A comprehensive view of the Soviet Union, stressing those issues in the political, economic, technological, geographical and cultural spheres which are most relevant to the current situation. Accessible to beginning undergraduates. Same course as HIST 3003 & RUSS 3003.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Political Science

**General Education and other Course Attributes:** International Dimension, Social & Behavioral Sciences

**POLS 3033 International Law**

**Description:** International laws between countries arise from customary law, treaties, and other international agreements. This course examines international law surrounding international diplomacy, conflict, organizations, and the international political reasons for the creation, compliance, and violation of such laws.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Political Science

**POLS 3053 Introduction to Central Asia Studies (IS)**

**Description:** A comprehensive view of newly-emerged Central Asian states examining the history, politics, economics, geography, and culture of Azerbaijan, Kazakhstan, Kyrgyzstan, Tajikistan, Turkmenistan and Uzbekistan as reflected in their thoughts, religion, literature, and architecture, in the past, and the strategic importance of their natural wealth for the present and future. Same course as GEOG 3053, GLST 3053, HIST 3053 & RUSS 3053.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Political Science

**POLS 3090 Teaching Practicum**

**Prerequisites:** Consent of instructor.

**Description:** For outstanding students. Students will work with a faculty instructor and assist in many aspects of teaching including guest lecturing, offering study sessions, office hours, among other duties as determined by instructor. May involve meetings and written paper(s). Offered for variable credit, 1-6 credit hours, maximum of 6 credit hours.

**Credit hours:** 1-6

**Contact hours:** Contact: 1-6 Other: 1-6

**Levels:** Undergraduate

**Schedule types:** Independent Study

**Department/School:** Political Science

**POLS 3100 Political Science Internship**

**Prerequisites:** Consent of department.

**Description:** Internship education experience in a specific subfield in the discipline of political science. Offered for variable credit, 1-6 credit hours, maximum of 6 credit hours.

**Credit hours:** 1-6

**Contact hours:** Contact: 1-6 Other: 1-6

**Levels:** Undergraduate

**Schedule types:** Independent Study

**Department/School:** Political Science

**POLS 3101 Oklahoma Intercollegiate Legislature**

**Description:** OSU Oklahoma Intercollegiate Legislature provides students with hands on experience in the legislative process. It is a mock legislature with the intended goal of passing bills and learning parliamentary procedure. Students learn how to research and draft legislation, build coalitions, and debate the merits of their bills. Participation in O.I.L. gives students a behind the scenes look at how state government conducts business. The result is academic learning in a real world setting. This course is a pass/fail grade. Offered for fixed credit, 1 credit hour.

**Credit hours:** 1

**Contact hours:** Lecture: 1 Contact: 1

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Political Science

**POLS 3103 Introduction to Political Inquiry**

**Prerequisites:** Sophomore, Junior and Senior standing.

**Description:** The scope and methods of political science. Scientific methodology applied to political phenomena, hypothesis, measurement, literature review, research designs, introductory data analysis and writing in political science. Previously offered as POLS 4003.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Political Science

**POLS 3123 Russian & Eurasian Politics (I)**

**Description:** An overview of the major political, social, and economic challenges facing Russia and its neighbors.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Political Science

**General Education and other Course Attributes:** International Dimension

**POLS 3143 European Politics (I)**

**Description:** An overview of the major political, social, and economic challenges facing European countries.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Political Science

**General Education and other Course Attributes:** International Dimension

**POLS 3163 African Politics (I)**

**Description:** An overview of the major political, social, and economic challenges facing African countries.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Political Science

**General Education and other Course Attributes:** International Dimension

**POLS 3193 Latin American Politics (IS)**

**Description:** An overview of the major political, social, and economic challenges facing Latin American countries.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Political Science

**General Education and other Course Attributes:** International Dimension, Social & Behavioral Sciences

**POLS 3223 Asian Politics**

**Description:** An overview of the major political, social, and economic challenges facing Asian countries.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Political Science

**POLS 3313 Middle Eastern Politics**

**Description:** An overview of the major political, social, and economic challenges facing Middle Eastern countries.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Political Science

**POLS 3353 Political Parties**

**Description:** An examination of political parties, including the role of parties in elections and government, how parties have changed through time, why there are only two major parties in the United States, and what factors influence how parties behave.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Political Science

**POLS 3423 Voting and Elections**

**Description:** Electoral systems and their relationship to political development, political socialization, issue emergence, voting patterns and electoral cycles.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Political Science

**POLS 3443 Pol Campaigns And Candidacy**

**Description:** Planning, fundraising, targeting, public opinion, support operations, voter contact, the mass media and candidate activities. Previously offered as POLS 3414.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Political Science

**POLS 3453 U.S. Congress**

**Description:** The power and organization of legislatures, as well as the selection and behavior of legislators. Special attention given to the U.S. Congress.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Political Science

**POLS 3483 The American Presidency**

**Description:** The politics of presidential selection, removal and succession; formal and informal powers of the president; relations with Congress, the national judiciary and national executive branch; proposed reforms and the vice-presidency.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Political Science

**POLS 3493 Public Policy**

**Prerequisites:** Any one of POLS 1013, POLS 2033, ECON 1113.

**Description:** Identification of policy options open to policy makers and examination of measurements and rationales underlying governmental programs. May not be used for degree credit with POLS 5613.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Political Science

**POLS 3513 Public Opinion and Polling**

**Description:** The nature of public opinion. Public opinion polling, the factors influencing opinion formation, and the effects of public opinion on policy and policy makers.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Political Science

**POLS 3523 Money, Media And Politics**

**Prerequisites:** POLS 1113.

**Description:** Techniques used by successful candidates for elective office to present their positions to the voting public. Beginning with the basic elements of fundraising exploration of current campaign finance laws, funding techniques and campaign budgeting. Message development, media production and ad placement. Preparation of a fundraising strategy.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Political Science

**POLS 3533 Lobbying: the Art of Influence and Manipulation****Prerequisites:** POLS 1113.**Description:** An exploration of how political scientists understand organized interests and their lobbying and grassroots activities. Traverses topics such as the origin of interests, collective action problems, lobbying techniques, and grassroots activism. Explores political action in multiple venues. Discusses the influence of groups in government.**Credit hours:** 3**Contact hours:** Lecture: 3 Contact: 3**Levels:** Undergraduate**Schedule types:** Lecture**Department/School:** Political Science**POLS 3613 State and Local Government****Description:** Political processes, government and administration of American states, cities and counties; special emphasis on Oklahoma.**Credit hours:** 3**Contact hours:** Lecture: 3 Contact: 3**Levels:** Undergraduate**Schedule types:** Lecture**Department/School:** Political Science**POLS 3663 Introduction to Political Thought****Description:** The teachings of the three lasting traditions of Western political thought: classical, Christian and modern.**Credit hours:** 3**Contact hours:** Lecture: 3 Contact: 3**Levels:** Undergraduate**Schedule types:** Lecture**Department/School:** Political Science**POLS 3683 Politics in Contemporary Film****Prerequisites:** POLS 1113.**Description:** The effect of politics on contemporary film. Exploration of the often subtle political imagery and symbolism contained in film.**Credit hours:** 3**Contact hours:** Lecture: 3 Contact: 3**Levels:** Undergraduate**Schedule types:** Lecture**Department/School:** Political Science**POLS 3893 Terrorism & Counterterrorism****Description:** This course examines the definition, causes, and consequences of terrorist activity. Special emphasis will also be given to key domestic and international counterterrorism responses.**Credit hours:** 3**Contact hours:** Lecture: 3 Contact: 3**Levels:** Undergraduate**Schedule types:** Lecture**Department/School:** Political Science**POLS 3953 Minorities in the American Political System (DS)****Prerequisites:** POLS 1113.**Description:** Examination of mass and elite level behavior of minorities in the contemporary U.S. political system.**Credit hours:** 3**Contact hours:** Lecture: 3 Contact: 3**Levels:** Undergraduate**Schedule types:** Lecture**Department/School:** Political Science**General Education and other Course Attributes:** Diversity, Social & Behavioral Sciences**POLS 3963 State Courts and the Bar****Description:** This course will cover the various constraints that exist within the decision-making outcomes of state courts, as well as the institutional biases found within state run criminal justice systems. It looks at the increasingly partisan nature of state court election cycles and the contemporary status of the legal academy, the Bar, and the economics of law firms. It will be particularly useful to those students thinking about continuing their education with the pursuit of a law degree.**Credit hours:** 3**Contact hours:** Lecture: 3 Contact: 3**Levels:** Undergraduate**Schedule types:** Lecture**Department/School:** Political Science**POLS 3973 Race, Politics and Sports (D)****Prerequisites:** POLS 1113.**Description:** Historical, as well as the contemporary relationship, between race, politics and sports in the U.S. political system.**Credit hours:** 3**Contact hours:** Lecture: 3 Contact: 3**Levels:** Undergraduate**Schedule types:** Lecture**Department/School:** Political Science**General Education and other Course Attributes:** Diversity**POLS 3983 Courts and Judicial Process (S)****Description:** The American judiciary and legal process from a political perspective with particular emphasis on judicial organization and powers, recruitment, fact-finding, decision-making, impact of decisions, the legal profession and relations among courts. Oklahoma judicial organization.**Credit hours:** 3**Contact hours:** Lecture: 3 Contact: 3**Levels:** Undergraduate**Schedule types:** Lecture**Department/School:** Political Science**General Education and other Course Attributes:** Social & Behavioral Sciences**POLS 3993 Legal Research And Analysis****Prerequisites:** POLS 2023 or HONR 2013.**Description:** Introduction to legal research methods, including state and federal reported cases, digests, annotated codes, state and federal administrative regulations, and computerized legal research, as well as an introduction to legal reasoning and analysis and the preparation of case briefs and memoranda.**Credit hours:** 3**Contact hours:** Lecture: 3 Contact: 3**Levels:** Undergraduate**Schedule types:** Lecture**Department/School:** Political Science**POLS 4000 Advanced Topics in American Politics****Prerequisites:** POLS 1113 or consent of instructor.**Description:** In-depth examination of critical topics and issues in American politics, including American political behavior and political leadership. May be repeated with different topics. May not be used for degree credit with POLS 5710. Offered for variable credit, 3 credit hours, maximum of 9 credit hours.**Credit hours:** 3**Contact hours:** Lecture: 3 Contact: 3**Levels:** Undergraduate**Schedule types:** Lecture**Department/School:** Political Science



**POLS 4010 Advanced Topics in International Relations****Prerequisites:** POLS 2013 or POLS 2113 or consent of instructor.**Description:** In-depth examination of critical topics and issues in International Relations. May be repeated with different topics. Offered for fixed credit, 3 credit hours, maximum of 6 credit hours. May not be used for degree credit with POLS 5210.**Credit hours:** 3**Contact hours:** Lecture: 3 Contact: 3**Levels:** Undergraduate**Schedule types:** Lecture**Department/School:** Political Science**POLS 4013 American Foreign Policy****Description:** An introduction to the history of America's foreign policy (with an emphasis on foreign relations since WWII), the dominant themes and goals of American foreign policy throughout time, contemporary issues that face the United States, and how foreign policy is made and enforced. May not be used for degree credit with POLS 5153.**Credit hours:** 3**Contact hours:** Lecture: 3 Contact: 3**Levels:** Undergraduate**Schedule types:** Lecture**Department/School:** Political Science**POLS 4020 Advanced Topics in Comparative Politics****Prerequisites:** POLS 2013 or POLS 2113 or consent of instructor.**Description:** In-depth examination of critical topics and issues in Comparative Politics. May be repeated with different topics. Offered for fixed credit, 3 credit hours, maximum of 6 credit hours. May not be used for degree credit with POLS 5410.**Credit hours:** 3**Contact hours:** Lecture: 3 Contact: 3**Levels:** Undergraduate**Schedule types:** Lecture**Department/School:** Political Science**POLS 4023 Security Analysis and Briefing****Description:** The purpose of this course is to introduce students to the world of intelligence analysis. Students will gain a basic understanding of the different types of intelligence, the way intelligence is analyzed, and the ways that analysts present their findings to the consumer. The course will develop critical thinking techniques and apply them to both hypothetical and real-world problems with a focus on the techniques used by professionals to present the results of their analyses. May not be used for degree credit with POLS 5223.**Credit hours:** 3**Contact hours:** Lecture: 3 Contact: 3**Levels:** Undergraduate**Schedule types:** Lecture**Department/School:** Political Science**POLS 4033 Civil Wars (I)****Prerequisites:** POLS 1113.**Description:** This course focuses on civil wars, insurgencies, and other conflicts that occur within the borders of countries. The course intends to present current theories and understanding of civil wars that can inform the examination and explanation of such conflicts, including why conflicts start, how conflicts end, the goals and strategies of rebel groups and governments, and the long-term effects of conflict are critical to forming domestic and international policies that provide peaceful alternatives to violence.**Credit hours:** 3**Contact hours:** Lecture: 3 Contact: 3**Levels:** Undergraduate**Schedule types:** Lecture**Department/School:** Political Science**General Education and other Course Attributes:** International Dimension**POLS 4043 Global Political Economy****Description:** An introduction to the major players, challenges, and theories shaping the modern global economy. Topics include economic development, globalization, trade, and foreign investment. May not be used for degree credit with INTL 5043. Previously offered as POLS 3043.**Credit hours:** 3**Contact hours:** Lecture: 3 Contact: 3**Levels:** Undergraduate**Schedule types:** Lecture**Department/School:** Political Science**POLS 4053 War And World Politics (I)****Description:** Students are introduced to the scientific study of war. Topics include why countries engage in conflict, the conduct of war, the ways in which wars end, and how peace is maintained between former rivals.**Credit hours:** 3**Contact hours:** Lecture: 3 Contact: 3**Levels:** Undergraduate**Schedule types:** Lecture**Department/School:** Political Science**General Education and other Course Attributes:** International Dimension**POLS 4100 Problems of Government, Politics and Public Policy****Description:** Special problem areas of government, politics and public policy concentrating on topics not covered in other departmental course offerings. May not be used for degree credit with POLS 5100. Offered for variable credit, 1-6 credit hours, maximum of 6 credit hours.**Credit hours:** 1-6**Contact hours:** Contact: 1-6 Other: 1-6**Levels:** Undergraduate**Schedule types:** Independent Study**Department/School:** Political Science**POLS 4113 International Organization****Description:** The last one hundred years have seen the rise of international organizations. This class explores the reasons for this proliferation, as well as the impact of organizations such as the United Nations, North Atlantic Treaty Organization, etc. for the conduct of international relations. May not be used for degree credit with POLS 5163.**Credit hours:** 3**Contact hours:** Lecture: 3 Contact: 3**Levels:** Undergraduate**Schedule types:** Lecture**Department/School:** Political Science



**POLS 4223 Social Movements****Prerequisites:** POLS 1113.**Description:** A study of the origins, activities, and impact of political and social movements. Students examine these theories and concepts by learning about several contemporary movements from other countries and the United States.**Credit hours:** 3**Contact hours:** Lecture: 3 Contact: 3**Levels:** Undergraduate**Schedule types:** Lecture**Department/School:** Political Science**POLS 4333 Improving Democracy: How to Reform Government by the People (S)****Description:** This course encourages students to think critically and creatively about political institutions in order to improve democracy. This course gives students the opportunity to explore prominent political reform proposals and their merits, as well as an opportunity to practice skills such as the ability to evaluate complex organizations in order to improve outcomes.**Credit hours:** 3**Contact hours:** Lecture: 3 Contact: 3**Levels:** Undergraduate**Schedule types:** Lecture**Department/School:** Political Science**General Education and other Course Attributes:** Social & Behavioral Sciences**POLS 4353 Administrative Law****Description:** Legal powers, limits, and procedures of administrative agencies with emphasis on federal and state administrative procedure acts. May not be used for degree credit with POLS 5713.**Credit hours:** 3**Contact hours:** Lecture: 3 Contact: 3**Levels:** Undergraduate**Schedule types:** Lecture**Department/School:** Political Science**POLS 4363 Environmental Law And Policy****Description:** Statutory law, case law, and administrative practices relating to regulation of the environment including environmental impact statements, pollution, public lands, and preservation law. May not be used for degree credit with POLS 5633.**Credit hours:** 3**Contact hours:** Lecture: 3 Contact: 3**Levels:** Undergraduate**Schedule types:** Lecture**Department/School:** Political Science**POLS 4403 Urban Politics and Management****Description:** Problems of governing and managing American metropolitan areas. May not be used for degree credit with POLS 5323.**Credit hours:** 3**Contact hours:** Lecture: 3 Contact: 3**Levels:** Undergraduate**Schedule types:** Lecture**Department/School:** Political Science**POLS 4413 Government Budgeting****Description:** The politics, planning and administration of government budgets. May not be used for degree credit with POLS 5320.**Credit hours:** 3**Contact hours:** Lecture: 3 Contact: 3**Levels:** Undergraduate**Schedule types:** Lecture**Department/School:** Political Science**POLS 4453 Public Personnel Administration****Description:** Problems, processes, and procedures of public personnel administration. May not be used for degree credit with POLS 5333.**Credit hours:** 3**Contact hours:** Lecture: 3 Contact: 3**Levels:** Undergraduate**Schedule types:** Lecture**Department/School:** Political Science**POLS 4553 American Political Thought****Description:** A survey of the major developments in American political thought from the Colonial period to the present, followed by a topical analysis of important recent theoretical developments in political science.**Credit hours:** 3**Contact hours:** Lecture: 3 Contact: 3**Levels:** Undergraduate**Schedule types:** Lecture**Department/School:** Political Science**POLS 4573 Democratic Theory****Description:** Investigates the origins, development, and continuing challenges of theories of democratic government, with particular emphasis on the American political tradition. Topics include citizenship, accountability, voting and elections, federalism, and institutional design.**Credit hours:** 3**Contact hours:** Lecture: 3 Contact: 3**Levels:** Undergraduate**Schedule types:** Lecture**Department/School:** Political Science**POLS 4593 Natural Resources and Environmental Policy****Description:** Current issues in the law, politics and administration of energy, land, water, mineral and other natural resources policy with particular emphasis on relations to environmental policies and law. May not be used for degree credit with POLS 5620.**Credit hours:** 3**Contact hours:** Lecture: 3 Contact: 3**Levels:** Undergraduate**Schedule types:** Lecture**Department/School:** Political Science**POLS 4623 Oklahoma Politics (S)****Prerequisites:** POLS 1113.**Description:** Introduction to Oklahoma Politics. Topics include the evolution of Oklahoma political institutions; the struggle to shape the Oklahoma political culture with special attention to the role of race and woman suffrage; political issues; the structure of Oklahoma political institutions at the state and local levels; and elections.**Credit hours:** 3**Contact hours:** Lecture: 3 Contact: 3**Levels:** Undergraduate**Schedule types:** Lecture**Department/School:** Political Science**General Education and other Course Attributes:** Social & Behavioral Sciences

**POLS 4653 Contemporary Political Thought**

**Description:** An analysis of 19th and 20th century political ideas, with emphasis on the rise and fall of ideologies along side controversies over relativism, positivism, pragmatism, and resurgent religious faiths.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Political Science

**POLS 4670 Advanced Topics in Political Theory**

**Description:** In-depth examination of critical topics and issues in classic, modern, or American political theory. May be repeated with different topics. Offered for fixed credit, 3 credit hours, maximum of 6 credit hours.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Political Science

**POLS 4693 Gender and Politics**

**Description:** Changing role of women in government and politics. Voting behavior, public opinion, women in government, and the women's movement.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Political Science

**POLS 4903 Senior Capstone Seminar**

**Prerequisites:** Political Science major with Junior or Senior standing and completion of POLS 3103 with a grade of "C" or better.

**Description:** This class, open only to Political Science majors in their final year of study, is intended to be the culmination of a student's undergraduate study of Political Science. Class sessions during the first half of the semester involve a review of the discipline, in which students educate their peers about some of the essential things they have learned in their coursework. During the second half of the semester, students engage in a practicum connected to the area of work/study they intend to pursue, and they complete a significant research project.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Political Science

**POLS 4963 U.S. Constitution: Civil Rights and Civil Liberties**

**Prerequisites:** POLS 2023 or POLS 3983 recommended.

**Description:** Development of principles of constitutional law by the Supreme Court concerning individual and group rights, with particular emphasis on equal protection of the laws concepts in matters of race, gender, wealth, citizenship, legislative reapportionment and voting rights, government employment and affirmative action programs. Legal research techniques.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Political Science

**POLS 4973 U.S. Constitution: Separation of Powers**

**Prerequisites:** POLS 2023 or POLS 3983 recommended.

**Description:** This course will cover the constitutional law governing the structure of the United States government, including such subjects as the power of the federal government, the separation of powers within the federal government, and the relationship between the federal government and the states (including substantive and due process rights under the Fourteenth Amendment).

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Political Science

**POLS 4980 Advanced Topics in Public Law**

**Prerequisites:** POLS 2023 and (POLS 3983 or POLS 3993) or consent of instructor.

**Description:** In-depth examination of critical topics and issues in Public Law. May be repeated with different topics. Offered for fixed credit, 3 credit hours, maximum of 6 credit hours.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Political Science

**POLS 4990 Independent Study**

**Description:** Application of major relevant theoretical perspectives to selected case studies of political problems and issue areas. Theories and attendant case studies selected by visiting faculty members. Offered for variable credit, 1-3 credit hours, maximum of 6 credit hours.

**Credit hours:** 1-3

**Contact hours:** Contact: 1-3 Other: 1-3

**Levels:** Undergraduate

**Schedule types:** Independent Study

**Department/School:** Political Science

**POLS 4993 Political Science Honors Thesis**

**Prerequisites:** Departmental invitation, senior standing, Honors Program participation.

**Description:** A guided reading and research program ending with an honors thesis under the direction of a faculty member, with second faculty reader and oral examination. Required for graduation with departmental honors in political science.

**Credit hours:** 3

**Contact hours:** Contact: 3 Other: 3

**Levels:** Undergraduate

**Schedule types:** Independent Study

**Department/School:** Political Science

**General Education and other Course Attributes:** Honors Credit

**POLS 5000 Thesis**

**Description:** Thesis. Offered for variable credit, 1-6 credit hours, maximum of 6 credit hours.

**Credit hours:** 1-6

**Contact hours:** Contact: 1-6 Other: 1-6

**Levels:** Graduate

**Schedule types:** Independent Study

**Department/School:** Political Science

**POLS 5013 Quantitative Methods****Prerequisites:** POLS 5103.**Description:** Required of all graduate students. Fundamental methodological issues in the scientific study of politics. Logic of science, principles of research design and computer data manipulation and analysis.**Credit hours:** 3**Contact hours:** Lecture: 3 Contact: 3**Levels:** Graduate**Schedule types:** Lecture**Department/School:** Political Science**POLS 5020 Creative Component****Description:** Individually supervised research. Offered for fixed credit, 3 credit hours, maximum of 6 credit hours.**Credit hours:** 3**Contact hours:** Contact: 3 Other: 3**Levels:** Graduate**Schedule types:** Independent Study**Department/School:** Political Science**POLS 5023 Foundation of Political Science****Description:** Overview of the foundational works, theories and approaches that define the discipline of political science and serve as bridges across its subfields.**Credit hours:** 3**Contact hours:** Lecture: 3 Contact: 3**Levels:** Graduate**Schedule types:** Lecture**Department/School:** Political Science**POLS 5030 Internship in Public Administration and Government****Description:** Individually supervised internships in administrative and governmental career areas. Paper required. Offered for variable credit, 1-6 credit hours, maximum of 6 credit hours.**Credit hours:** 1-6**Contact hours:** Contact: 1-6 Other: 1-6**Levels:** Graduate**Schedule types:** Independent Study**Department/School:** Political Science**POLS 5040 Readings in Politics, Public Policy or Public Administration****Prerequisites:** Consent of supervising professor.**Description:** Readings in the student's major area of study. Offered for variable credit, 1-6 credit hours, maximum of 6 credit hours.**Credit hours:** 1-6**Contact hours:** Contact: 1-6 Other: 1-6**Levels:** Graduate**Schedule types:** Independent Study**Department/School:** Political Science**POLS 5100 Directed Study****Description:** Directed study for master's level students. May not be used for degree credit with POLS 4100. Offered for variable credit, 1-3 credit hours, maximum of 6 credit hours.**Credit hours:** 1-3**Contact hours:** Contact: 1-3 Other: 1-3**Levels:** Graduate**Schedule types:** Independent Study**Department/School:** Political Science**POLS 5103 Research Design****Prerequisites:** Graduate standing.**Description:** Overview of research design, including conceptualization and operationalization, literature review, deductive and inductive theorizing, hypothesis testing, quantitative and qualitative data collection and analysis.**Credit hours:** 3**Contact hours:** Lecture: 3 Contact: 3**Levels:** Graduate**Schedule types:** Lecture**Department/School:** Political Science**POLS 5113 Seminar in Public Program Evaluation****Description:** Methodology of evaluation research in public programs. Emphasis will be placed on designing and interpreting evaluative studies rather than the mastery of particular mathematical, statistical or computer skills.**Credit hours:** 3**Contact hours:** Lecture: 3 Contact: 3**Levels:** Graduate**Schedule types:** Lecture**Department/School:** Political Science**POLS 5133 Politics and Political Economy in the European Union****Description:** The institutions and policy-making process of the European Union (EU) and the theoretical traditions in the study of European integration. The institutional form of the EU and the type of European policy that is emerging.**Credit hours:** 3**Contact hours:** Lecture: 3 Contact: 3**Levels:** Graduate**Schedule types:** Lecture**Department/School:** Political Science**POLS 5143 Social and Political Perspectives in Europe****Description:** Examination of the current and historical social, cultural and political landscapes of European societies. Material related to identity politics, citizenship, democratization and collective memory feature regularly in the course.**Credit hours:** 3**Contact hours:** Lecture: 3 Contact: 3**Levels:** Graduate**Schedule types:** Lecture**Department/School:** Political Science**POLS 5153 American Foreign Policy****Description:** An introduction to the history of America's foreign policy (with an emphasis on foreign relations since WWII), the dominant themes and goals of American foreign policy throughout time, contemporary issues that face the United States, and how foreign policy is made and enforced. May not be used for degree credit with POLS 4013.**Credit hours:** 3**Contact hours:** Lecture: 3 Contact: 3**Levels:** Graduate**Schedule types:** Lecture**Department/School:** Political Science

**POLS 5163 International Organization**

**Description:** The last one hundred years have seen the rise of international organizations. This class explores the reasons for this proliferation, as well as the impact of organizations such as the United Nations, North Atlantic Treaty Organization, etc. for the conduct of international relations. May not be used for degree credit with POLS 4113.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Graduate

**Schedule types:** Lecture

**Department/School:** Political Science

**POLS 5203 ProSeminar in International Relations**

**Description:** A general survey intended to introduce students to major theoretical paradigms, applications, and debates in the field of international relations.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Graduate

**Schedule types:** Lecture

**Department/School:** Political Science

**POLS 5210 Topics Seminar in International Relations**

**Description:** In-depth examination of critical topics and issues in International Relations. May be repeated up to 6 hours with different topics. Offered for fixed credit, 3 credit hours, maximum of 6 credit hours. May not be used for degree credit with POLS 4010.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Graduate

**Schedule types:** Lecture

**Department/School:** Political Science

**POLS 5213 Seminar in the International Political Economy**

**Prerequisites:** Graduate standing.

**Description:** Research on the mechanics and theories of interaction between economic and political phenomena. Same course as INTL 5213.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Graduate

**Schedule types:** Lecture

**Department/School:** Political Science

**POLS 5223 Security Analysis and Briefing**

**Description:** The purpose of this course is to provide students with the basic tools used by intelligence analysis. In the course, we will discuss the psychology of intelligence, how to nurture analytical creativity, methods of intelligence analysis, and ways that analysts present their findings to the consumer. We will also engage in several exercises involving both hypothetical and real-world problems that will allow you to develop your critical thinking skills. Finally, we will create an intelligence product that brings together all the skills learned in the course. May not be used for degree credit with POLS 4023.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Graduate

**Schedule types:** Lecture

**Department/School:** Political Science

**POLS 5253 Conflict Management and Peacebuilding**

**Description:** An introduction to the tactics, strategies, and tools of conflict management. Student will engage with current research in this field, with a focus on understanding of what works - and what does not - in resolving civil wars and communal violence.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Graduate

**Schedule types:** Lecture

**Department/School:** Political Science

**POLS 5273 Diplomacy**

**Description:** Overview of the theoretical and practical dimensions of diplomacy. This class explores the history of diplomacy, its place within the study of international relations, the rise of diplomatic norms, the evolution of diplomacy, and the fragility and art of negotiation.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Graduate

**Schedule types:** Lecture

**Department/School:** Political Science

**POLS 5313 Public Management**

**Description:** Introduction to the general principles of management as they are applied in the public sector. Systems theory, organization design, and techniques of supervision.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Graduate

**Schedule types:** Lecture

**Department/School:** Political Science

**POLS 5320 Seminar in Public Budgeting and Finance**

**Description:** Major processes and practices involved in governmental budgeting in the United States at national, state and local level. May not be used for degree credit with POLS 4413. Offered for fixed credit, 3 credit hours, maximum of 6 credit hours.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Graduate

**Schedule types:** Lecture

**Department/School:** Political Science

**POLS 5323 Urban Politics and Management**

**Description:** Introduction to the concepts, processes and techniques of managing urban political systems to include problems of leadership, decision-making, general management and group behavior. May not be used for degree credit with POLS 4403.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Graduate

**Schedule types:** Lecture

**Department/School:** Political Science

**POLS 5333 Seminar in Public Personnel Administration**

**Description:** Current practices, problems and issues in public sector personnel administration, including merit system, civil service reform collective bargaining, and equal opportunity and affirmative action. May not be used for degree credit with POLS 4453.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Graduate

**Schedule types:** Lecture

**Department/School:** Political Science

**POLS 5353 Seminar in Design, Structure and Processes of Public Organizations**

**Description:** Administration in the public sector, stressing traditional and emerging organization structures. Awareness of administrative processes and environment that include program design, implementation, and administrative accountability.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Graduate

**Schedule types:** Lecture

**Department/School:** Political Science

**POLS 5363 Public Sector Dispute Resolution**

**Prerequisites:** Senior or graduate standing.

**Description:** Labor relations and employment issues in the public sector, and the various methods for resolving government personnel conflicts without resort to violence or litigation. Focus on labor law, employment law and Alternative Dispute Resolution as they apply to government employment.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Graduate

**Schedule types:** Lecture

**Department/School:** Political Science

**POLS 5393 Politics of Disaster**

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Graduate

**Schedule types:** Lecture

**Department/School:** Political Science

**POLS 5403 ProSeminar in Comparative Politics**

**Prerequisites:** Graduate standing and 5303 or consent of instructor.

**Description:** Situates disaster phases in the political context at the local, national, and international levels. Examines research on specific events and their interactive effects between the political system and various phases of disaster.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Graduate

**Schedule types:** Lecture

**Department/School:** Political Science

**POLS 5410 Topics Seminar in Comparative Politics**

**Description:** In-depth examination of critical topics and issues in Comparative Politics. May be repeated up to 6 hours with different topics. May not be used for degree credit with POLS 4020. Offered for fixed credit, 3 credit hours, maximum of 6 credit hours.

**Credit hours:** 3

**Contact hours:** Contact: 3 Other: 3

**Levels:** Graduate

**Schedule types:** Independent Study

**Department/School:** Political Science

**POLS 5510 Seminar in Political Behavior**

**Description:** Examination of contemporary theories of political behavior with emphasis on empirical studies. Offered for variable credit, 1-3 credit hours, maximum of 6 credit hours.

**Credit hours:** 1-3

**Contact hours:** Contact: 3-18 Other: 3-18

**Levels:** Graduate

**Schedule types:** Independent Study

**Department/School:** Political Science

**POLS 5513 Seminar in Political Psychology**

**Description:** Examination of psychological theories as they pertain to political behavior, including attitude change, political cognition, public opinion and decision-making.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Graduate

**Schedule types:** Lecture

**Department/School:** Political Science

**POLS 5613 Public Policy Analysis**

**Description:** Analytical methods for evaluating public policies and examination of the public processes including policy design, implementation and evaluation. May not be used for degree credit with POLS 3493.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Graduate

**Schedule types:** Lecture

**Department/School:** Political Science

**POLS 5620 Seminar in Natural Resource Policy, Law and Administration**

**Description:** Analysis of the legal and public policy aspects of environmental regulation, including special emphasis on one of three components: environmental law, administrative law, and national resource law and policy. May not be used for degree credit with POLS 4593. Offered for fixed credit, 3 credit hours, maximum of 9 credit hours.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Graduate

**Schedule types:** Lecture

**Department/School:** Political Science

**POLS 5633 Practical Environmental Compliance**

**Description:** Environmental decision-making, reading and understanding environmental statutes and regulations, and effectively dealing with the EPA. Environmental permitting and enforcement, policies and procedures. Review of hazardous waste regulations with emphasis on ground water problems. May not be used for degree credit with POLS 4363.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Graduate

**Schedule types:** Lecture

**Department/School:** Political Science

**POLS 5643 Regulatory Risk Analysis**

**Description:** Risk-based decision making, government's risk analysis paradigm, risk analysis policy, and social aspects of risk assessment. Review of the RCRA corrective action, CERCLA (Superfund) remedial action, and NEPA environmental impact study programs.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Graduate

**Schedule types:** Lecture

**Department/School:** Political Science



**POLS 5673 Understanding and Responding to Terrorism**

**Description:** Exploration of the experience of non-state terrorism in the U.S. and Western European democracies in the late 20th century. Understanding terrorism as a political, social, and historical phenomenon; the current and future threat of terrorism, both foreign and domestic; governmental choices in responding to terrorism in democratic societies and; U.S. anti-terrorism policies and considerations that emergency responders face in preparing for and responding to terrorist incidents.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Graduate

**Schedule types:** Lecture

**Department/School:** Political Science

**POLS 5703 ProSeminar in American Politics**

**Description:** Overview of a wide range of classic works in American institutions and Political Behavior. It examines not only the classic works in each area of these subfields, but a sampling of current work being done in the field.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Graduate

**Schedule types:** Lecture

**Department/School:** Political Science

**POLS 5710 Topics Seminar in American Politics**

**Description:** In-depth examination of critical topics and issues in American Politics. May be repeated up to 6 hours with different topics. May not be used for degree credit with POLS 4000. Offered for fixed credit, 3 credit hours, maximum of 6 credit hours.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Graduate

**Schedule types:** Lecture

**Department/School:** Political Science

**POLS 5713 Seminar in Public Law**

**Description:** Literature of public law in the United States. Overview of the approaches that shape the theoretical and empirical contours of the public law field and contribute to multidisciplinary law and social science studies. May not be used for degree credit with POLS 4353.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Graduate

**Schedule types:** Lecture

**Department/School:** Political Science

**POLS 5720 Topics in Political Science**

**Description:** In-depth examination of critical topics and issues in Political Science. May be repeated up to 6 hours with different topics. Offered for fixed credit, 1-3 credit hours, maximum of 6 credit hours.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Graduate

**Schedule types:** Lecture

**Department/School:** Political Science

**POLS 5743 Seminar in Political Communication**

**Description:** Examination of recent theories within politics and the media, including effects of media on opinion, role of media as a political institution and the role of media during elections.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Graduate

**Schedule types:** Lecture

**Department/School:** Political Science

**POLS 5810 Seminar in Women and Politics**

**Prerequisites:** Graduate standing.

**Description:** Research on a variety of topics concerning women and politics, including women's movements, women and elections, and public opinion. Offered for fixed credit, 3 credit hours, maximum of 9 credit hours.

**Credit hours:** 3

**Contact hours:** Contact: 3 Other: 3

**Levels:** Graduate

**Schedule types:** Independent Study

**Department/School:** Political Science

**POLS 5943 Complex Emergencies**

**Prerequisites:** Graduate Standing.

**Description:** This course examines complex emergencies from an emergency management perspective. We will look at the collapse of governance, the causes of armed conflict, food insecurity, infectious disease, natural disasters, and so on and examine specific cases in detail. Furthermore, we will look at how the international community responds to these crises, and which agencies are involved in relief efforts. We will apply the traditional four phases of disaster management these situations.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Graduate

**Schedule types:** Lecture

**Department/School:** Political Science

**POLS 6000 Doctoral Dissertation Research**

**Prerequisites:** Consent of major professor.

**Description:** Research for PhD dissertation. Offered for variable credit, 1-12 credit hours, maximum of 60 credit hours.

**Credit hours:** 1-12

**Contact hours:** Contact: 1-12 Other: 1-12

**Levels:** Graduate

**Schedule types:** Independent Study

**Department/School:** Political Science

**POLS 6013 Qualitative Methods**

**Prerequisites:** POLS 5103.

**Description:** Qualitative methods for collecting and analyzing data from the social sciences.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Graduate

**Schedule types:** Lecture

**Department/School:** Political Science

## Undergraduate Programs

- Political Science, BA (p. 1681)
- Political Science, BS (p. 1684)
- Political Science: Global Politics, BA (p. 1687)
- Political Science: Global Politics, BS (p. 1690)



- Political Science: Practical Politics - Campaigning, Lobbying and Policymaking, BA (p. 1693)
- Political Science: Practical Politics - Campaigning, Lobbying and Policymaking, BS (p. 1696)
- Political Science: Pre-Law, BA (p. 1699)
- Political Science: Pre-Law, BS (p. 1702)
- Political Science: Public Policy, BA (p. 1705)
- Political Science: Public Policy, BS (p. 1707)

## Graduate Programs

The Department of Political Science offers a Master of Arts degree in political science.

Candidates for the Master of Arts degree in political science complete a foundation of 15 hours of study and devote their remaining hours to specialization in two of the following areas: American politics, comparative politics and international relations, with further specialization within these areas also possible. The plan is designed to prepare professional political scientists for careers in research and teaching, as well as administrative and policy positions in local, state or national government and international affairs.

For more information, go to our website [polsci.okstate.edu](https://polsci.okstate.edu) (<https://polsci.okstate.edu>).

## Admission Requirements for Master's Degree Programs

Any student having a bachelor's degree with an overall 3.00 grade-point average (on a 4.00 scale) may be admitted as a student in full standing. Those with less than an overall 3.00 grade-point average are considered for admission on a probationary basis. All graduate students in the MA program would benefit from completion of an undergraduate statistics class. A GRE exam score is required for the MA program.

## Degree Requirements for the MA in Political Science

In addition to the general requirements of the Graduate College, requirements for the Master of Arts degree in political science are listed below.

1. A minimum of 33 credit hours in political science or closely related courses. These include:

Code	Title	Hours
<b>Research Methods and Foundations of Political Science</b>		
POLS 5103	Research Design	3
POLS 5013	Quantitative Methods	3
<b>Proseminars</b>		
POLS 5703	ProSeminar in American Politics	3
POLS 5403	ProSeminar in Comparative Politics	3
POLS 5203	ProSeminar in International Relations	3
<b>Electives</b>		
Select at least six hours in two of the following subfields:		12
American Politics		
Comparative Politics		
International Relations		
Select six hour thesis		6

A minimum of 21 hours of political science graduate seminars (seminars numbered 5000 or above) is required. The student must successfully defend the thesis orally before the faculty committee.

2. Minimum 3.00 grade-point average, with only one grade of "C" allowed.

## Minors

- Campaigns and Lobbying (CAML), Minor (p. 1676)
- Intelligence and Security Analysis (INSA), Minor (p. 1677)
- Law and Legal Studies (LLS), Minor (p. 1678)
- Political Science (POLS), Minor (p. 1679)

## Faculty

Howard Sanborn, PhD—Department Head and Professor

**Regents Professor:** Robert Darcy, PhD (emeritus)

**Professors:** Robert E. England, PhD (emeritus); Rebekah Herrick, PhD; James J. Lawler, PhD, JD (emeritus); Seth McKee, PhD; Jeanette Mendez, PhD; Robert L. Spurrier, Jr., PhD (emeritus); Theodore Vestal, PhD (emeritus)

**Associate Professors:** Danny M. Adkison, EdD; Anthony E. Brown, PhD (emeritus); James A. Davis, PhD (emeritus); William J. Focht, PhD (emeritus); Joshua Jansa, PhD; Joel M. Jenswold, PhD (emeritus); Jason Kirksey, PhD; Stephen Nemeth, PhD; Eve Ringsmuth, PhD; Peter Rudloff, PhD; Erica Townsend-Bell, PhD

**Assistant Professors:** Brooke Coe, PhD; Cole Harvey, PhD; Haruka Nagao, PhD; Kristin Olofsson, PhD

**Teaching Assistant Professors:** Holley Hansen, PhD; Alex Smith, PhD

## Campaigns and Lobbying (CAML), Minor

For additional information on requirements on minors, click here (<https://adminfinance.okstate.edu/site-files/documents/policies/requirements-for-undergraduate-and-graduate-minors.pdf>).

**Requirements for Students Matriculating in or before Academic Year 2022-2023.** Learn more about University Academic Regulation 3.1 (p. 943).

Vincent Burke, 201 MUR, 405-744-5569

**Minimum Grade Point Average in Minor Coursework:** 2.50 with no grade below "C."

**Total Hours:** 18

Code	Title	Hours
<b>Minor Requirements</b>		
POLS 3443	Pol Campaigns And Candidacy	3
POLS 3523	Money, Media And Politics	3
POLS 3533	Lobbying: the Art of Influence and Manipulation	3
Select 9 hours of the following:		9
MKTG 3213	Marketing (S)	
MMJ 4753	Media and Elections	
POLS 3353	Political Parties	
POLS 3423	Voting and Elections	
POLS 3513	Public Opinion and Polling	
POLS 4000	Advanced Topics in American Politics	
POLS 4333	Improving Democracy: How to Reform Government by the People (S)	
PSYC 4153	Psychology and Mass Media	
SC 3443	Social Media	
SC 4013	Advertising Media and Markets	
SC 4843	Strategic Communication Campaigns	
SPCH 3733	Elements of Persuasion (S)	
<b>Total Hours</b>		<b>18</b>

## Additional OSU Requirements

### Undergraduate Minors

- An undergraduate minor must include between fifteen and thirty hours, inclusive of undergraduate coursework.
- A minimum of six credit hours for the minor must be earned in residence at OSU.
- The courses required for a minor may be included in the course requirements for any undergraduate degree or they may be in addition to degree requirements, depending on the overlap between the minor and degree requirements. However, an undergraduate minor must be earned in an academic field other than the student's declared degree option. The minor may not duplicate the degree major or option (for example, a student who earns a BA in Art with an Art History option may earn a minor in Studio Art but not Art History).
- A student generally follows the minor requirements associated with his or her matriculation year or newer requirements that have been established since matriculation. The time limit for following requirements from a given academic year is six years.

## Intelligence and Security Analysis (INSA), Minor

**Requirements for Students Matriculating in or before Academic Year 2022-2023.** Learn more about University Academic Regulation 3.1 (p. 943).

Vincent Burke, 201 MUR, 405-744-5569

**Minimum Overall Grade Point Average: 2.50**

**Total Hours: 18**

Code	Title	Hours
<b>Minor Requirements</b>		
POLS 2013	Introduction to International Relations (S)	3
or POLS 2113	Introduction to Comparative Politics (IS)	
POLS 4013	American Foreign Policy	3
POLS 4023	Security Analysis and Briefing	3
Select 9 hours of Option A (Approaches) & B (Topics), at least one course in each Option		9
Option A (Approaches):		
CS 1103	Computer Programming (A)	
ECON 4213	Econometric Methods	
GEOG 2344	Digital Tools for Environmental Problem-Solving (LN)	
GEOG 3333	Spatial Analysis (A)	
GEOG 4203	Fundamentals of Geographic Information Systems	
GEOG 4263	Geospatial Applications for Unmanned Aerial Systems	
GEOG 4273	Land Use Science	
GEOG 4323	Mapping in Modern Society	
GEOG 4333	Remote Sensing	
POLS 3103	Introduction to Political Inquiry	
Option B (Topics):		
AERO 4103	National Security, Leadership Responsibilities and Commissioning Preparation I	
AERO 4203	National Security, Leadership Responsibilities and Commissioning Preparation II	
GEOG 3133	Political Geography (IS)	
HIST 4353	American Military History (H)	
MC 3113	Introduction to Media Effects	
MC 4153	International Mass Communication	
POLS 3033	International Law	
POLS 3493	Public Policy	
POLS 3983	Courts and Judicial Process (S)	
POLS 4000	Advanced Topics in American Politics	
POLS 4010	Advanced Topics in International Relations	
POLS 4043	Global Political Economy	
<b>Total Hours</b>		<b>18</b>

## Other Requirements

- No grade below "C."

## Additional OSU Requirements

### Undergraduate Minors

- An undergraduate minor must include between fifteen and thirty hours, inclusive of undergraduate coursework.
- A minimum of six credit hours for the minor must be earned in residence at OSU.
- The courses required for a minor may be included in the course requirements for any undergraduate degree or they may be in addition to degree requirements, depending on the overlap between the minor and degree requirements. However, an undergraduate minor must be earned in an academic field other than the student's declared degree option. The minor may not duplicate the degree major or option (for example, a student who earns a BA in Art with an Art History option may earn a minor in Studio Art but not Art History).
- A student generally follows the minor requirements associated with his or her matriculation year or newer requirements that have been established since matriculation. The time limit for following requirements from a given academic year is six years.

For additional information on requirements on minors, click here (<https://adminfinance.okstate.edu/site-files/documents/policies/requirements-for-undergraduate-and-graduate-minors.pdf>).

## Law and Legal Studies (LLS), Minor

**Requirements for Students Matriculating in or before Academic Year 2022-2023.** Learn more about University Academic Regulation 3.1 (p. 943).

Vincent Burke, 201 MUR, 405-744-5569

**Minimum Grade Point Average in Minor Coursework:** 2.50 with no grade below "C."

**Total Hours:** 18

Code	Title	Hours
<b>Minor Requirements</b>		
POLS 2023 or HONR 2013	The Individual And The Law Honors Law and Legal Institutions (S)	3
POLS 3983	Courts and Judicial Process (S)	3
POLS 3993	Legal Research And Analysis	3
Select 9 hours of the following:		9
AGEC 3713	Agricultural Law	
ENGR 4103	Impact of Law on Engineering Practice	
ENGR 4133	Environmental Regulation for Technical Professionals (S)	
LSB 3213	Legal and Regulatory Environment of Business	
PHIL 3843	Philosophy of Law (H)	
POLS 3033	International Law	
POLS 3963	State Courts and the Bar	
POLS 4353	Administrative Law	
POLS 4363	Environmental Law And Policy	
POLS 4963	U.S. Constitution: Civil Rights and Civil Liberties	
POLS 4973	U.S. Constitution: Separation of Powers	
POLS 4980	Advanced Topics in Public Law	
PSYC 4143	Psychology and Law	
SOC 4313	Sociology of Law	
<b>Total Hours</b>		<b>18</b>

For additional information on requirements on minors, click here (<https://adminfinance.okstate.edu/site-files/documents/policies/requirements-for-undergraduate-and-graduate-minors.pdf>).

## Additional OSU Requirements

### Undergraduate Minors

- An undergraduate minor must include between fifteen and thirty hours, inclusive of undergraduate coursework.
- A minimum of six credit hours for the minor must be earned in residence at OSU.
- The courses required for a minor may be included in the course requirements for any undergraduate degree or they may be in addition to degree requirements, depending on the overlap between the minor and degree requirements. However, an undergraduate minor must be earned in an academic field other than the student's declared degree option. The minor may not duplicate the degree major or option (for example, a student who earns a BA in Art with an Art History option may earn a minor in Studio Art but not Art History).
- A student generally follows the minor requirements associated with his or her matriculation year or newer requirements that have been established since matriculation. The time limit for following requirements from a given academic year is six years.

## Political Science (POLS), Minor

**Requirements for Students Matriculating in or before Academic Year 2022-2023.** Learn more about University Academic Regulation 3.1 (p. 943).

Vincent Burke, 201 MUR, 405-744-5569

**Minimum Grade Point Average in Minor Coursework:** 2.50 with no grade below "C."

**Total Hours:** 15

Code	Title	Hours
<b>Minor Requirements</b>		
Select 15 upper-division hours to include three fields of political science (public law, American politics, public administration, political theory, comparative politics and international relations) <sup>1</sup>		15
<i>American Politics</i>		
POLS 3353	Political Parties	
POLS 3423	Voting and Elections	
POLS 3443	Pol Campaigns And Candidacy	
POLS 3453	U.S. Congress	
POLS 3483	The American Presidency	
POLS 3513	Public Opinion and Polling	
POLS 3523	Money, Media And Politics	
POLS 3533	Lobbying: the Art of Influence and Manipulation	
POLS 3683	Politics in Contemporary Film	
POLS 3953	Minorities in the American Political System (DS)	
POLS 3973	Race, Politics and Sports (D)	
POLS 4000	Advanced Topics in American Politics	
POLS 4333	Improving Democracy: How to Reform Government by the People (S)	
POLS 4623	Oklahoma Politics (S)	
POLS 4693	Gender and Politics	
<i>Comparative Government</i>		
POLS 3003	The Soviet Union: History, Society and Culture(IS)	
POLS 3053	Introduction to Central Asia Studies (IS)	
POLS 3123	Russian & Eurasian Politics (I)	
POLS 3143	European Politics (I)	
POLS 3163	African Politics (I)	
POLS 3193	Latin American Politics (IS)	
POLS 3223	Asian Politics	
POLS 3313	Middle Eastern Politics	
POLS 4020	Advanced Topics in Comparative Politics	
POLS 4223	Social Movements	
<i>International Relations</i>		
POLS 3033	International Law	
POLS 3893	Terrorism & Counterterrorism	
POLS 4010	Advanced Topics in International Relations	
POLS 4013	American Foreign Policy	
POLS 4023	Security Analysis and Briefing	
POLS 4033	Civil Wars (I)	

POLS 4043	Global Political Economy
POLS 4053	War And World Politics (I)
POLS 4113	International Organization
<i>Public Law</i>	
POLS 3963	State Courts and the Bar
POLS 3983	Courts and Judicial Process (S)
POLS 3993	Legal Research And Analysis
POLS 4353	Administrative Law
POLS 4363	Environmental Law And Policy
POLS 4963	U.S. Constitution: Civil Rights and Civil Liberties
POLS 4973	U.S. Constitution: Separation of Powers
POLS 4980	Advanced Topics in Public Law
<i>Public Policy/Public Administration</i>	
POLS 3493	Public Policy
POLS 3613	State and Local Government
POLS 4100	Problems of Government, Politics and Public Policy
POLS 4403	Urban Politics and Management
POLS 4413	Government Budgeting
POLS 4453	Public Personnel Administration
POLS 4593	Natural Resources and Environmental Policy
<i>Political Theory and Methodology</i>	
POLS 3103	Introduction to Political Inquiry
POLS 3663	Introduction to Political Thought
POLS 4553	American Political Thought
POLS 4573	Democratic Theory
POLS 4653	Contemporary Political Thought
POLS 4670	Advanced Topics in Political Theory
POLS 4903	Senior Capstone Seminar

**Total Hours** 15

<sup>1</sup>

At least 3 of the hours must be taken in a field other than American politics, public law, and public administration.

## Additional OSU Requirements

### Undergraduate Minors

- An undergraduate minor must include between fifteen and thirty hours, inclusive of undergraduate coursework.
- A minimum of six credit hours for the minor must be earned in residence at OSU.
- The courses required for a minor may be included in the course requirements for any undergraduate degree or they may be in addition to degree requirements, depending on the overlap between the minor and degree requirements. However, an undergraduate minor must be earned in an academic field other than the student's declared degree option. The minor may not duplicate the degree major or option (for example, a student who earns a BA in Art with an Art History option may earn a minor in Studio Art but not Art History).
- A student generally follows the minor requirements associated with his or her matriculation year or newer requirements that have

been established since matriculation. The time limit for following requirements from a given academic year is six years.

For additional information on requirements on minors, click here (<https://adminfinance.okstate.edu/site-files/documents/policies/requirements-for-undergraduate-and-graduate-minors.pdf>).



# Political Science, BA

## Degree Requirements

**Requirements for Students Matriculating in or before Academic Year 2022-2023.** Learn more about University Academic Regulation 3.1 (p. 943).

**Minimum Overall Grade Point Average: 2.00**

**Total Hours: 120**

Code	Title	Hours
<b>General Education Requirements</b>		
<i>English Composition</i>		
See Academic Regulation 3.5 (p. 944)		
ENGL 1113	Composition I	3
or ENGL 1313	Critical Analysis and Writing I	
Select one of the following:		3
ENGL 1213	Composition II	
ENGL 1413	Critical Analysis and Writing II	
ENGL 3323	Technical Writing	
<i>American History &amp; Government</i>		
HIST 1103	Survey of American History	3
or HIST 1483	American History to 1865 (H)	
or HIST 1493	American History Since 1865 (DH)	
POLS 1113	American Government	3
<i>Analytical &amp; Quantitative Thought (A)</i>		
MATH or STAT course designated (A)		3
<i>Humanities (H)</i>		
Courses designated (H)		6
<i>Natural Sciences (N)</i>		
Must include one Laboratory Science (L) course		
Courses designated (N)		6
<i>Social &amp; Behavioral Sciences (S)</i>		
SPCH 2713	Introduction to Speech Communication (S)	3
or SPCH 3733	Elements of Persuasion (S)	
<i>Additional General Education</i>		
Courses designated (A), (H), (N), or (S)		10
<b>Hours Subtotal</b>		<b>40</b>
<b>Diversity (D) &amp; International Dimension (I)</b>		
May be completed in any part of the degree plan		
Select at least one Diversity (D) course		
Select at least one International Dimension (I) course		
<b>College/Departmental Requirements</b>		
<i>First Year Seminar</i>		
(Transfer students with 15 hours exempt)		1
<i>Arts &amp; Humanities</i>		
See note 2.a.		9
<i>Natural &amp; Mathematical Sciences</i>		
See note 2.b.		3
<i>Foreign Language</i>		
See note 3		9
<i>Non-Western Studies</i>		
See note 2.d.		

### Upper-Division General Education

Select 6 hours outside major department

See note 2.c.

**Hours Subtotal 22**

### Major Requirements

Minimum GPA 2.50 with a minimum grade of "C" in each course.

#### Core Requirements

POLS 2013	Introduction to International Relations (S)	3
or POLS 2113	Introduction to Comparative Politics (IS)	
POLS 2213	Fundamentals of Political Science	3
POLS 3103	Introduction to Political Inquiry	3
POLS 4903	Senior Capstone Seminar	3
At least 18 hours of upper-division (3000- or 4000-level) POLS (excluding core requirements listed above)		18
Upper-division courses to complete the required 39 may be POLS or any other 3000- or 4000-level courses		9

**Hours Subtotal 39**

#### Electives

Select 19 hours 19

May need to include 6 hours upper-division general education outside major department (see note 2.c.), and 7 additional upper-division hour

15 hours in one foreign language recommended for students focusing on International Relations

**Hours Subtotal 19**

**Total Hours 120**

## Upper-Division POLS Courses

Code	Title	Hours
POLS 3003	The Soviet Union: History, Society and Culture(IS)	3
POLS 3033	International Law	3
POLS 3053	Introduction to Central Asia Studies (IS)	3
POLS 3090	Teaching Practicum	1-6
POLS 3100	Political Science Internship	1-6
POLS 3101	Oklahoma Intercollegiate Legislature	1
POLS 3123	Russian & Eurasian Politics (I)	3
POLS 3143	European Politics (I)	3
POLS 3163	African Politics (I)	3
POLS 3193	Latin American Politics (IS)	3
POLS 3223	Asian Politics	3
POLS 3313	Middle Eastern Politics	3
POLS 3353	Political Parties	3
POLS 3423	Voting and Elections	3
POLS 3443	Pol Campaigns And Candidacy	3
POLS 3453	U.S. Congress	3
POLS 3483	The American Presidency	3
POLS 3493	Public Policy	3
POLS 3513	Public Opinion and Polling	3
POLS 3523	Money, Media And Politics	3
POLS 3533	Lobbying: the Art of Influence and Manipulation	3
POLS 3613	State and Local Government	3

POLS 3663	Introduction to Political Thought	3
POLS 3683	Politics in Contemporary Film	3
POLS 3893	Terrorism & Counterterrorism	3
POLS 3953	Minorities in the American Political System (DS)	3
POLS 3963	State Courts and the Bar	3
POLS 3973	Race, Politics and Sports (D)	3
POLS 3983	Courts and Judicial Process (S)	3
POLS 3993	Legal Research And Analysis	3
POLS 4000	Advanced Topics in American Politics	3
POLS 4010	Advanced Topics in International Relations	3
POLS 4013	American Foreign Policy	3
POLS 4020	Advanced Topics in Comparative Politics	3
POLS 4023	Security Analysis and Briefing	3
POLS 4033	Civil Wars (I)	3
POLS 4043	Global Political Economy	3
POLS 4053	War And World Politics (I)	3
POLS 4100	Problems of Government, Politics and Public Policy	1-6
POLS 4113	International Organization	3
POLS 4223	Social Movements	3
POLS 4333	Improving Democracy: How to Reform Government by the People (S)	3
POLS 4353	Administrative Law	3
POLS 4363	Environmental Law And Policy	3
POLS 4403	Urban Politics and Management	3
POLS 4413	Government Budgeting	3
POLS 4453	Public Personnel Administration	3
POLS 4553	American Political Thought	3
POLS 4573	Democratic Theory	3
POLS 4593	Natural Resources and Environmental Policy	3
POLS 4623	Oklahoma Politics (S)	3
POLS 4653	Contemporary Political Thought	3
POLS 4693	Gender and Politics	3
POLS 4670	Advanced Topics in Political Theory	3
POLS 4963	U.S. Constitution: Civil Rights and Civil Liberties	3
POLS 4973	U.S. Constitution: Separation of Powers	3
POLS 4980	Advanced Topics in Public Law	3
POLS 4990	Independent Study	1-3
POLS 4993	Political Science Honors Thesis	3

## Other Requirements

- See the College of Arts and Sciences Requirements.
- Minimum 2.0 GPA in all POLS courses.
- **Upper-Division Credit:** Total hours must include at least 40 hours in courses numbered 3000 or above.
- **Hours in One Department:** For B.A. and B.S. degrees, no more than 54 hours in one department may be applied to degree requirements.

## College of Arts and Sciences Requirements

### 1. General Education Requirements

No more than two courses (or eight hours) from the major department (<http://catalog.okstate.edu/college-arts-sciences-major-departments/>) may be used to meet General Education and College and Departmental Requirements. The General Education required English Composition, required U.S. History, required American Government, one required MATH or STAT course, and required foreign language for B.A. degrees do not count against the two-course maximum.

### 2. A&S College/Departmental Requirements

- Arts and Humanities are defined as any course carrying an (H) designation or courses from AMST, ART, DANC, ENGL (except ENGL 3323 Technical Writing) HIST, MUSI, PHIL (except PHIL 1313 Logic and Critical Thinking (A), PHIL 3003 Symbolic Logic (A) and PHIL 4003 Mathematical Logic and Computability), REL, TH, and foreign languages.
- Natural and Mathematical Sciences are defined as any course from the following prefixes: ASTR, BIOC, BIOL, CHEM, CS (except CS 4883 Social Issues in Computing), GEOL, MATH, MICR, PBIO, PHYS, and STAT; or courses from other departments that carry an (A) or (N) general education designation.
- The required six hours of upper-division General Education may not include courses from the student's major department. This requirement may be satisfied by courses also used to satisfy any part of a student's degree program (i.e., in General Education, College Departmental Requirements, Major Requirements or Electives).
- Non-Western Studies Requirement for B.A. and B.F.A.; One 3-hour course in Non-Western Studies (N.W.). This requirement may be satisfied by courses also used to satisfy any part of a student's degree program (i.e., in General Education, College Departmental Requirements, Major Requirements or Electives).
- The College of Arts & Sciences requires a minimum 2.0 GPA in all major requirements and a minimum 2.0 GPA in all major-prefix courses applied to the degree.

### 3. Foreign Language Proficiency

- The foreign language requirement for the B.A. may be satisfied by 9 hours college credit in the same language, which must include 3 hours at the 2000-level, or equivalent proficiency (e.g., passing an advanced standing examination; TOEFL exam; presenting a high school transcript which demonstrates the high school was primarily conducted in a language other than English; etc.). Computer Science courses may not be used to satisfy this requirement. Currently Arabic and Mvskoke are not offered at the 2000-level at OSU.
- The foreign language requirement for the B.S., B.M. and B.F.A. may be satisfied by presenting a high school transcript which demonstrates two years of study of a single foreign language (passing grades at second-year level of study). It may also be satisfied by 6 hours college credit in the same language, which must include language courses 1713 and 1813, or equivalent proficiency (e.g., passing an advanced standing examination; TOEFL exam; presenting a high school transcript which demonstrates the high school was primarily conducted in a language other than English; etc.). Computer Science courses may not be used to satisfy this requirement.

- c. In addition to a. and b., students pursuing teacher certification must meet novice-high foreign language proficiency by presenting a high school transcript which demonstrates two years of study of a single foreign language with no grade below B. Or, students may complete 3 hours college credit in a single language with no grade below C (or pass an advanced standing examination, College Level Examination Program (CLEP) exam, or Oral Proficiency Interview developed by the American Council on the Teaching of Foreign Languages, equivalent to 3 hours of college credit.) Or, students may meet the requirement by transfer of documentation of meeting the foreign language competency from one of the teacher education programs in the State of Oklahoma approved by the Oklahoma State Regents for Higher Education.

#### 4. Exclusions

- Courses used to satisfy the General Education English Composition, U.S. History, American Government, and Mathematics or Statistics requirements will not count toward the 54-hour maximum allowed from one department.
- Courses with ATHL or LEIS prefixes and leisure activity courses may not be used for degree credit.

## Additional State/OSU Requirements

- At least: 60 hours at a four-year institution; 30 hours completed at OSU; 15 of the final 30 or 50% of the upper-division hours in the major field completed at OSU.
- Limit of: one-half of major course requirements as transfer work; one-fourth of hours earned by correspondence; 8 transfer correspondence hours.
- Students will be held responsible for degree requirements in effect at the time of matriculation and any changes that are made, so long as these changes do not result in semester credit hours being added or do not delay graduation.
- Degrees that follow this plan must be completed by the end of Summer 2028.

## Example Plan of Study

### Finish in Four Plan of Study

The plan below is an **example** of how students can successfully complete degree requirements in four years. This suggested class schedule plan may be used as a guide and can be adjusted based on individual needs. Students are required to meet with an academic advisor prior to enrollment each semester to plan their class schedule, and students are ultimately responsible for completing all degree requirements.

Course	Title	Hours
<b>Freshman</b>		
<b>Fall</b>		
MATH 1483 or MATH 1493 or MATH 1513 or STAT 2013 or STAT 2053	Mathematical Functions and Their Uses (A) or Applications of Modern Mathematics (A) or College Algebra (A) or Elementary Statistics (A) or Elementary Statistics for the Social Sciences (A)	3
POLS 1113	American Government	3
General Education courses		8
<b>Hours</b>		<b>14</b>
<b>Spring</b>		
POLS 2013 or POLS 2113	Introduction to International Relations (S) or Introduction to Comparative Politics (IS)	3

General Education courses		13
<b>Hours</b>		<b>16</b>
<b>Sophomore</b>		
<b>Fall</b>		
POLS 2213	Fundamentals of Political Science	3
1713 First Semester Foreign Language		3
General Education courses		9
<b>Hours</b>		<b>15</b>
<b>Spring</b>		
POLS 3103	Introduction to Political Inquiry	3
1813 Second Semester Foreign Language		3
College and Elective courses		9
<b>Hours</b>		<b>15</b>
<b>Junior</b>		
<b>Fall</b>		
2000-level Foreign Language		3
Major, College, and Elective courses		12
<b>Hours</b>		<b>15</b>
<b>Spring</b>		
Major, College, and Elective courses		15
<b>Hours</b>		<b>15</b>
<b>Senior</b>		
<b>Fall</b>		
Major, College, and Elective courses		15
<b>Hours</b>		<b>15</b>
<b>Spring</b>		
POLS 4903	Senior Capstone Seminar	3
Major, College, and Elective courses		12
<b>Hours</b>		<b>15</b>
<b>Total Hours</b>		<b>120</b>

# Political Science, BS

## Degree Requirements

**Requirements for Students Matriculating in or before Academic Year 2022-2023.** Learn more about University Academic Regulation 3.1 (p. 943).

**Minimum Overall Grade Point Average:** 2.00

**Total Hours:** 120

Code	Title	Hours
<b>General Education Requirements</b>		
<i>English Composition</i>		
See Academic Regulation 3.5 (p. 944)		
ENGL 1113	Composition I	3
or ENGL 1313	Critical Analysis and Writing I	
Select one of the following:		3
ENGL 1213	Composition II	
ENGL 1413	Critical Analysis and Writing II	
ENGL 3323	Technical Writing	
<i>American History &amp; Government</i>		
HIST 1103	Survey of American History	3
or HIST 1483	American History to 1865 (H)	
or HIST 1493	American History Since 1865 (DH)	
POLS 1113	American Government	3
<i>Analytical &amp; Quantitative Thought (A)</i>		
MATH or STAT course designated (A)		3
<i>Humanities (H)</i>		
Courses designated (H)		6
<i>Natural Sciences (N)</i>		
Must include one Laboratory Science (L) course		
Courses designated (N)		6
<i>Social &amp; Behavioral Sciences (S)</i>		
SPCH 2713	Introduction to Speech Communication (S)	3
or SPCH 3733	Elements of Persuasion (S)	
<i>Additional General Education</i>		
Courses designated (A), (H), (N), or (S)		10
<b>Hours Subtotal</b>		<b>40</b>
<b>Diversity (D) &amp; International Dimension (I)</b>		
May be completed in any part of the degree plan		
Select at least one Diversity (D) course		
Select at least one International Dimension (I) course		
<b>College/Departmental Requirements</b>		
<i>First Year Seminar</i>		
(Transfer students with 15 hours exempt)		1
<i>Arts &amp; Humanities</i>		
See note 2.a.		3
<i>Natural &amp; Mathematical Sciences</i>		
See note 2.b.		9
<i>Foreign Language</i>		
See note 3		
0-6 hours		
<i>Upper-Division General Education</i>		

Select 6 hours outside major department

See note 2.c.		
<b>Hours Subtotal</b>		<b>13</b>
<b>Major Requirements</b>		
Minimum GPA 2.50 with a minimum grade of "C" in each course.		
<i>Core Requirements</i>		
POLS 2013	Introduction to International Relations (S)	3
or POLS 2113	Introduction to Comparative Politics (IS)	
POLS 2213	Fundamentals of Political Science	3
POLS 3103	Introduction to Political Inquiry	3
POLS 4903	Senior Capstone Seminar	3
At least 18 hours of upper-division (3000- or 4000-level) POLS (excluding core requirements listed above)		18
Upper-division courses to complete the required 39 may be POLS or any other 3000- or 4000-level courses <sup>1</sup>		9
<b>Hours Subtotal</b>		<b>39</b>
<b>Electives</b>		
Select 28 hours <sup>1</sup>		28
May need to include 6 hours of a foreign language (see note 3)		
May need to include 6 hours upper-division general education outside major department. (see note 2.c.), and 7 additional upper-division hour		
15 hours in one foreign language recommended for students focusing on International Relations		
<b>Hours Subtotal</b>		<b>28</b>
<b>Total Hours</b>		<b>120</b>

1

With approval from the advisor and department head, a maximum of 30 hours from an accredited doctoral law program may be used for these areas.

## Upper-Division POLS Courses

Code	Title	Hours
POLS 3003	The Soviet Union: History, Society and Culture(IS)	3
POLS 3033	International Law	3
POLS 3053	Introduction to Central Asia Studies (IS)	3
POLS 3090	Teaching Practicum	1-6
POLS 3100	Political Science Internship	1-6
POLS 3101	Oklahoma Intercollegiate Legislature	1
POLS 3123	Russian & Eurasian Politics (I)	3
POLS 3143	European Politics (I)	3
POLS 3163	African Politics (I)	3
POLS 3193	Latin American Politics (IS)	3
POLS 3223	Asian Politics	3
POLS 3313	Middle Eastern Politics	3
POLS 3353	Political Parties	3
POLS 3423	Voting and Elections	3
POLS 3443	Pol Campaigns And Candidacy	3
POLS 3453	U.S. Congress	3
POLS 3483	The American Presidency	3
POLS 3493	Public Policy	3
POLS 3513	Public Opinion and Polling	3

POLS 3523	Money, Media And Politics	3
POLS 3533	Lobbying: the Art of Influence and Manipulation	3
POLS 3613	State and Local Government	3
POLS 3663	Introduction to Political Thought	3
POLS 3683	Politics in Contemporary Film	3
POLS 3893	Terrorism & Counterterrorism	3
POLS 3953	Minorities in the American Political System (DS)	3
POLS 3963	State Courts and the Bar	3
POLS 3973	Race, Politics and Sports (D)	3
POLS 3983	Courts and Judicial Process (S)	3
POLS 3993	Legal Research And Analysis	3
POLS 4000	Advanced Topics in American Politics	3
POLS 4010	Advanced Topics in International Relations	3
POLS 4013	American Foreign Policy	3
POLS 4020	Advanced Topics in Comparative Politics	3
POLS 4023	Security Analysis and Briefing	3
POLS 4033	Civil Wars (I)	3
POLS 4043	Global Political Economy	3
POLS 4053	War And World Politics (I)	3
POLS 4100	Problems of Government, Politics and Public Policy	1-6
POLS 4113	International Organization	3
POLS 4223	Social Movements	3
POLS 4333	Improving Democracy: How to Reform Government by the People (S)	3
POLS 4353	Administrative Law	3
POLS 4363	Environmental Law And Policy	3
POLS 4403	Urban Politics and Management	3
POLS 4413	Government Budgeting	3
POLS 4453	Public Personnel Administration	3
POLS 4553	American Political Thought	3
POLS 4573	Democratic Theory	3
POLS 4593	Natural Resources and Environmental Policy	3
POLS 4623	Oklahoma Politics (S)	3
POLS 4653	Contemporary Political Thought	3
POLS 4670	Advanced Topics in Political Theory	3
POLS 4693	Gender and Politics	3
POLS 4963	U.S. Constitution: Civil Rights and Civil Liberties	3
POLS 4973	U.S. Constitution: Separation of Powers	3
POLS 4980	Advanced Topics in Public Law	3
POLS 4990	Independent Study	1-3
POLS 4993	Political Science Honors Thesis	3

- **Hours in One Department:** For B.A. and B.S. degrees, no more than 54 hours in one department may be applied to degree requirements.

## College of Arts and Sciences Requirements

### 1. General Education Requirements

No more than two courses (or eight hours) from the major department (<http://catalog.okstate.edu/college-arts-sciences-major-departments/>) may be used to meet General Education and College and Departmental Requirements. The General Education required English Composition, required U.S. History, required American Government, one required MATH or STAT course, and required foreign language for B.A. degrees do not count against the two-course maximum.

### 2. A&S College/Departmental Requirements

- Arts and Humanities are defined as any course carrying an (H) designation or courses from AMST, ART, DANC, ENGL (except ENGL 3323 Technical Writing) HIST, MUSI, PHIL (except PHIL 1313 Logic and Critical Thinking (A), PHIL 3003 Symbolic Logic (A) and PHIL 4003 Mathematical Logic and Computability), REL, TH, and foreign languages.
- Natural and Mathematical Sciences are defined as any course from the following prefixes: ASTR, BIOC, BIOL, CHEM, CS (except CS 4883 Social Issues in Computing), GEOL, MATH, MICR, PBIO, PHYS, and STAT; or courses from other departments that carry an (A) or (N) general education designation.
- The required six hours of upper-division General Education may not include courses from the student's major department. This requirement may be satisfied by courses also used to satisfy any part of a student's degree program (i.e., in General Education, College Departmental Requirements, Major Requirements or Electives).
- Non-Western Studies Requirement for B.A. and B.F.A.; One 3-hour course in Non-Western Studies (N.W.). This requirement may be satisfied by courses also used to satisfy any part of a student's degree program (i.e., in General Education, College Departmental Requirements, Major Requirements or Electives).
- The College of Arts & Sciences requires a minimum 2.0 GPA in all major requirements and a minimum 2.0 GPA in all major-prefix courses applied to the degree.

### 3. Foreign Language Proficiency

- The foreign language requirement for the B.A. may be satisfied by 9 hours college credit in the same language, which must include 3 hours at the 2000-level, or equivalent proficiency (e.g., passing an advanced standing examination; TOEFL exam; presenting a high school transcript which demonstrates the high school was primarily conducted in a language other than English; etc.). Computer Science courses may not be used to satisfy this requirement. Currently Arabic and Mvskoke are not offered at the 2000-level at OSU.
- The foreign language requirement for the B.S., B.M. and B.F.A. may be satisfied by presenting a high school transcript which demonstrates two years of study of a single foreign language (passing grades at second-year level of study). It may also be satisfied by 6 hours college credit in the same language, which must include language courses 1713 and 1813, or equivalent proficiency (e.g., passing an advanced standing examination; TOEFL exam; presenting a high school transcript which demonstrates the high school was primarily conducted in

## Other Requirements

- See the College of Arts and Sciences Requirements.
- Minimum 2.0 GPA in all POLS courses.
- **Upper-Division Credit:** Total hours must include at least 40 hours in courses numbered 3000 or above.



a language other than English; etc.). Computer Science courses may not be used to satisfy this requirement.

- c. In addition to a. and b., students pursuing teacher certification must meet novice-high foreign language proficiency by presenting a high school transcript which demonstrates two years of study of a single foreign language with no grade below B. Or, students may complete 3 hours college credit in a single language with no grade below C (or pass an advanced standing examination, College Level Examination Program (CLEP) exam, or Oral Proficiency Interview developed by the American Council on the Teaching of Foreign Languages, equivalent to 3 hours of college credit.) Or, students may meet the requirement by transfer of documentation of meeting the foreign language competency from one of the teacher education programs in the State of Oklahoma approved by the Oklahoma State Regents for Higher Education.

**4. Exclusions**

- a. Courses used to satisfy the General Education English Composition, U.S. History, American Government, and Mathematics or Statistics requirements will not count toward the 54-hour maximum allowed from one department.
- b. Courses with ATHL or LEIS prefixes and leisure activity courses may not be used for degree credit.

## Additional State/OSU Requirements

- At least: 60 hours at a four-year institution; 30 hours completed at OSU; 15 of the final 30 or 50% of the upper-division hours in the major field completed at OSU.
- Limit of: one-half of major course requirements as transfer work; one-fourth of hours earned by correspondence; 8 transfer correspondence hours.
- Students will be held responsible for degree requirements in effect at the time of matriculation and any changes that are made, so long as these changes do not result in semester credit hours being added or do not delay graduation.
- Degrees that follow this plan must be completed by the end of Summer 2028.

## Example Plan of Study

### Finish in Four Plan of Study

The plan below is an **example** of how students can successfully complete degree requirements in four years. This suggested class schedule plan may be used as a guide and can be adjusted based on individual needs. Students are required to meet with an academic advisor prior to enrollment each semester to plan their class schedule, and students are ultimately responsible for completing all degree requirements.

Course	Title	Hours
<b>Freshman</b>		
<b>Fall</b>		
MATH 1483 or MATH 1493 or MATH 1513 or STAT 2013 or STAT 2053	Mathematical Functions and Their Uses (A) or Applications of Modern Mathematics (A) or College Algebra (A) or Elementary Statistics (A) or Elementary Statistics for the Social Sciences (A)	3
POLS 1113	American Government	3
General Education courses		10
<b>Hours</b>		<b>16</b>

<b>Spring</b>		
POLS 2013 or POLS 2113	Introduction to International Relations (S) or Introduction to Comparative Politics (IS)	3
General Education courses		11
<b>Hours</b>		<b>14</b>
<b>Sophomore</b>		
<b>Fall</b>		
POLS 2213	Fundamentals of Political Science	3
General Education courses		12
<b>Hours</b>		<b>15</b>
<b>Spring</b>		
POLS 3103	Introduction to Political Inquiry	3
College and Elective courses		12
<b>Hours</b>		<b>15</b>
<b>Junior</b>		
<b>Fall</b>		
Major, College, and Elective courses		15
<b>Hours</b>		<b>15</b>
<b>Spring</b>		
Major, College, and Elective courses		15
<b>Hours</b>		<b>15</b>
<b>Senior</b>		
<b>Fall</b>		
Major, College, and Elective courses		15
<b>Hours</b>		<b>15</b>
<b>Spring</b>		
POLS 4903	Senior Capstone Seminar	3
Major, College, and Elective courses		12
<b>Hours</b>		<b>15</b>
<b>Total Hours</b>		<b>120</b>



## Political Science: Global Politics, BA

### Degree Requirements

**Requirements for Students Matriculating in or before Academic Year 2022-2023.** Learn more about University Academic Regulation 3.1 (p. 943).

**Minimum Overall Grade Point Average:** 2.00

**Total Hours:** 120

Code	Title	Hours
<b>General Education Requirements</b>		
<i>English Composition</i>		
See Academic Regulation 3.5 (p. 944)		
ENGL 1113	Composition I	3
or ENGL 1313	Critical Analysis and Writing I	
ENGL 1213	Composition II	3
or ENGL 1413	Critical Analysis and Writing II	
or ENGL 3323	Technical Writing	
<i>American History &amp; Government</i>		
HIST 1103	Survey of American History	3
or HIST 1483	American History to 1865 (H)	
or HIST 1493	American History Since 1865 (DH)	
POLS 1113	American Government	3
<i>Analytical &amp; Quantitative Thought (A)</i>		
MATH or STAT course designated (A)		3
<i>Humanities (H)</i>		
Courses designated (H)		6
<i>Natural Sciences (N)</i>		
Must include one Laboratory Science (L) course		
Courses designated (N)		6
<i>Social &amp; Behavioral Sciences (S)</i>		
SPCH 2713	Introduction to Speech Communication (S)	3
or SPCH 3733	Elements of Persuasion (S)	
<i>Additional General Education</i>		
Courses designated (A), (H), (N), or (S)		10
<b>Hours Subtotal</b>		<b>40</b>
<b>Diversity (D) &amp; International Dimension (I)</b>		
May be completed in any part of the degree plan		
Select at least one Diversity (D) course		
Select at least one International Dimension (I) course		
<b>College/Departmental Requirements</b>		
<i>First Year Seminar</i>		
(Transfer students with 15 hours exempt)		1
<i>Arts &amp; Humanities</i>		
See note 2.a.		9
<i>Natural &amp; Mathematical Sciences</i>		
See note 2.b.		3
<i>Foreign Language</i>		
9 hours. See note 3.		9
<i>Non-Western Studies</i>		
See note 2.d.		
Upper-Division General Education		

Select 6 hours outside major department. See note 2.c.

<b>Hours Subtotal</b>		<b>22</b>
<b>Major Requirements</b>		
Minimum GPA 2.50 with a minimum grade of "C" in each course.		
<i>Core Requirements</i>		
POLS 2013	Introduction to International Relations (S)	3
POLS 2113	Introduction to Comparative Politics (IS)	3
POLS 2213	Fundamentals of Political Science	3
POLS 3103	Introduction to Political Inquiry	3
POLS 4043	Global Political Economy	3
POLS 4903	Senior Capstone Seminar	3
Select 12 hours from:		12
POLS 2010	Topics in International Relations (I)	
POLS 2110	Topics in Comparative Politics (I)	
POLS 3033	International Law	
POLS 3053	Introduction to Central Asia Studies (IS)	
POLS 3123	Russian & Eurasian Politics (I)	
POLS 3143	European Politics (I)	
POLS 3163	African Politics (I)	
POLS 3193	Latin American Politics (IS)	
POLS 3223	Asian Politics	
POLS 3313	Middle Eastern Politics	
POLS 3893	Terrorism & Counterterrorism	
POLS 4010	Advanced Topics in International Relations	
POLS 4013	American Foreign Policy	
POLS 4113	International Organization	
POLS 4020	Advanced Topics in Comparative Politics	
POLS 4053	War And World Politics (I)	
Select 9 hours of upper-division courses.		9
<b>Hours Subtotal</b>		<b>39</b>
<b>Electives</b>		
Select 19 hours.		19
May need to include 6 hours upper-division general education outside major department (see note 2.c.), and 10 additional upper-division hours.		
<b>Hours Subtotal</b>		<b>19</b>
<b>Total Hours</b>		<b>120</b>

### Other Requirements

- See the College of Arts and Sciences Requirements.
- Minimum 2.0 GPA in all POLS courses.
- **Upper-Division Credit:** Total hours must include at least 40 hours in courses numbered 3000 or above.
- **Hours in One Department:** For B.A. and B.S. degrees, no more than 54 hours in one department may be applied to degree requirements.

### College of Arts and Sciences Requirements

#### 1. General Education Requirements

No more than two courses (or eight hours) from the major department (<http://catalog.okstate.edu/college-arts-sciences-major-departments/>) may be used to meet General Education and College and Departmental Requirements. The General Education required

English Composition, required U.S. History, required American Government, one required MATH or STAT course, and required foreign language for B.A. degrees do not count against the two-course maximum.

**2. A&S College/Departmental Requirements**

- a. Arts and Humanities are defined as any course carrying an (H) designation or courses from AMST, ART, DANC, ENGL (except ENGL 3323 Technical Writing) HIST, MUSI, PHIL (except PHIL 1313 Logic and Critical Thinking (A), PHIL 3003 Symbolic Logic (A) and PHIL 4003 Mathematical Logic and Computability), REL, TH, and foreign languages.
- b. Natural and Mathematical Sciences are defined as any course from the following prefixes: ASTR, BIOC, BIOL, CHEM, CS (except CS 4883 Social Issues in Computing), GEOL, MATH, MICR, PBIO, PHYS, and STAT; or courses from other departments that carry an (A) or (N) general education designation.
- c. The required six hours of upper-division General Education may not include courses from the student's major department. This requirement may be satisfied by courses also used to satisfy any part of a student's degree program (i.e., in General Education, College Departmental Requirements, Major Requirements or Electives).
- d. Non-Western Studies Requirement for B.A. and B.F.A.; One 3-hour course in Non-Western Studies (N.W.). This requirement may be satisfied by courses also used to satisfy any part of a student's degree program (i.e., in General Education, College Departmental Requirements, Major Requirements or Electives).
- e. The College of Arts & Sciences requires a minimum 2.0 GPA in all major requirements and a minimum 2.0 GPA in all major-prefix courses applied to the degree.

**3. Foreign Language Proficiency**

- a. The foreign language requirement for the B.A. may be satisfied by 9 hours college credit in the same language, which must include 3 hours at the 2000-level, or equivalent proficiency (e.g., passing an advanced standing examination; TOEFL exam; presenting a high school transcript which demonstrates the high school was primarily conducted in a language other than English; etc.). Computer Science courses may not be used to satisfy this requirement. Currently Arabic and Mvskoke are not offered at the 2000-level at OSU.
- b. The foreign language requirement for the B.S., B.M. and B.F.A. may be satisfied by presenting a high school transcript which demonstrates two years of study of a single foreign language (passing grades at second-year level of study). It may also be satisfied by 6 hours college credit in the same language, which must include language courses 1713 and 1813, or equivalent proficiency (e.g., passing an advanced standing examination; TOEFL exam; presenting a high school transcript which demonstrates the high school was primarily conducted in a language other than English; etc.). Computer Science courses may not be used to satisfy this requirement.
- c. In addition to a. and b., students pursuing teacher certification must meet novice-high foreign language proficiency by presenting a high school transcript which demonstrates two years of study of a single foreign language with no grade below B. Or, students may complete 3 hours college credit in a single language with no grade below C (or pass an advanced standing examination, College Level Examination Program (CLEP) exam, or Oral Proficiency Interview developed by the American Council on the Teaching of Foreign Languages, equivalent to 3 hours of

college credit.) Or, students may meet the requirement by transfer of documentation of meeting the foreign language competency from one of the teacher education programs in the State of Oklahoma approved by the Oklahoma State Regents for Higher Education.

**4. Exclusions**

- a. Courses used to satisfy the General Education English Composition, U.S. History, American Government, and Mathematics or Statistics requirements will not count toward the 54-hour maximum allowed from one department.
- b. Courses with ATHL or LEIS prefixes and leisure activity courses may not be used for degree credit.

## Additional State/OSU Requirements

- At least: 60 hours at a four-year institution; 30 hours completed at OSU; 15 of the final 30 or 50% of the upper-division hours in the major field completed at OSU.
- Limit of: one-half of major course requirements as transfer work; one-fourth of hours earned by correspondence; 8 transfer correspondence hours.
- Students will be held responsible for degree requirements in effect at the time of matriculation and any changes that are made, so long as these changes do not result in semester credit hours being added or do not delay graduation.
- Degrees that follow this plan must be completed by the end of Summer 2028.

## Example Plan of Study

### Finish in Four Plan of Study

The plan below is an **example** of how students can successfully complete degree requirements in four years. This suggested class schedule plan may be used as a guide and can be adjusted based on individual needs. Students are required to meet with an academic advisor prior to enrollment each semester to plan their class schedule, and students are ultimately responsible for completing all degree requirements.

Course	Title	Hours
<b>Freshman</b>		
<b>Fall</b>		
MATH 1483 or MATH 1493 or MATH 1513 or STAT 2013 or STAT 2053	Mathematical Functions and Their Uses (A) or Applications of Modern Mathematics (A) or College Algebra (A) or Elementary Statistics (A) or Elementary Statistics for the Social Sciences (A)	3
POLS 1113	American Government	3
General Education courses		8
		<b>Hours</b>
		<b>14</b>
<b>Spring</b>		
POLS 2013 or POLS 2113	Introduction to International Relations (S) or Introduction to Comparative Politics (IS)	3
General Education courses		13
		<b>Hours</b>
		<b>16</b>
<b>Sophomore</b>		
<b>Fall</b>		
POLS 2213	Fundamentals of Political Science	3
1713 First Semester Foreign Language		3
General Education courses		9
		<b>Hours</b>
		<b>15</b>
<b>Spring</b>		
POLS 3103	Introduction to Political Inquiry	3

1813 Second Semester Foreign Language	3
College and Elective courses	9
<b>Hours</b>	<b>15</b>
<b>Junior</b>	
<b>Fall</b>	
2000-level Foreign Language	3
Major, College, and Elective courses	12
<b>Hours</b>	<b>15</b>
<b>Spring</b>	
Major, College, and Elective courses	15
<b>Hours</b>	<b>15</b>
<b>Senior</b>	
<b>Fall</b>	
Major, College, and Elective courses	15
<b>Hours</b>	<b>15</b>
<b>Spring</b>	
POLS 4903 Senior Capstone Seminar	3
Major, College, and Elective courses	12
<b>Hours</b>	<b>15</b>
<b>Total Hours</b>	<b>120</b>

## Political Science: Global Politics, BS

### Degree Requirements

**Requirements for Students Matriculating in or before Academic Year 2022-2023.** Learn more about University Academic Regulation 3.1 (p. 943).

**Minimum Overall Grade Point Average:** 2.00

**Total Hours:** 120

Code	Title	Hours
<b>General Education Requirements</b>		
<i>English Composition</i>		
See Academic Regulation 3.5 (p. 944)		
ENGL 1113	Composition I	3
or ENGL 1313	Critical Analysis and Writing I	
ENGL 1213	Composition II	3
or ENGL 1413	Critical Analysis and Writing II	
or ENGL 3323	Technical Writing	
<i>American History &amp; Government</i>		
HIST 1103	Survey of American History	3
or HIST 1483	American History to 1865 (H)	
or HIST 1493	American History Since 1865 (DH)	
POLS 1113	American Government	3
<i>Analytical &amp; Quantitative Thought (A)</i>		
MATH or STAT course designated (A)		3
<i>Humanities (H)</i>		
Courses designated (H)		6
<i>Natural Sciences (N)</i>		
Must include one Laboratory Science (L) course		
Courses designated (N)		6
<i>Social &amp; Behavioral Sciences (S)</i>		
SPCH 2713	Introduction to Speech Communication (S)	3
or SPCH 3733	Elements of Persuasion (S)	
<i>Additional General Education</i>		
Courses designated (A), (H), (N), or (S)		10
<b>Hours Subtotal</b>		<b>40</b>
<b>Diversity (D) &amp; International Dimension (I)</b>		
May be completed in any part of the degree plan		
Select at least one Diversity (D) course		
Select at least one International Dimension (I) course		
<b>College/Departmental Requirements</b>		
<i>First Year Seminar</i>		
(Transfer students with 15 hours exempt)		1
<i>Arts &amp; Humanities</i>		
See note 2.a.		3
<i>Natural &amp; Mathematical Sciences</i>		
See note 2.b.		9
<i>Foreign Language</i>		
0-6 hours. See note 3.		
<i>Upper-Division General Education</i>		
Select 6 hours outside major department. See note 2.c.		
<b>Hours Subtotal</b>		<b>13</b>

### Major Requirements

Minimum GPA 2.50 with a minimum grade of "C" in each course.

#### Core Requirements

POLS 2013	Introduction to International Relations (S)	3
POLS 2113	Introduction to Comparative Politics (IS)	3
POLS 2213	Fundamentals of Political Science	3
POLS 3103	Introduction to Political Inquiry	3
POLS 4043	Global Political Economy	3
POLS 4903	Senior Capstone Seminar	3

Select 12 hours from:

POLS 2010	Topics in International Relations (I)	
POLS 2110	Topics in Comparative Politics (I)	
POLS 3033	International Law	
POLS 3053	Introduction to Central Asia Studies (IS)	
POLS 3123	Russian & Eurasian Politics (I)	
POLS 3143	European Politics (I)	
POLS 3163	African Politics (I)	
POLS 3193	Latin American Politics (IS)	
POLS 3223	Asian Politics	
POLS 3313	Middle Eastern Politics	
POLS 3893	Terrorism & Counterterrorism	
POLS 4010	Advanced Topics in International Relations	
POLS 4013	American Foreign Policy	
POLS 4020	Advanced Topics in Comparative Politics	
POLS 4113	International Organization	
POLS 4053	War And World Politics (I)	

Select 9 hours of upper-division courses. <sup>1</sup> 9

**Hours Subtotal** 39

#### Electives

Select 28 hours. <sup>1</sup> 28

May need to include 6 hours of a foreign language (see note 3).

May need to include 6 hours upper-division general education outside major department (see note 2.c.), and 10 additional upper-division hours.

**Hours Subtotal** 28

**Total Hours** 120

1

With approval from the advisor and department head, a maximum of 30 hours from an accredited doctoral law program may be used for these areas.

### Other Requirements

- See the College of Arts and Sciences Requirements.
- Minimum 2.0 GPA in all POLS courses.
- **Upper-Division Credit:** Total hours must include at least 40 hours in courses numbered 3000 or above.
- **Hours in One Department:** For B.A. and B.S. degrees, no more than 54 hours in one department may be applied to degree requirements.

# College of Arts and Sciences Requirements

## 1. General Education Requirements

No more than two courses (or eight hours) from the major department (<http://catalog.okstate.edu/college-arts-sciences-major-departments/>) may be used to meet General Education and College and Departmental Requirements. The General Education required English Composition, required U.S. History, required American Government, one required MATH or STAT course, and required foreign language for B.A. degrees do not count against the two-course maximum.

## 2. A&S College/Departmental Requirements

- Arts and Humanities are defined as any course carrying an (H) designation or courses from AMST, ART, DANC, ENGL (except ENGL 3323 Technical Writing) HIST, MUSI, PHIL (except PHIL 1313 Logic and Critical Thinking (A), PHIL 3003 Symbolic Logic (A) and PHIL 4003 Mathematical Logic and Computability), REL, TH, and foreign languages.
- Natural and Mathematical Sciences are defined as any course from the following prefixes: ASTR, BIOC, BIOL, CHEM, CS (except CS 4883 Social Issues in Computing), GEOL, MATH, MICR, PBIO, PHYS, and STAT; or courses from other departments that carry an (A) or (N) general education designation.
- The required six hours of upper-division General Education may not include courses from the student's major department. This requirement may be satisfied by courses also used to satisfy any part of a student's degree program (i.e., in General Education, College Departmental Requirements, Major Requirements or Electives).
- Non-Western Studies Requirement for B.A. and B.F.A.; One 3-hour course in Non-Western Studies (N.W.). This requirement may be satisfied by courses also used to satisfy any part of a student's degree program (i.e., in General Education, College Departmental Requirements, Major Requirements or Electives).
- The College of Arts & Sciences requires a minimum 2.0 GPA in all major requirements and a minimum 2.0 GPA in all major-prefix courses applied to the degree.

## 3. Foreign Language Proficiency

- The foreign language requirement for the B.A. may be satisfied by 9 hours college credit in the same language, which must include 3 hours at the 2000-level, or equivalent proficiency (e.g., passing an advanced standing examination; TOEFL exam; presenting a high school transcript which demonstrates the high school was primarily conducted in a language other than English; etc.). Computer Science courses may not be used to satisfy this requirement. Currently Arabic and Mvskoke are not offered at the 2000-level at OSU.
- The foreign language requirement for the B.S., B.M. and B.F.A. may be satisfied by presenting a high school transcript which demonstrates two years of study of a single foreign language (passing grades at second-year level of study). It may also be satisfied by 6 hours college credit in the same language, which must include language courses 1713 and 1813, or equivalent proficiency (e.g., passing an advanced standing examination; TOEFL exam; presenting a high school transcript which demonstrates the high school was primarily conducted in a language other than English; etc.). Computer Science courses may not be used to satisfy this requirement.

- In addition to a. and b., students pursuing teacher certification must meet novice-high foreign language proficiency by presenting a high school transcript which demonstrates two years of study of a single foreign language with no grade below B. Or, students may complete 3 hours college credit in a single language with no grade below C (or pass an advanced standing examination, College Level Examination Program (CLEP) exam, or Oral Proficiency Interview developed by the American Council on the Teaching of Foreign Languages, equivalent to 3 hours of college credit.) Or, students may meet the requirement by transfer of documentation of meeting the foreign language competency from one of the teacher education programs in the State of Oklahoma approved by the Oklahoma State Regents for Higher Education.

## 4. Exclusions

- Courses used to satisfy the General Education English Composition, U.S. History, American Government, and Mathematics or Statistics requirements will not count toward the 54-hour maximum allowed from one department.
- Courses with ATHL or LEIS prefixes and leisure activity courses may not be used for degree credit.

## Additional State/OSU Requirements

- At least: 60 hours at a four-year institution; 30 hours completed at OSU; 15 of the final 30 or 50% of the upper-division hours in the major field completed at OSU.
- Limit of: one-half of major course requirements as transfer work; one-fourth of hours earned by correspondence; 8 transfer correspondence hours.
- Students will be held responsible for degree requirements in effect at the time of matriculation and any changes that are made, so long as these changes do not result in semester credit hours being added or do not delay graduation.
- Degrees that follow this plan must be completed by the end of Summer 2028.

## Example Plan of Study

### Finish in Four Plan of Study

The plan below is an **example** of how students can successfully complete degree requirements in four years. This suggested class schedule plan may be used as a guide and can be adjusted based on individual needs. Students are required to meet with an academic advisor prior to enrollment each semester to plan their class schedule, and students are ultimately responsible for completing all degree requirements.

Course	Title	Hours
<b>Freshman</b>		
<b>Fall</b>		
MATH 1483 or MATH 1493 or MATH 1513 or STAT 2013 or STAT 2053	Mathematical Functions and Their Uses (A) or Applications of Modern Mathematics (A) or College Algebra (A) or Elementary Statistics (A) or Elementary Statistics for the Social Sciences (A)	3
POLS 1113	American Government	3
General Education courses		10
		<b>Hours</b>
		<b>16</b>
<b>Spring</b>		
POLS 2013 or POLS 2113	Introduction to International Relations (S) or Introduction to Comparative Politics (IS)	3

General Education courses		11
<b>Hours</b>		<b>14</b>
<b>Sophomore</b>		
<b>Fall</b>		
POLS 2213	Fundamentals of Political Science	3
General Education courses		12
<b>Hours</b>		<b>15</b>
<b>Spring</b>		
POLS 3103	Introduction to Political Inquiry	3
College and Elective courses		12
<b>Hours</b>		<b>15</b>
<b>Junior</b>		
<b>Fall</b>		
Major, College, and Elective courses		15
<b>Hours</b>		<b>15</b>
<b>Spring</b>		
Major, College, and Elective courses		15
<b>Hours</b>		<b>15</b>
<b>Senior</b>		
<b>Fall</b>		
Major, College, and Elective courses		15
<b>Hours</b>		<b>15</b>
<b>Spring</b>		
POLS 4903	Senior Capstone Seminar	3
Major, College, and Elective courses		12
<b>Hours</b>		<b>15</b>
<b>Total Hours</b>		<b>120</b>



# Political Science: Practical Politics - Campaigning, Lobbying and Policymaking, BA

## Degree Requirements

Requirements for Students Matriculating in or before Academic Year 2022-2023. Learn more about University Academic Regulation 3.1 (p. 943).

Minimum Overall Grade Point Average: 2.00

Total Hours: 120

Code	Title	Hours
<b>General Education Requirements</b>		
<i>English Composition</i>		
See Academic Regulation 3.5 (p. 944)		
ENGL 1113	Composition I	3
or ENGL 1313	Critical Analysis and Writing I	
ENGL 1213	Composition II	3
or ENGL 1413	Critical Analysis and Writing II	
or ENGL 3323	Technical Writing	
<i>American History &amp; Government</i>		
HIST 1103	Survey of American History	3
or HIST 1483	American History to 1865 (H)	
or HIST 1493	American History Since 1865 (DH)	
POLS 1113	American Government	3
<i>Analytical &amp; Quantitative Thought (A)</i>		
MATH or STAT course designated (A)		3
<i>Humanities (H)</i>		
Courses designated (H)		6
<i>Natural Sciences (N)</i>		
Must include one Laboratory Science (L) course		
Courses designated (N)		6
<i>Social &amp; Behavioral Sciences (S)</i>		
SPCH 2713	Introduction to Speech Communication (S)	3
or SPCH 3733	Elements of Persuasion (S)	
<i>Additional General Education</i>		
Courses designated (A), (H), (N), or (S)		10
<b>Hours Subtotal</b>		<b>40</b>

### Diversity (D) & International Dimension (I)

May be completed in any part of the degree plan

Select at least one Diversity (D) course

Select at least one International Dimension (I) course

### College/Departmental Requirements

<i>First Year Seminar</i>	1
(Transfer students with 15 hours exempt)	
<i>Arts &amp; Humanities</i>	9
See note 2.a.	
<i>Natural &amp; Mathematical Sciences</i>	3
See note 2.b.	
<i>Foreign Language</i>	9
See note 3.	

### Non-Western Studies

See note 2.d.

### Upper-Division General Education

Select 6 hours outside major department. See note 2.c.

**Hours Subtotal** 22

### Major Requirements

Minimum GPA 2.50 with a minimum grade of "C" in each course.

### Core Requirements

POLS 2013	Introduction to International Relations (S)	3
POLS 2113	Introduction to Comparative Politics (IS)	3
POLS 2213	Fundamentals of Political Science	3
POLS 3103	Introduction to Political Inquiry	3
POLS 3443	Pol Campaigns And Candidacy	3
or POLS 3533	Lobbying: the Art of Influence and Manipulation	
POLS 3493	Public Policy	3
POLS 3513	Public Opinion and Polling	3
POLS 4903	Senior Capstone Seminar	3
9 hours from:		9
POLS 3100	Political Science Internship	
POLS 3353	Political Parties	
POLS 3423	Voting and Elections	
POLS 3443	Pol Campaigns And Candidacy	
POLS 3453	U.S. Congress	
POLS 3523	Money, Media And Politics	
POLS 3533	Lobbying: the Art of Influence and Manipulation	
POLS 3613	State and Local Government	
POLS 4333	Improving Democracy: How to Reform Government by the People (S)	

9 hours of upper-division courses from POLS or any other 3000- or 4000-level course

**Hours Subtotal** 42

### Electives

Select 16 hours. 16

May need to include 6 hours upper-division general education outside major department (see note 2.c.), and 7 additional upper-division hours.

**Hours Subtotal** 16

**Total Hours** 120

## Other Requirements

- See the College of Arts and Sciences Requirements.
- Minimum 2.0 GPA in all POLS courses.
- **Upper-Division Credit:** Total hours must include at least 40 hours in courses numbered 3000 or above.
- **Hours in One Department:** For B.A. and B.S. degrees, no more than 54 hours in one department may be applied to degree requirements.

## College of Arts and Sciences Requirements

### 1. General Education Requirements

No more than two courses (or eight hours) from the major department (<http://catalog.okstate.edu/college-arts-sciences-major>)

departments/) may be used to meet General Education and College and Departmental Requirements. The General Education required English Composition, required U.S. History, required American Government, one required MATH or STAT course, and required foreign language for B.A. degrees do not count against the two-course maximum.

**2. A&S College/Departmental Requirements**

- a. Arts and Humanities are defined as any course carrying an (H) designation or courses from AMST, ART, DANC, ENGL (except ENGL 3323 Technical Writing) HIST, MUSI, PHIL (except PHIL 1313 Logic and Critical Thinking (A), PHIL 3003 Symbolic Logic (A) and PHIL 4003 Mathematical Logic and Computability), REL, TH, and foreign languages.
- b. Natural and Mathematical Sciences are defined as any course from the following prefixes: ASTR, BIOC, BIOL, CHEM, CS (except CS 4883 Social Issues in Computing), GEOL, MATH, MICR, PBIO, PHYS, and STAT; or courses from other departments that carry an (A) or (N) general education designation.
- c. The required six hours of upper-division General Education may not include courses from the student's major department. This requirement may be satisfied by courses also used to satisfy any part of a student's degree program (i.e., in General Education, College Departmental Requirements, Major Requirements or Electives).
- d. Non-Western Studies Requirement for B.A. and B.F.A.; One 3-hour course in Non-Western Studies (N.W.). This requirement may be satisfied by courses also used to satisfy any part of a student's degree program (i.e., in General Education, College Departmental Requirements, Major Requirements or Electives).
- e. The College of Arts & Sciences requires a minimum 2.0 GPA in all major requirements and a minimum 2.0 GPA in all major-prefix courses applied to the degree.

**3. Foreign Language Proficiency**

- a. The foreign language requirement for the B.A. may be satisfied by 9 hours college credit in the same language, which must include 3 hours at the 2000-level, or equivalent proficiency (e.g., passing an advanced standing examination; TOEFL exam; presenting a high school transcript which demonstrates the high school was primarily conducted in a language other than English; etc.). Computer Science courses may not be used to satisfy this requirement. Currently Arabic and Mvskoke are not offered at the 2000-level at OSU.
- b. The foreign language requirement for the B.S., B.M. and B.F.A. may be satisfied by presenting a high school transcript which demonstrates two years of study of a single foreign language (passing grades at second-year level of study). It may also be satisfied by 6 hours college credit in the same language, which must include language courses 1713 and 1813, or equivalent proficiency (e.g., passing an advanced standing examination; TOEFL exam; presenting a high school transcript which demonstrates the high school was primarily conducted in a language other than English; etc.). Computer Science courses may not be used to satisfy this requirement.
- c. In addition to a. and b., students pursuing teacher certification must meet novice-high foreign language proficiency by presenting a high school transcript which demonstrates two years of study of a single foreign language with no grade below B. Or, students may complete 3 hours college credit in a single language with no grade below C (or pass an advanced standing examination, College Level Examination Program (CLEP) exam,

or Oral Proficiency Interview developed by the American Council on the Teaching of Foreign Languages, equivalent to 3 hours of college credit.) Or, students may meet the requirement by transfer of documentation of meeting the foreign language competency from one of the teacher education programs in the State of Oklahoma approved by the Oklahoma State Regents for Higher Education.

**4. Exclusions**

- a. Courses used to satisfy the General Education English Composition, U.S. History, American Government, and Mathematics or Statistics requirements will not count toward the 54-hour maximum allowed from one department.
- b. Courses with ATHL or LEIS prefixes and leisure activity courses may not be used for degree credit.

## Additional State/OSU Requirements

- At least: 60 hours at a four-year institution; 30 hours completed at OSU; 15 of the final 30 or 50% of the upper-division hours in the major field completed at OSU.
- Limit of: one-half of major course requirements as transfer work; one-fourth of hours earned by correspondence; 8 transfer correspondence hours.
- Students will be held responsible for degree requirements in effect at the time of matriculation and any changes that are made, so long as these changes do not result in semester credit hours being added or do not delay graduation.
- Degrees that follow this plan must be completed by the end of Summer 2028.

## Example Plan of Study

### Finish in Four Plan of Study

The plan below is an **example** of how students can successfully complete degree requirements in four years. This suggested class schedule plan may be used as a guide and can be adjusted based on individual needs. Students are required to meet with an academic advisor prior to enrollment each semester to plan their class schedule, and students are ultimately responsible for completing all degree requirements.

Course	Title	Hours
<b>Freshman</b>		
<b>Fall</b>		
MATH 1483	Mathematical Functions and Their Uses (A)	3
or MATH 1493	or Applications of Modern Mathematics (A)	
or MATH 1513	or College Algebra (A)	
or STAT 2013	or Elementary Statistics (A)	
or STAT 2053	or Elementary Statistics for the Social Sciences (A)	
POLS 1113	American Government	3
General Education courses		8
<b>Hours</b>		<b>14</b>
<b>Spring</b>		
POLS 2013	Introduction to International Relations (S)	3
or POLS 2113	or Introduction to Comparative Politics (IS)	
General Education courses		13
<b>Hours</b>		<b>16</b>
<b>Sophomore</b>		
<b>Fall</b>		
POLS 2213	Fundamentals of Political Science	3
1713 First Semester Foreign Language		3
General Education courses		9
<b>Hours</b>		<b>15</b>

<b>Spring</b>		
POLS 3103	Introduction to Political Inquiry	3
	1813 Second Semester Foreign Language	3
	College and Elective courses	9
	<b>Hours</b>	<b>15</b>
<b>Junior</b>		
<b>Fall</b>		
	2000-level Foreign Language	3
	Major, College, and Elective courses	12
	<b>Hours</b>	<b>15</b>
<b>Spring</b>		
	Major, College, and Elective courses	15
	<b>Hours</b>	<b>15</b>
<b>Senior</b>		
<b>Fall</b>		
	Major, College, and Elective courses	15
	<b>Hours</b>	<b>15</b>
<b>Spring</b>		
POLS 4903	Senior Capstone Seminar	3
	Major, College, and Elective courses	12
	<b>Hours</b>	<b>15</b>
	<b>Total Hours</b>	<b>120</b>

# Political Science: Practical Politics - Campaigning, Lobbying and Policymaking, BS

## Degree Requirements

**Requirements for Students Matriculating in or before Academic Year 2022-2023.** Learn more about University Academic Regulation 3.1 (p. 943).

**Minimum Overall Grade Point Average: 2.00**

**Total Hours: 120**

Code	Title	Hours
<b>General Education Requirements</b>		
<i>English Composition</i>		
See Academic Regulation 3.5 (p. 944)		
ENGL 1113	Composition I	3
or ENGL 1313	Critical Analysis and Writing I	
ENGL 1213	Composition II	3
or ENGL 1413	Critical Analysis and Writing II	
or ENGL 3323	Technical Writing	
<i>American History &amp; Government</i>		
HIST 1103	Survey of American History	3
or HIST 1483	American History to 1865 (H)	
or HIST 1493	American History Since 1865 (DH)	
POLS 1113	American Government	3
<i>Analytical &amp; Quantitative Thought (A)</i>		
MATH or STAT course designated (A)		3
<i>Humanities (H)</i>		
Courses designated (H)		6
<i>Natural Sciences (N)</i>		
Must include one Laboratory Science (L) course		
Courses designated (N)		6
<i>Social &amp; Behavioral Sciences (S)</i>		
SPCH 2713	Introduction to Speech Communication (S)	3
or SPCH 3733	Elements of Persuasion (S)	
<i>Additional General Education</i>		
Courses designated (A), (H), (N), or (S)		10
<b>Hours Subtotal</b>		<b>40</b>
<b>Diversity (D) &amp; International Dimension (I)</b>		
May be completed in any part of the degree plan		
Select at least one Diversity (D) course		
Select at least one International Dimension (I) course		
<b>College/Departmental Requirements</b>		
<i>First Year Seminar</i>		
(Transfer students with 15 hours exempt)		1
<i>Arts &amp; Humanities</i>		
See note 2.a.		3
<i>Natural &amp; Mathematical Sciences</i>		
See note 2.b.		9
<i>Foreign Language</i>		
0-6 hours. See note 3.		

### Upper-Division General Education

Select 6 hours outside major department. See note 2.c.

**Hours Subtotal** 13

### Major Requirements

Minimum GPA 2.50 with a minimum grade of "C" in each course.

#### Core Requirements

POLS 2013	Introduction to International Relations (S)	3
POLS 2113	Introduction to Comparative Politics (IS)	3
POLS 2213	Fundamentals of Political Science	3
POLS 3103	Introduction to Political Inquiry	3
POLS 3443	Pol Campaigns And Candidacy	3
or POLS 3533	Lobbying: the Art of Influence and Manipulation	
POLS 3493	Public Policy	3
POLS 3513	Public Opinion and Polling	3
POLS 4903	Senior Capstone Seminar	3
9 hours from:		9
POLS 3100	Political Science Internship	
POLS 3353	Political Parties	
POLS 3423	Voting and Elections	
POLS 3443	Pol Campaigns And Candidacy	
POLS 3453	U.S. Congress	
POLS 3523	Money, Media And Politics	
POLS 3533	Lobbying: the Art of Influence and Manipulation	
POLS 3613	State and Local Government	
POLS 4333	Improving Democracy: How to Reform Government by the People (S)	

9 hours upper-division courses from POLS or any other 3000- or 4000-level courses. <sup>1</sup>

**Hours Subtotal** 42

### Electives

Select 25 hours. <sup>1</sup> 25

May need to include 6 hours of a foreign language (see note 3).

May need to include 6 hours upper-division general education outside major department (see note 2.c.), and 7 additional upper-division hours.

**Hours Subtotal** 25

**Total Hours** 120

## Other Requirements

- See the College of Arts and Sciences Requirements.
- Minimum 2.0 GPA in all POLS courses.
- **Upper-Division Credit:** Total hours must include at least 40 hours in courses numbered 3000 or above.
- **Hours in One Department:** For B.A. and B.S. degrees, no more than 54 hours in one department may be applied to degree requirements.

## College of Arts and Sciences Requirements

### 1. General Education Requirements

No more than two courses (or eight hours) from the major department (<http://catalog.okstate.edu/college-arts-sciences-major-departments/>) may be used to meet General Education and College

and Departmental Requirements. The General Education required English Composition, required U.S. History, required American Government, one required MATH or STAT course, and required foreign language for B.A. degrees do not count against the two-course maximum.

## 2. A&S College/Departmental Requirements

- Arts and Humanities are defined as any course carrying an (H) designation or courses from AMST, ART, DANC, ENGL (except ENGL 3323 Technical Writing) HIST, MUSI, PHIL (except PHIL 1313 Logic and Critical Thinking (A), PHIL 3003 Symbolic Logic (A) and PHIL 4003 Mathematical Logic and Computability), REL, TH, and foreign languages.
- Natural and Mathematical Sciences are defined as any course from the following prefixes: ASTR, BIOC, BIOL, CHEM, CS (except CS 4883 Social Issues in Computing), GEOL, MATH, MICR, PBIO, PHYS, and STAT; or courses from other departments that carry an (A) or (N) general education designation.
- The required six hours of upper-division General Education may not include courses from the student's major department. This requirement may be satisfied by courses also used to satisfy any part of a student's degree program (i.e., in General Education, College Departmental Requirements, Major Requirements or Electives).
- Non-Western Studies Requirement for B.A. and B.F.A.; One 3-hour course in Non-Western Studies (N.W.). This requirement may be satisfied by courses also used to satisfy any part of a student's degree program (i.e., in General Education, College Departmental Requirements, Major Requirements or Electives).
- The College of Arts & Sciences requires a minimum 2.0 GPA in all major requirements and a minimum 2.0 GPA in all major-prefix courses applied to the degree.

## 3. Foreign Language Proficiency

- The foreign language requirement for the B.A. may be satisfied by 9 hours college credit in the same language, which must include 3 hours at the 2000-level, or equivalent proficiency (e.g., passing an advanced standing examination; TOEFL exam; presenting a high school transcript which demonstrates the high school was primarily conducted in a language other than English; etc.). Computer Science courses may not be used to satisfy this requirement. Currently Arabic and Mvskoke are not offered at the 2000-level at OSU.
- The foreign language requirement for the B.S., B.M. and B.F.A. may be satisfied by presenting a high school transcript which demonstrates two years of study of a single foreign language (passing grades at second-year level of study). It may also be satisfied by 6 hours college credit in the same language, which must include language courses 1713 and 1813, or equivalent proficiency (e.g., passing an advanced standing examination; TOEFL exam; presenting a high school transcript which demonstrates the high school was primarily conducted in a language other than English; etc.). Computer Science courses may not be used to satisfy this requirement.
- In addition to a. and b., students pursuing teacher certification must meet novice-high foreign language proficiency by presenting a high school transcript which demonstrates two years of study of a single foreign language with no grade below B. Or, students may complete 3 hours college credit in a single language with no grade below C (or pass an advanced standing examination, College Level Examination Program (CLEP) exam, or Oral Proficiency Interview developed by the American Council

on the Teaching of Foreign Languages, equivalent to 3 hours of college credit.) Or, students may meet the requirement by transfer of documentation of meeting the foreign language competency from one of the teacher education programs in the State of Oklahoma approved by the Oklahoma State Regents for Higher Education.

## 4. Exclusions

- Courses used to satisfy the General Education English Composition, U.S. History, American Government, and Mathematics or Statistics requirements will not count toward the 54-hour maximum allowed from one department.
- Courses with ATHL or LEIS prefixes and leisure activity courses may not be used for degree credit.

## Additional State/OSU Requirements

- At least: 60 hours at a four-year institution; 30 hours completed at OSU; 15 of the final 30 or 50% of the upper-division hours in the major field completed at OSU.
- Limit of: one-half of major course requirements as transfer work; one-fourth of hours earned by correspondence; 8 transfer correspondence hours.
- Students will be held responsible for degree requirements in effect at the time of matriculation and any changes that are made, so long as these changes do not result in semester credit hours being added or do not delay graduation.
- Degrees that follow this plan must be completed by the end of Summer 2028.

## Example Plan of Study

### Finish in Four Plan of Study

The plan below is an **example** of how students can successfully complete degree requirements in four years. This suggested class schedule plan may be used as a guide and can be adjusted based on individual needs. Students are required to meet with an academic advisor prior to enrollment each semester to plan their class schedule, and students are ultimately responsible for completing all degree requirements.

Course	Title	Hours
<b>Freshman</b>		
<b>Fall</b>		
MATH 1483 or MATH 1493 or MATH 1513 or STAT 2013 or STAT 2053	Mathematical Functions and Their Uses (A) or Applications of Modern Mathematics (A) or College Algebra (A) or Elementary Statistics (A) or Elementary Statistics for the Social Sciences (A)	3
POLS 1113	American Government	3
General Education courses		10
		<b>Hours</b>
		<b>16</b>
<b>Spring</b>		
POLS 2013 or POLS 2113	Introduction to International Relations (S) or Introduction to Comparative Politics (IS)	3
General Education courses		11
		<b>Hours</b>
		<b>14</b>
<b>Sophomore</b>		
<b>Fall</b>		
POLS 2213	Fundamentals of Political Science	3
General Education courses		12
		<b>Hours</b>
		<b>15</b>
<b>Spring</b>		
POLS 3103	Introduction to Political Inquiry	3

College and Elective courses	12
<b>Hours</b>	<b>15</b>
<b>Junior</b>	
<b>Fall</b>	
Major, College, and Elective courses	15
<b>Hours</b>	<b>15</b>
<b>Spring</b>	
Major, College, and Elective courses	15
<b>Hours</b>	<b>15</b>
<b>Senior</b>	
<b>Fall</b>	
Major, College, and Elective courses	15
<b>Hours</b>	<b>15</b>
<b>Spring</b>	
POLS 4903 Senior Capstone Seminar	3
Major, College, and Elective courses	12
<b>Hours</b>	<b>15</b>
<b>Total Hours</b>	<b>120</b>



## Political Science: Pre-Law, BA

### Degree Requirements

**Requirements for Students Matriculating in or before Academic Year 2022-2023.** Learn more about University Academic Regulation 3.1 (p. 943).

**Minimum Overall Grade Point Average:** 2.00

**Total Hours:** 120

Code	Title	Hours
<b>General Education Requirements</b>		
<i>English Composition</i>		
See Academic Regulation 3.5 (p. 944)		
ENGL 1113 or ENGL 1313	Composition I Critical Analysis and Writing I	3
ENGL 1213 or ENGL 1413 or ENGL 3323	Composition II Critical Analysis and Writing II Technical Writing	3
<i>American History &amp; Government</i>		
HIST 1103 or HIST 1483 or HIST 1493	Survey of American History American History to 1865 (H) American History Since 1865 (DH)	3
POLS 1113	American Government	3
<i>Analytical &amp; Quantitative Thought (A)</i>		
MATH or STAT course designated (A)		3
<i>Humanities (H)</i>		
Courses designated (H)		6
<i>Natural Sciences (N)</i>		
Must include one Laboratory Science (L) course.		
Courses designated (N) with one (L)		6
<i>Social &amp; Behavioral Sciences (S)</i>		
SPCH 2713 or SPCH 3733	Introduction to Speech Communication (S) Elements of Persuasion (S)	3
<i>Additional General Education</i>		
Courses designated (A), (H), (N), or (S)		10
<b>Hours Subtotal</b>		<b>40</b>
<b>Diversity (D) &amp; International Dimension (I)</b>		
May be completed in any part of the degree plan.		
At least one Diversity (D) course		
At least one International Dimension (I) course		
<b>College/Departmental Requirements</b>		
<i>First Year Seminar</i>		
(Transfer students with 15 hours exempt)		1
<i>Arts &amp; Humanities</i>		
(See note 2.a.)		9
<i>Natural &amp; Mathematical Sciences</i>		
PHIL 1313 or PHIL 3003	Logic and Critical Thinking (A) Symbolic Logic (A)	3
(See note 2.b.)		
<i>Foreign Languages</i>		
(See note 3.)		9
<i>Non-Western Studies</i>		

(See note 2.d.)

*Upper-Division General Education*

6 hours outside major department

(See note 2.c.)

**Hours Subtotal** **22**

**Major Requirements**

Minimum GPA 2.50 with a minimum grade of "C" in each course.

A minimum of 30 hours POLS (24 hours must be upper-division).

*Requirements:*

POLS 2013 or POLS 2113	Introduction to International Relations (S) Introduction to Comparative Politics (IS)	3
POLS 2023	The Individual And The Law	3
POLS 2213	Fundamentals of Political Science	3
POLS 3103	Introduction to Political Inquiry	3
POLS 3983	Courts and Judicial Process (S)	3
POLS 3993	Legal Research And Analysis	3
POLS 4353 or POLS 4980	Administrative Law Advanced Topics in Public Law	3
POLS 4963	U.S. Constitution: Civil Rights and Civil Liberties	3
POLS 4973	U.S. Constitution: Separation of Powers	3
POLS 4903	Senior Capstone Seminar	3
9 hours of any upper-division POLS		9
9 hours of upper-division Pre-Law courses from:		9
AGEC 3713	Agricultural Law	
AMIS 4013	American Indian Sovereignty (D)	
AMST 3333	Crime, Law and American Culture (S)	
LSB 3213	Legal and Regulatory Environment of Business	
PHIL 3003	Symbolic Logic (A)	
PHIL 3413	Ethical Theory (H)	
PHIL 3843	Philosophy of Law (H)	
POLS 4353	Administrative Law	
POLS 4980	Advanced Topics in Public Law	
PSYC 4143	Psychology and Law	
SOC 4313	Sociology of Law	
SPCH 3733	Elements of Persuasion (S)	
SPCH 4793	Nonverbal Communication (S)	

**Hours Subtotal** **48**

**Electives** **10**

May need to include 6 hours upper-division general education outside major department (see note 2.c.).

**Hours Subtotal** **10**

**Total Hours** **120**

### Other Requirements

- See the College of Arts and Sciences Requirements.
- Minimum 2.0 GPA in all POLS courses.
- **Upper-Division Credit:** Total hours must include at least 40 hours in courses numbered 3000 or above.
- **Hours in One Department:** For B.A. and B.S. degrees, no more than 54 hours in one department may be applied to degree requirements.

## College of Arts and Sciences Requirements

### 1. General Education Requirements

No more than two courses (or eight hours) from the major department (<http://catalog.okstate.edu/college-arts-sciences-major-departments/>) may be used to meet General Education and College and Departmental Requirements. The General Education required English Composition, required U.S. History, required American Government, one required MATH or STAT course, and required foreign language for B.A. degrees do not count against the two-course maximum.

### 2. A&S College/Departmental Requirements

- Arts and Humanities are defined as any course carrying an (H) designation or courses from AMST, ART, DANC, ENGL (except ENGL 3323 Technical Writing) HIST, MUSI, PHIL (except PHIL 1313 Logic and Critical Thinking (A), PHIL 3003 Symbolic Logic (A) and PHIL 4003 Mathematical Logic and Computability), REL, TH, and foreign languages.
- Natural and Mathematical Sciences are defined as any course from the following prefixes: ASTR, BIOC, BIOL, CHEM, CS (except CS 4883 Social Issues in Computing), GEOL, MATH, MICR, PBIO, PHYS, and STAT; or courses from other departments that carry an (A) or (N) general education designation.
- The required six hours of upper-division General Education may not include courses from the student's major department. This requirement may be satisfied by courses also used to satisfy any part of a student's degree program (i.e., in General Education, College Departmental Requirements, Major Requirements or Electives).
- Non-Western Studies Requirement for B.A. and B.F.A.; One 3-hour course in Non-Western Studies (N.W.). This requirement may be satisfied by courses also used to satisfy any part of a student's degree program (i.e., in General Education, College Departmental Requirements, Major Requirements or Electives).
- The College of Arts & Sciences requires a minimum 2.0 GPA in all major requirements and a minimum 2.0 GPA in all major-prefix courses applied to the degree.

### 3. Foreign Language Proficiency

- The foreign language requirement for the B.A. may be satisfied by 9 hours college credit in the same language, which must include 3 hours at the 2000-level, or equivalent proficiency (e.g., passing an advanced standing examination; TOEFL exam; presenting a high school transcript which demonstrates the high school was primarily conducted in a language other than English; etc.). Computer Science courses may not be used to satisfy this requirement. Currently Arabic and Mvskoke are not offered at the 2000-level at OSU.
- The foreign language requirement for the B.S., B.M. and B.F.A. may be satisfied by presenting a high school transcript which demonstrates two years of study of a single foreign language (passing grades at second-year level of study). It may also be satisfied by 6 hours college credit in the same language, which must include language courses 1713 and 1813, or equivalent proficiency (e.g., passing an advanced standing examination; TOEFL exam; presenting a high school transcript which demonstrates the high school was primarily conducted in a language other than English; etc.). Computer Science courses may not be used to satisfy this requirement.

- In addition to a. and b., students pursuing teacher certification must meet novice-high foreign language proficiency by presenting a high school transcript which demonstrates two years of study of a single foreign language with no grade below B. Or, students may complete 3 hours college credit in a single language with no grade below C (or pass an advanced standing examination, College Level Examination Program (CLEP) exam, or Oral Proficiency Interview developed by the American Council on the Teaching of Foreign Languages, equivalent to 3 hours of college credit.) Or, students may meet the requirement by transfer of documentation of meeting the foreign language competency from one of the teacher education programs in the State of Oklahoma approved by the Oklahoma State Regents for Higher Education.

### 4. Exclusions

- Courses used to satisfy the General Education English Composition, U.S. History, American Government, and Mathematics or Statistics requirements will not count toward the 54-hour maximum allowed from one department.
- Courses with ATHL or LEIS prefixes and leisure activity courses may not be used for degree credit.

## Additional State/OSU Requirements

- At least: 60 hours at a four-year institution; 30 hours completed at OSU; 15 of the final 30 or 50% of the upper-division hours in the major field completed at OSU.
- Limit of: one-half of major course requirements as transfer work; one-fourth of hours earned by correspondence; 8 transfer correspondence hours.
- Students will be held responsible for degree requirements in effect at the time of matriculation and any changes that are made, so long as these changes do not result in semester credit hours being added or do not delay graduation.
- Degrees that follow this plan must be completed by the end of Summer 2028.

## Example Plan of Study

### Finish in Four Plan of Study

The plan below is an **example** of how students can successfully complete degree requirements in four years. This suggested class schedule plan may be used as a guide and can be adjusted based on individual needs. Students are required to meet with an academic advisor prior to enrollment each semester to plan their class schedule, and students are ultimately responsible for completing all degree requirements.

Course	Title	Hours
<b>Freshman</b>		
<b>Fall</b>		
MATH 1483 or MATH 1493 or MATH 1513 or STAT 2013 or STAT 2053	Mathematical Functions and Their Uses (A) or Applications of Modern Mathematics (A) or College Algebra (A) or Elementary Statistics (A) or Elementary Statistics for the Social Sciences (A)	3
POLS 1113	American Government	3
General Education courses		8
		<b>Hours</b>
		<b>14</b>
<b>Spring</b>		
POLS 2013 or POLS 2113	Introduction to International Relations (S) or Introduction to Comparative Politics (IS)	3

General Education courses	13
<b>Hours</b>	<b>16</b>
<b>Sophomore</b>	
<b>Fall</b>	
POLS 2213 Fundamentals of Political Science	3
1713 First Semester Foreign Language	3
General Education courses	9
<b>Hours</b>	<b>15</b>
<b>Spring</b>	
POLS 3103 Introduction to Political Inquiry	3
1813 Second Semester Foreign Language	3
College and Elective courses	9
<b>Hours</b>	<b>15</b>
<b>Junior</b>	
<b>Fall</b>	
2000-level Foreign Language	3
Major, College, and Elective courses	12
<b>Hours</b>	<b>15</b>
<b>Spring</b>	
Major, College, and Elective courses	15
<b>Hours</b>	<b>15</b>
<b>Senior</b>	
<b>Fall</b>	
Major, College, and Elective courses	15
<b>Hours</b>	<b>15</b>
<b>Spring</b>	
POLS 4903 Senior Capstone Seminar	3
Major, College, and Elective courses	12
<b>Hours</b>	<b>15</b>
<b>Total Hours</b>	<b>120</b>

## Political Science: Pre-Law, BS

### Degree Requirements

**Requirements for Students Matriculating in or before Academic Year 2022-2023.** Learn more about University Academic Regulation 3.1 (p. 943).

**Minimum Overall Grade Point Average: 2.00**

**Total Hours: 120**

Code	Title	Hours
<b>General Education Requirements</b>		
<i>English Composition</i>		
See Academic Regulation 3.5 (p. 944)		
ENGL 1113 or ENGL 1313	Composition I Critical Analysis and Writing I	3
ENGL 1213 or ENGL 1413 or ENGL 3323	Composition II Critical Analysis and Writing II Technical Writing	3
<i>American History &amp; Government</i>		
HIST 1103 or HIST 1483 or HIST 1493	Survey of American History American History to 1865 (H) American History Since 1865 (DH)	3
POLS 1113	American Government	3
<i>Analytical &amp; Quantitative Thought</i>		
MATH or STAT course designated (A)		3
<i>Humanities (H)</i>		
Courses designated (H)		6
<i>Natural Sciences (N)</i>		
Must include one Laboratory Science (L) course		
Courses designated (N) with one (L)		6
<i>Social &amp; Behavioral Sciences (S)</i>		
SPCH 2713 or SPCH 3733	Introduction to Speech Communication (S) Elements of Persuasion (S)	3
<i>Additional General Education</i>		
Courses designated (A), (H), (N), or (S)		10
<b>Hours Subtotal</b>		<b>40</b>
<b>Diversity (D) &amp; International Dimension (I)</b>		
May be completed in any part of the degree plan.		
At least one Diversity (D) course		
At least one International Dimension (I) course		
<b>College/Departmental Requirements</b>		
<i>First Year Seminar</i>		
(Transfer students with 15 hours exempt)		1
<i>Arts &amp; Humanities</i>		
(See note 2.a.)		3
<i>Natural &amp; Mathematical Sciences</i>		
PHIL 1313 or PHIL 3003	Logic and Critical Thinking (A) Symbolic Logic (A)	3
(See note 2.b.)		6
<i>Foreign Languages</i>		
(See note 3.)		0-6 hours

#### Upper-Division General Education

6 hours outside major department

(See note 2.c.)

**Hours Subtotal 13**

#### Major Requirements

Minimum GPA 2.50 with a minimum grade of "C" in each course.

A minimum of 30 hours POLS (24 hours must be upper-division).

Requirements (21 hours):

POLS 2013 or POLS 2113	Introduction to International Relations (S) Introduction to Comparative Politics (IS)	3
POLS 2023	The Individual And The Law	3
POLS 2213	Fundamentals of Political Science	3
POLS 3103	Introduction to Political Inquiry	3
POLS 3983	Courts and Judicial Process (S)	3
POLS 3993	Legal Research And Analysis	3
POLS 4353 or POLS 4980	Administrative Law Advanced Topics in Public Law	3
POLS 4963	U.S. Constitution: Civil Rights and Civil Liberties	3
POLS 4973	U.S. Constitution: Separation of Powers	3
POLS 4903	Senior Capstone Seminar	3
9 hours of any upper-division POLS <sup>1</sup>		9
9 hours of upper-division Pre-Law courses from: <sup>1</sup>		9
AGEC 3713	Agricultural Law	
AMIS 4013	American Indian Sovereignty (D)	
AMST 3333	Crime, Law and American Culture (S)	
LSB 3213	Legal and Regulatory Environment of Business	
PHIL 3003	Symbolic Logic (A)	
PHIL 3413	Ethical Theory (H)	
PHIL 3843	Philosophy of Law (H)	
POLS 4353	Administrative Law	
POLS 4980	Advanced Topics in Public Law	
PSYC 4143	Psychology and Law	
SOC 4313	Sociology of Law	
SPCH 3733	Elements of Persuasion (S)	
SPCH 4793	Nonverbal Communication (S)	
<b>Hours Subtotal</b>		<b>48</b>
<b>Electives</b>		
Select 19 hours. <sup>1</sup>		19
May need to include 6 hours upper-division general education outside major department. See note 2.c.		
<b>Hours Subtotal</b>		<b>19</b>
<b>Total Hours</b>		<b>120</b>

**Hours Subtotal 48**

#### Electives

Select 19 hours. <sup>1</sup> 19

May need to include 6 hours upper-division general education outside major department. See note 2.c.

**Hours Subtotal 19**

**Total Hours 120**

1

With approval from the advisor and department head, a maximum of 30 hours from an accredited doctoral law program may be used for these areas.

### Other Requirements

- See the College of Arts and Sciences Requirements.
- Minimum 2.0 GPA in all POLS courses.

- **Upper-Division Credit:** Total hours must include at least 40 hours in courses numbered 3000 or above.
- **Hours in One Department:** For B.A. and B.S. degrees, no more than 54 hours in one department may be applied to degree requirements.

## College of Arts and Sciences Requirements

### 1. General Education Requirements

No more than two courses (or eight hours) from the major department (<http://catalog.okstate.edu/college-arts-sciences-major-departments/>) may be used to meet General Education and College and Departmental Requirements. The General Education required English Composition, required U.S. History, required American Government, one required MATH or STAT course, and required foreign language for B.A. degrees do not count against the two-course maximum.

### 2. A&S College/Departmental Requirements

- Arts and Humanities are defined as any course carrying an (H) designation or courses from AMST, ART, DANC, ENGL (except ENGL 3323 Technical Writing) HIST, MUSI, PHIL (except PHIL 1313 Logic and Critical Thinking (A), PHIL 3003 Symbolic Logic (A) and PHIL 4003 Mathematical Logic and Computability), REL, TH, and foreign languages.
- Natural and Mathematical Sciences are defined as any course from the following prefixes: ASTR, BIOC, BIOL, CHEM, CS (except CS 4883 Social Issues in Computing), GEOL, MATH, MICR, PBIO, PHYS, and STAT; or courses from other departments that carry an (A) or (N) general education designation.
- The required six hours of upper-division General Education may not include courses from the student's major department. This requirement may be satisfied by courses also used to satisfy any part of a student's degree program (i.e., in General Education, College Departmental Requirements, Major Requirements or Electives).
- Non-Western Studies Requirement for B.A. and B.F.A.; One 3-hour course in Non-Western Studies (N.W.). This requirement may be satisfied by courses also used to satisfy any part of a student's degree program (i.e., in General Education, College Departmental Requirements, Major Requirements or Electives).
- The College of Arts & Sciences requires a minimum 2.0 GPA in all major requirements and a minimum 2.0 GPA in all major-prefix courses applied to the degree.

### 3. Foreign Language Proficiency

- The foreign language requirement for the B.A. may be satisfied by 9 hours college credit in the same language, which must include 3 hours at the 2000-level, or equivalent proficiency (e.g., passing an advanced standing examination; TOEFL exam; presenting a high school transcript which demonstrates the high school was primarily conducted in a language other than English; etc.). Computer Science courses may not be used to satisfy this requirement. Currently Arabic and Mvskoke are not offered at the 2000-level at OSU.
- The foreign language requirement for the B.S., B.M. and B.F.A. may be satisfied by presenting a high school transcript which demonstrates two years of study of a single foreign language (passing grades at second-year level of study). It may also be satisfied by 6 hours college credit in the same language, which must include language courses 1713 and 1813, or equivalent proficiency (e.g., passing an advanced standing

examination; TOEFL exam; presenting a high school transcript which demonstrates the high school was primarily conducted in a language other than English; etc.). Computer Science courses may not be used to satisfy this requirement.

- In addition to a. and b., students pursuing teacher certification must meet novice-high foreign language proficiency by presenting a high school transcript which demonstrates two years of study of a single foreign language with no grade below B. Or, students may complete 3 hours college credit in a single language with no grade below C (or pass an advanced standing examination, College Level Examination Program (CLEP) exam, or Oral Proficiency Interview developed by the American Council on the Teaching of Foreign Languages, equivalent to 3 hours of college credit.) Or, students may meet the requirement by transfer of documentation of meeting the foreign language competency from one of the teacher education programs in the State of Oklahoma approved by the Oklahoma State Regents for Higher Education.

### 4. Exclusions

- Courses used to satisfy the General Education English Composition, U.S. History, American Government, and Mathematics or Statistics requirements will not count toward the 54-hour maximum allowed from one department.
- Courses with ATHL or LEIS prefixes and leisure activity courses may not be used for degree credit.

## Additional State/OSU Requirements

- At least: 60 hours at a four-year institution; 30 hours completed at OSU; 15 of the final 30 or 50% of the upper-division hours in the major field completed at OSU.
- Limit of: one-half of major course requirements as transfer work; one-fourth of hours earned by correspondence; 8 transfer correspondence hours.
- Students will be held responsible for degree requirements in effect at the time of matriculation and any changes that are made, so long as these changes do not result in semester credit hours being added or do not delay graduation.
- Degrees that follow this plan must be completed by the end of Summer 2028.

## Example Plan of Study

### Finish in Four Plan of Study

The plan below is an **example** of how students can successfully complete degree requirements in four years. This suggested class schedule plan may be used as a guide and can be adjusted based on individual needs. Students are required to meet with an academic advisor prior to enrollment each semester to plan their class schedule, and students are ultimately responsible for completing all degree requirements.

Course	Title	Hours
<b>Freshman</b>		
<b>Fall</b>		
MATH 1483 or MATH 1493 or MATH 1513 or STAT 2013 or STAT 2053	Mathematical Functions and Their Uses (A) or Applications of Modern Mathematics (A) or College Algebra (A) or Elementary Statistics (A) or Elementary Statistics for the Social Sciences (A)	3
POLS 1113	American Government	3
General Education courses		10
<b>Hours</b>		<b>16</b>

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<b>Spring</b>		
POLS 2013	Introduction to International Relations (S)	3
or POLS 2113	or Introduction to Comparative Politics (IS)	
General Education courses		11
<b>Hours</b>		<b>14</b>
<b>Sophomore</b>		
<b>Fall</b>		
POLS 2213	Fundamentals of Political Science	3
General Education courses		12
<b>Hours</b>		<b>15</b>
<b>Spring</b>		
POLS 3103	Introduction to Political Inquiry	3
College and Elective courses		12
<b>Hours</b>		<b>15</b>
<b>Junior</b>		
<b>Fall</b>		
Major, College, and Elective courses		15
<b>Hours</b>		<b>15</b>
<b>Spring</b>		
Major, College, and Elective courses		15
<b>Hours</b>		<b>15</b>
<b>Senior</b>		
<b>Fall</b>		
Major, College, and Elective courses		15
<b>Hours</b>		<b>15</b>
<b>Spring</b>		
POLS 4903	Senior Capstone Seminar	3
Major, College, and Elective courses		12
<b>Hours</b>		<b>15</b>
<b>Total Hours</b>		<b>120</b>



## Political Science: Public Policy, BA

**Requirements for Students Matriculating in or before Academic Year 2022-2023.** Learn more about University Academic Regulation 3.1 (p. 943).

**Minimum Overall Grade Point Average: 2.00**

**Total Hours: 120**

Code	Title	Hours
<b>General Education Requirements</b>		
<i>English Composition</i>		
See Academic Regulation 3.5 (p. 944)		
ENGL 1113 or ENGL 1313	Composition I Critical Analysis and Writing I	3
Select one of the following:		3
ENGL 1213	Composition II	
ENGL 1413	Critical Analysis and Writing II	
ENGL 3323	Technical Writing	
<i>American History &amp; Government</i>		
HIST 1103 or HIST 1483 or HIST 1493	Survey of American History American History to 1865 (H) American History Since 1865 (DH)	3
POLS 1113	American Government	3
<i>Analytical &amp; Quantitative Thought (A)</i>		
MATH or STAT course designated (A)		3
<i>Humanities (H)</i>		
Courses designated (H)		6
<i>Natural Sciences (N)</i>		
Must include one Laboratory Science (L) course		
Courses designated (N)		6
<i>Social &amp; Behavioral Sciences (S)</i>		
SPCH 2713 or SPCH 3733	Introduction to Speech Communication (S) Elements of Persuasion (S)	3
<i>Additional General Education</i>		10
Courses designated (A), (H), (N), or (S)		
<b>Hours Subtotal</b>		<b>40</b>
<b>Diversity (D) &amp; International Dimension (I)</b>		
May be completed in any part of the degree plan		
Select at least one Diversity (D) course		
Select at least one International Dimension (I) course		
<b>College/Departmental Requirements</b>		
<i>First Year Seminar</i>		1
(Transfer students with 15 hours exempt)		
<i>Arts &amp; Humanities</i>		
See note 2.a.		9
<i>Natural &amp; Mathematical Sciences</i>		
See note 2.b.		3
<i>Foreign Language</i>		
9 hours. See note 3.		9
<i>Non-Western Studies</i>		
See note 2.d.		
Upper-Division General Education		

Select 6 hours outside major department. See note 2.c.

<b>Hours Subtotal</b>		<b>22</b>
<b>Major Requirements</b>		
Minimum GPA 2.50 with grade of "C" in each course.		
POLS 2013 or POLS 2113	Introduction to International Relations (S) Introduction to Comparative Politics (IS)	3
POLS 2213	Fundamentals of Political Science	3
POLS 3103	Introduction to Political Inquiry	3
POLS 3493	Public Policy	3
POLS 4903	Senior Capstone Seminar	3
Any Upper Division POLS course		3
Select 12 hours from the following (3 hours must be POLS):		12
AGEC 2313	Case Studies in Agricultural Trade and Development	
AGEC 3703	Issues in Agricultural Policy	
AGEC 4503	Environmental Economics and Resource Development	
AGEC 4703	American Agricultural Policy	
AMIS 4013	American Indian Sovereignty (D)	
AMST 4103	The Death Penalty in America (S)	
ECON 2103	Introduction to Microeconomics (S)	
ECON 2203	Introduction to Macroeconomics	
ECON 3423	Public Finance	
ECON 3903	Economics of the Environment	
ECON 4113	Energy Economics: Traditional and Renewable Energy Markets	
ECON 4913	Urban and Regional Economics	
GEOG 2002	Global Sustainability (N)	
MGMT 3011	Business, Government and Society	
NREM 4043	Natural Resource Administration and Policy	
POLS 2030	Topics in Public Policy & Administration	
POLS 2313	Social Justice Politics (D)	
POLS 3513	Public Opinion and Polling	
POLS 3533	Lobbying: the Art of Influence and Manipulation	
POLS 3613	State and Local Government	
POLS 3893	Terrorism & Counterterrorism	
POLS 4013	American Foreign Policy	
POLS 4043	Global Political Economy	
POLS 4363	Environmental Law And Policy	
POLS 4593	Natural Resources and Environmental Policy	
POLS 4623	Oklahoma Politics (S)	
SOC 2243	Drugs and Drug Policy in the United States	
SOC 3333	Policing and Society (S)	
SOC 4453	Environmental Inequality (S)	
Upper-division division courses to complete the required 39 may be POLS or any other 3000- or 4000- level courses		9
<b>Hours Subtotal</b>		<b>39</b>
<b>Electives</b>		
Select 19 hours		
May need to include 6 hours of a foreign language (see note 3)		

May need to include 6 hours upper-division general education outside major department (see note 2.c.), and 1 additional upper-division hour

<b>Hours Subtotal</b>	<b>19</b>
<b>Total Hours</b>	<b>120</b>

## College of Arts and Sciences Requirements

### 1. General Education Requirements

No more than two courses (or eight hours) from the major department (<http://catalog.okstate.edu/college-arts-sciences-major-departments/>) may be used to meet General Education and College and Departmental Requirements. The General Education required English Composition, required U.S. History, required American Government, one required MATH or STAT course, and required foreign language for B.A. degrees do not count against the two-course maximum.

### 2. A&S College/Departmental Requirements

- Arts and Humanities are defined as any course carrying an (H) designation or courses from AMST, ART, DANC, ENGL (except ENGL 3323 Technical Writing) HIST, MUSI, PHIL (except PHIL 1313 Logic and Critical Thinking (A), PHIL 3003 Symbolic Logic (A) and PHIL 4003 Mathematical Logic and Computability), REL, TH, and foreign languages.
- Natural and Mathematical Sciences are defined as any course from the following prefixes: ASTR, BIOC, BIOL, CHEM, CS (except CS 4883 Social Issues in Computing), GEOL, MATH, MICR, PBIO, PHYS, and STAT; or courses from other departments that carry an (A) or (N) general education designation.
- The required six hours of upper-division General Education may not include courses from the student's major department. This requirement may be satisfied by courses also used to satisfy any part of a student's degree program (i.e., in General Education, College Departmental Requirements, Major Requirements or Electives).
- Non-Western Studies Requirement for B.A. and B.F.A.; One 3-hour course in Non-Western Studies (N.W.). This requirement may be satisfied by courses also used to satisfy any part of a student's degree program (i.e., in General Education, College Departmental Requirements, Major Requirements or Electives).
- The College of Arts & Sciences requires a minimum 2.0 GPA in all major requirements and a minimum 2.0 GPA in all major-prefix courses applied to the degree.

### 3. Foreign Language Proficiency

- The foreign language requirement for the B.A. may be satisfied by 9 hours college credit in the same language, which must include 3 hours at the 2000-level, or equivalent proficiency (e.g., passing an advanced standing examination; TOEFL exam; presenting a high school transcript which demonstrates the high school was primarily conducted in a language other than English; etc.). Computer Science courses may not be used to satisfy this requirement. Currently Arabic and Mvskoke are not offered at the 2000-level at OSU.
- The foreign language requirement for the B.S., B.M. and B.F.A. may be satisfied by presenting a high school transcript which demonstrates two years of study of a single foreign language (passing grades at second-year level of study). It may also be satisfied by 6 hours college credit in the same language, which must include language courses 1713 and 1813, or

equivalent proficiency (e.g., passing an advanced standing examination; TOEFL exam; presenting a high school transcript which demonstrates the high school was primarily conducted in a language other than English; etc.). Computer Science courses may not be used to satisfy this requirement.

- In addition to a. and b., students pursuing teacher certification must meet novice-high foreign language proficiency by presenting a high school transcript which demonstrates two years of study of a single foreign language with no grade below B. Or, students may complete 3 hours college credit in a single language with no grade below C (or pass an advanced standing examination, College Level Examination Program (CLEP) exam, or Oral Proficiency Interview developed by the American Council on the Teaching of Foreign Languages, equivalent to 3 hours of college credit.) Or, students may meet the requirement by transfer of documentation of meeting the foreign language competency from one of the teacher education programs in the State of Oklahoma approved by the Oklahoma State Regents for Higher Education.

### 4. Exclusions

- Courses used to satisfy the General Education English Composition, U.S. History, American Government, and Mathematics or Statistics requirements will not count toward the 54-hour maximum allowed from one department.
- Courses with ATHL or LEIS prefixes and leisure activity courses may not be used for degree credit.

## Additional State/OSU Requirements

- At least: 60 hours at a four-year institution; 30 hours completed at OSU; 15 of the final 30 or 50% of the upper-division hours in the major field completed at OSU.
- Limit of: one-half of major course requirements as transfer work; one-fourth of hours earned by correspondence; 8 transfer correspondence hours.
- Students will be held responsible for degree requirements in effect at the time of matriculation and any changes that are made, so long as these changes do not result in semester credit hours being added or do not delay graduation.
- Degrees that follow this plan must be completed by the end of Summer 2028.

## Political Science: Public Policy, BS

**Requirements for Students Matriculating in or before Academic Year 2022-2023.** Learn more about University Academic Regulation 3.1 (p. 943).

**Minimum Overall Grade Point Average: 2.00**

**Total Hours: 120**

Code	Title	Hours
<b>General Education Requirements</b>		
<i>English Composition</i>		
See Academic Regulation 3.5 (p. 944)		
ENGL 1113	Composition I	3
or ENGL 1313	Critical Analysis and Writing I	
Select one of the following:		3
ENGL 1213	Composition II	
ENGL 1413	Critical Analysis and Writing II	
ENGL 3323	Technical Writing	
<i>American History &amp; Government</i>		
HIST 1103	Survey of American History	3
or HIST 1483	American History to 1865 (H)	
or HIST 1493	American History Since 1865 (DH)	
POLS 1113	American Government	3
<i>Analytical &amp; Quantitative Thought (A)</i>		
MATH or STAT	course designated (A)	3
<i>Humanities (H)</i>		
Courses designated (H)		6
<i>Natural Sciences (N)</i>		
Must include one Laboratory Science (L) course		
Courses designated (N)		6
<i>Social &amp; Behavioral Sciences (S)</i>		
SPCH 2713	Introduction to Speech Communication (S)	3
or SPCH 3733	Elements of Persuasion (S)	
<i>Additional General Education</i>		
Courses designated (A), (H), (N), or (S)		10
<b>Hours Subtotal</b>		<b>40</b>
<b>Diversity (D) &amp; International Dimension (I)</b>		
May be completed in any part of the degree plan		
Select at least one Diversity (D) course		
Select at least one International Dimension (I) course		
<b>College/Departmental Requirements</b>		
<i>First Year Seminar</i>		1
(Transfer students with 15 hours exempt)		
<i>Arts &amp; Humanities</i>		
See note 2.a.		3
<i>Natural &amp; Mathematical Sciences</i>		
See note 2.b.		9
<i>Foreign Language</i>		
See note 3.		
0-6 hours		
Upper-Division General Education		
Select 6 hours outside major department. See note 2.c.		

<b>Hours Subtotal</b>		<b>13</b>
<b>Major Requirements</b>		
Minimum GPA 2.50 with a minimum grade of "C" in each course.		
POLS 2013	Introduction to International Relations (S)	3
or POLS 2113	Introduction to Comparative Politics (IS)	
POLS 2213	Fundamentals of Political Science	3
POLS 3103	Introduction to Political Inquiry	3
POLS 3493	Public Policy	3
POLS 4903	Senior Capstone Seminar	3
Any upper division POLS course		3
Select 12 hours from the following (3 must be POLS):		12
AGEC 2313	Case Studies in Agricultural Trade and Development	
AGEC 3703	Issues in Agricultural Policy	
AGEC 4503	Environmental Economics and Resource Development	
AGEC 4703	American Agricultural Policy	
AMIS 4013	American Indian Sovereignty (D)	
AMST 4103	The Death Penalty in America (S)	
ECON 2103	Introduction to Microeconomics (S)	
ECON 2203	Introduction to Macroeconomics	
ECON 3423	Public Finance	
ECON 3903	Economics of the Environment	
ECON 4113	Energy Economics: Traditional and Renewable Energy Markets	
ECON 4913	Urban and Regional Economics	
GEOG 2002	Global Sustainability (N)	
MGMT 3011	Business, Government and Society	
NREM 4043	Natural Resource Administration and Policy	
POLS 2030	Topics in Public Policy & Administration	
POLS 2313	Social Justice Politics (D)	
POLS 3513	Public Opinion and Polling	
POLS 3533	Lobbying: the Art of Influence and Manipulation	
POLS 3613	State and Local Government	
POLS 3893	Terrorism & Counterterrorism	
POLS 4013	American Foreign Policy	
POLS 4043	Global Political Economy	
POLS 4363	Environmental Law And Policy	
POLS 4593	Natural Resources and Environmental Policy	
POLS 4623	Oklahoma Politics (S)	
SOC 2243	Drugs and Drug Policy in the United States	
SOC 3333	Policing and Society (S)	
SOC 4453	Environmental Inequality (S)	
Upper-division courses to complete the required 39 may be POLS or any other 3000- or 4000-level courses		9
<b>Hours Subtotal</b>		<b>39</b>
<b>Electives</b>		
Select 28 hours		
May need to include 6 hours of a foreign language (see note 3)		

May need to include 6 hours upper-division general education outside major department (see note 2.c.), and 1 additional upper-division hour

<b>Hours Subtotal</b>	<b>28</b>
<b>Total Hours</b>	<b>120</b>

## College of Arts and Sciences Requirements

### 1. General Education Requirements

No more than two courses (or eight hours) from the major department (<http://catalog.okstate.edu/college-arts-sciences-major-departments/>) may be used to meet General Education and College and Departmental Requirements. The General Education required English Composition, required U.S. History, required American Government, one required MATH or STAT course, and required foreign language for B.A. degrees do not count against the two-course maximum.

### 2. A&S College/Departmental Requirements

- Arts and Humanities are defined as any course carrying an (H) designation or courses from AMST, ART, DANC, ENGL (except ENGL 3323 Technical Writing) HIST, MUSI, PHIL (except PHIL 1313 Logic and Critical Thinking (A), PHIL 3003 Symbolic Logic (A) and PHIL 4003 Mathematical Logic and Computability), REL, TH, and foreign languages.
- Natural and Mathematical Sciences are defined as any course from the following prefixes: ASTR, BIOC, BIOL, CHEM, CS (except CS 4883 Social Issues in Computing), GEOL, MATH, MICR, PBIO, PHYS, and STAT; or courses from other departments that carry an (A) or (N) general education designation.
- The required six hours of upper-division General Education may not include courses from the student's major department. This requirement may be satisfied by courses also used to satisfy any part of a student's degree program (i.e., in General Education, College Departmental Requirements, Major Requirements or Electives).
- Non-Western Studies Requirement for B.A. and B.F.A.; One 3-hour course in Non-Western Studies (N.W.). This requirement may be satisfied by courses also used to satisfy any part of a student's degree program (i.e., in General Education, College Departmental Requirements, Major Requirements or Electives).
- The College of Arts & Sciences requires a minimum 2.0 GPA in all major requirements and a minimum 2.0 GPA in all major-prefix courses applied to the degree.

### 3. Foreign Language Proficiency

- The foreign language requirement for the B.A. may be satisfied by 9 hours college credit in the same language, which must include 3 hours at the 2000-level, or equivalent proficiency (e.g., passing an advanced standing examination; TOEFL exam; presenting a high school transcript which demonstrates the high school was primarily conducted in a language other than English; etc.). Computer Science courses may not be used to satisfy this requirement. Currently Arabic and Mvskoke are not offered at the 2000-level at OSU.
- The foreign language requirement for the B.S., B.M. and B.F.A. may be satisfied by presenting a high school transcript which demonstrates two years of study of a single foreign language (passing grades at second-year level of study). It may also be satisfied by 6 hours college credit in the same language, which must include language courses 1713 and 1813, or

equivalent proficiency (e.g., passing an advanced standing examination; TOEFL exam; presenting a high school transcript which demonstrates the high school was primarily conducted in a language other than English; etc.). Computer Science courses may not be used to satisfy this requirement.

- In addition to a. and b., students pursuing teacher certification must meet novice-high foreign language proficiency by presenting a high school transcript which demonstrates two years of study of a single foreign language with no grade below B. Or, students may complete 3 hours college credit in a single language with no grade below C (or pass an advanced standing examination, College Level Examination Program (CLEP) exam, or Oral Proficiency Interview developed by the American Council on the Teaching of Foreign Languages, equivalent to 3 hours of college credit.) Or, students may meet the requirement by transfer of documentation of meeting the foreign language competency from one of the teacher education programs in the State of Oklahoma approved by the Oklahoma State Regents for Higher Education.

### 4. Exclusions

- Courses used to satisfy the General Education English Composition, U.S. History, American Government, and Mathematics or Statistics requirements will not count toward the 54-hour maximum allowed from one department.
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- Degrees that follow this plan must be completed by the end of Summer 2028.

## Psychology

The student pursuing a BA or BS in psychology is provided with a background which can be of great value in personal, social and vocational areas of life. The course of study applies the scientific method to the study of the behavior of an individual and behavior between individuals. The understanding of such material can be directly related to a variety of vocational opportunities. In addition, students may take advantage of opportunities to work with faculty in research or in teaching to gain additional experience. Such experiences are especially helpful to those students wishing to pursue graduate education in psychology or related fields.

A bachelor's degree in psychology is useful in a wide number of occupations in business, education and industry. The range of positions obtained by graduates covers almost all occupations requiring direct personal contact with other people. Some examples are supervision, training, sales, public relations and interviewing. Also included are positions with city, state and federal agencies, and in applied research. Although there is no licensure or certification to teach psychology in the schools, it is possible to earn a teaching certificate or license in social studies education with endorsement in psychology while pursuing a major in psychology. Persons interested in such teaching should contact the Office of Professional Education. (See "Professional Education Programs (<http://catalog.okstate.edu/education-human-sciences/professional-education-unit/>)" in the "College of Education and Human Sciences (p. 1859)" section of the Catalog.)

The department also offers courses in speech communication to enhance the student's ability to effectively communicate in the interpersonal, organizational and public contexts. Both conceptual knowledge and practical application are stressed to prepare students to begin careers in business and industry, or to enter graduate or professional schools.

## Courses

### PSYC 1111 Succeeding in Psychology

**Description:** This course will serve as a practical guide to making the most of your time as a psychology major at OSU and preparing for your work life beyond OSU, whether in graduate school or a career. You will learn about: resources that are available within the Psychology Department at OSU to help you succeed, strategies to maximize your competitiveness as a potential graduate student or future employee, and steps to take as you plan for your career after graduation.

**Credit hours:** 1

**Contact hours:** Lecture: 1 Contact: 1

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Psychology

### PSYC 1113 Introductory Psychology (S)

**Description:** Principles, theories, vocabulary and applications of the science of psychology.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Psychology

**General Education and other Course Attributes:** Social & Behavioral Sciences

### PSYC 2313 Psychology of Adjustment

**Prerequisites:** PSYC 1113.

**Description:** This course provides an introductory examination of the applied psychological theory and research concerning mental health and well-being. Subjects include stress and coping, identity, gender, personal growth, communication, interpersonal relationships, psychological disorders and treatment, and career issues. This course was previously taught as Psychology and Human Problems.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Psychology

### PSYC 2443 Clinical Child Psychology

**Prerequisites:** PSYC 1113 with grade of "C" or better.

**Description:** This course will present information from empirical research, key theories, and concepts that shape the current understanding of developmental psychopathology, and clinical child and adolescent psychology.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Psychology

### PSYC 2583 Developmental Psychology (S)

**Prerequisites:** PSYC 1113.

**Description:** The nature of pertinent studies, causes, and theories of human developmental phenomena across the life span. Course previously offered as PSYC 3583.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Psychology

**General Education and other Course Attributes:** Social & Behavioral Sciences

### PSYC 2593 Psychology of Human Sexuality

**Prerequisites:** PSYC 1113.

**Description:** Survey of behavioral, personality and psychophysiological components of human sexuality, with special emphasis on the delineation of facts from sexual myths.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Psychology

### PSYC 2743 Social Psychology (S)

**Prerequisites:** PSYC 1113.

**Description:** Theories and applications of social cognition, the self, pro-social and aggressive behavior, groups, attitudes and the environment. Course previously offered as PSYC 3743.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Psychology

**General Education and other Course Attributes:** Social & Behavioral Sciences



**PSYC 2890 Honors Experience in Psychology**

**Prerequisites:** Honors Program participation and concurrent enrollment in a designated PSYC course.

**Description:** A supplemental Honors experience in Psychology to partner concurrently with designated Psychology course(s). This course adds a different intellectual dimension to the designated course(s). Offered for fixed credit, 1 credit hour, maximum of 6 credit hours.

**Credit hours:** 1

**Contact hours:** Lecture: 1 Contact: 1

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Psychology

**General Education and other Course Attributes:** Honors Credit

**PSYC 3003 Data Analysis with Observation Oriented Modeling**

**Prerequisites:** PSYC 3214.

**Description:** Students will learn a suite of nonparametric analysis techniques (Observation Oriented Modeling) that are simple to use, easy to understand, and designed for data collected in the social and life sciences. Measurement, causal modeling, and the history of modern statistical methods of data analysis will also be covered in this course.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Psychology

**PSYC 3013 Psychology of Motivation**

**Prerequisites:** PSYC 1113.

**Description:** Examines the initiation, persistence and achievement of goal-directed behavior. Theory, research and applications of these concepts are emphasized.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Psychology

**PSYC 3033 Psychology of Humor (S)**

**Prerequisites:** PSYC 1113.

**Description:** The course will examine theoretical perspective on the topic of humor, including cross-cultural and individual as well as the development of humor.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Psychology

**General Education and other Course Attributes:** Social & Behavioral Sciences

**PSYC 3053 Psychology of Art (S)**

**Prerequisites:** PSYC 1113.

**Description:** The course will examine psychological approaches to the understanding of how art is experienced and produced. The course will examine all forms of art, including visual art, music, sculpture, and other forms of artistic expression.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Psychology

**General Education and other Course Attributes:** Social & Behavioral Sciences

**PSYC 3073 Neurobiological Psychology (N)**

**Prerequisites:** PSYC 1113.

**Description:** Neural bases of human experience and behavior. Topics include sensation and perception, motivation and emotion, learning and thinking.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Psychology

**General Education and other Course Attributes:** Natural Sciences

**PSYC 3113 Comparative Psychology (N)**

**Prerequisites:** PSYC 1113.

**Description:** Comparative study of behavior characteristics of selected samples of the animal kingdom from protozoa to humans. Topics include the history of comparative psychology, how to design a comparative experiment, and the importance of comparative psychology in our daily lives.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Psychology

**General Education and other Course Attributes:** Natural Sciences

**PSYC 3120 Special Topics in Psychology**

**Prerequisites:** PSYC 1113.

**Description:** Special topics in psychology to be determined by faculty. Offered for variable credit, 1-12 credit hours, maximum of 12 credit hours.

**Credit hours:** 1-12

**Contact hours:** Contact: 1-12 Other: 1-12

**Levels:** Undergraduate

**Schedule types:** Independent Study

**Department/School:** Psychology

**PSYC 3173 Introduction to Cognitive Science (N)**

**Description:** Introduction to the study of human and artificial intelligence. The course will survey contributions to the understanding of intelligence from psychology, neuroscience, computer science, philosophy, and linguistics.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Psychology

**General Education and other Course Attributes:** Natural Sciences

**PSYC 3214 Statistical Methods in Psychology**

**Prerequisites:** PSYC 1113, and either MATH 1483 or MATH 1513 or higher, or STAT 2013 or higher, with a grade of "C" or higher in one of the prerequisite math or statistics courses.

**Description:** Evaluation of research in psychology including scales of measurement and quantitative/statistical procedures for data analysis and inference. Course will cover descriptive statistics and inferential statistics with emphasis on procedures used in the psychological sciences.

**Credit hours:** 4

**Contact hours:** Lecture: 3 Lab: 2 Contact: 5

**Levels:** Undergraduate

**Schedule types:** Lab, Lecture, Combined lecture and lab

**Department/School:** Psychology



**PSYC 3343 Black Psychology (DS)****Prerequisites:** PSYC 1113.**Description:** Students will gain an understanding of the psychology of African Americans drawing upon African and American cultures and perspectives. The course will cover the foundations of African American psychology, African philosophy, Africentric psychology, intrapersonal and interpersonal topics such as family and community, peers and friends, racial identity, and select social issues among African Americans such as physical and mental health, education, racism, and employment. Same course as AFAM 3343.**Credit hours:** 3**Contact hours:** Lecture: 3 Contact: 3**Levels:** Undergraduate**Schedule types:** Lecture**Department/School:** Psychology**General Education and other Course Attributes:** Diversity, Social & Behavioral Sciences**PSYC 3413 Social Cognition & Behavior; Mating, Morality, & other Mysteries****Prerequisites:** PSYC 1113 and PSYC 2743.**Description:** We investigate advanced topics in social psychology dealing with social cognition, perception, and interpersonal behavior (e.g., cooperation, friendship, mating aggression), with special emphasis on cutting-edge theoretical approaches and understanding the processes of critically consuming and generating social psychological research. Previously taught as Psychology of Social Behaviors.**Credit hours:** 3**Contact hours:** Lecture: 3 Contact: 3**Levels:** Undergraduate**Schedule types:** Lecture**Department/School:** Psychology**PSYC 3443 Abnormal Psychology (S)****Prerequisites:** PSYC 1113.**Description:** This course will survey the field of abnormal psychology. We will examine the major psychological disorders, their causes, and how they are treated. The primary focus will be on the description of adult disorders and theories of etiology/treatment.**Credit hours:** 3**Contact hours:** Lecture: 3 Contact: 3**Levels:** Undergraduate**Schedule types:** Lecture**Department/School:** Psychology**General Education and other Course Attributes:** Social & Behavioral Sciences**PSYC 3513 Psychology of Learning****Prerequisites:** PSYC 1113, PSYC 3413.**Description:** Behavior change as a function of experience from relatively simple learning processes such as classical and instrumental conditioning to relatively complex processes such as verbal learning and concept identification.**Credit hours:** 3**Contact hours:** Lecture: 3 Contact: 3**Levels:** Undergraduate**Schedule types:** Lecture**Department/School:** Psychology**PSYC 3713 Psychology of Memory****Prerequisites:** PSYC 1113 and three additional hours of psychology.**Description:** An overview of scientific research on human memory including how memory operates in daily life, how memory changes as we age, why we do not remember much of our early childhood, memory disorders, and eyewitness memory.**Credit hours:** 3**Contact hours:** Lecture: 3 Contact: 3**Levels:** Undergraduate**Schedule types:** Lecture**Department/School:** Psychology**PSYC 3823 Cognitive Psychology****Prerequisites:** PSYC 1113, PSYC 3214 or equivalent.**Description:** Cognitive processes. Thinking, problem solving, visual imagery, attention, and memory search. Both theory and application emphasized.**Credit hours:** 3**Contact hours:** Lecture: 3 Contact: 3**Levels:** Undergraduate**Schedule types:** Lecture**Department/School:** Psychology**PSYC 3883 Positive Psychology****Description:** This course focuses on the positive side of human nature and the most effective ways to pursue the good life by examining scientific research centered on the nature of happiness and psychological well-being.**Credit hours:** 3**Contact hours:** Lecture: 3 Contact: 3**Levels:** Undergraduate**Schedule types:** Lecture**Department/School:** Psychology**PSYC 3890 Advanced Honors Experience in PSYC****Prerequisites:** Honors Program participation and concurrent enrollment in a designated PSYC course.**Description:** A supplemental Honors experience in Psychology to partner concurrently with designated upper-division PSYC course(s). This course adds a different intellectual dimension to the designated course(s). Offered for fixed credit, 1 credit hour, maximum of 6 credit hours.**Credit hours:** 1**Contact hours:** Lecture: 1 Contact: 1**Levels:** Undergraduate**Schedule types:** Lecture**Department/School:** Psychology**General Education and other Course Attributes:** Honors Credit**PSYC 3914 Experimental Psychology: Introduction to Research Methods in Psychology****Prerequisites:** PSYC 1113 and PSYC 3214 with a grade of "C" or better.**Description:** Examination of fundamentals of the scientific method as applied to research in psychology. Research design, sampling, measurement, analytical, evaluative, and interpretive skills needed to understand the professional research literature. Includes a laboratory component in which students conduct research, use SPSS for data analysis, and write APA style papers.**Credit hours:** 4**Contact hours:** Lecture: 3 Lab: 2 Contact: 5**Levels:** Undergraduate**Schedule types:** Lab, Lecture, Combined lecture and lab**Department/School:** Psychology

**PSYC 3990 Teaching Practicum****Prerequisites:** Consent of instructor.**Description:** For outstanding students. Students will work with a faculty instructor and assist in many aspects of teaching including guest lecturing, offering study sessions, office hours, among other duties as determined by instructor. May involve meetings and written papers. Offered for variable credit, 1-6 credit hours, maximum of 6 credit hours.**Credit hours:** 1-6**Contact hours:** Contact: 1-6 Other: 1-6**Levels:** Undergraduate**Schedule types:** Independent Study**Department/School:** Psychology**PSYC 4013 Introduction to Pediatric Psychology****Prerequisites:** PSYC 1113.**Description:** Pediatric psychology is a dynamic subspecialty that involves promotion of children's health and delivery of psychological services to children with both acute and chronic illnesses. This course provides an introduction to the field of pediatric psychology, including historical perspectives, theoretical models and underpinnings, roles of the pediatric psychologist in a number of hospital and clinic settings, and psychosocial interventions with a variety of childhood chronic illnesses and diseases. In addition, this course covers the empirical knowledge base for public health, injury prevention, pain management, consultation and liaison work, as well as general assessment and intervention in medical contexts for children with a variety of health-related issues.**Credit hours:** 3**Contact hours:** Lecture: 3 Contact: 3**Levels:** Undergraduate**Schedule types:** Lecture**Department/School:** Psychology**PSYC 4023 Evolutionary Psychology (N)****Prerequisites:** Introductory Psychology.**Description:** Evolutionary psychology is the scientific study of human nature that focuses on understanding the psychological adaptations that evolved to solve ancestral survival and reproductive problems. The course begins with a brief historical review of key themes in psychology and evolutionary biology. The adaptive problems of survival, long-term mating, sexuality, parenting, kinship, cooperation, aggression and warfare, conflict between the sexes, status, prestige, and social dominance are covered in the course.**Credit hours:** 3**Contact hours:** Lecture: 3 Contact: 3**Levels:** Undergraduate**Schedule types:** Lecture**Department/School:** Psychology**General Education and other Course Attributes:** Natural Sciences**PSYC 4073 Principles of Neuroscience****Prerequisites:** BIOL 1114 or (BIOL 1113 or BIOL 1111) and either (CHEM 1215, CHEM 1314, or CHEM 1414).**Description:** Neuroscience is an interdisciplinary field focused on understanding the structure and function of the brain, spinal cord, and peripheral nervous system. This course examines foundational theories and principles related to the neural mechanisms controlling physiological processes and behavior. Topics covered include cellular neurobiology, neuronal signaling, neural development and plasticity, comparative neuroanatomy, and neurobiology of complex brain functions such as sensory processing, arousal, emotions, learning, and memory. Previous coursework in physiology recommended. Same course as BIOL 4073. May not be used for degree credit with BIOL 5073 or PSYC 5073.**Credit hours:** 3**Contact hours:** Lecture: 3 Contact: 3**Levels:** Undergraduate**Schedule types:** Lecture**Department/School:** Psychology**PSYC 4123 Psychology of Women (DS)****Prerequisites:** PSYC 1113.**Description:** This course examines the biological, psychological and sociocultural factors influencing behavior, cognition, and affect in the lives of women.**Credit hours:** 3**Contact hours:** Lecture: 3 Contact: 3**Levels:** Undergraduate**Schedule types:** Lecture**Department/School:** Psychology**General Education and other Course Attributes:** Diversity, Social & Behavioral Sciences**PSYC 4143 Psychology and Law****Prerequisites:** PSYC 1113.**Description:** The new psycho-legal literature reviewed with emphasis on the psychological basis of voir dire, eyewitness behavior, courtroom persuasion, jury deliberation and mental health issues.**Credit hours:** 3**Contact hours:** Lecture: 3 Contact: 3**Levels:** Undergraduate**Schedule types:** Lecture**Department/School:** Psychology**PSYC 4153 Psychology and Mass Media****Prerequisites:** PSYC 1113.**Description:** Examination of the role of mass media in shaping public perceptions of mental illness and mental health treatment with a focus on the role of popular films. Students will learn to critically evaluate the veracity of film portrayals as well as common themes involving mental health. Also, aspects of social and cognitive psychology in film.**Credit hours:** 3**Contact hours:** Lecture: 3 Contact: 3**Levels:** Undergraduate**Schedule types:** Lecture**Department/School:** Psychology

**PSYC 4163 Psychology of Prejudice and Discrimination (D)****Prerequisites:** PSYC 1113.**Description:** Explores the nature and causes of stereotyping, discrimination and minority experience, mainly from a social psychological perspective. Examines how these issues impact social group members, especially members of low status or minority groups.**Credit hours:** 3**Contact hours:** Lecture: 3 Contact: 3**Levels:** Undergraduate**Schedule types:** Lecture**Department/School:** Psychology**General Education and other Course Attributes:** Diversity**PSYC 4183 Issues in Clinical Psychology****Prerequisites:** PSYC 1113 and three additional hours of psychology.**Description:** An in-depth look at clinical psychology including the role of science in clinical psychology, specialty areas in the discipline, and major therapy approaches. Also examines clinical psychology as a profession and applying to graduate school in clinical psychology.**Credit hours:** 3**Contact hours:** Lecture: 3 Contact: 3**Levels:** Undergraduate**Schedule types:** Lecture**Department/School:** Psychology**PSYC 4213 Conflict Resolution (S)****Prerequisites:** PSYC 1113.**Description:** Interpersonal conflict studied from psychological perspectives. Types and uses of conflict, and conditions for constructive dispute settlement.**Credit hours:** 3**Contact hours:** Lecture: 3 Contact: 3**Levels:** Undergraduate**Schedule types:** Lecture**Department/School:** Psychology**General Education and other Course Attributes:** Social & Behavioral Sciences**PSYC 4223 Decision Making and Problem Solving****Prerequisites:** PSYC 1113 or consent of instructor.**Description:** An examination of the research literature on individual decision-making and problem solving with dual emphases on theory and application. A thorough prior understanding of the human cognitive system is desirable, but not required. May not be used for degree credit with PSYC 5293.**Credit hours:** 3**Contact hours:** Lecture: 3 Contact: 3**Levels:** Undergraduate**Schedule types:** Lecture**Department/School:** Psychology**PSYC 4243 Psychology of Aging****Prerequisites:** PSYC 1113 or consent of instructor.**Description:** This course aims to increase your understanding of the human aging process through traditional classroom experiences focusing on knowledge of the physical, cognitive, and social changes that are part of late adulthood. Additionally, students will learn more actively by working with older adults who are living in our community. Our overall goal is to enhance our understanding of the psychology of aging by integrating our classroom-acquired knowledge with our community service experiences. May not be used for degree credit with PSYC 5243.**Credit hours:** 3**Contact hours:** Lecture: 3 Contact: 3**Levels:** Undergraduate**Schedule types:** Lecture**Department/School:** Psychology**PSYC 4263 Affective Neuroscience****Prerequisites:** PSYC 1113.**Description:** This course will examine biological mechanisms underlying emotions. Topics include basic theories of emotion, the neural circuits associated with emotion generation, as well as related cognitive processes. May not be used for degree credit with PSYC 5663.**Credit hours:** 3**Contact hours:** Lecture: 3 Contact: 3**Levels:** Undergraduate**Schedule types:** Lecture**Department/School:** Psychology**PSYC 4283 Health Psychology****Prerequisites:** PSYC 1113.**Description:** This course will explore the interplay between psychology and health, including the psychological impact of illness, psychological contributions to illness and wellness, health behaviors, and psychological interventions to improve health and healthcare.**Credit hours:** 3**Contact hours:** Lecture: 3 Contact: 3**Levels:** Undergraduate**Schedule types:** Lecture**Department/School:** Psychology**PSYC 4293 Forensic Psychology****Prerequisites:** PSYC 1113.**Description:** This course provides an introduction to forensic psychology, the relationship between psychology and law. The course examines five subspecialties of forensic psychology including associated careers.**Credit hours:** 3**Contact hours:** Lecture: 3 Contact: 3**Levels:** Undergraduate**Schedule types:** Lecture**Department/School:** Psychology**PSYC 4333 Personality****Prerequisites:** PSYC 1113 or consent of instructor.**Description:** Basic assumptions, research, and clinical issues relating to the major personality theories. May not be used for degree credit with PSYC 5533.**Credit hours:** 3**Contact hours:** Lecture: 3 Contact: 3**Levels:** Undergraduate**Schedule types:** Lecture**Department/School:** Psychology

**PSYC 4343 Language Development (S)****Prerequisites:** PSYC 1113 or consent of instructor.**Description:** Current theory and research on the development of language throughout the lifespan. The nature of language, first language acquisition, second and third language acquisition, brain and language, language processing, social aspects of language, gender differences in language use and language processing, language use by older adults, language use directed at older adults, language disorders, and language use in special populations.**Credit hours:** 3**Contact hours:** Lecture: 3 Contact: 3**Levels:** Undergraduate**Schedule types:** Lecture**Department/School:** Psychology**General Education and other Course Attributes:** Social & Behavioral Sciences**PSYC 4353 History of the Human Soul****Description:** Psychology literally means the study of the soul, and in this course students will explore the history of the human soul from antiquity to modern times. Students will read selections from various literary figures, scholars, and philosophers, such as Oscar Wilde, Victor Frankl, Plato, Aristotle, and St. Thomas Aquinas. Modern psychological theories will then be explored and discussed in light of these works.**Credit hours:** 3**Contact hours:** Lecture: 3 Contact: 3**Levels:** Undergraduate**Schedule types:** Lecture**Department/School:** Psychology**PSYC 4483 Psychology of Parent Behavior (S)****Prerequisites:** PSYC 1113.**Description:** Historical and contemporary conceptions of parent-child relationship and approaches to communication and discipline; special problems in parenting.**Credit hours:** 3**Contact hours:** Lecture: 3 Contact: 3**Levels:** Undergraduate**Schedule types:** Lecture**Department/School:** Psychology**General Education and other Course Attributes:** Social & Behavioral Sciences**PSYC 4493 History of Psychology****Prerequisites:** PSYC 1113.**Description:** History of psychology as an aspect of European intellectual history. Psychological thought from early philosophical roots to modern conceptions of psychology as a science. Topics include the contribution of under-represented groups to psychology and the role of non-European contributions to psychological thought and the solution to practical problems. May not be used for degree credit with PSYC 5493.**Credit hours:** 3**Contact hours:** Lecture: 3 Contact: 3**Levels:** Undergraduate**Schedule types:** Lecture**Department/School:** Psychology**PSYC 4633 Psychology of Sport and Human Performance****Prerequisites:** PSYC 1113.**Description:** This course will explore psychological issues related to sport and human performance, including performance enhancement, stress and arousal, motivation, leadership, and coping with injury and retirement.**Credit hours:** 3**Contact hours:** Lecture: 3 Contact: 3**Levels:** Undergraduate**Schedule types:** Lecture**Department/School:** Psychology**PSYC 4770 Undergraduate Senior Thesis****Prerequisites:** PSYC 1113, PSYC 3214, PSYC 3914, junior or senior standing and consent of instructor.**Description:** The thesis is an empirical study that results in a manuscript conforming to APA style. It should contain a literature review that informs specific hypothesis, as well as method, results, discussion, and reference sections. The results section of the manuscript is typically based on data collected by the student, but it is also acceptable for it to stem from an original analysis of an archival dataset. Offered for variable credit, 1-6 credit hours, maximum of 6 credit hours.**Credit hours:** 1-6**Contact hours:** Contact: 1-6 Other: 1-6**Levels:** Undergraduate**Schedule types:** Independent Study**Department/School:** Psychology**PSYC 4813 Psychological Testing****Prerequisites:** PSYC 1113 and PSYC 3214.**Description:** Quantitative aspects of measurement and testing, with emphasis on scaling, standardization, reliability and validity. Basic principles of construction and the ethics of use.**Credit hours:** 3**Contact hours:** Lecture: 3 Contact: 3**Levels:** Undergraduate**Schedule types:** Lecture**Department/School:** Psychology**PSYC 4880 Senior Honors Thesis****Prerequisites:** PSYC 3214, departmental invitation, senior standing.**Description:** The thesis is an empirical study that results in a manuscript conforming to APA style. It should contain a literature review that informs specific hypothesis, as well as method, results, discussion, and reference sections. The results section of the manuscript is typically based on data collected by the student, but it is also acceptable for it to stem from an original analysis of an archival dataset. Offered for variable credit, 1-6 credit hours, maximum of 6 credit hours.**Credit hours:** 1-6**Contact hours:** Contact: 1-6 Other: 1-6**Levels:** Undergraduate**Schedule types:** Independent Study**Department/School:** Psychology**PSYC 4883 Current Issues in Psychology****Prerequisites:** PSYC 3214, PSYC 3914.**Description:** A capstone course examining current issues in psychology, their relationship to current issues in other academic disciplines, and their relevance in an educated society.**Credit hours:** 3**Contact hours:** Lecture: 3 Contact: 3**Levels:** Undergraduate**Schedule types:** Lecture**Department/School:** Psychology

**PSYC 4990 Research Practicum**

**Prerequisites:** PSYC 1113, PSYC 3214 and consent of instructor.

**Description:** Supervised research experiences in psychology with a faculty member. May involve meetings and written paper(s). Offered for variable credit, 1-6 credit hours, maximum of 6 credit hours.

**Credit hours:** 1-6

**Contact hours:** Contact: 1-6 Other: 1-6

**Levels:** Undergraduate

**Schedule types:** Independent Study

**Department/School:** Psychology

**PSYC 5000 Thesis**

**Description:** Required of all graduate students majoring in psychology and writing a thesis. Offered for variable credit, 1-6 credit hours, maximum of 6 credit hours.

**Credit hours:** 1-6

**Contact hours:** Contact: 1-6 Other: 1-6

**Levels:** Graduate

**Schedule types:** Independent Study

**Department/School:** Psychology

**PSYC 5073 Principles of Neuroscience**

**Description:** This course examines foundational theories and principles related to the neural mechanisms controlling physiological processes and behavior. Topics covered include cellular neurobiology, neuronal signaling, neural development and plasticity, comparative neuroanatomy, and neurobiology of complex brain functions such as sensory processing, arousal, emotions, learning, and memory. Previous coursework in physiology recommended. Same course as BIOL 5073 and BIOM 5983. May not be used for degree credit with BIOL 4073 or PSYC 4073.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Graduate

**Schedule types:** Lecture

**Department/School:** Psychology

**PSYC 5113 Psychopathology**

**Prerequisites:** Graduate standing in psychology or consent of instructor.

**Description:** Principles of diagnosis and treatment of major disorders.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Graduate

**Schedule types:** Lecture

**Department/School:** Psychology

**PSYC 5120 Psychology Workshop**

**Description:** Provides an opportunity to study specific psychological problems, both applied and theoretical. Offered for variable credit, 2-6 credit hours, maximum of 6 credit hours.

**Credit hours:** 2-6

**Contact hours:** Contact: 2-6 Other: 2-6

**Levels:** Graduate

**Schedule types:** Independent Study

**Department/School:** Psychology

**PSYC 5153 Cognitive Assessment**

**Prerequisites:** PSYC 3443, PSYC 4813; graduate standing in the clinical program of the Department of Psychology or consent of instructor.

**Description:** Issues of psychological testing and assessment, psychometric theory, and ethics of testing as well as fundamental skills of cognitive and intellectual assessment, including administration, scoring, and interpretation of cognitive tests and report writing.

Application of cognitive tests to specific clinical problems.

**Credit hours:** 3

**Contact hours:** Lecture: 2 Lab: 2 Contact: 4

**Levels:** Graduate

**Schedule types:** Lab, Lecture, Combined lecture and lab

**Department/School:** Psychology

**PSYC 5193 Ethics and Professional Development in Psychology**

**Prerequisites:** Graduate standing in the Department of Psychology.

**Description:** Principles of ethics with a focus on the guidelines and standards for psychology. Legal and ethical issues for the practice of clinical psychology.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Graduate

**Schedule types:** Lecture

**Department/School:** Psychology

**PSYC 5233 Introduction to Clinical Methods**

**Prerequisites:** Consent of instructor.

**Description:** Introduction to a variety of topics relevant to clinical psychology training and professional development. Course will provide a foundation for subsequent training experiences. A special emphasis is placed upon developing the common therapy skills that will form a foundation for future clinical training experiences.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Graduate

**Schedule types:** Lecture

**Department/School:** Psychology

**PSYC 5243 Psychology of Aging**

**Prerequisites:** PSYC 1113 or consent of instructor.

**Description:** This course aims to increase your understanding of the human aging process through traditional classroom experiences focusing on knowledge of the physical, cognitive, and social changes that are part of late adulthood. Additionally, students will learn more actively by working with older adults who are living in our community. Our overall goal is to enhance our understanding of the psychology of aging by integrating our classroom-acquired knowledge with our community service experiences. May not be used for degree credit with PSYC 4243.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Graduate

**Schedule types:** Lecture

**Department/School:** Psychology



**PSYC 5293 Decision Making and Problem Solving****Prerequisites:** PSYC 1113 or consent of instructor.**Description:** An examination of the research literature on individual decision-making and problem solving with dual emphases on theory and application. A thorough prior understanding of the human cognitive system is desirable, but not required. May not be used for degree credit with PSYC 4223.**Credit hours:** 3**Contact hours:** Lecture: 3 Contact: 3**Levels:** Graduate**Schedule types:** Lecture**Department/School:** Psychology**PSYC 5304 Quantitative Methods in Psychology I****Prerequisites:** PSYC 3214 or equivalent.**Description:** Hypothesis testing, chi-square, student's t, bivariate correlation and linear regression in psychology. Critical thinking regarding the application of statistical methods is stressed. The use of contemporary statistical software for analyses is covered. Course previously offered as PSYC 5303.**Credit hours:** 4**Contact hours:** Lecture: 3 Lab: 2 Contact: 5**Levels:** Graduate**Schedule types:** Lab, Lecture, Combined lecture and lab**Department/School:** Psychology**PSYC 5314 Quantitative Methods in Psychology II****Prerequisites:** PSYC 5304.**Description:** Higher-order analysis of variance designs, correlation and regression techniques, and analysis of covariance, with emphasis on applications to psychological experimentation. Computer applications of all procedures using SPSS and/or SAS during the lab. Course previously offered as PSYC 5313.**Credit hours:** 4**Contact hours:** Lecture: 3 Lab: 2 Contact: 5**Levels:** Graduate**Schedule types:** Lab, Lecture, Combined lecture and lab**Department/School:** Psychology**PSYC 5333 Systems of Psychotherapy****Prerequisites:** PSYC 5113; graduate standing in the clinical program of the Department of Psychology or consent of instructor.**Description:** The major approaches to psychotherapy. Methods for creating multiple impact for behavioral change, including interpersonal, social, community and preventative interventions.**Credit hours:** 3**Contact hours:** Lecture: 3 Contact: 3**Levels:** Graduate**Schedule types:** Lecture**Department/School:** Psychology**PSYC 5380 Research****Prerequisites:** Consent of instructor.**Description:** Research project on some psychological problem. Offered for variable credit, 1-12 credit hours, maximum of 24 credit hours.**Credit hours:** 1-24**Contact hours:** Contact: 1-24 Other: 1-24**Levels:** Graduate**Schedule types:** Independent Study**Department/School:** Psychology**PSYC 5493 History of Psychology****Prerequisites:** PSYC 1113.**Description:** History of psychology as an aspect of European intellectual history. Psychological thought from early philosophical roots to modern conceptions of psychology as a science. Topics include the contribution of under-represented groups to psychology and the role of non-European contributions to psychological thought and the solution to practical problems. May not be used for degree credit with PSYC 4493.**Credit hours:** 3**Contact hours:** Lecture: 3 Contact: 3**Levels:** Graduate**Schedule types:** Lecture**Department/School:** Psychology**PSYC 5533 Personality****Prerequisites:** PSYC 1113 or consent of instructor.**Description:** Basic assumptions, research, and clinical issues relating to the major personality theories. May not be used for degree credit with PSYC 4333.**Credit hours:** 3**Contact hours:** Lecture: 3 Contact: 3**Levels:** Graduate**Schedule types:** Lecture**Department/School:** Psychology**PSYC 5620 Seminar in Psychology****Prerequisites:** Consent of instructor.**Description:** Consideration of special topics that are particularly timely or technical in nature. Offered for variable credit, 1-12 credit hours, maximum of 12 credit hours.**Credit hours:** 1-12**Contact hours:** Contact: 1-12 Other: 1-12**Levels:** Graduate**Schedule types:** Independent Study**Department/School:** Psychology**PSYC 5660 Teaching Practicum****Prerequisites:** Consent of instructor.**Description:** Primarily for graduate students with well-defined new teaching responsibilities. Offered for variable credit, 1-2 credit hours, maximum of 2 credit hours.**Credit hours:** 1-2**Contact hours:** Lecture: 1-2 Contact: 1-2**Levels:** Graduate**Schedule types:** Lecture**Department/School:** Psychology**PSYC 5663 Affective Neuroscience****Prerequisites:** PSYC 1113.**Description:** This course will examine biological mechanisms underlying emotions. Topics include basic theories of emotion, the neural circuits associated with emotion generation, as well as related cognitive processes. May not be used for degree credit with PSYC 4263.**Credit hours:** 3**Contact hours:** Lecture: 3 Contact: 3**Levels:** Graduate**Schedule types:** Lecture**Department/School:** Psychology



**PSYC 5813 Lifespan Cognitive Developmental Psychology****Prerequisites:** Consent of instructor.**Description:** Examines theory and basic research related to the age-related changes in human cognition that occur for a typically developing individual during infancy, childhood, early adulthood, middle age and late adulthood.**Credit hours:** 3**Contact hours:** Lecture: 3 Contact: 3**Levels:** Graduate**Schedule types:** Lecture**Department/School:** Psychology**PSYC 5823 Cognitive Processes****Description:** Theory and experimental research findings dealing with human thought processes from a developmental and functional standpoint.**Credit hours:** 3**Contact hours:** Lecture: 3 Contact: 3**Levels:** Graduate**Schedule types:** Lecture**Department/School:** Psychology**PSYC 5913 Lifespan Social Developmental Psychology****Prerequisites:** Consent of instructor.**Description:** Examines theory and basic research in social, emotional, and personality development in infancy, childhood, adolescence, and adulthood.**Credit hours:** 3**Contact hours:** Lecture: 3 Contact: 3**Levels:** Graduate**Schedule types:** Lecture**Department/School:** Psychology**PSYC 6000 Dissertation****Description:** Research and report thereon by graduate students in partial fulfillment of requirements for the Doctor of Philosophy degree. Offered for variable credit, 1-16 credit hours, maximum of 60 credit hours.**Credit hours:** 1-16**Contact hours:** Contact: 1-16 Other: 1-16**Levels:** Graduate**Schedule types:** Independent Study**Department/School:** Psychology**PSYC 6083 Principles of Evidence-Based Psychological Treatment****Prerequisites:** Graduate standing in the clinical program of the Department of Psychology or consent of instructor.**Description:** Principles and procedures of evidence-based psychological treatments.**Credit hours:** 3**Contact hours:** Lecture: 3 Contact: 3**Levels:** Graduate**Schedule types:** Lecture**Department/School:** Psychology**PSYC 6133 Ethnic and Cultural Diversity in Psychotherapy****Prerequisites:** Six credit hours of psychology and consent of instructor.**Description:** Increasing understanding and appreciation of ethnic and cultural diversity in the psychotherapy context. Critical examination of theory and research related to psychotherapy with multicultural populations.**Credit hours:** 3**Contact hours:** Lecture: 3 Contact: 3**Levels:** Graduate**Schedule types:** Lecture**Department/School:** Psychology**PSYC 6143 The Psychology of Substance Abuse****Prerequisites:** Consent of instructor.**Description:** Introduction to psychological classification of psychoactive substance (alcohol and drug) use disorders. Theory and research on psychological, biological, and environmental factors that are concomitants of substance abuse. Overview of major research techniques and treatment modalities in this area.**Credit hours:** 3**Contact hours:** Lecture: 3 Contact: 3**Levels:** Graduate**Schedule types:** Lecture**Department/School:** Psychology**PSYC 6173 Child Psychopathology and Treatment****Prerequisites:** PSYC 2583, PSYC 3443 or equivalent; graduate standing in the clinical program of the Department of Psychology, the doctorate school psychology program or the psychometry program, or consent of instructor.**Description:** Theoretical positions and issues in child psychopathology. Procedures used in the treatment of psychological disorders of children.**Credit hours:** 3**Contact hours:** Lecture: 3 Contact: 3**Levels:** Graduate**Schedule types:** Lecture**Department/School:** Psychology**PSYC 6223 Research Design****Prerequisites:** PSYC 3914 and doctoral level standing.**Description:** Experimental techniques in psychophysics, sensory processes, attention and perception, motivation and emotion, and learning and memory.**Credit hours:** 3**Contact hours:** Lecture: 3 Contact: 3**Levels:** Graduate**Schedule types:** Lecture**Department/School:** Psychology**PSYC 6233 Clinical Research Design****Prerequisites:** PSYC 5304 and PSYC 5314 or consent of instructor.**Description:** Methodology and research practices in clinical psychology, including experimental design, research practice, data analysis and interpretation, ethics, and dissemination of research findings.**Credit hours:** 3**Contact hours:** Lecture: 3 Contact: 3**Levels:** Graduate**Schedule types:** Lecture**Department/School:** Psychology**PSYC 6253 Seminar in Human Development****Prerequisites:** Consent of instructor.**Description:** Behavioral aspects of development from the prenatal period to senescence. Normal development contrasted to exceptional development.**Credit hours:** 3**Contact hours:** Lecture: 3 Contact: 3**Levels:** Graduate**Schedule types:** Lecture**Department/School:** Psychology

**PSYC 6353 Psychology of Motivation****Prerequisites:** PSYC 3914.**Description:** Outline of theory and research in human and animal motivation.**Credit hours:** 3**Contact hours:** Lecture: 3 Contact: 3**Levels:** Graduate**Schedule types:** Lecture**Department/School:** Psychology**PSYC 6393 Language Development****Description:** Review of data and theories of language development. Laboratory techniques and experimental designs will also be reviewed to emphasize understanding of past and contemporary research in language.**Credit hours:** 3**Contact hours:** Lecture: 3 Contact: 3**Levels:** Graduate**Schedule types:** Lecture**Department/School:** Psychology**PSYC 6443 Behavioral Medicine****Prerequisites:** Graduate standing in the clinical program of the Department of Psychology; consent of instructor.**Description:** An advanced graduate course for students in training for a PhD in clinical psychology. General considerations for psychophysiological disorders, general intervention strategies in behavioral medicine, including biofeedback and specific consideration and intervention strategies for specific disorders.**Credit hours:** 3**Contact hours:** Lecture: 3 Contact: 3**Levels:** Graduate**Schedule types:** Lecture**Department/School:** Psychology**PSYC 6453 Pediatric Psychology****Prerequisites:** Graduate standing in the Department of Psychology; consent of instructor.**Description:** Overview of the field of pediatric psychology, including historical perspectives, theoretical underpinnings, and application to a variety of child health problems. Childhood chronic illness, injury prevention, pain management, and consultation and intervention in medical contexts.**Credit hours:** 3**Contact hours:** Lecture: 3 Contact: 3**Levels:** Graduate**Schedule types:** Lecture**Department/School:** Psychology**PSYC 6483 Neurobiological Psychology****Prerequisites:** PSYC 3073 and PSYC 3914 or consent of instructor.**Description:** Physiological, neuroanatomical, and neurochemical underpinnings of human behavior. Emphasis on effects of central nervous system dysfunctions on behavioral processes ranging from sensation to concept formation.**Credit hours:** 3**Contact hours:** Lecture: 3 Contact: 3**Levels:** Graduate**Schedule types:** Lecture**Department/School:** Psychology**PSYC 6523 Family Treatment Methods****Prerequisites:** Graduate standing in the clinical program of the Department of Psychology or the doctorate counseling psychology program.**Description:** Introduction to techniques and philosophies of family treatment. Includes marital counseling and emphasis on family dynamics.**Credit hours:** 3**Contact hours:** Lecture: 3 Contact: 3**Levels:** Graduate**Schedule types:** Lecture**Department/School:** Psychology**PSYC 6543 Stereotyping, Prejudice, and Discrimination in Social Cognition****Prerequisites:** Consent of Instructor.**Description:** In this course we will investigate the social and cognitive processes and implications of stereotyping, prejudice, and discrimination (SPD). We will consider such questions as: What are the psychological and material costs of SPD - both for targets and those who hold them? Where do our stereotypes and prejudices come from, and what functions might they serve? How do perceptions, attention, and memory shape - and get shaped by - SPD?**Credit hours:** 3**Contact hours:** Lecture: 3 Contact: 3**Levels:** Graduate**Schedule types:** Lecture**Department/School:** Psychology**PSYC 6563 Advanced Social Psychology****Prerequisites:** PSYC 2743.**Description:** History, theory and experimentation of dynamic interaction of group membership and individual behavior.**Credit hours:** 3**Contact hours:** Lecture: 3 Contact: 3**Levels:** Graduate**Schedule types:** Lecture**Department/School:** Psychology**PSYC 6583 Developmental Psychobiology****Prerequisites:** PSYC 3073 or equivalent; consent of instructor.**Description:** An exploration of the biological aspects of human development with particular emphasis on the physiological, ethological, and genetic perspectives.**Credit hours:** 3**Contact hours:** Lecture: 3 Contact: 3**Levels:** Graduate**Schedule types:** Lecture**Department/School:** Psychology**PSYC 6593 Evolutionary Social Science****Prerequisites:** Consent of Instructor.**Description:** Evolutionary social science (ESS) is an interdisciplinary topic. This course will introduce you to ESS, which includes evolutionary psychology, human behavioral ecology, and cultural evolution. The course goal is to introduce you to evolutionary approaches to investigating human social cognition and behavior.**Credit hours:** 3**Contact hours:** Lecture: 3 Contact: 3**Levels:** Graduate**Schedule types:** Lecture**Department/School:** Psychology

**PSYC 6613 Experimental Learning Theories****Prerequisites:** Nine credit hours of psychology.**Description:** Basic concepts and empirical findings in animal and human learning.**Credit hours:** 3**Contact hours:** Lecture: 3 Contact: 3**Levels:** Graduate**Schedule types:** Lecture**Department/School:** Psychology**PSYC 6640 Clinical Practicum****Prerequisites:** Graduate standing in the clinical program of the Department of Psychology.**Description:** Practicum experience for graduate students in the clinical psychology program. Offered for variable credit, 1-12 credit hours, maximum of 17 credit hours.**Credit hours:** 1-12**Contact hours:** Contact: 1-12 Other: 1-12**Levels:** Graduate**Schedule types:** Independent Study**Department/School:** Psychology**PSYC 6643 Psychopharmacology****Prerequisites:** PSYC 3073 or PSYC 5054, consent of instructor.**Description:** A comprehensive course dealing with the various classes of drugs that affect the central nervous system. Primary focus is on clinical research with humans. Covers topics ranging from drug-receptor interactions through substance abuse and behavioral disorders.**Credit hours:** 3**Contact hours:** Lecture: 3 Contact: 3**Levels:** Graduate**Schedule types:** Lecture**Department/School:** Psychology**PSYC 6650 Practicum****Prerequisites:** Graduate standing in the clinical program of the Department of Psychology.**Description:** For the marriage and family practicum only, doctoral level counseling psychology students may also enroll. Practicum experience for graduate students in the clinical program of the Department of Psychology who are doing supervised practicum in specific clinical areas of specialization. Offered for variable credit, 1-16 credit hours, maximum of 16 credit hours.**Credit hours:** 1-16**Contact hours:** Contact: 1-16 Other: 1-16**Levels:** Graduate**Schedule types:** Independent Study**Department/School:** Psychology**PSYC 6723 Child Diagnostic Methods****Prerequisites:** PSYC 5153, graduate standing in the clinical program in psychology or the doctoral school psychology program or consent of instructor.**Description:** Administration and interpretation of diagnostic instruments used specifically with children.**Credit hours:** 3**Contact hours:** Lecture: 3 Contact: 3**Levels:** Graduate**Schedule types:** Lecture**Department/School:** Psychology**PSYC 6753 Assessment of Personality****Prerequisites:** Graduate standing in the clinical program or consent of instructor.**Description:** Personality assessment and training in the practice of clinical assessment. Trait theory and assessment, techniques of test construction, contemporary assessment techniques including the MMPI-2, test result interpretation and communication, and behavioral methods of assessment.**Credit hours:** 3**Contact hours:** Lecture: 3 Contact: 3**Levels:** Graduate**Schedule types:** Lecture**Department/School:** Psychology**PSYC 6813 Multivariate Statistics for Psychology****Prerequisites:** PSYC 5304 and 5314 or permission of instructor.**Description:** A variety of multivariate statistical methods are covered with emphasis on their application to psychological research. Factor analysis, MANOVA, CANONA, Generalized Procrustes Analysis, as well as other topics are covered. Matrix algebra is also reviewed, and the geometric approach to multivariate statistics is introduced.**Credit hours:** 3**Contact hours:** Lecture: 3 Contact: 3**Levels:** Graduate**Schedule types:** Lecture**Department/School:** Psychology**PSYC 6913 Multilevel Modeling in Psychology****Prerequisites:** PSYC 5304 and 5314; or permission of instructor.**Description:** Trains students in the theory and application of multilevel models for nested and repeated measures data in psychology.**Credit hours:** 3**Contact hours:** Lecture: 3 Contact: 3**Levels:** Graduate**Schedule types:** Lecture**Department/School:** Psychology**PSYC 6990 Advanced Internship in Clinical Psychology****Description:** Graduate standing in the clinical psychology program or consent of instructor. Designed to provide advanced clinical training in preparation for receipt of the Ph.D. Offered for variable credit, 1-6 credit hours, maximum of 6 credit hours.**Credit hours:** 1-6**Contact hours:** Lecture: 1-6 Contact: 1-6**Levels:** Graduate**Schedule types:** Lecture**Department/School:** Psychology**SPCH 2713 Introduction to Speech Communication (S)****Description:** The practical and theoretical examination of the process of human communication involving a variety of contexts, including interpersonal relationships, small group discussions, and public speaking performances.**Credit hours:** 3**Contact hours:** Lecture: 3 Contact: 3**Levels:** Undergraduate**Schedule types:** Lecture**Department/School:** Psychology**General Education and other Course Attributes:** Social & Behavioral Sciences

**SPCH 2890 Honors Experience in Speech**

**Prerequisites:** Honors Program participation and concurrent enrollment in a designated SPCH course.

**Description:** A supplemental Honors experience in Speech Communication to partner concurrently with designated SPCH course(s). This course adds a different intellectual dimension to the designated course(s). Offered for fixed credit, 1 credit hour, maximum of 6 credit hours.

**Credit hours:** 1

**Contact hours:** Lecture: 1 Contact: 1

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Psychology

**General Education and other Course Attributes:** Honors Credit

**SPCH 3703 Small Group Communication**

**Description:** General systems approach to small group processes. Special consideration given to group roles, norms, leadership and decision-making. Participation in various types of discussion groups.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Psychology

**SPCH 3723 Business and Professional Communication**

**Description:** Oral communication encounters in business and professional settings. The interview, informative briefing, talking-paper, small group interaction and informative, integrative and persuasive speeches.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Psychology

**SPCH 3733 Elements of Persuasion (S)**

**Description:** An examination of current theory and research relevant to the process of persuasion and social influence in interpersonal, small group, mass media, and public settings. Includes a discussion of the practical implications of effective and ineffective persuasive strategies.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Psychology

**General Education and other Course Attributes:** Social & Behavioral Sciences

**SPCH 3743 Advanced Public Speaking**

**Description:** The preparation and delivery of various types of public speeches.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Psychology

**SPCH 3793 Communication in Interviews**

**Description:** General principles of interviewing. Specific guidelines for the interviewer in survey, journalistic, counseling, selection, appraisal, legal, medical, and sales interviews.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Psychology

**SPCH 3890 Advanced Honors Experience in Speech**

**Prerequisites:** Honors Program participation and concurrent enrollment in a designated SPCH course.

**Description:** A supplemental Honors experience in Speech Communication to partner concurrently with designated upper-division SPCH course(s). This course adds a different intellectual dimension to the designated course(s). Offered for fixed credit, 1 credit hour, maximum of 6 credit hours.

**Credit hours:** 1

**Contact hours:** Lecture: 1 Contact: 1

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Psychology

**General Education and other Course Attributes:** Honors Credit

**SPCH 4010 Independent Study in Speech Communication**

**Prerequisites:** Consent of instructor.

**Description:** Supervised research projects in speech communication. Offered for variable credit, 1-3 credit hours, maximum of 3 credit hours.

**Credit hours:** 1-3

**Contact hours:** Contact: 1-3 Other: 1-3

**Levels:** Undergraduate

**Schedule types:** Independent Study

**Department/School:** Psychology

**SPCH 4710 Topics in Speech Communication**

**Description:** Selected current topics in speech communication. Offered for variable credit, 1-3 credit hours, maximum of 6 credit hours.

**Credit hours:** 1-3

**Contact hours:** Contact: 1-3 Other: 1-3

**Levels:** Undergraduate

**Schedule types:** Independent Study

**Department/School:** Psychology

**SPCH 4743 Problems of Interpersonal Speech Communication**

**Description:** Application of communication theory to interactions in person-to-person settings. Identification and management of barriers related to the concepts of perception, attraction, self-disclosure, listening and conflict.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Psychology

**SPCH 4753 Intercultural Communication (I)**

**Description:** Social and cultural differences between individuals from diverse backgrounds as possible barriers to effective communication.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Psychology

**General Education and other Course Attributes:** International Dimension

**SPCH 4763 Organizational Communication**

**Description:** The interface between communication theory and organizational structure. Nature of communication problems in organizations, strategies for overcoming such problems and the design of effective communication systems in organizational settings.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Psychology

**SPCH 4793 Nonverbal Communication (S)**

**Description:** The study of current theory and research relevant to nonverbal behavior in interpersonal and professional relationships. Includes an examination of various nonverbal codes (e.g., body language, facial expressions) and the functions of nonverbal behavior (e.g., emotional expression, deception).

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Psychology

**General Education and other Course Attributes:** Social & Behavioral Sciences

## Undergraduate Programs

- Psychology, BA (p. 1726)
- Psychology, BS (p. 1730)
- Psychology: Business Essentials, BA (p. 1733)
- Psychology: Pre-Law, BA (p. 1736)
- Psychology: Pre-Med, BS (p. 1740)
- Psychology: Pre-Occupational Therapy, BS (p. 1744)
- Psychology: Pre-Physical Therapy, BS (p. 1747)

## Graduate Programs

Employment in the professional field of psychology requires a graduate degree. Psychologists with advanced degrees have exclusive claim to some professional positions.

The Department of Psychology offers two programs of study leading to the degree of Doctor of Philosophy, one in Clinical Psychology and one in Experimental Psychology. Students applying for the doctoral degree should have the following prerequisites: introductory psychology, quantitative psychology, experimental psychology, history and systems. Abnormal psychology is recommended for students applying to the clinical program.

Students in the doctoral program first work toward a Master of Science degree. In addition to meeting the general requirements of the Graduate College, for completion of the Master of Science, students must also:

1. Complete two semesters of quantitative psychology along with other course credits totaling 30 credit hours.
2. Complete a thesis project, supervised and reviewed by appropriate faculty members.

Following the completion of requirements, the student may be admitted to doctoral status in Clinical Psychology or Experimental Psychology.

## Minors

- Cognitive Science (CSCI), Minor (p. 1722)
- Communication Studies (CMST), Minor (p. 1723)
- Neuroscience (NEUR), Minor (p. 1724)
- Psychology (PSYC), Minor (p. 1725)
- Speech Communication (SPCH), Minor (p. 1750)

## Faculty

Thad Leffingwell, PhD—Professor and Head

**Regents Professors:** Charles I. Abramson, PhD; John M. Chaney, PhD; Amanda S. Morris, Ph.D; Larry L. Mullins, PhD

**Professors:** Matt Alderson, PhD; Jennifer Byrd-Craven, PhD; DeMond Grant, PhD; James W. Grice, PhD; Shelia Kennison, PhD; Stephanie N. Sweatt, PhD; David G. Thomas, PhD; LaRicka Wingate, PhD

**Associate Professors:** Celinda Reese-Melancon, PhD; Maureen Sullivan, PhD; Tony Wells, PhD

**Assistant Professors:** Amanda Baraldi, PhD; Lucia Ciciolla, PhD; Ashley Cole, PhD; Juliana E. French, PhD; Kara Kerr, PhD; Jaimie Krems, PhD; Sarah Kucker, PhD; Kara Moore, PhD; Daniel Sznycer, PhD

**Teaching Assistant Professor:** Evan Jordan, PhD; Jennifer Labrecque, PhD; Garrett Pollert, PhD



## Cognitive Science (CSCI), Minor

**Requirements for Students Matriculating in or before Academic Year 2022-2023.** Learn more about University Academic Regulation 3.1 (p. 943).

Shelia Kennison, 219 Psychology, 405-744-7335

**Total Hours:** 27

Code	Title	Hours
<b>Minor Requirements</b>		
Select 27 hours from at least three disciplinary areas:		27
CS 1013	Computer Science Principles	
CS 1103	Computer Programming (A)	
CS 1113	Computer Science I (A)	
CS 2133	Computer Science II	
CS 2433	C/C++ Programming	
CS 3353	Data Structures and Algorithm Analysis I	
CS 3363	Organization of Programming Languages	
CS 3443	Computer Systems	
CS 3613	Theoretical Foundations of Computing	
CS 4173	Video Game Development	
CS 4183	Video Game Design	
CS 4243	Introduction to Computer Security	
CS 4743	Extended Reality	
CS 4793	Artificial Intelligence I	
CS 4883	Social Issues in Computing	
ENGL 2243	Language, Text and Culture (HI)	
ENGL 2443	Languages of the World (I)	
ENGL 4003	History of the English Language	
ENGL 4013	English Grammar	
ENGL 4033	Discourse Analysis	
ENGL 4043	Teaching English to Speakers of Other Languages	
ENGL 4063	Introduction to Descriptive Linguistics	
ENGL 4080	Studies in Linguistics	
ENGL 4083	Applied Linguistics	
ENGL 4093	Language in America (DS)	
ENGL 4143	Language and Technology	
MSIS 2103	Business Data Science Technologies	
MSIS 3243	Descriptive Analytics	
MSIS 3333	Database Systems Development	
MSIS 4003	Systems Analysis and Design	
MSIS 4113	Enterprise Systems and Collaborative Commerce	
MSIS 4133	Information Technologies for Electronic Commerce	
MSIS 4243	Digital Forensics and Auditing	
MSIS 4253	System Certification and Accreditation	
MSIS 4263	Business Intelligence and Predictive Analytics	
MSIS 4523	Infrastructure Development	
PHIL 3003	Symbolic Logic (A)	
PHIL 3553	Philosophy of Dreams (H)	

PHIL 3783	Artificial Intelligence and Philosophy (H)
PHIL 4003	Mathematical Logic and Computability
PHIL 4313	Philosophy of Mind (H)
PHIL 4543	Philosophy of Language
PHIL 4723	Philosophy of Psychology (H)
PHIL 4733	Philosophy of Biology (H)
PHIL 4983	Knowledge and Reality
PSYC 3033	Psychology of Humor (S)
PSYC 3053	Psychology of Art (S)
PSYC 3073	Neurobiological Psychology (N)
PSYC 3173	Introduction to Cognitive Science (N)
PSYC 3513	Psychology of Learning
PSYC 3713	Psychology of Memory
PSYC 3823	Cognitive Psychology
PSYC 4223	Decision Making and Problem Solving
PSYC 4243	Psychology of Aging
PSYC 4263	Affective Neuroscience
PSYC 4343	Language Development (S)
PSYC 4990	Research Practicum
SPCH 3733	Elements of Persuasion (S)
SPCH 4753	Intercultural Communication (I)
SPCH 4793	Nonverbal Communication (S)
<b>Total Hours</b>	<b>27</b>

### Other Requirements

- No more than four courses with the same prefix.
- No grade below "C."

### Additional OSU Requirements Undergraduate Minors

- An undergraduate minor must include between fifteen and thirty hours, inclusive of undergraduate coursework.
- A minimum of six credit hours for the minor must be earned in residence at OSU.
- The courses required for a minor may be included in the course requirements for any undergraduate degree or they may be in addition to degree requirements, depending on the overlap between the minor and degree requirements. However, an undergraduate minor must be earned in an academic field other than the student's declared degree option. The minor may not duplicate the degree major or option (for example, a student who earns a BA in Art with an Art History option may earn a minor in Studio Art but not Art History).
- A student generally follows the minor requirements associated with his or her matriculation year or newer requirements that have been established since matriculation. The time limit for following requirements from a given academic year is six years.

For additional information on requirements on minors, click here (<https://adminfinance.okstate.edu/site-files/documents/policies/requirements-for-undergraduate-and-graduate-minors.pdf>).



## Communication Studies (CMST), Minor

**Requirements for Students Matriculating in or before Academic Year 2022-2023.** Learn more about University Academic Regulation 3.1 (p. 943).

Anthony Valentine, 213 LSE, 405-744-5658

**Minimum grade and/or GPA:** 2.0 GPA and no grade below "C."

At least one 3000- or 4000-level course must be selected from at least two or three categories (minimum of two 3000- or 4000-level courses overall).

**Total Hours:** 18

Code	Title	Hours
<b>Course Requirements</b>		
<i>English</i>		
Select six hours from the following:		6
ENGL 2233	Writing as a Profession (H)	
ENGL 3223	Professional Writing Theory	
ENGL 3323	Technical Writing	
ENGL 4530	Studies in Professional Writing (Prerequisites: six credit hours of English)	
ENGL 4543	Style and Editing	
ENGL 4553	Visual Rhetoric and Design	
ENGL 4583	Writing for the Public	
<i>Mass and Strategic Communications</i>		
Select six hours from the following:		6
MC 1143	Media in a Diverse Society (DS)	
MC 2023	Electronic Communication (Prerequisite: ENGL 1213 or ENGL 1223 or ENGL 1413 with a grade of "C" or better. Departmental majors only - waived for students enrolled in Minor/Certificate program with a 2.75 GPA and pending available space.)	
SC 2183	Introduction to Strategic Communications (Prerequisite: Departmental majors only. Prerequisite waived for students enrolled in Minor/Certificate program.)	
SPM 2843	Sports and the Media (Prerequisite: Departmental majors only. Prerequisite waived for students enrolled in Minor/ Certificate program.)	
SC 3043	Entertainment in the Media	
MC 3173	History of Mass Communication (H)	
SC 3443	Social Media (Prerequisite: MC 2003 and MC 2023 and SC 2183 with a grade of "C" or better in each; and pass proficiency review. Prerequisite waived for students enrolled in Minor/Certificate program.)	
<i>Speech Communication</i>		
Select six hours from the following:		6
SPCH 2713	Introduction to Speech Communication (S)	
SPCH 3703	Small Group Communication	
SPCH 3723	Business and Professional Communication	
SPCH 3733	Elements of Persuasion (S)	

SPCH 3743	Advanced Public Speaking
SPCH 4753	Intercultural Communication (I)
SPCH 4793	Nonverbal Communication (S)
<b>Total Hours</b>	<b>18</b>

## Additional OSU Requirements Undergraduate Minors

- An undergraduate minor must include between fifteen and thirty hours, inclusive of undergraduate coursework.
- A minimum of six credit hours for the minor must be earned in residence at OSU.
- The courses required for a minor may be included in the course requirements for any undergraduate degree or they may be in addition to degree requirements, depending on the overlap between the minor and degree requirements. However, an undergraduate minor must be earned in an academic field other than the student's declared degree option. The minor may not duplicate the degree major or option (for example, a student who earns a BA in Art with an Art History option may earn a minor in Studio Art but not Art History).
- A student generally follows the minor requirements associated with his or her matriculation year or newer requirements that have been established since matriculation. The time limit for following requirements from a given academic year is six years.

For additional information on requirements on minors, click here (<https://adminfinance.okstate.edu/site-files/documents/policies/requirements-for-undergraduate-and-graduate-minors.pdf>).

## Neuroscience (NEUR), Minor

**Requirements for Students Matriculating in or before Academic Year 2022-2023.** Learn more about University Academic Regulation 3.1 (p. 943).

**Minimum grade and/or GPA:** No grade lower than "C" in minor course.

**Total Hours:** 24

Code	Title	Hours
<b>Course Requirements</b>		
BIOL 1114	Introductory Biology (LN)	4
BIOL 3204	Physiology	4
CHEM 1215	Chemical Principles I (LN) <sup>1</sup>	4
or CHEM 1314	Chemistry I (LN)	
or CHEM 1414	General Chemistry for Engineers (LN)	
PSYC 4073	Principles of Neuroscience	3
or BIOL 4073	Principles of Neuroscience	
HHP 4063	Neuroanatomy	3
<b>Hours Subtotal</b>		<b>18</b>
<b>Elective Requirements</b>		
Select six hours from the following and include at least two course prefixes:		6
BIOL 4215	Mammalian Physiology	
BIOL 4253	Pharmacology	
BIOL 4283	Endocrinology	
BIOL 4293	Behavioral Neuroendocrinology	
CDIS 4423	Neural Bases of Speech and Language	
HHP 4013	Motor Control	
PSYC 3073	Neurobiological Psychology (N)	
PSYC 3113	Comparative Psychology (N)	
PSYC 3173	Introduction to Cognitive Science (N)	
PSYC 3513	Psychology of Learning	
PSYC 3713	Psychology of Memory	
or PSYC 3823	Cognitive Psychology	
PSYC 4263	Affective Neuroscience	
<b>Hours Subtotal</b>		<b>6</b>
<b>Total Hours</b>		<b>24</b>

1

If CHEM 1215 is selected, the total hours required for the minor will be increased by one.

## Additional OSU Requirements

### Undergraduate Minors

- An undergraduate minor must include between fifteen and thirty hours, inclusive of undergraduate coursework.
- A minimum of six credit hours for the minor must be earned in residence at OSU.
- The courses required for a minor may be included in the course requirements for any undergraduate degree or they may be in addition to degree requirements, depending on the overlap between the minor and degree requirements. However, an undergraduate minor must be earned in an academic field other than the student's declared degree option. The minor may not duplicate the degree major or option (for

example, a student who earns a BA in Art with an Art History option may earn a minor in Studio Art but not Art History).

- A student generally follows the minor requirements associated with his or her matriculation year or newer requirements that have been established since matriculation. The time limit for following requirements from a given academic year is six years.

For additional information on requirements on minors, click here (<https://adminfinance.okstate.edu/site-files/documents/policies/requirements-for-undergraduate-and-graduate-minors.pdf>).

## Psychology (PSYC), Minor

**Requirements for Students Matriculating in or before Academic Year 2022-2023.** Learn more about University Academic Regulation 3.1 (p. 943).

Kaylie Bechtel, 405-744-2098

Silvia Daggy, 405-744-5543

**Total Hours:** 24

Code	Title	Hours
<b>Minor Requirements</b>		
PSYC 1113	Introductory Psychology (S)	3
Select 9 hours upper- or lower-division PSYC		9
Select 12 hours upper-division PSYC		12
<b>Total Hours</b>		<b>24</b>

### Other Requirements

- No grade below "C."
- CPSY & EPSY courses not applicable.

### Additional OSU Requirements

#### Undergraduate Minors

- An undergraduate minor must include between fifteen and thirty hours, inclusive of undergraduate coursework.
- A minimum of six credit hours for the minor must be earned in residence at OSU.
- The courses required for a minor may be included in the course requirements for any undergraduate degree or they may be in addition to degree requirements, depending on the overlap between the minor and degree requirements. However, an undergraduate minor must be earned in an academic field other than the student's declared degree option. The minor may not duplicate the degree major or option (for example, a student who earns a BA in Art with an Art History option may earn a minor in Studio Art but not Art History).
- A student generally follows the minor requirements associated with his or her matriculation year or newer requirements that have been established since matriculation. The time limit for following requirements from a given academic year is six years.

For additional information on requirements on minors, click here (<https://adminfinance.okstate.edu/site-files/documents/policies/requirements-for-undergraduate-and-graduate-minors.pdf>).

# Psychology, BA

## Degree Requirements

**Requirements for Students Matriculating in or before Academic Year 2022-2023.** Learn more about University Academic Regulation 3.1 (p. 943).

**Minimum Overall Grade Point Average:** 2.00

**Total Hours:** 120

Code	Title	Hours
<b>General Education Requirements</b>		
<i>English Composition</i>		
See Academic Regulation 3.5 (p. 944)		
ENGL 1113 or ENGL 1313	Composition I Critical Analysis and Writing I	3
Select one of the following:		3
ENGL 1213	Composition II	
ENGL 1413	Critical Analysis and Writing II	
ENGL 3323	Technical Writing	
<i>American History &amp; Government</i>		
HIST 1103 or HIST 1483 or HIST 1493	Survey of American History American History to 1865 (H) American History Since 1865 (DH)	3
POLS 1113	American Government	3
<i>Analytical &amp; Quantitative Thought (A)</i>		
MATH 1483 or STAT 2013	Mathematical Functions and Their Uses (A) (or higher except MATH 1493) Elementary Statistics (A)	3
<i>Humanities (H)</i>		
Courses designated (H)		6
<i>Natural Sciences (N)</i>		
Must include one Laboratory Science (L) course		
Course designated (N)		6
<i>Social &amp; Behavioral Sciences (S)</i>		
PSYC 1113	Introductory Psychology (S)	3
<i>Additional General Education</i>		
Courses designated (A), (H), (N), or (S)		10
<b>Hours Subtotal</b>		<b>40</b>
<b>Diversity (D) &amp; International Dimension (I)</b>		
May be completed in any part of the degree plan		
Select at least one Diversity (D) course		
Select at least one International Dimension (I) course		
<b>College/Departmental Requirements</b>		
<i>First Year Seminar</i>		
(Transfer students with 15 hours exempt)		1
<i>Arts &amp; Humanities</i>		
See note 2.a.		9
<i>Natural &amp; Mathematical Sciences</i>		
See note 2.b.		3
<i>Foreign Language</i>		
See note 3		9
<i>Non-Western Studies</i>		

At least one course

See note 2.d.

*Upper-Division General Education*

Select 6 hours outside major department

See note 2.c.

**Hours Subtotal** **22**

**Major Requirements**

Minimum GPA 2.00 with a minimum grade of "C" in all PSYC courses

No more than 9 hours of PSYC may be 2000 level

Completion of PSYC 1113 with a minimum grade of "C"; and a minimum grade of "C" in MATH 1483 (or higher except MATH 1493) or STAT 2013 or higher required to declare major.

*Core Requirements*

PSYC 1111	Succeeding in Psychology	1
PSYC 3214	Statistical Methods in Psychology	4
PSYC 3914	Experimental Psychology: Introduction to Research Methods in Psychology	4

Select 30 hours, including at least one course from each of the 4 competency areas: **30**

Learning, Cognition, Biological Basis:

PSYC 3073	Neurobiological Psychology (N)	
PSYC 3113	Comparative Psychology (N)	
PSYC 3173	Introduction to Cognitive Science (N)	
PSYC 3513	Psychology of Learning	
PSYC 3713	Psychology of Memory	
PSYC 3823	Cognitive Psychology	
PSYC 4023	Evolutionary Psychology (N)	
PSYC 4073	Principles of Neuroscience	
PSYC 4223	Decision Making and Problem Solving	
PSYC 4263	Affective Neuroscience	
PSYC 4343	Language Development (S)	

Psychometrics, Personality, Social Processes:

PSYC 2743	Social Psychology (S)	
PSYC 3003	Data Analysis with Observation Oriented Modeling	
PSYC 3013	Psychology of Motivation	
PSYC 3033	Psychology of Humor (S)	
PSYC 3053	Psychology of Art (S)	
PSYC 3413	Social Cognition & Behavior; Mating, Morality, & other Mysteries	
PSYC 4153	Psychology and Mass Media	
PSYC 4333	Personality	
PSYC 4813	Psychological Testing	

Developmental and Sociocultural Dimensions:

PSYC 2313	Psychology of Adjustment	
PSYC 2583	Developmental Psychology (S)	
PSYC 2593	Psychology of Human Sexuality	
PSYC 3343	Black Psychology (DS)	
PSYC 4123	Psychology of Women (DS)	
PSYC 4163	Psychology of Prejudice and Discrimination (D)	
PSYC 4243	Psychology of Aging	

## Clinical, Applied Psychology:

PSYC 2443	Clinical Child Psychology
PSYC 3443	Abnormal Psychology (S)
PSYC 3883	Positive Psychology
PSYC 4013	Introduction to Pediatric Psychology
PSYC 4143	Psychology and Law
PSYC 4183	Issues in Clinical Psychology
PSYC 4213	Conflict Resolution (S)
PSYC 4283	Health Psychology
PSYC 4293	Forensic Psychology
PSYC 4483	Psychology of Parent Behavior (S)
PSYC 4633	Psychology of Sport and Human Performance

## Other PSYC Elective Courses:

PSYC 2890	Honors Experience in Psychology
PSYC 3120	Special Topics in Psychology (1-12 hours)
PSYC 3990	Teaching Practicum (1-6 hours)
PSYC 4353	History of the Human Soul
PSYC 4493	History of Psychology
PSYC 4770	Undergraduate Senior Thesis (1-6 hours)
PSYC 4880	Senior Honors Thesis (1-6 hours)
PSYC 4883	Current Issues in Psychology
PSYC 4990	Research Practicum (1-6 hours)

*Emphasis*

Complete one Emphasis outside PSYC (p. 1727)	12
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<b>Hours Subtotal</b>	<b>51</b>
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**Electives**

Select 7 hours	7
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May need to include 6 hours upper-division general education outside major department (see note 2.c.)

<b>Hours Subtotal</b>	<b>7</b>
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<b>Total Hours</b>	<b>120</b>
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## Emphasis

### General Emphasis

Code	Title	Hours
Select 12 hours of upper-division courses of the following:		12
AMST, ANTH, ART <sup>1</sup> , BCOM, CDIS, CPSY, ECON, EEE, ENGL, EPSY, GEOG, GWST, HDFS, HIST, LSB, MGMT, MKTG, MUSI <sup>1</sup> , PHIL, POLS, REL, SOC, SPCH, TH <sup>1</sup> and Foreign Language		

1

Music performance, studio art and applied theatre are not permitted.

### Applied Emphasis

Code	Title	Hours
Select 12 hours of upper-division courses of the following:		12
AMIS 4013	American Indian Sovereignty (D)	
AMST 4553	Gender in America (DH)	
BIOL 3123	Human Heredity (N)	
CPSY 3003	Introduction to Counseling and Related Professions	
EPSY 3113	Psychological Foundations of Childhood	

EPSY 3213	Psychology of Adolescence
EPSY 3413	Child and Adolescent Development
EPSY 3533	Motivating Learners
GWST 3513	Theorizing Sexualities (D)
HDFS 3123	Parenting (S)
HDFS 3203	Children's Play: A World Perspective (I)
HDFS 3413	Infant and Child Development
HDFS 3423	Adolescent Development in Family Contexts (S)
HDFS 3443	Family Dynamics
HDFS 4413	Successful Aging (S)
HDFS 4573	Introduction to Marriage and Family Therapy
HDFS 4793	The Family: A World Perspective (IS)
HDFS 4813	Dying, Death and Bereavement
HHP 3114	Physiology of Exercise
HHP 3223	Motor Learning
HHP 3333	Ethics in Sports Administration and Coaching
HHP 3443	Psychosocial Aspects of Sport and Coaching
HLTH 3113	Health Issues in Diverse Populations (D)
HLTH 3511	Peer Health Education I
HLTH 3613	Community Health
HLTH 3643	Health Behavior Theory
HLTH 3723	Principles of Epidemiology
HLTH 3913	Alcohol and Drug Education
HLTH 4233	Health and Sexuality (DS)
HLTH 4533	Psychosocial Issues in Public Health
MGMT 3943	Sports Management
PHIL 4013	Perspectives on Death and Dying (H)
PHIL 3833	Biomedical Ethics (H)
POLS 3983	Courts and Judicial Process (S)
SCFD 3223	Role of Teacher in American Schools (D)
SCFD 4913	International Issues and the Role of the School (I)
SOC 3523	Juvenile Delinquency (DS)
SOC 3993	Sociology of Aging (DS)
SOC 4023	Juvenile Corrections and Treatment Strategies
SOC 4213	Sociology of Sexualities (S)
SOC 4313	Sociology of Law
SOC 4333	Criminology (S)
SOC 4723	Sociology of Families (S)
SPCH 4793	Nonverbal Communication (S)
SPED 4723	Transition Into Adulthood for Individuals with Disabilities

### Business Emphasis

Code	Title	Hours
Select 12 hours of upper-division courses of the following:		12
BCOM, EEE, LSB, MGMT, MKTG, FIN, STAT		

## Other Requirements

- See the College of Arts and Sciences Requirements.
- **Upper-Division Credit:** Total hours must include at least 40 hours in courses numbered 3000 or above.
- **Hours in One Department:** For B.A. and B.S. degrees, no more than 54 hours in one department may be applied to degree requirements.

## College of Arts and Sciences Requirements

### 1. General Education Requirements

No more than two courses (or eight hours) from the major department (<http://catalog.okstate.edu/college-arts-sciences-major-departments/>) may be used to meet General Education and College and Departmental Requirements. The General Education required English Composition, required U.S. History, required American Government, one required MATH or STAT course, and required foreign language for B.A. degrees do not count against the two-course maximum.

### 2. A&S College/Departmental Requirements

- Arts and Humanities are defined as any course carrying an (H) designation or courses from AMST, ART, DANC, ENGL (except ENGL 3323 Technical Writing) HIST, MUSI, PHIL (except PHIL 1313 Logic and Critical Thinking (A), PHIL 3003 Symbolic Logic (A) and PHIL 4003 Mathematical Logic and Computability), REL, TH, and foreign languages.
- Natural and Mathematical Sciences are defined as any course from the following prefixes: ASTR, BIOC, BIOL, CHEM, CS (except CS 4883 Social Issues in Computing), GEOL, MATH, MICR, PBIO, PHYS, and STAT; or courses from other departments that carry an (A) or (N) general education designation.
- The required six hours of upper-division General Education may not include courses from the student's major department. This requirement may be satisfied by courses also used to satisfy any part of a student's degree program (i.e., in General Education, College Departmental Requirements, Major Requirements or Electives).
- Non-Western Studies Requirement for B.A. and B.F.A.; One 3-hour course in Non-Western Studies (N.W.). This requirement may be satisfied by courses also used to satisfy any part of a student's degree program (i.e., in General Education, College Departmental Requirements, Major Requirements or Electives).
- The College of Arts & Sciences requires a minimum 2.0 GPA in all major requirements and a minimum 2.0 GPA in all major-prefix courses applied to the degree.

### 3. Foreign Language Proficiency

- The foreign language requirement for the B.A. may be satisfied by 9 hours college credit in the same language, which must include 3 hours at the 2000-level, or equivalent proficiency (e.g., passing an advanced standing examination; TOEFL exam; presenting a high school transcript which demonstrates the high school was primarily conducted in a language other than English; etc.). Computer Science courses may not be used to satisfy this requirement. Currently Arabic and Mvskoke are not offered at the 2000-level at OSU.
- The foreign language requirement for the B.S., B.M. and B.F.A. may be satisfied by presenting a high school transcript which demonstrates two years of study of a single foreign language (passing grades at second-year level of study). It may also

be satisfied by 6 hours college credit in the same language, which must include language courses 1713 and 1813, or equivalent proficiency (e.g., passing an advanced standing examination; TOEFL exam; presenting a high school transcript which demonstrates the high school was primarily conducted in a language other than English; etc.). Computer Science courses may not be used to satisfy this requirement.

- In addition to a. and b., students pursuing teacher certification must meet novice-high foreign language proficiency by presenting a high school transcript which demonstrates two years of study of a single foreign language with no grade below B. Or, students may complete 3 hours college credit in a single language with no grade below C (or pass an advanced standing examination, College Level Examination Program (CLEP) exam, or Oral Proficiency Interview developed by the American Council on the Teaching of Foreign Languages, equivalent to 3 hours of college credit.) Or, students may meet the requirement by transfer of documentation of meeting the foreign language competency from one of the teacher education programs in the State of Oklahoma approved by the Oklahoma State Regents for Higher Education.

### 4. Exclusions

- Courses used to satisfy the General Education English Composition, U.S. History, American Government, and Mathematics or Statistics requirements will not count toward the 54-hour maximum allowed from one department.
- Courses with ATHL or LEIS prefixes and leisure activity courses may not be used for degree credit.

## Additional State/OSU Requirements

- At least: 60 hours at a four-year institution; 30 hours completed at OSU; 15 of the final 30 or 50% of the upper-division hours in the major field completed at OSU.
- Limit of: one-half of major course requirements as transfer work; one-fourth of hours earned by correspondence; 8 transfer correspondence hours.
- Students will be held responsible for degree requirements in effect at the time of matriculation and any changes that are made, so long as these changes do not result in semester credit hours being added or do not delay graduation.
- Degrees that follow this plan must be completed by the end of Summer 2028.

## Example Plan of Study

### Finish in Four Plan of Study

The plan below is an **example** of how students can successfully complete degree requirements in four years. This suggested class schedule plan may be used as a guide and can be adjusted based on individual needs. Students are required to meet with an academic adviser prior to enrollment each semester to plan their class schedule, and students are ultimately responsible for completing all degree requirements.

Course	Title	Hours
<b>Freshman</b>		
<b>Fall</b>		
PSYC 1113	Introductory Psychology (S)	3
MATH 1483	Mathematical Functions and Their Uses (A)	3
General Education courses		10
		<b>Hours</b>
		<b>16</b>



<b>Spring</b>		
PSYC 1111	Succeeding in Psychology	1
General Education courses		13
<b>Hours</b>		<b>14</b>
<b>Sophomore</b>		
<b>Fall</b>		
PSYC 3214	Statistical Methods in Psychology	4
1713	First Semester Foreign Language	3
General Education courses		9
<b>Hours</b>		<b>16</b>
<b>Spring</b>		
PSYC 3914	Experimental Psychology: Introduction to Research Methods in Psychology	4
1813	Second Semester Foreign Language	3
Major, College, and Elective courses		7
<b>Hours</b>		<b>14</b>
<b>Junior</b>		
<b>Fall</b>		
2000-level Foreign Language		3
Major, College, and Elective courses		12
<b>Hours</b>		<b>15</b>
<b>Spring</b>		
Major, College, and Elective courses		15
<b>Hours</b>		<b>15</b>
<b>Senior</b>		
<b>Fall</b>		
Major, College, and Elective courses		15
<b>Hours</b>		<b>15</b>
<b>Spring</b>		
Major, College, and Elective courses		15
<b>Hours</b>		<b>15</b>
<b>Total Hours</b>		<b>120</b>

# Psychology, BS

## Degree Requirements

**Requirements for Students Matriculating in or before Academic Year 2022-2023.** Learn more about University Academic Regulation 3.1 (p. 943).

**Minimum Overall Grade Point Average:** 2.00

**Total Hours:** 120

Code	Title	Hours
<b>General Education Requirements</b>		
<i>English Composition</i>		
See Academic Regulation 3.5 (p. 944)		
ENGL 1113	Composition I	3
or ENGL 1313	Critical Analysis and Writing I	
Select one of the following:		3
ENGL 1213	Composition II	
ENGL 1413	Critical Analysis and Writing II	
ENGL 3323	Technical Writing	
<i>American History &amp; Government</i>		
HIST 1103	Survey of American History	3
or HIST 1483	American History to 1865 (H)	
or HIST 1493	American History Since 1865 (DH)	
POLS 1113	American Government	3
<i>Analytical &amp; Quantitative Thought (A)</i>		
MATH 1483	Mathematical Functions and Their Uses (A)	3
	(or higher except MATH 1493)	
or STAT 2013	Elementary Statistics (A)	
<i>Humanities (H)</i>		
Courses designated (H)		6
<i>Natural Sciences (N)</i>		
Must include one Laboratory Science (L) course		
Course designated (N)		6
<i>Social &amp; Behavioral Sciences (S)</i>		
PSYC 1113	Introductory Psychology (S)	3
<i>Additional General Education</i>		
Courses designated (A), (H), (N), or (S)		10
<b>Hours Subtotal</b>		<b>40</b>
<b>Diversity (D) &amp; International Dimension (I)</b>		
May be completed in any part of the degree plan		
Select at least one Diversity (D) course		
Select at least one International Dimension (I) course		
<b>College/Departmental Requirements</b>		
<i>First Year Seminar</i>		
(Transfer students with 15 hours exempt)		1
<i>Arts &amp; Humanities</i>		
See note 2.a.		3
<i>Natural &amp; Mathematical Sciences</i>		
See note 2.b.		9
<i>Foreign Language</i>		
See note 3		
0-6 hours		

### Upper-Division General Education

Select 6 hours outside major department

See note 2.c.

**Hours Subtotal** **13**

### Major Requirements

Minimum GPA 2.00 with a minimum grade of "C" in all PSYC courses

No more than 9 hours of PSYC may be 2000 level

Completion of PSYC 1113 with a minimum grade of "C" and a minimum grade of "C" in MATH 1483 (or higher except MATH 1493) or STAT 2013 or higher required to declare major.

### Core Requirements

PSYC 1111	Succeeding in Psychology	1
PSYC 3214	Statistical Methods in Psychology	4
PSYC 3914	Experimental Psychology: Introduction to Research Methods in Psychology	4

Select 30 hours, including at least one course from each of the 4 competency areas: **30**

### Learning, Cognition, Biological Basis:

PSYC 3073	Neurobiological Psychology (N)	
PSYC 3113	Comparative Psychology (N)	
PSYC 3173	Introduction to Cognitive Science (N)	
PSYC 3513	Psychology of Learning	
PSYC 3713	Psychology of Memory	
PSYC 3823	Cognitive Psychology	
PSYC 4023	Evolutionary Psychology (N)	
PSYC 4073	Principles of Neuroscience	
PSYC 4223	Decision Making and Problem Solving	
PSYC 4263	Affective Neuroscience	
PSYC 4343	Language Development (S)	

### Psychometrics, Personality, Social Processes:

PSYC 2743	Social Psychology (S)	
PSYC 3003	Data Analysis with Observation Oriented Modeling	
PSYC 3013	Psychology of Motivation	
PSYC 3033	Psychology of Humor (S)	
PSYC 3053	Psychology of Art (S)	
PSYC 3413	Social Cognition & Behavior; Mating, Morality, & other Mysteries	
PSYC 4153	Psychology and Mass Media	
PSYC 4333	Personality	
PSYC 4813	Psychological Testing	

### Developmental and Sociocultural Dimensions:

PSYC 2313	Psychology of Adjustment	
PSYC 2583	Developmental Psychology (S)	
PSYC 2593	Psychology of Human Sexuality	
PSYC 3343	Black Psychology (DS)	
PSYC 4123	Psychology of Women (DS)	
PSYC 4163	Psychology of Prejudice and Discrimination (D)	
PSYC 4243	Psychology of Aging	
<b>Clinical, Applied Psychology:</b>		
PSYC 2443	Clinical Child Psychology	

PSYC 3443	Abnormal Psychology (S)
PSYC 3883	Positive Psychology
PSYC 4013	Introduction to Pediatric Psychology
PSYC 4143	Psychology and Law
PSYC 4183	Issues in Clinical Psychology
PSYC 4213	Conflict Resolution (S)
PSYC 4283	Health Psychology
PSYC 4293	Forensic Psychology
PSYC 4483	Psychology of Parent Behavior (S)
PSYC 4633	Psychology of Sport and Human Performance

Other PSYC Elective Courses:

PSYC 2890	Honors Experience in Psychology
PSYC 3120	Special Topics in Psychology (1-12 hours)
PSYC 3990	Teaching Practicum (1-6 hours)
PSYC 4353	History of the Human Soul
PSYC 4493	History of Psychology
PSYC 4770	Undergraduate Senior Thesis (1-6 hours)
PSYC 4880	Senior Honors Thesis (1-6 hours)
PSYC 4883	Current Issues in Psychology
PSYC 4990	Research Practicum (1-6 hours)

Upper Division

Select 12 upper-division hours of the following: <sup>1</sup>	12
ANSI, BIOC, BIOL, CHEM, CS, ECON, EPSY, HDFS, MATH, MICR, NREM, NSCI, PBIO, PHYS, PLP, POLS, SOC, SPCH, STAT, and/ or upper-division General Education (A), (N) OR (S) excluding PSYC	
<b>Hours Subtotal</b>	<b>51</b>
<b>Electives</b>	
Select 16 hours <sup>1</sup>	16
May need to include 6 hours of a foreign language (see note 3)	
May need to include 6 hours upper-division general education outside major department (see note 2.c.)	
<b>Hours Subtotal</b>	<b>16</b>
<b>Total Hours</b>	<b>120</b>

<sup>1</sup>

With approval from the advisor and department head, a maximum of 30 hours from an accredited doctoral law or health program may be used for this degree, including these 12 hours and 15 hours of electives. Up to 3 hours may be substituted from the required PSYC courses other than PSYC 1113 Introductory Psychology (S), PSYC 3214 Statistical Methods in Psychology and PSYC 3914 Experimental Psychology: Introduction to Research Methods in Psychology.

## Other Requirements

- See the College of Arts and Sciences Requirements.
- **Upper-Division Credit:** Total hours must include at least 40 hours in courses numbered 3000 or above.
- **Hours in One Department:** For B.A. and B.S. degrees, no more than 54 hours in one department may be applied to degree requirements.

## College of Arts and Sciences Requirements

### 1. General Education Requirements

No more than two courses (or eight hours) from the major department (<http://catalog.okstate.edu/college-arts-sciences-major-departments/>) may be used to meet General Education and College and Departmental Requirements. The General Education required English Composition, required U.S. History, required American Government, one required MATH or STAT course, and required foreign language for B.A. degrees do not count against the two-course maximum.

### 2. A&S College/Departmental Requirements

- Arts and Humanities are defined as any course carrying an (H) designation or courses from AMST, ART, DANC, ENGL (except ENGL 3323 Technical Writing) HIST, MUSI, PHIL (except PHIL 1313 Logic and Critical Thinking (A), PHIL 3003 Symbolic Logic (A) and PHIL 4003 Mathematical Logic and Computability), REL, TH, and foreign languages.
- Natural and Mathematical Sciences are defined as any course from the following prefixes: ASTR, BIOC, BIOL, CHEM, CS (except CS 4883 Social Issues in Computing), GEOL, MATH, MICR, PBIO, PHYS, and STAT; or courses from other departments that carry an (A) or (N) general education designation.
- The required six hours of upper-division General Education may not include courses from the student's major department. This requirement may be satisfied by courses also used to satisfy any part of a student's degree program (i.e., in General Education, College Departmental Requirements, Major Requirements or Electives).
- Non-Western Studies Requirement for B.A. and B.F.A.; One 3-hour course in Non-Western Studies (N.W.). This requirement may be satisfied by courses also used to satisfy any part of a student's degree program (i.e., in General Education, College Departmental Requirements, Major Requirements or Electives).
- The College of Arts & Sciences requires a minimum 2.0 GPA in all major requirements and a minimum 2.0 GPA in all major-prefix courses applied to the degree.

### 3. Foreign Language Proficiency

- The foreign language requirement for the B.A. may be satisfied by 9 hours college credit in the same language, which must include 3 hours at the 2000-level, or equivalent proficiency (e.g., passing an advanced standing examination; TOEFL exam; presenting a high school transcript which demonstrates the high school was primarily conducted in a language other than English; etc.). Computer Science courses may not be used to satisfy this requirement. Currently Arabic and Mvskoke are not offered at the 2000-level at OSU.
- The foreign language requirement for the B.S., B.M. and B.F.A. may be satisfied by presenting a high school transcript which demonstrates two years of study of a single foreign language (passing grades at second-year level of study). It may also be satisfied by 6 hours college credit in the same language, which must include language courses 1713 and 1813, or equivalent proficiency (e.g., passing an advanced standing examination; TOEFL exam; presenting a high school transcript which demonstrates the high school was primarily conducted in a language other than English; etc.). Computer Science courses may not be used to satisfy this requirement.

- c. In addition to a. and b., students pursuing teacher certification must meet novice-high foreign language proficiency by presenting a high school transcript which demonstrates two years of study of a single foreign language with no grade below B. Or, students may complete 3 hours college credit in a single language with no grade below C (or pass an advanced standing examination, College Level Examination Program (CLEP) exam, or Oral Proficiency Interview developed by the American Council on the Teaching of Foreign Languages, equivalent to 3 hours of college credit.) Or, students may meet the requirement by transfer of documentation of meeting the foreign language competency from one of the teacher education programs in the State of Oklahoma approved by the Oklahoma State Regents for Higher Education.

#### 4. Exclusions

- Courses used to satisfy the General Education English Composition, U.S. History, American Government, and Mathematics or Statistics requirements will not count toward the 54-hour maximum allowed from one department.
- Courses with ATHL or LEIS prefixes and leisure activity courses may not be used for degree credit.

General Education courses	12
<b>Hours</b>	<b>16</b>
<b>Spring</b>	
PSYC 3914 Experimental Psychology: Introduction to Research Methods in Psychology	4
Major, College, and Elective courses	10
<b>Hours</b>	<b>14</b>
<b>Junior</b>	
<b>Fall</b>	
Major, College, and Elective courses	15
<b>Hours</b>	<b>15</b>
<b>Spring</b>	
Major, College, and Elective courses	15
<b>Hours</b>	<b>15</b>
<b>Senior</b>	
<b>Fall</b>	
Major, College, and Elective courses	15
<b>Hours</b>	<b>15</b>
<b>Spring</b>	
Major, College, and Elective courses	15
<b>Hours</b>	<b>15</b>
<b>Total Hours</b>	<b>120</b>

## Additional State/OSU Requirements

- At least: 60 hours at a four-year institution; 30 hours completed at OSU; 15 of the final 30 or 50% of the upper-division hours in the major field completed at OSU.
- Limit of: one-half of major course requirements as transfer work; one-fourth of hours earned by correspondence; 8 transfer correspondence hours.
- Students will be held responsible for degree requirements in effect at the time of matriculation and any changes that are made, so long as these changes do not result in semester credit hours being added or do not delay graduation.
- Degrees that follow this plan must be completed by the end of Summer 2028.

## Example Plan of Study

### Finish in Four Plan of Study

The plan below is an **example** of how students can successfully complete degree requirements in four years. This suggested class schedule plan may be used as a guide and can be adjusted based on individual needs. Students are required to meet with an academic advisor prior to enrollment each semester to plan their class schedule, and students are ultimately responsible for completing all degree requirements.

Course	Title	Hours
<b>Freshman</b>		
<b>Fall</b>		
PSYC 1113	Introductory Psychology (S)	3
MATH 1483	Mathematical Functions and Their Uses (A)	3
General Education courses		10
<b>Hours</b>		<b>16</b>
<b>Spring</b>		
PSYC 1111	Succeeding in Psychology	1
General Education courses		13
<b>Hours</b>		<b>14</b>
<b>Sophomore</b>		
<b>Fall</b>		
PSYC 3214	Statistical Methods in Psychology	4

# Psychology: Business Essentials, BA

## Degree Requirements

**Requirements for Students Matriculating in or before Academic Year 2022-2023.** Learn more about University Academic Regulation 3.1 (p. 943).

**Minimum Overall Grade Point Average:** 2.00

**Total Hours:** 120

Code	Title	Hours
<b>General Education Requirements</b>		
<i>English Composition</i>		
See Academic Regulation 3.5 (p. 944)		
ENGL 1113 or ENGL 1313	Composition I Critical Analysis and Writing I	3
ENGL 1213 or ENGL 1413 or ENGL 3323	Composition II Critical Analysis and Writing II Technical Writing	3
<i>American History &amp; Government</i>		
HIST 1103 or HIST 1483 or HIST 1493	Survey of American History American History to 1865 (H) American History Since 1865 (DH)	3
POLS 1113	American Government	3
<i>Analytical &amp; Quantitative Thought (A)</i>		
MATH 1483 or STAT 2013	Mathematical Functions and Their Uses (A) (or higher except MATH 1493) Elementary Statistics (A)	3
<i>Humanities (H)</i>		
Courses designated (H)		6
<i>Natural Sciences (N)</i>		
Must include one Laboratory Science (L) course		
Course designated (N)		6
<i>Social &amp; Behavioral Sciences (S)</i>		
PSYC 1113	Introductory Psychology (S)	3
MKTG 3213	Marketing (S) <sup>1</sup>	3
MGMT 3013	Fundamentals of Management (S) <sup>1</sup>	3
<i>Additional General Education</i>		
Courses designated (A), (H), (N), or (S)		4
<b>Hours Subtotal</b>		<b>40</b>
<b>Diversity (D) &amp; International Dimension (I)</b>		
May be completed in any part of the degree plan		
Select at least one Diversity (D) course		
Select at least one International Dimension (I) course		
<b>College/Departmental Requirements</b>		
<i>First-Year Seminar</i>		
(Transfer students with 15 hours exempt)		1
<i>Arts &amp; Humanities</i>		
See note 2.a.		9
<i>Natural &amp; Mathematical Sciences</i>		
See note 2.b.		3
<i>Foreign Language</i>		
See note 3.		9

### Non-Western Studies

At least one course. See note 2.d.

### Upper-Division General Education

Select 6 hours outside major department. See note 2.c.

Satisfied by MGMT 3013 and MKTG 3213 <sup>1</sup>

**Hours Subtotal** **22**

### Major Requirements

Minimum GPA 2.00 with a minimum grade of "C" in all PSYC courses.

No more than 9 hours of PSYC may be 2000 level.

Completion of PSYC 1113 with a minimum grade of "C" and a minimum grade of "C" in MATH 1483 (or higher except MATH 1493) or STAT 2013 or higher required to declare major.

### Core Requirements

PSYC 1111	Succeeding in Psychology	1
PSYC 3214	Statistical Methods in Psychology	4
PSYC 3914	Experimental Psychology: Introduction to Research Methods in Psychology	4

Select 30 hours, to include at least one course from each competency area below:

Learning, Cognition, Biological Basis:

PSYC 3073	Neurobiological Psychology (N)	
PSYC 3113	Comparative Psychology (N)	
PSYC 3173	Introduction to Cognitive Science (N)	
PSYC 3513	Psychology of Learning	
PSYC 3713	Psychology of Memory	
PSYC 3823	Cognitive Psychology	
PSYC 4023	Evolutionary Psychology (N)	
PSYC 4073	Principles of Neuroscience	
PSYC 4223	Decision Making and Problem Solving	
PSYC 4263	Affective Neuroscience	
PSYC 4343	Language Development (S)	

Psychometrics, Personality, Social Processes:

PSYC 2743	Social Psychology (S)	
PSYC 3003	Data Analysis with Observation Oriented Modeling	
PSYC 3013	Psychology of Motivation	
PSYC 3033	Psychology of Humor (S)	
PSYC 3053	Psychology of Art (S)	
PSYC 3413	Social Cognition & Behavior; Mating, Morality, & other Mysteries	
PSYC 4153	Psychology and Mass Media	
PSYC 4333	Personality	
PSYC 4813	Psychological Testing	

Developmental and Sociocultural Dimensions:

PSYC 2313	Psychology of Adjustment	
PSYC 2583	Developmental Psychology (S)	
PSYC 2593	Psychology of Human Sexuality	
PSYC 3343	Black Psychology (DS)	
PSYC 4123	Psychology of Women (DS)	
PSYC 4163	Psychology of Prejudice and Discrimination (D)	
PSYC 4243	Psychology of Aging	

## Clinical, Applied Psychology:

PSYC 2443	Clinical Child Psychology
PSYC 3443	Abnormal Psychology (S)
PSYC 3883	Positive Psychology
PSYC 4013	Introduction to Pediatric Psychology
PSYC 4143	Psychology and Law
PSYC 4183	Issues in Clinical Psychology
PSYC 4213	Conflict Resolution (S)
PSYC 4283	Health Psychology
PSYC 4293	Forensic Psychology
PSYC 4483	Psychology of Parent Behavior (S)
PSYC 4633	Psychology of Sport and Human Performance

## Other PSYC Elective Courses:

PSYC 2890	Honors Experience in Psychology
PSYC 3120	Special Topics in Psychology (1-12)
PSYC 3990	Teaching Practicum (1-6)
PSYC 4353	History of the Human Soul
PSYC 4493	History of Psychology
PSYC 4770	Undergraduate Senior Thesis (1-6)
PSYC 4880	Senior Honors Thesis (1-6)
PSYC 4883	Current Issues in Psychology
PSYC 4990	Research Practicum (1-6)

## Business Essentials

ACCT 2003	Survey of Accounting	3
Choose 3 hours from:		3
BADM 3113	Practical Business and Interpersonal Skills	
ECON 2003	Microeconomic Principles for Business	
EEE 2023	Introduction to Entrepreneurship	
FIN 3113	Finance	
LSB 3213	Legal and Regulatory Environment of Business	
Choose 9 hours upper-division from:		9
BADM, BCOM, EEE, LSB, MGMT, MKTG, FIN, STAT		
<b>Hours Subtotal</b>		<b>54</b>
<b>Electives</b>		
Select 4 hours		4
<b>Hours Subtotal</b>		<b>4</b>
<b>Total Hours</b>		<b>120</b>

1

College and Departmental Requirements that may be used to meet General Education Requirements.

## Other Requirements

- See the College of Arts and Sciences Requirements.
- **Upper-Division Credit:** Total hours must include at least 40 hours in courses numbered 3000 or above.
- **Hours in One Department:** For B.A. and B.S. degrees, no more than 54 hours in one department may be applied to degree requirements.

## College of Arts and Sciences Requirements

### 1. General Education Requirements

No more than two courses (or eight hours) from the major department (<http://catalog.okstate.edu/college-arts-sciences-major-departments/>) may be used to meet General Education and College and Departmental Requirements. The General Education required English Composition, required U.S. History, required American Government, one required MATH or STAT course, and required foreign language for B.A. degrees do not count against the two-course maximum.

### 2. A&S College/Departmental Requirements

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- Natural and Mathematical Sciences are defined as any course from the following prefixes: ASTR, BIOC, BIOL, CHEM, CS (except CS 4883 Social Issues in Computing), GEOL, MATH, MICR, PBIO, PHYS, and STAT; or courses from other departments that carry an (A) or (N) general education designation.
- The required six hours of upper-division General Education may not include courses from the student's major department. This requirement may be satisfied by courses also used to satisfy any part of a student's degree program (i.e., in General Education, College Departmental Requirements, Major Requirements or Electives).
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- The College of Arts & Sciences requires a minimum 2.0 GPA in all major requirements and a minimum 2.0 GPA in all major-prefix courses applied to the degree.

### 3. Foreign Language Proficiency

- The foreign language requirement for the B.A. may be satisfied by 9 hours college credit in the same language, which must include 3 hours at the 2000-level, or equivalent proficiency (e.g., passing an advanced standing examination; TOEFL exam; presenting a high school transcript which demonstrates the high school was primarily conducted in a language other than English; etc.). Computer Science courses may not be used to satisfy this requirement. Currently Arabic and Mvskoke are not offered at the 2000-level at OSU.
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- c. In addition to a. and b., students pursuing teacher certification must meet novice-high foreign language proficiency by presenting a high school transcript which demonstrates two years of study of a single foreign language with no grade below B. Or, students may complete 3 hours college credit in a single language with no grade below C (or pass an advanced standing examination, College Level Examination Program (CLEP) exam, or Oral Proficiency Interview developed by the American Council on the Teaching of Foreign Languages, equivalent to 3 hours of college credit.) Or, students may meet the requirement by transfer of documentation of meeting the foreign language competency from one of the teacher education programs in the State of Oklahoma approved by the Oklahoma State Regents for Higher Education.

#### 4. Exclusions

- Courses used to satisfy the General Education English Composition, U.S. History, American Government, and Mathematics or Statistics requirements will not count toward the 54-hour maximum allowed from one department.
- Courses with ATHL or LEIS prefixes and leisure activity courses may not be used for degree credit.

## Additional State/OSU Requirements

- At least: 60 hours at a four-year institution; 30 hours completed at OSU; 15 of the final 30 or 50% of the upper-division hours in the major field completed at OSU.
- Limit of: one-half of major course requirements as transfer work; one-fourth of hours earned by correspondence; 8 transfer correspondence hours.
- Students will be held responsible for degree requirements in effect at the time of matriculation and any changes that are made, so long as these changes do not result in semester credit hours being added or do not delay graduation.
- Degrees that follow this plan must be completed by the end of Summer 2028.

## Example Plan of Study

### Finish in Four Plan of Study

The plan below is an **example** of how students can successfully complete degree requirements in four years. This suggested class schedule plan may be used as a guide and can be adjusted based on individual needs. Students are required to meet with an academic advisor prior to enrollment each semester to plan their class schedule, and students are ultimately responsible for completing all degree requirements.

Course	Title	Hours
<b>Freshman</b>		
<b>Fall</b>		
PSYC 1113	Introductory Psychology (S)	3
MATH 1483	Mathematical Functions and Their Uses (A)	3
General Education courses		10
<b>Hours</b>		<b>16</b>
<b>Spring</b>		
PSYC 1111	Succeeding in Psychology	1
General Education courses		13
<b>Hours</b>		<b>14</b>
<b>Sophomore</b>		
<b>Fall</b>		
PSYC 3214	Statistical Methods in Psychology	4

1713 First Semester Foreign Language	3	
General Education courses		
<b>Hours</b>		
<b>16</b>		
<b>Spring</b>		
PSYC 3914	Experimental Psychology: Introduction to Research Methods in Psychology	4
1813 Second Semester Foreign Language	3	
Major, College, and Elective courses		
<b>Hours</b>		
<b>14</b>		
<b>Junior</b>		
<b>Fall</b>		
2000-level Foreign Language	3	
Major, College, and Elective courses		
<b>Hours</b>		
<b>15</b>		
<b>Spring</b>		
Major, College, and Elective courses		
<b>Hours</b>		
<b>15</b>		
<b>Senior</b>		
<b>Fall</b>		
Major, College, and Elective courses		
<b>Hours</b>		
<b>15</b>		
<b>Spring</b>		
Major, College, and Elective courses		
<b>Hours</b>		
<b>15</b>		
<b>Hours</b>		
<b>15</b>		
<b>Total Hours</b>		
<b>120</b>		

# Psychology: Pre-Law, BA

## Degree Requirements

**Requirements for Students Matriculating in or before Academic Year 2022-2023.** Learn more about University Academic Regulation 3.1 (p. 943).

**Minimum Overall Grade Point Average:** 2.00

**Total Hours:** 120

Code	Title	Hours
<b>General Education Requirements</b>		
<i>English Composition</i>		
See Academic Regulation 3.5 (p. 944)		
ENGL 1113 or ENGL 1313	Composition I Critical Analysis and Writing I	3
Select one of the following:		3
ENGL 1213	Composition II	
ENGL 1413	Critical Analysis and Writing II	
ENGL 3323	Technical Writing	
<i>American History &amp; Government</i>		
HIST 1103 or HIST 1483 or HIST 1493	Survey of American History American History to 1865 (H) American History Since 1865 (DH)	3
POLS 1113	American Government	3
<i>Analytical &amp; Quantitative Thought (A)</i>		
Select one of the following (or higher):		3
MATH 1483	Mathematical Functions and Their Uses (A) (or higher except MATH 1493)	
STAT 2013	Elementary Statistics (A) (or higher)	
<i>Humanities (H)</i>		
Courses designated (H)		6
<i>Natural Sciences (N)</i>		
Must include one Laboratory Science (L) course		
Course designated (N)		6
<i>Social &amp; Behavioral Sciences (S)</i>		
PSYC 1113	Introductory Psychology (S)	3
<i>Additional General Education</i>		
Courses designated (A), (H), (N), or (S)		10
<b>Hours Subtotal</b>		<b>40</b>
<b>Diversity (D) &amp; International Dimension (I)</b>		
May be completed in any part of the degree plan		
Select at least one Diversity (D) course		
Select at least one International Dimension (I) course		
<b>College/Departmental Requirements</b>		
<i>First Year Seminar</i>		
(Transfer students with 15 hours exempt)		1
<i>Arts &amp; Humanities</i>		
See note 2.a.		9
<i>Natural &amp; Mathematical Sciences</i>		
PHIL 1313	Logic and Critical Thinking (A)	3
<i>Foreign Language</i>		
See note 3		9

### Non-Western Studies

At least one course

See note 2.d.

### Upper-Division General Education

Select 6 hours outside major department

See note 2.c.

**Hours Subtotal** **22**

### Major Requirements

Minimum GPA 2.00 with a minimum grade of "C" in all PSYC courses

No more than 9 hours of PSYC may be 2000 level

Completion of PSYC 1113 with a minimum grade of "C"; and a minimum grade of "C" in MATH 1483 (or higher except MATH 1493) or STAT 2013 or higher required to declare major.

### Core Requirements

PSYC 1111	Succeeding in Psychology	1
PSYC 3214	Statistical Methods in Psychology	4
PSYC 3914	Experimental Psychology: Introduction to Research Methods in Psychology	4

Select 30 hours, including at least one course from each of the 4 competency areas: 30

Learning, Cognition, Biological Basis:

PSYC 3073	Neurobiological Psychology (N)	
PSYC 3113	Comparative Psychology (N)	
PSYC 3173	Introduction to Cognitive Science (N)	
PSYC 3513	Psychology of Learning	
PSYC 3713	Psychology of Memory <sup>1</sup>	
PSYC 3823	Cognitive Psychology	
PSYC 4023	Evolutionary Psychology (N)	
PSYC 4073	Principles of Neuroscience	
PSYC 4223	Decision Making and Problem Solving	
PSYC 4263	Affective Neuroscience	
PSYC 4343	Language Development (S)	

Psychometrics, Personality, Social Processes:

PSYC 2743	Social Psychology (S) <sup>1</sup>	
PSYC 3033	Psychology of Humor (S)	
PSYC 3013	Psychology of Motivation	
PSYC 3053	Psychology of Art (S)	
PSYC 3413	Social Cognition & Behavior; Mating, Morality, & other Mysteries <sup>1</sup>	
PSYC 4153	Psychology and Mass Media	
PSYC 4333	Personality <sup>1</sup>	
PSYC 4813	Psychological Testing	

Developmental and Sociocultural Dimensions:

PSYC 2313	Psychology of Adjustment	
PSYC 2583	Developmental Psychology (S)	
PSYC 2593	Psychology of Human Sexuality	
PSYC 3343	Black Psychology (DS)	
PSYC 4123	Psychology of Women (DS)	
PSYC 4163	Psychology of Prejudice and Discrimination (D) <sup>1</sup>	
PSYC 4243	Psychology of Aging	

Clinical, Applied Psychology:

PSYC 2443	Clinical Child Psychology
PSYC 3443	Abnormal Psychology (S) <sup>1</sup>
PSYC 3883	Positive Psychology
PSYC 4013	Introduction to Pediatric Psychology
PSYC 4143	Psychology and Law <sup>1</sup>
PSYC 4183	Issues in Clinical Psychology <sup>1</sup>
PSYC 4213	Conflict Resolution (S) <sup>1</sup>
PSYC 4283	Health Psychology
PSYC 4293	Forensic Psychology <sup>1</sup>
PSYC 4483	Psychology of Parent Behavior (S)
PSYC 4633	Psychology of Sport and Human Performance

#### Other PSYC Elective Courses:

PSYC 2890	Honors Experience in Psychology
PSYC 3120	Special Topics in Psychology (1-12 hours)
PSYC 3990	Teaching Practicum (1-6 hours)
PSYC 4353	History of the Human Soul
PSYC 4493	History of Psychology
PSYC 4770	Undergraduate Senior Thesis (1-6 hours)
PSYC 4880	Senior Honors Thesis (1-6 hours)
PSYC 4883	Current Issues in Psychology
PSYC 4990	Research Practicum (1-6 hours)

#### Legal Emphasis

Select 12 upper-division hours of the following: 12

AMIS 4013	American Indian Sovereignty (D)
AMST 3333	Crime, Law and American Culture (S)
ENGL 3223	Professional Writing Theory
ENGL 3323	Technical Writing
ENGL 4003	History of the English Language
ENGL 4013	English Grammar
GEOG 3133	Political Geography (IS)
LSB 3213	Legal and Regulatory Environment of Business
LSB 4323	Law of Commercial Transactions and Debtor-Creditor Relationships
LSB 4403	Law and Entrepreneurship
LSB 4413	Law of Business Organizations
LSB 4423	Employment Law (D)
LSB 4523	Law of Real Property
LSB 4633	Legal Aspects of International Business Transactions (I)
PHIL 3003	Symbolic Logic (A)
PHIL 3413	Ethical Theory (H)
PHIL 3803	Business Ethics (H)
PHIL 3833	Biomedical Ethics (H)
POLS 3033	International Law
POLS 3453	U.S. Congress
POLS 3533	Lobbying: the Art of Influence and Manipulation
POLS 3523	Money, Media And Politics
POLS 3963	State Courts and the Bar
POLS 3983	Courts and Judicial Process (S)
POLS 3993	Legal Research And Analysis

POLS 4353	Administrative Law
POLS 4363	Environmental Law And Policy
POLS 4593	Natural Resources and Environmental Policy
POLS 4963	U.S. Constitution: Civil Rights and Civil Liberties
POLS 4973	U.S. Constitution: Separation of Powers
SOC 3523	Juvenile Delinquency (DS)
SOC 4023	Juvenile Corrections and Treatment Strategies
SOC 4033	Comparative Perspectives of Criminal Justice Systems (IS)
SOC 4313	Sociology of Law
SOC 4333	Criminology (S)
SOC 4733	Criminal Behavior Analysis
SOC 4743	Criminalistics: Introduction to Forensic Sciences
SOC 4753	Advanced Forensics
SOC 4923	Sociology of Punishment (S)
SPCH 3733	Elements of Persuasion (S)
SPCH 4753	Intercultural Communication (I)
SPCH 4793	Nonverbal Communication (S)

<b>Hours Subtotal</b>	<b>51</b>
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#### Electives

Select 7 hours	7
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May need to include 6 hours upper-division general education outside major department. See note 2.c.

#### Recommended courses:

POLS 2023	The Individual And The Law
SPCH 2713	Introduction to Speech Communication (S)

<b>Hours Subtotal</b>	<b>7</b>
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<b>Total Hours</b>	<b>120</b>
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1

Denotes recommended courses.

## Other Requirements

- See the College of Arts and Sciences Requirements.
- **Upper-Division Credit:** Total hours must include at least 40 hours in courses numbered 3000 or above.
- **Hours in One Department:** For B.A. and B.S. degrees, no more than 54 hours in one department may be applied to degree requirements.

## College of Arts and Sciences Requirements

### 1. General Education Requirements

No more than two courses (or eight hours) from the major department (<http://catalog.okstate.edu/college-arts-sciences-major-departments/>) may be used to meet General Education and College and Departmental Requirements. The General Education required English Composition, required U.S. History, required American Government, one required MATH or STAT course, and required foreign language for B.A. degrees do not count against the two-course maximum.

### 2. A&S College/Departmental Requirements

- a. Arts and Humanities are defined as any course carrying an (H) designation or courses from AMST, ART, DANC, ENGL (except ENGL 3323 Technical Writing) HIST, MUSI, PHIL (except PHIL 1313 Logic and Critical Thinking (A), PHIL 3003 Symbolic Logic (A) and PHIL 4003 Mathematical Logic and Computability), REL, TH, and foreign languages.
  - b. Natural and Mathematical Sciences are defined as any course from the following prefixes: ASTR, BIOC, BIOL, CHEM, CS (except CS 4883 Social Issues in Computing), GEOL, MATH, MICR, PBIO, PHYS, and STAT; or courses from other departments that carry an (A) or (N) general education designation.
  - c. The required six hours of upper-division General Education may not include courses from the student's major department. This requirement may be satisfied by courses also used to satisfy any part of a student's degree program (i.e., in General Education, College Departmental Requirements, Major Requirements or Electives).
  - d. Non-Western Studies Requirement for B.A. and B.F.A.; One 3-hour course in Non-Western Studies (N.W.). This requirement may be satisfied by courses also used to satisfy any part of a student's degree program (i.e., in General Education, College Departmental Requirements, Major Requirements or Electives).
  - e. The College of Arts & Sciences requires a minimum 2.0 GPA in all major requirements and a minimum 2.0 GPA in all major-prefix courses applied to the degree.
- 3. Foreign Language Proficiency**
- a. The foreign language requirement for the B.A. may be satisfied by 9 hours college credit in the same language, which must include 3 hours at the 2000-level, or equivalent proficiency (e.g., passing an advanced standing examination; TOEFL exam; presenting a high school transcript which demonstrates the high school was primarily conducted in a language other than English; etc.). Computer Science courses may not be used to satisfy this requirement. Currently Arabic and Mvskoke are not offered at the 2000-level at OSU.
  - b. The foreign language requirement for the B.S., B.M. and B.F.A. may be satisfied by presenting a high school transcript which demonstrates two years of study of a single foreign language (passing grades at second-year level of study). It may also be satisfied by 6 hours college credit in the same language, which must include language courses 1713 and 1813, or equivalent proficiency (e.g., passing an advanced standing examination; TOEFL exam; presenting a high school transcript which demonstrates the high school was primarily conducted in a language other than English; etc.). Computer Science courses may not be used to satisfy this requirement.
  - c. In addition to a. and b., students pursuing teacher certification must meet novice-high foreign language proficiency by presenting a high school transcript which demonstrates two years of study of a single foreign language with no grade below B. Or, students may complete 3 hours college credit in a single language with no grade below C (or pass an advanced standing examination, College Level Examination Program (CLEP) exam, or Oral Proficiency Interview developed by the American Council on the Teaching of Foreign Languages, equivalent to 3 hours of college credit.) Or, students may meet the requirement by transfer of documentation of meeting the foreign language competency from one of the teacher education programs in the State of Oklahoma approved by the Oklahoma State Regents for Higher Education.

#### 4. Exclusions

- a. Courses used to satisfy the General Education English Composition, U.S. History, American Government, and Mathematics or Statistics requirements will not count toward the 54-hour maximum allowed from one department.
- b. Courses with ATHL or LEIS prefixes and leisure activity courses may not be used for degree credit.

## Additional State/OSU Requirements

- At least: 60 hours at a four-year institution; 30 hours completed at OSU; 15 of the final 30 or 50% of the upper-division hours in the major field completed at OSU.
- Limit of: one-half of major course requirements as transfer work; one-fourth of hours earned by correspondence; 8 transfer correspondence hours.
- Students will be held responsible for degree requirements in effect at the time of matriculation and any changes that are made, so long as these changes do not result in semester credit hours being added or do not delay graduation.
- Degrees that follow this plan must be completed by the end of Summer 2028.

## Example Plan of Study

### Finish in Four Plan of Study

The plan below is an **example** of how students can successfully complete degree requirements in four years. This suggested class schedule plan may be used as a guide and can be adjusted based on individual needs. Students are required to meet with an academic advisor prior to enrollment each semester to plan their class schedule, and students are ultimately responsible for completing all degree requirements.

Course	Title	Hours
<b>Freshman</b>		
<b>Fall</b>		
PSYC 1113	Introductory Psychology (S)	3
MATH 1483	Mathematical Functions and Their Uses (A)	3
General Education courses		10
<b>Hours</b>		<b>16</b>
<b>Spring</b>		
PSYC 1111	Succeeding in Psychology	1
General Education courses		13
<b>Hours</b>		<b>14</b>
<b>Sophomore</b>		
<b>Fall</b>		
PSYC 3214	Statistical Methods in Psychology	4
PHIL 1313	Logic and Critical Thinking (A)	3
1713 First Semester Foreign Language		3
General Education courses		6
<b>Hours</b>		<b>16</b>
<b>Spring</b>		
PSYC 3914	Experimental Psychology: Introduction to Research Methods in Psychology	4
1813 Second Semester Foreign Language		3
Major, College, and Elective courses		7
<b>Hours</b>		<b>14</b>
<b>Junior</b>		
<b>Fall</b>		
2000-level Foreign Language		3
Major, College, and Elective courses		12
<b>Hours</b>		<b>15</b>

<b>Spring</b>	
Major, College, and Elective courses	15
<b>Hours</b>	<b>15</b>
<b>Senior</b>	
<b>Fall</b>	
Major, College, and Elective courses	15
<b>Hours</b>	<b>15</b>
<b>Spring</b>	
Major, College, and Elective courses	15
<b>Hours</b>	<b>15</b>
<b>Total Hours</b>	<b>120</b>

# Psychology: Pre-Med, BS

## Degree Requirements

**Requirements for Students Matriculating in or before Academic Year 2022-2023.** Learn more about University Academic Regulation 3.1 (p. 943).

**Minimum Overall Grade Point Average: 2.00**

**Total Hours: 120**

Code	Title	Hours
<b>General Education Requirements</b>		
<i>English Composition</i>		
See Academic Regulation 3.5 (p. 944)		
ENGL 1113	Composition I	3
or ENGL 1313	Critical Analysis and Writing I	
Select one of the following:		3
ENGL 1213	Composition II	
ENGL 1413	Critical Analysis and Writing II	
ENGL 3323	Technical Writing	
<i>American History &amp; Government</i>		
HIST 1103	Survey of American History	3
or HIST 1483	American History to 1865 (H)	
or HIST 1493	American History Since 1865 (DH)	
POLS 1113	American Government	3
<i>Analytical &amp; Quantitative Thought (A)</i>		
MATH 1483	Mathematical Functions and Their Uses (A) (or higher except MATH 1493)	3
(Minimum grade of "C")		
<i>Humanities (H)</i>		
Courses designated (H)		6
<i>Natural Sciences (N)</i>		
Must include one Laboratory Science (L) course		
Course designated (N) with one (L)		
BIOL 1113	Introductory Biology (N)	4
& BIOL 1111	and Introductory Biology Laboratory (LN)	
or BIOL 1114	Introductory Biology (LN)	
CHEM 1314	Chemistry I (LN)	4
<i>Social &amp; Behavioral Sciences (S)</i>		
PSYC 1113	Introductory Psychology (S)	3
<i>Additional General Education</i>		
Courses designated (A), (H), (N), or (S)		9
<b>Hours Subtotal</b>		<b>41</b>
<b>Diversity (D) &amp; International Dimension (I)</b>		
May be completed in any part of the degree plan		
Select at least one Diversity (D) course		
Select at least one International Dimension (I) course		
<b>College/Departmental Requirements</b>		
<i>First Year Seminar</i>		
(Transfer students with 15 hours exempt)		1
<i>Arts &amp; Humanities</i>		
See note 2.a.		3
<i>Natural &amp; Mathematical Sciences</i>		

CHEM 1515	Chemistry II (LN)	5
BIOL 1604	Animal Biology	4
<i>Foreign Language</i>		
See note 3		
0-6 hours		
<i>Upper-Division General Education</i>		
Select 6 hours outside major department		
See note 2.c.		
<b>Hours Subtotal</b>		<b>13</b>
<b>Major Requirements</b>		
Minimum GPA 2.00 with a minimum grade of "C" in all PSYC courses		
No more than 9 hours of PSYC may be 2000 level		
Completion of PSYC 1113 with a minimum grade of "C"; and a minimum grade of "C" in MATH 1483 (or higher except MATH 1493) required to declare major.		
<i>Core Requirements</i>		
PSYC 1111	Succeeding in Psychology	1
PSYC 3214	Statistical Methods in Psychology	4
PSYC 3914	Experimental Psychology: Introduction to Research Methods in Psychology	4
Select 30 hours, including at least one course from each of the 4 competency areas:		30
Learning, Cognition, Biological Basis:		
PSYC 3073	Neurobiological Psychology (N) <sup>1</sup>	
PSYC 3113	Comparative Psychology (N)	
PSYC 3173	Introduction to Cognitive Science (N)	
PSYC 3513	Psychology of Learning	
PSYC 3713	Psychology of Memory <sup>1</sup>	
PSYC 3823	Cognitive Psychology	
PSYC 4023	Evolutionary Psychology (N)	
PSYC 4073	Principles of Neuroscience	
PSYC 4223	Decision Making and Problem Solving	
PSYC 4263	Affective Neuroscience <sup>1</sup>	
PSYC 4343	Language Development (S)	
Psychometrics, Personality, Social Processes:		
PSYC 2743	Social Psychology (S)	
PSYC 3003	Data Analysis with Observation Oriented Modeling	
PSYC 3013	Psychology of Motivation	
PSYC 3033	Psychology of Humor (S)	
PSYC 3053	Psychology of Art (S)	
PSYC 3413	Social Cognition & Behavior; Mating, Morality, & other Mysteries	
PSYC 4153	Psychology and Mass Media	
PSYC 4333	Personality <sup>1</sup>	
PSYC 4813	Psychological Testing	
Developmental and Sociocultural Dimensions:		
PSYC 2313	Psychology of Adjustment	
PSYC 2583	Developmental Psychology (S) <sup>1</sup>	
PSYC 2593	Psychology of Human Sexuality	
PSYC 3343	Black Psychology (DS)	
PSYC 4123	Psychology of Women (DS)	



PSYC 4163	Psychology of Prejudice and Discrimination (D)	
PSYC 4243	Psychology of Aging	
Clinical, Applied Psychology:		
PSYC 2443	Clinical Child Psychology	
PSYC 3443	Abnormal Psychology (S) <sup>1</sup>	
PSYC 3883	Positive Psychology	
PSYC 4013	Introduction to Pediatric Psychology	
PSYC 4143	Psychology and Law	
PSYC 4183	Issues in Clinical Psychology <sup>1</sup>	
PSYC 4213	Conflict Resolution (S)	
PSYC 4283	Health Psychology <sup>1</sup>	
PSYC 4293	Forensic Psychology	
PSYC 4483	Psychology of Parent Behavior (S)	
PSYC 4633	Psychology of Sport and Human Performance	
Other PSYC Elective Courses:		
PSYC 2890	Honors Experience in Psychology	
PSYC 3120	Special Topics in Psychology (1-12 hours)	
PSYC 3990	Teaching Practicum (1-6 hours)	
PSYC 4353	History of the Human Soul	
PSYC 4493	History of Psychology	
PSYC 4770	Undergraduate Senior Thesis (1-6 hours)	
PSYC 4880	Senior Honors Thesis (1-6 hours)	
PSYC 4883	Current Issues in Psychology	
PSYC 4990	Research Practicum (1-6 hours)	
<i>Other Requirements</i> <sup>2</sup>		
CHEM 3053	Organic Chemistry I	3
CHEM 3153	Organic Chemistry II	3
CHEM 3112	Organic Chemistry Laboratory	2
PHYS 1114	College Physics I (LN)	8
& PHYS 1214	and College Physics II (LN)	
Select 6 hours of the following: <sup>2</sup>		6
Recommended for MCAT prep at least one course from each category		
Category 1:		
MICR 2123	Introduction to Microbiology	
MICR 3033	Cell and Molecular Biology	
BIOL 3023	General Genetics	
Category 2:		
BIOC 3653	Survey of Biochemistry	
MICR 3223	Advanced Microbiology	
BIOL 3104	Invertebrate Zoology	
Category 3:		
BIOL 3204	Physiology	
BIOL 3214	Human Anatomy	
Category 4:		
BIOL 3233	Human Reproduction	
BIOL 4134	Embryology	
BIOL 4283	Endocrinology	
<b>Hours Subtotal</b>		<b>61</b>
<b>Electives</b>		
Select 5 hours <sup>2</sup>		5

May need to include 6 hours of a foreign language. See note 3

May need to include 6 hours upper-division general education outside major department. See note 2.c.

Suggested course: SOC 1113

<b>Hours Subtotal</b>	<b>5</b>
<b>Total Hours</b>	<b>120</b>

1

Denotes recommended courses.

2

With approval from the advisor and department head, a maximum of 30 hours from an accredited health program may be used for this degree, including these additional 22 hours and 5 hours of electives. Up to 3 hours may be substituted from the required PSYC courses other than PSYC 1113 Introductory Psychology (S), PSYC 3214 Statistical Methods in Psychology and PSYC 3914 Experimental Psychology: Introduction to Research Methods in Psychology.

Additional requirements for professional school exist. View Admission Requirement sheet at [prehealth.okstate.edu](http://prehealth.okstate.edu) (<http://prehealth.okstate.edu>).

## Other Requirements

- See the College of Arts and Sciences Requirements.
- **Upper-Division Credit:** Total hours must include at least 40 hours in courses numbered 3000 or above.
- **Hours in One Department:** For B.A. and B.S. degrees, no more than 54 hours in one department may be applied to degree requirements.

## College of Arts and Sciences Requirements

### 1. General Education Requirements

No more than two courses (or eight hours) from the major department (<http://catalog.okstate.edu/college-arts-sciences-major-departments/>) may be used to meet General Education and College and Departmental Requirements. The General Education required English Composition, required U.S. History, required American Government, one required MATH or STAT course, and required foreign language for B.A. degrees do not count against the two-course maximum.

### 2. A&S College/Departmental Requirements

- Arts and Humanities are defined as any course carrying an (H) designation or courses from AMST, ART, DANC, ENGL (except ENGL 3323 Technical Writing) HIST, MUSI, PHIL (except PHIL 1313 Logic and Critical Thinking (A), PHIL 3003 Symbolic Logic (A) and PHIL 4003 Mathematical Logic and Computability), REL, TH, and foreign languages.
- Natural and Mathematical Sciences are defined as any course from the following prefixes: ASTR, BIOC, BIOL, CHEM, CS (except CS 4883 Social Issues in Computing), GEOL, MATH, MICR, PBIO, PHYS, and STAT; or courses from other departments that carry an (A) or (N) general education designation.
- The required six hours of upper-division General Education may not include courses from the student's major department. This requirement may be satisfied by courses also used to satisfy any part of a student's degree program (i.e., in General Education, College Departmental Requirements, Major Requirements or Electives).

- d. Non-Western Studies Requirement for B.A. and B.F.A.; One 3-hour course in Non-Western Studies (N.W.). This requirement may be satisfied by courses also used to satisfy any part of a student's degree program (i.e., in General Education, College Departmental Requirements, Major Requirements or Electives).
- e. The College of Arts & Sciences requires a minimum 2.0 GPA in all major requirements and a minimum 2.0 GPA in all major-prefix courses applied to the degree.

### 3. Foreign Language Proficiency

- a. The foreign language requirement for the B.A. may be satisfied by 9 hours college credit in the same language, which must include 3 hours at the 2000-level, or equivalent proficiency (e.g., passing an advanced standing examination; TOEFL exam; presenting a high school transcript which demonstrates the high school was primarily conducted in a language other than English; etc.). Computer Science courses may not be used to satisfy this requirement. Currently Arabic and Mvskoke are not offered at the 2000-level at OSU.
- b. The foreign language requirement for the B.S., B.M. and B.F.A. may be satisfied by presenting a high school transcript which demonstrates two years of study of a single foreign language (passing grades at second-year level of study). It may also be satisfied by 6 hours college credit in the same language, which must include language courses 1713 and 1813, or equivalent proficiency (e.g., passing an advanced standing examination; TOEFL exam; presenting a high school transcript which demonstrates the high school was primarily conducted in a language other than English; etc.). Computer Science courses may not be used to satisfy this requirement.
- c. In addition to a. and b., students pursuing teacher certification must meet novice-high foreign language proficiency by presenting a high school transcript which demonstrates two years of study of a single foreign language with no grade below B. Or, students may complete 3 hours college credit in a single language with no grade below C (or pass an advanced standing examination, College Level Examination Program (CLEP) exam, or Oral Proficiency Interview developed by the American Council on the Teaching of Foreign Languages, equivalent to 3 hours of college credit.) Or, students may meet the requirement by transfer of documentation of meeting the foreign language competency from one of the teacher education programs in the State of Oklahoma approved by the Oklahoma State Regents for Higher Education.

### 4. Exclusions

- a. Courses used to satisfy the General Education English Composition, U.S. History, American Government, and Mathematics or Statistics requirements will not count toward the 54-hour maximum allowed from one department.
- b. Courses with ATHL or LEIS prefixes and leisure activity courses may not be used for degree credit.

## Additional State/OSU Requirements

- At least: 60 hours at a four-year institution; 30 hours completed at OSU; 15 of the final 30 or 50% of the upper-division hours in the major field completed at OSU.
- Limit of: one-half of major course requirements as transfer work; one-fourth of hours earned by correspondence; 8 transfer correspondence hours.
- Students will be held responsible for degree requirements in effect at the time of matriculation and any changes that are made, so long as

these changes do not result in semester credit hours being added or do not delay graduation.

- Degrees that follow this plan must be completed by the end of Summer 2028.

## Example Plan of Study

### Finish in Four Plan of Study

The plan below is an **example** of how students can successfully complete degree requirements in four years. This suggested class schedule plan may be used as a guide and can be adjusted based on individual needs. Students are required to meet with an academic advisor prior to enrollment each semester to plan their class schedule, and students are ultimately responsible for completing all degree requirements.

Course	Title	Hours
<b>Freshman</b>		
<b>Fall</b>		
MATH 1483	Mathematical Functions and Their Uses (A)	3
BIOL 1113 & BIOL 1111 or BIOL 1114	Introductory Biology (N) or Introductory Biology (LN)	4
PSYC 1113	Introductory Psychology (S)	3
General Education courses		4
<b>Hours</b>		<b>14</b>
<b>Spring</b>		
CHEM 1314	Chemistry I (LN)	4
General Education courses		12
<b>Hours</b>		<b>16</b>
<b>Sophomore</b>		
<b>Fall</b>		
CHEM 1515	Chemistry II (LN)	5
BIOL 1604	Animal Biology	4
PSYC 1111	Succeeding in Psychology	1
PSYC 3214	Statistical Methods in Psychology	4
<b>Hours</b>		<b>14</b>
<b>Spring</b>		
CHEM 3053	Organic Chemistry I	3
3 Hours Pre-Med science		3
PSYC 3914	Experimental Psychology: Introduction to Research Methods in Psychology	4
General Education courses		6
<b>Hours</b>		<b>16</b>
<b>Junior</b>		
<b>Fall</b>		
CHEM 3153	Organic Chemistry II	3
CHEM 3112	Organic Chemistry Laboratory	2
PHYS 1114	College Physics I (LN)	4
Major, College, and Elective courses		6
<b>Hours</b>		<b>15</b>
<b>Spring</b>		
PHYS 1214	College Physics II (LN)	4
3 Hours Pre-Med Science		3
Major, College, and Elective courses		8
<b>Hours</b>		<b>15</b>
<b>Senior</b>		
<b>Fall</b>		
Major, College, and Elective courses		15
<b>Hours</b>		<b>15</b>

**Spring**

Major, College, and Elective courses	15
<b>Hours</b>	<b>15</b>
<b>Total Hours</b>	<b>120</b>

1

Speak with academic advisor about saving General Education electives and Humanities (H) for Upper-division courses with International (I) and Diversity (D) dimensions.

# Psychology: Pre-Occupational Therapy, BS

## Degree Requirements

**Requirements for Students Matriculating in or before Academic Year 2022-2023.** Learn more about University Academic Regulation 3.1 (p. 943).

**Minimum Overall Grade Point Average: 2.00**

**Total Hours: 120**

Code	Title	Hours
<b>General Education Requirements</b>		
<i>English Composition</i>		
See Academic Regulation 3.5 (p. 944)		
ENGL 1113 or ENGL 1313	Composition I Critical Analysis and Writing I	3
ENGL 1213 or ENGL 1413 or ENGL 3323	Composition II Critical Analysis and Writing II Technical Writing	3
<i>American History &amp; Government</i>		
HIST 1103 or HIST 1483 or HIST 1493	Survey of American History American History to 1865 (H) American History Since 1865 (DH)	3
POLS 1113	American Government	3
<i>Analytical &amp; Quantitative Thought (A)</i>		
MATH 1513	College Algebra (A) ( or higher) (Minimum grade of "C")	3
<i>Humanities (H)</i>		
Courses designated (H)		6
<i>Natural Sciences (N)</i>		
Must include one Laboratory Science (L) course		
Course designated (N) with one (L)		
BIOL 1113 & BIOL 1111 or BIOL 1114	Introductory Biology (N) and Introductory Biology Laboratory (LN) Introductory Biology (LN)	4
PHYS 1114	College Physics I (LN)	4
<i>Social &amp; Behavioral Sciences (S)</i>		
PSYC 1113	Introductory Psychology (S)	3
<i>Additional General Education</i>		
Courses designated (A), (H), (N), or (S)		9
<b>Hours Subtotal</b>		<b>41</b>
<b>Diversity (D) &amp; International Dimension (I)</b>		
May be completed in any part of the degree plan		
Select at least one Diversity (D) course		
Select at least one International Dimension (I) course		
<b>College/Departmental Requirements</b>		
<i>First-Year Seminar</i>		
(Transfer students with 15 hours exempt)		1
<i>Arts &amp; Humanities</i>		
See note 2.a.		3
<i>Natural &amp; Mathematical Sciences</i>		
CS 1003	Computer Proficiency	3

6 additional hours. See note 2.b. CHEM, MICR, or BIOL recommended.

6

### Foreign Language

0-6 hours. See note 3.

### Upper-Division General Education

Select 6 hours outside major department. See note 2.c.

**Hours Subtotal** **13**

### Major Requirements

Minimum GPA 2.00 with a minimum grade of "C" in all PSYC courses.

No more than 9 hours of PSYC may be 2000 level.

Completion of PSYC 1113 with a minimum grade of "C" and a minimum grade of "C" in MATH 1513 (or higher) required to declare major.

### Core Requirements

PSYC 1111	Succeeding in Psychology	1
PSYC 2583	Developmental Psychology (S)	3
PSYC 3214	Statistical Methods in Psychology	4
PSYC 3443	Abnormal Psychology (S)	3
PSYC 3914	Experimental Psychology: Introduction to Research Methods in Psychology	4

Select 24 hours, including at least one course from competency areas 1 and 2

### 1) Learning, Cognition, Biological Basis:

PSYC 3073	Neurobiological Psychology (N)	
PSYC 3113	Comparative Psychology (N)	
PSYC 3173	Introduction to Cognitive Science (N)	
PSYC 3513	Psychology of Learning	
PSYC 3713	Psychology of Memory	
PSYC 3823	Cognitive Psychology	
PSYC 4023	Evolutionary Psychology (N)	
PSYC 4073	Principles of Neuroscience	
PSYC 4223	Decision Making and Problem Solving	
PSYC 4263	Affective Neuroscience	
PSYC 4343	Language Development (S)	

### 2) Psychometrics, Personality, Social Processes:

PSYC 2743	Social Psychology (S)	
PSYC 3003	Data Analysis with Observation Oriented Modeling	
PSYC 3013	Psychology of Motivation	
PSYC 3033	Psychology of Humor (S)	
PSYC 3053	Psychology of Art (S)	
PSYC 3413	Social Cognition & Behavior; Mating, Morality, & other Mysteries	
PSYC 4153	Psychology and Mass Media	
PSYC 4333	Personality	
PSYC 4813	Psychological Testing	

### 3) Developmental and Sociocultural Dimensions:

PSYC 2313	Psychology of Adjustment	
PSYC 2593	Psychology of Human Sexuality	
PSYC 3343	Black Psychology (DS)	
PSYC 4123	Psychology of Women (DS)	

PSYC 4163	Psychology of Prejudice and Discrimination (D)	
PSYC 4243	Psychology of Aging	
4) Clinical, Applied Psychology:		
PSYC 2443	Clinical Child Psychology	
PSYC 3883	Positive Psychology	
PSYC 4013	Introduction to Pediatric Psychology	
PSYC 4143	Psychology and Law	
PSYC 4183	Issues in Clinical Psychology	
PSYC 4213	Conflict Resolution (S)	
PSYC 4283	Health Psychology	
PSYC 4293	Forensic Psychology	
PSYC 4483	Psychology of Parent Behavior (S)	
PSYC 4633	Psychology of Sport and Human Performance	
Other PSYC Elective Courses:		
PSYC 2890	Honors Experience in Psychology	
PSYC 3120	Special Topics in Psychology	
PSYC 3990	Teaching Practicum (1-6 hours)	
PSYC 4353	History of the Human Soul	
PSYC 4493	History of Psychology	
PSYC 4770	Undergraduate Senior Thesis (1-6 hours)	
PSYC 4880	Senior Honors Thesis (1-6 hours)	
PSYC 4883	Current Issues in Psychology	
PSYC 4990	Research Practicum (1-6 hours)	
12 hours of Science:		
BIOL 3214	Human Anatomy	4
BIOL 3204	Physiology	4
4 additional upper-division hours from: ANSI, BIOC, BIOL, CHEM, CS, ECON, EPSY, HDFS, MATH, MICR, NREM, NSCI, PBIO, PHYS, PLP, POLS, SOC, SPCH, STAT, and/or upper division General Education (A), (N), OR (S) excluding PSYC		4
<b>Hours Subtotal</b>		<b>51</b>
<b>Electives: 15 Hours</b>		<b>15</b>
May need to include 6 hours of a foreign language. See note 3.		
May need to include 6 hours upper-division general education outside major department. See note 2.c.		
Recommended course: HHP 2802		
<b>Hours Subtotal</b>		<b>15</b>
<b>Total Hours</b>		<b>120</b>

## Other Requirements

- See the College of Arts and Sciences Requirements.
- **Upper-Division Credit:** Total hours must include at least 40 hours in courses numbered 3000 or above.
- **Hours in One Department:** For B.A. and B.S. degrees, no more than 54 hours in one department may be applied to degree requirements.

## College of Arts and Sciences Requirements

### 1. General Education Requirements

No more than two courses (or eight hours) from the major department (<http://catalog.okstate.edu/college-arts-sciences-major->

departments/) may be used to meet General Education and College and Departmental Requirements. The General Education required English Composition, required U.S. History, required American Government, one required MATH or STAT course, and required foreign language for B.A. degrees do not count against the two-course maximum.

### 2. A&S College/Departmental Requirements

- Arts and Humanities are defined as any course carrying an (H) designation or courses from AMST, ART, DANC, ENGL (except ENGL 3323 Technical Writing) HIST, MUSI, PHIL (except PHIL 1313 Logic and Critical Thinking (A), PHIL 3003 Symbolic Logic (A) and PHIL 4003 Mathematical Logic and Computability), REL, TH, and foreign languages.
- Natural and Mathematical Sciences are defined as any course from the following prefixes: ASTR, BIOC, BIOL, CHEM, CS (except CS 4883 Social Issues in Computing), GEOL, MATH, MICR, PBIO, PHYS, and STAT; or courses from other departments that carry an (A) or (N) general education designation.
- The required six hours of upper-division General Education may not include courses from the student's major department. This requirement may be satisfied by courses also used to satisfy any part of a student's degree program (i.e., in General Education, College Departmental Requirements, Major Requirements or Electives).
- Non-Western Studies Requirement for B.A. and B.F.A.; One 3-hour course in Non-Western Studies (N.W.). This requirement may be satisfied by courses also used to satisfy any part of a student's degree program (i.e., in General Education, College Departmental Requirements, Major Requirements or Electives).
- The College of Arts & Sciences requires a minimum 2.0 GPA in all major requirements and a minimum 2.0 GPA in all major-prefix courses applied to the degree.

### 3. Foreign Language Proficiency

- The foreign language requirement for the B.A. may be satisfied by 9 hours college credit in the same language, which must include 3 hours at the 2000-level, or equivalent proficiency (e.g., passing an advanced standing examination; TOEFL exam; presenting a high school transcript which demonstrates the high school was primarily conducted in a language other than English; etc.). Computer Science courses may not be used to satisfy this requirement. Currently Arabic and Mvskoke are not offered at the 2000-level at OSU.
- The foreign language requirement for the B.S., B.M. and B.F.A. may be satisfied by presenting a high school transcript which demonstrates two years of study of a single foreign language (passing grades at second-year level of study). It may also be satisfied by 6 hours college credit in the same language, which must include language courses 1713 and 1813, or equivalent proficiency (e.g., passing an advanced standing examination; TOEFL exam; presenting a high school transcript which demonstrates the high school was primarily conducted in a language other than English; etc.). Computer Science courses may not be used to satisfy this requirement.
- In addition to a. and b., students pursuing teacher certification must meet novice-high foreign language proficiency by presenting a high school transcript which demonstrates two years of study of a single foreign language with no grade below B. Or, students may complete 3 hours college credit in a single language with no grade below C (or pass an advanced standing examination, College Level Examination Program (CLEP) exam,

or Oral Proficiency Interview developed by the American Council on the Teaching of Foreign Languages, equivalent to 3 hours of college credit.) Or, students may meet the requirement by transfer of documentation of meeting the foreign language competency from one of the teacher education programs in the State of Oklahoma approved by the Oklahoma State Regents for Higher Education.

#### 4. Exclusions

- Courses used to satisfy the General Education English Composition, U.S. History, American Government, and Mathematics or Statistics requirements will not count toward the 54-hour maximum allowed from one department.
- Courses with ATHL or LEIS prefixes and leisure activity courses may not be used for degree credit.

## Additional State/OSU Requirements

- At least: 60 hours at a four-year institution; 30 hours completed at OSU; 15 of the final 30 or 50% of the upper-division hours in the major field completed at OSU.
- Limit of: one-half of major course requirements as transfer work; one-fourth of hours earned by correspondence; 8 transfer correspondence hours.
- Students will be held responsible for degree requirements in effect at the time of matriculation and any changes that are made, so long as these changes do not result in semester credit hours being added or do not delay graduation.
- Degrees that follow this plan must be completed by the end of Summer 2028.

## Example Plan of Study

### Finish in Four Plan of Study

The plan below is an **example** of how students can successfully complete degree requirements in four years. This suggested class schedule plan may be used as a guide and can be adjusted based on individual needs. Students are required to meet with an academic advisor prior to enrollment each semester to plan their class schedule, and students are ultimately responsible for completing all degree requirements.

Course	Title	Hours
<b>Freshman</b>		
<b>Fall</b>		
MATH 1483	Mathematical Functions and Their Uses (A)	3
BIOL 1113 & BIOL 1111 or BIOL 1114	Introductory Biology (N) or Introductory Biology (LN)	4
PSYC 1113	Introductory Psychology (S)	3
General Education courses		5
<b>Hours</b>		<b>15</b>
<b>Spring</b>		
CHEM 1314	Chemistry I (LN)	4
PSYC 2583	Developmental Psychology (S)	3
General Education courses		8
<b>Hours</b>		<b>15</b>
<b>Sophomore</b>		
<b>Fall</b>		
PSYC 1111	Succeeding in Psychology	1
PSYC 3214	Statistical Methods in Psychology	4
CS 1003	Computer Proficiency	3
General Education and Elective courses		7
<b>Hours</b>		<b>15</b>

<b>Spring</b>		
PSYC 3914	Experimental Psychology: Introduction to Research Methods in Psychology	4
PHYS 1114	College Physics I (LN)	4
General Education courses		7
<b>Hours</b>		<b>15</b>
<b>Junior</b>		
<b>Fall</b>		
BIOL 3204	Physiology	4
Major, College, and Elective courses		11
<b>Hours</b>		<b>15</b>
<b>Spring</b>		
BIOL 3214	Human Anatomy	4
Major, College, and Elective courses		11
<b>Hours</b>		<b>15</b>
<b>Senior</b>		
<b>Fall</b>		
Major, College, and Elective courses		15
<b>Hours</b>		<b>15</b>
<b>Spring</b>		
Major, College, and Elective courses		15
<b>Hours</b>		<b>15</b>
<b>Total Hours</b>		<b>120</b>



# Psychology: Pre-Physical Therapy, BS

## Degree Requirements

**Requirements for Students Matriculating in or before Academic Year 2022-2023.** Learn more about University Academic Regulation 3.1 (p. 943).

**Minimum Overall Grade Point Average: 2.00**

**Total Hours: 120**

Code	Title	Hours
<b>General Education Requirements</b>		
<i>English Composition</i>		
See Academic Regulation 3.5 (p. 944)		
ENGL 1113 or ENGL 1313	Composition I Critical Analysis and Writing I	3
ENGL 1213 or ENGL 1413 or ENGL 3323	Composition II Critical Analysis and Writing II Technical Writing	3
<i>American History &amp; Government</i>		
HIST 1103 or HIST 1483 or HIST 1493	Survey of American History American History to 1865 (H) American History Since 1865 (DH)	3
POLS 1113	American Government	3
<i>Analytical &amp; Quantitative Thought (A)</i>		
MATH 1513	College Algebra (A) (or higher MATH (A) course)	3
(Minimum grade of "C")		
<i>Humanities (H)</i>		
Courses designated (H)		6
<i>Natural Sciences (N)</i>		
Must include one Laboratory Science (L) course		
BIOL 1113 & BIOL 1111 or BIOL 1114	Introductory Biology (N) and Introductory Biology Laboratory (LN) Introductory Biology (LN)	4
CHEM 1314	Chemistry I (LN)	4
<i>Social &amp; Behavioral Sciences (S)</i>		
PSYC 1113	Introductory Psychology (S)	3
<i>Additional General Education</i>		
Courses designated (A), (H), (N), or (S)		9
<b>Hours Subtotal</b>		<b>41</b>
<b>Diversity (D) &amp; International Dimension (I)</b>		
May be completed in any part of the degree plan		
Select at least one Diversity (D) course		
Select at least one International Dimension (I) course		
<b>College/Departmental Requirements</b>		
<i>First-Year Seminar</i>		
(Transfer students with 15 hours exempt)		1
<i>Arts &amp; Humanities</i>		
See note 2.a.		3
<i>Natural &amp; Mathematical Sciences</i>		
PHYS 1114	College Physics I (LN)	4

PHYS 1214	College Physics II (LN)	4
One additional hour. See note 2.b.		1
<i>Foreign Language</i>		
0-6 hours. See note 3.		
<i>Upper-Division General Education</i>		
Select 6 hours outside major department. See note 2.c.		
<b>Hours Subtotal</b>		<b>13</b>
<b>Major Requirements</b>		
Minimum GPA 2.00 with a minimum grade of "C" in all PSYC courses.		
No more than 9 hours of PSYC may be 2000 level.		
Completion of PSYC 1113 with a minimum grade of "C" and a minimum grade of "C" in MATH 1513 (or higher) required to declare major.		
<i>Core Requirements</i>		
PSYC 1111	Succeeding in Psychology	1
PSYC 2583	Developmental Psychology (S)	3
PSYC 3214	Statistical Methods in Psychology	4
PSYC 3914	Experimental Psychology: Introduction to Research Methods in Psychology	4
Select 27 hours, including at least one course from areas 1, 2, and 4:		27
1) Learning, Cognition, Biological Basis:		
PSYC 3073	Neurobiological Psychology (N)	
PSYC 3113	Comparative Psychology (N)	
PSYC 3173	Introduction to Cognitive Science (N)	
PSYC 3513	Psychology of Learning	
PSYC 3713	Psychology of Memory	
PSYC 3823	Cognitive Psychology	
PSYC 4023	Evolutionary Psychology (N)	
PSYC 4073	Principles of Neuroscience	
PSYC 4223	Decision Making and Problem Solving	
PSYC 4263	Affective Neuroscience	
PSYC 4343	Language Development (S)	
2) Psychometrics, Personality, Social Processes:		
PSYC 2743	Social Psychology (S)	
PSYC 3003	Data Analysis with Observation Oriented Modeling	
PSYC 3013	Psychology of Motivation	
PSYC 3033	Psychology of Humor (S)	
PSYC 3053	Psychology of Art (S)	
PSYC 3413	Social Cognition & Behavior; Mating, Morality, & other Mysteries	
PSYC 4153	Psychology and Mass Media	
PSYC 4333	Personality	
PSYC 4813	Psychological Testing	
3) Developmental and Sociocultural Dimensions:		
PSYC 2313	Psychology of Adjustment	
PSYC 2593	Psychology of Human Sexuality	
PSYC 3343	Black Psychology (DS)	
PSYC 4123	Psychology of Women (DS)	
PSYC 4163	Psychology of Prejudice and Discrimination (D)	

PSYC 4243	Psychology of Aging	
4) Clinical, Applied Psychology:		
PSYC 2443	Clinical Child Psychology	
PSYC 3443	Abnormal Psychology (S)	
PSYC 3883	Positive Psychology	
PSYC 4013	Introduction to Pediatric Psychology	
PSYC 4143	Psychology and Law	
PSYC 4183	Issues in Clinical Psychology	
PSYC 4213	Conflict Resolution (S)	
PSYC 4283	Health Psychology	
PSYC 4293	Forensic Psychology	
PSYC 4483	Psychology of Parent Behavior (S)	
PSYC 4633	Psychology of Sport and Human Performance	
Other PSYC Elective Courses:		
PSYC 2890	Honors Experience in Psychology	
PSYC 3120	Special Topics in Psychology	
PSYC 3990	Teaching Practicum	
PSYC 4353	History of the Human Soul	
PSYC 4493	History of Psychology	
PSYC 4770	Undergraduate Senior Thesis	
PSYC 4880	Senior Honors Thesis	
PSYC 4883	Current Issues in Psychology	
PSYC 4990	Research Practicum	
<i>12 hours of Science:</i>		
BIOL 3214	Human Anatomy	4
BIOL 3204	Physiology	4
4 additional upper-division hours from ANSI, BIOC, BIOL, CHEM, CS, ECON, EPSY, HDFS, MATH, MICR, NREM, NSCI, PBIO, PHYS, PLP, POLS, SOC, SPCH, STAT, and/or upper-division General Education (A), (N) OR (S) excluding PSYC.		4
<b>Hours Subtotal</b>		<b>51</b>
<b>Electives</b>		
Select 15 hours		15
May need to include 6 hours of a foreign language. See note 3.		
May need to include 6 hours upper-division general education outside major department. See note 2.c.		
<b>Hours Subtotal</b>		<b>15</b>
<b>Total Hours</b>		<b>120</b>

## Other Requirements

- See the College of Arts and Sciences Requirements.
- **Upper-Division Credit:** Total hours must include at least 40 hours in courses numbered 3000 or above.
- **Hours in One Department:** For B.A. and B.S. degrees, no more than 54 hours in one department may be applied to degree requirements.

## College of Arts and Sciences Requirements

### 1. General Education Requirements

No more than two courses (or eight hours) from the major department (<http://catalog.okstate.edu/college-arts-sciences-major-departments/>) may be used to meet General Education and College

and Departmental Requirements. The General Education required English Composition, required U.S. History, required American Government, one required MATH or STAT course, and required foreign language for B.A. degrees do not count against the two-course maximum.

### 2. A&S College/Departmental Requirements

- Arts and Humanities are defined as any course carrying an (H) designation or courses from AMST, ART, DANC, ENGL (except ENGL 3323 Technical Writing) HIST, MUSI, PHIL (except PHIL 1313 Logic and Critical Thinking (A), PHIL 3003 Symbolic Logic (A) and PHIL 4003 Mathematical Logic and Computability), REL, TH, and foreign languages.
- Natural and Mathematical Sciences are defined as any course from the following prefixes: ASTR, BIOC, BIOL, CHEM, CS (except CS 4883 Social Issues in Computing), GEOL, MATH, MICR, PBIO, PHYS, and STAT; or courses from other departments that carry an (A) or (N) general education designation.
- The required six hours of upper-division General Education may not include courses from the student's major department. This requirement may be satisfied by courses also used to satisfy any part of a student's degree program (i.e., in General Education, College Departmental Requirements, Major Requirements or Electives).
- Non-Western Studies Requirement for B.A. and B.F.A.; One 3-hour course in Non-Western Studies (N.W.). This requirement may be satisfied by courses also used to satisfy any part of a student's degree program (i.e., in General Education, College Departmental Requirements, Major Requirements or Electives).
- The College of Arts & Sciences requires a minimum 2.0 GPA in all major requirements and a minimum 2.0 GPA in all major-prefix courses applied to the degree.

### 3. Foreign Language Proficiency

- The foreign language requirement for the B.A. may be satisfied by 9 hours college credit in the same language, which must include 3 hours at the 2000-level, or equivalent proficiency (e.g., passing an advanced standing examination; TOEFL exam; presenting a high school transcript which demonstrates the high school was primarily conducted in a language other than English; etc.). Computer Science courses may not be used to satisfy this requirement. Currently Arabic and Mvskoke are not offered at the 2000-level at OSU.
- The foreign language requirement for the B.S., B.M. and B.F.A. may be satisfied by presenting a high school transcript which demonstrates two years of study of a single foreign language (passing grades at second-year level of study). It may also be satisfied by 6 hours college credit in the same language, which must include language courses 1713 and 1813, or equivalent proficiency (e.g., passing an advanced standing examination; TOEFL exam; presenting a high school transcript which demonstrates the high school was primarily conducted in a language other than English; etc.). Computer Science courses may not be used to satisfy this requirement.
- In addition to a. and b., students pursuing teacher certification must meet novice-high foreign language proficiency by presenting a high school transcript which demonstrates two years of study of a single foreign language with no grade below B. Or, students may complete 3 hours college credit in a single language with no grade below C (or pass an advanced standing examination, College Level Examination Program (CLEP) exam, or Oral Proficiency Interview developed by the American Council

on the Teaching of Foreign Languages, equivalent to 3 hours of college credit.) Or, students may meet the requirement by transfer of documentation of meeting the foreign language competency from one of the teacher education programs in the State of Oklahoma approved by the Oklahoma State Regents for Higher Education.

#### 4. Exclusions

- Courses used to satisfy the General Education English Composition, U.S. History, American Government, and Mathematics or Statistics requirements will not count toward the 54-hour maximum allowed from one department.
- Courses with ATHL or LEIS prefixes and leisure activity courses may not be used for degree credit.

## Additional State/OSU Requirements

- At least: 60 hours at a four-year institution; 30 hours completed at OSU; 15 of the final 30 or 50% of the upper-division hours in the major field completed at OSU.
- Limit of: one-half of major course requirements as transfer work; one-fourth of hours earned by correspondence; 8 transfer correspondence hours.
- Students will be held responsible for degree requirements in effect at the time of matriculation and any changes that are made, so long as these changes do not result in semester credit hours being added or do not delay graduation.
- Degrees that follow this plan must be completed by the end of Summer 2028.

## Example Plan of Study

### Finish in Four Plan of Study

The plan below is an **example** of how students can successfully complete degree requirements in four years. This suggested class schedule plan may be used as a guide and can be adjusted based on individual needs. Students are required to meet with an academic advisor prior to enrollment each semester to plan their class schedule, and students are ultimately responsible for completing all degree requirements.

Course	Title	Hours
<b>Freshman</b>		
<b>Fall</b>		
MATH 1483	Mathematical Functions and Their Uses (A)	3
BIOL 1113 & BIOL 1111 or BIOL 1114	Introductory Biology (N) or Introductory Biology (LN)	4
PSYC 1113	Introductory Psychology (S)	3
General Education courses		5
<b>Hours</b>		<b>15</b>
<b>Spring</b>		
CHEM 1314	Chemistry I (LN)	4
PSYC 2583	Developmental Psychology (S)	3
General Education courses		8
<b>Hours</b>		<b>15</b>
<b>Sophomore</b>		
<b>Fall</b>		
PSYC 1111	Succeeding in Psychology	1
PSYC 3214	Statistical Methods in Psychology	4
PHYS 1114	College Physics I (LN)	4
CS 1003	Computer Proficiency	3
General Education and Elective courses		3
<b>Hours</b>		<b>15</b>

<b>Spring</b>		
PSYC 3914	Experimental Psychology: Introduction to Research Methods in Psychology	4
PHYS 1214	College Physics II (LN)	4
General Education courses		7
<b>Hours</b>		<b>15</b>
<b>Junior</b>		
<b>Fall</b>		
BIOL 3204	Physiology	4
Major, College, and Elective courses		11
<b>Hours</b>		<b>15</b>
<b>Spring</b>		
BIOL 3214	Human Anatomy	4
Major, College, and Elective courses		11
<b>Hours</b>		<b>15</b>
<b>Senior</b>		
<b>Fall</b>		
Major, College, and Elective courses		15
<b>Hours</b>		<b>15</b>
<b>Spring</b>		
Major, College, and Elective courses		15
<b>Hours</b>		<b>15</b>
<b>Total Hours</b>		<b>120</b>

## Speech Communication (SPCH), Minor

**Requirements for Students Matriculating in or before Academic Year 2022-2023.** Learn more about University Academic Regulation 3.1 (p. 943).

**Minimum GPA:** 2.00

**Total Hours:** 15

Code	Title	Hours
<b>Required Courses</b>		
SPCH 2713	Introduction to Speech Communication (S)	3
SPCH 3733	Elements of Persuasion (S)	3
SPCH 4793	Nonverbal Communication (S)	3
Select 6 hours of from the following:		6
SPCH 3703	Small Group Communication	
SPCH 3723	Business and Professional Communication	
SPCH 3743	Advanced Public Speaking	
SPCH 4743	Problems of Interpersonal Speech Communication	
SPCH 4753	Intercultural Communication (I)	
PSYC 3033	Psychology of Humor (S)	
PSYC 4163	Psychology of Prejudice and Discrimination (D)	
PSYC 4213	Conflict Resolution (S)	
PSYC 4343	Language Development (S)	
<b>Total Hours</b>		<b>15</b>

## Additional OSU Requirements

### Undergraduate Minors

- An undergraduate minor must include between fifteen and thirty hours, inclusive of undergraduate coursework.
- A minimum of six credit hours for the minor must be earned in residence at OSU.
- The courses required for a minor may be included in the course requirements for any undergraduate degree or they may be in addition to degree requirements, depending on the overlap between the minor and degree requirements. However, an undergraduate minor must be earned in an academic field other than the student's declared degree option. The minor may not duplicate the degree major or option (for example, a student who earns a BA in Art with an Art History option may earn a minor in Studio Art but not Art History).
- A student generally follows the minor requirements associated with his or her matriculation year or newer requirements that have been established since matriculation. The time limit for following requirements from a given academic year is six years.

For additional information on requirements on minors, click here (<https://adminfinance.okstate.edu/site-files/documents/policies/requirements-for-undergraduate-and-graduate-minors.pdf>).

## Religious Studies

Courses in religious studies are a vital part of a liberal arts education. The field involves the objective study of religious belief, literature and practice around the world. Opportunity is given for serious and objective study of these aspects in relation to major religions of past and present cultures. Special attention is given to the historical bases of world religions as well as to their effect upon present-day societies, in both the East and West. Courses are offered in several world religions, biblical studies, religious thought, and religion and culture.

Courses are open to all students without regard to personal views or affiliations. No attempt is made to promote a particular view. Emphasis is placed on the academic study of religion rather than the practice of a particular form of religion. Many of the undergraduate courses enable students to satisfy humanities requirements and also provide an excellent background for many types of graduate and professional programs.

### Courses

#### REL 1103 Introduction to World Religions (HI)

**Description:** Major world religions such as Hinduism, Buddhism, Judaism, Christianity and Islam with a view to understanding the general nature of religion and its various dimensions.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Dean of Arts & Science

**General Education and other Course Attributes:** Humanities, International Dimension

#### REL 2013 The Old Testament and its Study (H)

**Description:** A study of the Old Testament with emphasis upon content, historical background, the history of its study and the critical analysis and interpretation of selected passages. Previously offered as REL 3013.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Dean of Arts & Science

**General Education and other Course Attributes:** Humanities

#### REL 2023 The New Testament and Its Study (H)

**Description:** A study of the writings of the New Testament in their historical contexts and the methods used in their study. Emphasis interpreting selected New Testament passages. Previously offered as REL 3023.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Dean of Arts & Science

**General Education and other Course Attributes:** Humanities

#### REL 2113 Religion in Film (H)

**Description:** This course will examine how religious beliefs, practices, experiences and communities have been portrayed in film. Students will explore how film has used allegory, symbolism and other tropes to represent different religious traditions and their systems of beliefs.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Philosophy

**General Education and other Course Attributes:** Humanities

#### REL 2413 Religion and the Body: Sports, Medicine and Sexuality (H)

**Description:** This course will explore the role of religious beliefs and practices as they relate to sports, medicine and sexuality. Topics will include the cultural influence of religion on sports, religiously-informed debates within the field of medicine, and conceptions of sexuality and gender from the perspective of various Eastern and Western religious traditions. More generally, this course will explore how different world religions view the human body.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Dean of Arts & Science

**General Education and other Course Attributes:** Humanities

#### REL 3113 Asian Religions (HI)

**Description:** This course will examine the diverse histories, beliefs, and practices of major Asian religious traditions: Hinduism, Buddhism, Confucianism, Daoism, Shintoism, Shamanism, and modern-day religions.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Philosophy

**General Education and other Course Attributes:** Humanities, International Dimension

#### REL 3213 Judaism: History, Culture and Beliefs (H)

**Description:** This course will explore the development of Judaism beginning with its roots in Ancient Israelite religion, the early biblical tradition, and moving through Assyrian and Babylonian conquests, Diaspora, Hellenistic occupation, Roman occupation, Byzantium, the Middle Ages, the Holocaust, the establishment of the state of Israel, up to present day.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Philosophy

**General Education and other Course Attributes:** Humanities

#### REL 3223 Jesus: Teachings, History and Interpretation (H)

**Prerequisites:** REL 2023.

**Description:** This course will examine the teaching of Jesus, the historical context of the first century, and how Jesus' life and teachings have been interpreted through history.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Philosophy

**General Education and other Course Attributes:** Humanities

**REL 3243 Paul and the Early Church (H)****Prerequisites:** REL 2023.**Description:** The letters of Paul in their historical context with special emphasis on his theology and ethics.**Credit hours:** 3**Contact hours:** Lecture: 3 Contact: 3**Levels:** Undergraduate**Schedule types:** Lecture**Department/School:** Dean of Arts & Science**General Education and other Course Attributes:** Humanities**REL 3313 Islam: History, Culture and Beliefs (HI)****Description:** This course will examine the history, culture and beliefs of Islam, from its seventh century origins to modern times.**Credit hours:** 3**Contact hours:** Lecture: 3 Contact: 3**Levels:** Undergraduate**Schedule types:** Lecture**Department/School:** Philosophy**General Education and other Course Attributes:** Humanities, International Dimension**REL 3423 Classic Christian Writings (H)****Description:** A study of the primary source material from representative Christian authors scattered throughout two thousand years of church history, focusing on understanding the backgrounds from which the writings emerged, and grasping the writers' key ideas. Course previously offered as REL 4413.**Credit hours:** 3**Contact hours:** Lecture: 3 Contact: 3**Levels:** Undergraduate**Schedule types:** Lecture**Department/School:** Philosophy**General Education and other Course Attributes:** Humanities**REL 3513 Religious Experience (H)****Description:** This course will explore the nature of religious experience and what role it plays within different traditions. Modes of religious experience to be explored range from meditation and prayer to conversion experiences and mystical states of consciousness.**Credit hours:** 3**Contact hours:** Lecture: 3 Contact: 3**Levels:** Undergraduate**Schedule types:** Lecture**Department/School:** Philosophy**General Education and other Course Attributes:** Humanities**REL 3543 Religion, Race and Social Justice (DH)****Description:** This course examines the role of religion in the history and understanding of race, as well as how religion has been leveraged in relation to challenges of social justice.**Credit hours:** 3**Contact hours:** Lecture: 3 Contact: 3**Levels:** Undergraduate**Schedule types:** Lecture**Department/School:** Dean of Arts & Science**General Education and other Course Attributes:** Diversity, Humanities**REL 3573 The Religions of Native Americans (DH)****Prerequisites:** REL 1103.**Description:** Selected tribal worldviews, belief systems and religious ceremonies as depicted in oral traditions, songs, and literature. Emphasis on Northern and Southern Plains Indians.**Credit hours:** 3**Contact hours:** Lecture: 3 Contact: 3**Levels:** Undergraduate**Schedule types:** Lecture**Department/School:** Philosophy**General Education and other Course Attributes:** Diversity, Humanities**REL 3623 Magic, Witchcraft, and the Occult (H)****Description:** This course will examine the historical and cultural contexts that have shaped various portrayals of magic and witchcraft. We will consider how the supernatural worldviews underlying these portrayals related to both more traditional religious worldviews as well as the ways in which representations of the supernatural serve as vehicles for a culture's hopes and fears.**Credit hours:** 3**Contact hours:** Lecture: 3 Contact: 3**Levels:** Undergraduate**Schedule types:** Lecture**Department/School:** Dean of Arts & Science**General Education and other Course Attributes:** Humanities**REL 3713 Religion, Culture and Society****Prerequisites:** REL 1103, ANTH 2353, SOC 1113.**Description:** An introduction to the scientific study of religion. Religious activity in both tribal and technological societies studied in the light of contemporary interpretations of culture and of social behavior. Same course as SOC 3713.**Credit hours:** 3**Contact hours:** Lecture: 3 Contact: 3**Levels:** Undergraduate**Schedule types:** Lecture**Department/School:** Philosophy**REL 4033 American Christianity through the Colonial Period (H)****Description:** A study of the planting, development and spread of Christianity in America, beginning with the European roots and continuing through the colonial period up to c.1800.**Credit hours:** 3**Contact hours:** Lecture: 3 Contact: 3**Levels:** Undergraduate**Schedule types:** Lecture**Department/School:** Dean of Arts & Science**General Education and other Course Attributes:** Humanities**REL 4050 Studies in Religion****Description:** Independent studies, seminars and courses on selected topics in religion. Offered for variable credit, 1-6 credit hours, maximum of 9 credit hours.**Credit hours:** 1-6**Contact hours:** Contact: 1-6 Other: 1-6**Levels:** Undergraduate**Schedule types:** Independent Study**Department/School:** Dean of Arts & Science



**REL 4113 The World of Islam: Cultural Perspectives (HI)**

**Description:** The cultural heritage of the world of Islam explored through its expression in the art, architecture, and literature of the Muslim peoples.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Dean of Arts & Science

**General Education and other Course Attributes:** Humanities, International Dimension

**REL 4213 Understanding Global Islam (HI)**

**Description:** A study of the history of Islam starting from Prophet Muhammad to the spread of the Islamic Empire. How Islam moved from Arabia to the world. Introduction to the Islamic divisions, where they are now, why they are similar and different in terms of laws, schools, countries, literature, sciences, Arabic script, the Shia, the Sunna, and different Islamic countries' practices. Also, debatable issues on Muslim women in American and other countries and why those are different from others.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Dean of Arts & Science

**General Education and other Course Attributes:** Humanities, International Dimension

**REL 4223 Religion and Conflict in the Middle East (HI)**

**Description:** This course will explore the religions of the Middle East, focusing on how they have shaped the region's recent history.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Dean of Arts & Science

**General Education and other Course Attributes:** Humanities, International Dimension

**REL 4330 Seminar in Biblical Studies**

**Prerequisites:** Two courses in Biblical studies.

**Description:** Selected topics in the academic study of the Bible. Offered for fixed credit, 3 credit hours, maximum of 9 credit hours.

**Credit hours:** 3

**Contact hours:** Contact: 3 Other: 3

**Levels:** Undergraduate

**Schedule types:** Independent Study

**Department/School:** Philosophy

**REL 4423 Death and the Afterlife (H)**

**Description:** This course will explore and critically analyze the varying perspectives on death and the afterlife as seen across world religions.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Philosophy

**General Education and other Course Attributes:** Humanities

**REL 4613 Women in the Bible (H)**

**Description:** This course will examine the stories about and portrayals of women in the Bible. We will explore what the biblical authors have to say about women within their cultural contexts and how these portrayals have shaped how women are seen in Western society. By analyzing the portrayals of women in antiquity, the course will also provide conceptual tools to help students examine how gender has been understood in Western society. Same course as GWST 4613.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Dean of Arts & Science

**General Education and other Course Attributes:** Humanities

**REL 4753 Muslim-Christian Relations (H)**

**Description:** Exploration of commonalities and differences between Christianity and Islam, and the history of cooperation and conflict between Muslims and Christians, from Arabia in Muhammad's time to worldwide in the twenty-first century. Themes include mutual understanding and misunderstanding, conversion, rulers and subjects, discrimination, and dialogue. Same course as HIST 4753.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** History

**General Education and other Course Attributes:** Humanities

**REL 4923 Visions of Apocalypse: Portrayals of the End-Time in World Religions (H)**

**Description:** This course will examine the various portrayals of the Apocalypse from many religious and folklore traditions around the world. This course will also explore various contemporary portrayals of the Apocalypse ranging from malevolent emergent artificial intelligence to the zombie virus.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Dean of Arts & Science

**General Education and other Course Attributes:** Humanities

## Minors

- Religious Studies (REL), Minor (p. 1754)

## Faculty

Lawrence Pasternack, Ph.D.—Director of Program and Professor

**Teaching Assistant Professors:** Jin Young Kim, Ph.D.; Matthew Pereira, Ph.D.; Justin Rice, M.A.

**Visiting Assistant Professor:** Glen Fairen, Ph.D.

**Lecturers:** Jessica Doyle, M.A.; Adam Soltani, M.A.

## Religious Studies (REL), Minor

**Requirements for Students Matriculating in or before Academic Year 2022-2023.** Learn more about University Academic Regulation 3.1 (p. 943).

Sarah Mutschelknaus, 101B MUR, 405-744-8197

**Minimum Grade Point Average in Minor Coursework:** 2.50

**Total Hours:** 18

Awarding of the Religious Studies minor is subject to course availability.

Code	Title	Hours
<b>Minor Requirements</b>		
Select 6 hours from the following:		6
REL 1103	Introduction to World Religions (HI)	
REL 2013	The Old Testament and its Study (H)	
REL 2023	The New Testament and Its Study (H)	
REL 2113	Religion in Film (H)	
REL 2413	Religion and the Body: Sports, Medicine and Sexuality (H)	
HIST 2343	Religion in America (DH)	
Select 3 hours upper-division non-Western religion from the following:		3
HIST 3503	Medieval Islamic History (H)	
PHIL 3943	Asian Philosophy (HI)	
PHIL 4943	Indian Philosophy	
PHIL 4953	East Asian Philosophy	
REL 3113	Asian Religions (HI)	
REL 3313	Islam: History, Culture and Beliefs (HI)	
REL 3573	The Religions of Native Americans (DH)	
REL 4113	The World of Islam: Cultural Perspectives (HI)	
REL 4213	Understanding Global Islam (HI)	
REL 4223	Religion and Conflict in the Middle East (HI)	
Select 9 upper-division hours with at least 6 hours of REL coursework and up to 3 hours from the following course options:		9
ART 3603	History of Classical Art (H)	
ART 3623	History of Italian Renaissance Art (H)	
ART 3633	History of Baroque Art (H)	
ART 3673	History of Northern Renaissance Art	
ART 3713	Early Medieval Art: Saints, Martyrs, Pagans (H)	
ART 3723	Court and Cloister: Medieval Art 1050-1400 (H)	
ART 3753	The Arts of Spain and the Spanish World (H)	
ART 4713	The Visual Culture of the Islamic World (HI)	
ENGL 3123	Mythology (H)	
ENGL 3183	Native American Literature (DH)	
ENGL 4200	Studies in Early American Literature	
ENGL 4600	Studies in Chaucer or Milton	
HIST 3013	Ancient Egypt and Israel (H)	
HIST 3043	Ancient Mesopotamia: Iraq, Iran & Syria from 4000-333 B.C. (H)	

HIST 3203	The Medieval World, 500-1500 (H)
HIST 3243	Renaissance, 1350-1517 (H)
HIST 3253	Absolutism and Enlightenment, 1648-1789
HIST 3363	Popular Religion in the West, 1300-1700 (H)
HIST 3483	Reformation Europe, 1517-1648 (H)
HIST 3583	Minorities and Diversity in the Middle East (H)
HIST 3953	Religion in Modern Europe
HIST 4403	Sorcerers, Saints and Heretics: Religion in the Medieval World (H)
PHIL 3523	Medieval Philosophy (H)
PHIL 3613	Philosophy of Religion (H)
PHIL 3933	Creation and Evolution
PHIL 4013	Perspectives on Death and Dying (H)
SOC 3713	Religion, Culture and Society
<b>Total Hours</b>	<b>18</b>

## Additional OSU Requirements

### Undergraduate Minors

- An undergraduate minor must include between fifteen and thirty hours, inclusive of undergraduate coursework.
- A minimum of six credit hours for the minor must be earned in residence at OSU.
- The courses required for a minor may be included in the course requirements for any undergraduate degree or they may be in addition to degree requirements, depending on the overlap between the minor and degree requirements. However, an undergraduate minor must be earned in an academic field other than the student's declared degree option. The minor may not duplicate the degree major or option (for example, a student who earns a BA in Art with an Art History option may earn a minor in Studio Art but not Art History).
- A student generally follows the minor requirements associated with his or her matriculation year or newer requirements that have been established since matriculation. The time limit for following requirements from a given academic year is six years.

For additional information on requirements on minors, click here (<https://adminfinance.okstate.edu/site-files/documents/policies/requirements-for-undergraduate-and-graduate-minors.pdf>).

## Sociology

Sociology is the scientific study of human society and social behavior. Sociologists study a broad array of social phenomena ranging from the dynamics of social interaction to the composition and workings of entire societies.

The diversity of the faculty is reflected in the many different types of undergraduate and graduate courses offered. Topics include environment; criminology and criminal justice; law and society; juvenile delinquency; social problems; social movements; social inequality; social psychology; race and ethnicity; gender; religion; and family. Students gain mastery of knowledge in topical areas as well as in the methods of social research, enabling them to pursue professional positions in a variety of occupational fields. Many undergraduate majors take advantage of the applied research option by selecting supervised work-related internships. Students at the graduate level may pursue the MS or PhD in Sociology.

In addition to a general Sociology degree, the Department of Sociology offers a variety of BA and BS degree options for students hoping to specialize their education. With options in anthropology, applied sociology, criminology and criminal justice, environment and society, and social services, students can tailor their Sociology degree for their future career field. For those students interested in pursuing professional degrees, the Department of Sociology also offers Pre-Med and Pre-Law options.

The general Sociology degree provides students with a strong foundation in sociological theory and methods while also allowing flexibility for interdisciplinary exploration of society and social behavior. Students seeking professional degrees can further specialize their degree with BS options in both Pre-Medical Science and Pre-Law.

The option in Anthropology familiarizes students with the methods and principles of cultural anthropology, archaeology, and biological anthropology. While studying the history of humans and culture, engaging courses and opportunities for hands-on experience prepare students to enter both academic and nonacademic careers.

The option in Applied Sociology enables students to focus their studies and educational experiences in either law, crime, and social justice; environment and society; or social services. It also provides students practical experience for work in a variety of settings.

The option in Criminology and Criminal Justice prepares students for both academic and nonacademic careers related to crime, criminal behavior, law enforcement, the courts, and corrections. A wide variety of course offerings provide students the opportunity to study topics such as the criminal justice system, drugs and drug policy, juvenile delinquency, and gangs and society.

The option in Environment and Society introduces students to the critical relationship among humans, society, and the environment. Course offerings focus on topics such as environmental hazards and disasters, environmental inequality, and technology, preparing students for future careers in environmental law, government, nonprofit, or academics.

The option in Social Services gives students an opportunity to study specific communities, group trends, and public service. With course offerings such as Sociology of Families, Sociology of Health and Illness, and Social Psychology, students are provided a foundation for careers in both public service and academia.

## Courses

### ANTH 1353 Introduction to Anthropology (S)

**Description:** Explores the holistic dimensions of anthropology by introducing the four fields that comprise the discipline: cultural anthropology, linguistics, archaeology, and biological anthropology. Examines the content of each field and their collective contribution to the understanding of humanity.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Sociology

**General Education and other Course Attributes:** Social & Behavioral Sciences

### ANTH 2353 Introduction to Biological Anthropology (N)

**Description:** Introduction to human biological evolution, including genetics, paleoanthropology, primatology, and osteology.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Sociology

**General Education and other Course Attributes:** Natural Sciences

### ANTH 2883 Introduction to Archaeology (S)

**Description:** A general introduction to the methods of study of archaeology. Understanding the development of prehistoric cultures as adaptive responses to changing natural and social environments from early Paleolithic to emergence of urban civilizations.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Sociology

**General Education and other Course Attributes:** Social & Behavioral Sciences

### ANTH 3353 Cultural Anthropology (IS)

**Description:** Introduction to culture, various subdisciplines of cultural anthropology, anthropological concepts, and capsule ethnographies of assorted ethnic groups.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Sociology

**General Education and other Course Attributes:** International Dimension, Social & Behavioral Sciences

### ANTH 3443 Peoples of Mesoamerica (IS)

**Description:** Modern indigenous peoples of Mexico and Central America. Examination of contemporary communities and modern social and cultural practices understood from a historical perspective, leading to an appreciation of regional similarities and diversity.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Sociology

**General Education and other Course Attributes:** International Dimension, Social & Behavioral Sciences

**ANTH 3990 Fieldwork in Anthropology****Prerequisites:** Consent of instructor.**Description:** Instruction through ethnographic or archaeological field techniques by participation in a field program. Topics subject to change from year to year depending upon the type of field program offered or available. Offered for variable credit, 1-8 credit hours, maximum of 8 credit hours.**Credit hours:** 1-8**Contact hours:** Lecture: 1-8 Contact: 1-8**Levels:** Undergraduate**Schedule types:** Lecture**Department/School:** Sociology**ANTH 4123 Archaeology of North America (S)****Description:** Factors influencing the initial peopling of North America, the spread and diversification of hunting and gathering economies, the rise of agricultural systems and emergence of extensive and complex political units.**Credit hours:** 3**Contact hours:** Lecture: 3 Contact: 3**Levels:** Undergraduate**Schedule types:** Lecture**Department/School:** Sociology**General Education and other Course Attributes:** Social & Behavioral Sciences**ANTH 4223 The Aztec Empire (H)****Description:** Society and Culture of the Aztecs of Mesoamerica. Overview of preceding civilizations, analysis of imperial strategies, social organization, religion, and other topics culminating in the Spanish conquest.**Credit hours:** 3**Contact hours:** Lecture: 3 Contact: 3**Levels:** Undergraduate**Schedule types:** Lecture**Department/School:** Sociology**General Education and other Course Attributes:** Humanities**ANTH 4443 Oklahoma Archeology (S)****Description:** Surveys social and cultural development of Native peoples of Oklahoma from Paleoindian hunting adaptations to villagers encountered by early Europeans. Using archaeological investigations examines diversity of social and cultural adaptations to various environments of Oklahoma, including development of complex societies.**Credit hours:** 3**Contact hours:** Lecture: 3 Contact: 3**Levels:** Undergraduate**Schedule types:** Lecture**Department/School:** Sociology**General Education and other Course Attributes:** Social & Behavioral Sciences**ANTH 4883 Comparative Cultures (IS)****Description:** Compares environments, economies, social and political organizations and other aspects of culture among selected literate and preliterate societies.**Credit hours:** 3**Contact hours:** Lecture: 3 Contact: 3**Levels:** Undergraduate**Schedule types:** Lecture**Department/School:** Sociology**General Education and other Course Attributes:** International Dimension, Social & Behavioral Sciences**ANTH 4990 Special Topics in Anthropology****Prerequisites:** Consent of instructor.**Description:** Directed readings or research on significant topics in anthropology. May not be used for degree credit with ANTH 5990. Offered for variable credit, 1-3 credit hours, maximum of 6 credit hours.**Credit hours:** 1-3**Contact hours:** Contact: 1-3 Other: 1-3**Levels:** Undergraduate**Schedule types:** Independent Study**Department/School:** Sociology**ANTH 5243 Globalization and Culture****Prerequisites:** Admission to Graduate College and International Studies.**Description:** Critical assessment of 20th century social scientific theories of development culminating in current theories of globalization. Exploration of capitalism's antecedents, origin, and proliferation. Evaluation of global inequality from a cross-culture perspective. Utility of anthropological theories of culture, ideology and hegemony in assessing local responses to globalization. No credit for students with credit in INTL 5243.**Credit hours:** 3**Contact hours:** Lecture: 3 Contact: 3**Levels:** Graduate**Schedule types:** Lecture**Department/School:** Sociology**ANTH 5990 Advanced Problems and Issues in Anthropology****Prerequisites:** Consent of instructor.**Description:** Directed readings or research on significant topics in anthropology. May not be used for Degree Credit with ANTH 4990. Offered for variable credit, 1-3 credit hours, maximum of 6 credit hours.**Credit hours:** 1-3**Contact hours:** Contact: 1-3 Other: 1-3**Levels:** Graduate**Schedule types:** Independent Study**Department/School:** Sociology**SOC 1113 Introductory Sociology (S)****Description:** Coming to terms with the requirements for living in a complex social world. Sociological concepts used to assist students in understanding the social influences in day-to-day life.**Credit hours:** 3**Contact hours:** Lecture: 3 Contact: 3**Levels:** Undergraduate**Schedule types:** Lecture**Department/School:** Sociology**General Education and other Course Attributes:** Social & Behavioral Sciences**SOC 2113 Introduction to Criminal Justice (S)****Description:** This introductory course provides an overview of the U.S. criminal justice system. Some of the topics covered include police and corrections officers, prosecutors, defense attorneys, and judges.

While a variety of societal responses to adult and juvenile crimes are discussed, this course primarily focuses on the formal responses of law enforcement, the courts, and corrections. Societal goals of punishment are covered as well.

**Credit hours:** 3**Contact hours:** Lecture: 3 Contact: 3**Levels:** Undergraduate**Schedule types:** Lecture**Department/School:** Sociology**General Education and other Course Attributes:** Social & Behavioral Sciences

**SOC 2123 Social Problems (DS)**

**Description:** Exploration in selected social issues in contemporary American society, such as deviance, poverty, sexism, racism and ageism.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Sociology

**General Education and other Course Attributes:** Diversity, Social & Behavioral Sciences

**SOC 2213 Gangs and Society (S)**

**Description:** This course provides an overview of gangs as social phenomena. Gangs of particular interest include youth gangs, urban/rural gangs, street gangs, prison gangs, military gangs, and outlaw motorcycle gangs. The course additionally analyzes how socially-constructed group characteristics (i.e., race, class, gender and ethnicity) relate to gang membership. U.S. street and prison gangs receive extensive coverage. Social alternatives to gangs are discussed as well.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Sociology

**General Education and other Course Attributes:** Social & Behavioral Sciences

**SOC 2243 Drugs and Drug Policy in the United States**

**Description:** This course approaches the study of drugs and drug policy from a sociological perspective. Drawing on key literature, case studies, film and popular media, and class discussions, some of the questions we will answer using this perspective include: Why do individuals use drugs? What sociocultural factors determine how drugs are defined and categorized? What is the history of drug policy in the United States and how has it changed? What responses are effective in controlling drug use and abuse? Why are some substances criminalized and not others? What is the relationship between race and the adoption and enforcement of drug laws? How have drug laws impacted the criminal justice system?

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Sociology

**SOC 2890 Honors Experience in Sociology**

**Prerequisites:** Honors Program participation and concurrent enrollment in a designated SOC course.

**Description:** A supplemental Honors experience in Sociology to partner concurrently with designated Sociology course(s). This course adds a different intellectual dimension to the designated course(s). Offered for fixed credit, 1 credit hour, maximum of 6 credit hours.

**Credit hours:** 1

**Contact hours:** Lecture: 1 Contact: 1

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Sociology

**General Education and other Course Attributes:** Honors Credit

**SOC 3113 Theoretical Thinking in Sociology**

**Prerequisites:** Six credit hours of sociology, including SOC 1113.

**Description:** Sociological theory in three broad areas: the emergence of social theory, the major schools of social theory and the relevance of theory to sociological research.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Sociology

**SOC 3133 Racial and Ethnic Relations (DS)**

**Description:** The historical and sociological dimensions of race and ethnicity in global society and understanding of the controversies and conflicts that race and ethnicity have generated in the global experience. Previously offered as SOC 2133.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Sociology

**General Education and other Course Attributes:** Diversity, Social & Behavioral Sciences

**SOC 3153 Sociology of Sport (S)**

**Description:** Application of sociological principles, theories, and methods to the understanding of sport as a social institution. Topics such as the social organization of sport, relations with other institutions such as education, economy, politics, family and religion, deviance in sport, inequality, gender, and race in sport, and the future of sport are covered.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Sociology

**General Education and other Course Attributes:** Social & Behavioral Sciences

**SOC 3223 Social Psychology (S)**

**Description:** Social basis of personality development and behavior, including symbolic environment, self and group motivation, attitudes and opinions, and social roles.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Sociology

**General Education and other Course Attributes:** Social & Behavioral Sciences

**SOC 3323 Collective Behavior and Social Movements**

**Description:** Analyzes panics, crazes, riots and social movements emphasizing institutional and social psychological origins and consequences.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Sociology



**SOC 3333 Policing and Society (S)**

**Description:** This course explores the social institution of policing. Extensively covered are the relationships between police agencies, agents, and practices and social groups (based on race, class, gender, sexual identity/orientation, age, disability, and other classifications) and policies (e.g., War on Drugs) in the United States. Additional course topics include the roles of police, police patrol, police discretion, police use of force, and community policing.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Sociology

**General Education and other Course Attributes:** Social & Behavioral Sciences

**SOC 3423 Urban Sociology**

**Description:** Urbanization as a worldwide process. The demography and ecology of cities and metropolitan regions. Urban planning and future development.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Sociology

**SOC 3523 Juvenile Delinquency (DS)**

**Description:** Juvenile delinquency behavior in relation to family, school, church, peers, community and institutional structures. The extent of delinquent expressions, varieties of delinquency, comparative international perspectives and new trends of females in delinquency and gang behavior.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Sociology

**General Education and other Course Attributes:** Diversity, Social & Behavioral Sciences

**SOC 3713 Religion, Culture and Society**

**Prerequisites:** Recommended: SOC 1113, ANTH 2353, REL 1103.

**Description:** An introduction to the scientific study of religion. Religious activity in both tribal and technological societies studied in the light of contemporary interpretations of culture and of social behavior. Same course as REL 3713.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Sociology

**SOC 3890 Advanced Honors Experience in Sociology**

**Prerequisites:** Honors Program participation and concurrent enrollment in a designated SOC course.

**Description:** A supplemental Honors experience in Sociology to partner concurrently with designated upper-division SOC course(s). This course adds a different intellectual dimension to the designated course(s). Offered for fixed credit, 1 credit hour, maximum of 6 credit hours.

**Credit hours:** 1

**Contact hours:** Lecture: 1 Contact: 1

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Sociology

**General Education and other Course Attributes:** Honors Credit

**SOC 3953 Applied Sociology**

**Prerequisites:** Sociology majors or consent of instructor or adviser.

**Description:** Application of sociological theory and methods to various job situations. Preparation for field experience in a variety of work settings. Previously offered as SOC 3952.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Sociology

**SOC 3993 Sociology of Aging (DS)**

**Description:** Sociological problems of aging, including the analysis of the behavior of the aged within the framework of social institutions.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Sociology

**General Education and other Course Attributes:** Diversity, Social & Behavioral Sciences

**SOC 4023 Juvenile Corrections and Treatment Strategies**

**Prerequisites:** SOC 3523 or SOC 4333.

**Description:** The juvenile justice system, emphasizing the juvenile court, diversion and youth service bureaus as well as the more traditional training schools and foster homes. Experimental treatment strategies with institutionalized delinquents.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Sociology

**SOC 4033 Comparative Perspectives of Criminal Justice Systems (IS)**

**Description:** Study of criminal justice systems in different nation states and culture context from a different comparative perspective.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Sociology

**General Education and other Course Attributes:** International Dimension, Social & Behavioral Sciences



**SOC 4043 Gender and Work (DS)****Prerequisites:** One upper division course.**Description:** Consideration of unpaid, paid and volunteer work and gender differences. Linkages between economy, work, and family with examples from United States and less developed countries.**Credit hours:** 3**Contact hours:** Lecture: 3 Contact: 3**Levels:** Undergraduate**Schedule types:** Lecture**Department/School:** Sociology**General Education and other Course Attributes:** Diversity, Social & Behavioral Sciences**SOC 4103 The Death Penalty in America (S)****Description:** This course is designed to examine problems and issues related to the death penalty in the United States, including the history of capital punishment, important Supreme Court decisions, how the various jurisdictions (state and federal) deal with capital cases, the comparative costs of incarceration and execution, miscarriages of justice in capital cases and how the criminal justice responds to these issues. Same course as AMST 4103.**Credit hours:** 3**Contact hours:** Lecture: 3 Contact: 3**Levels:** Undergraduate**Schedule types:** Lecture**Department/School:** Sociology**General Education and other Course Attributes:** Social & Behavioral Sciences**SOC 4133 Social Research Methods****Prerequisites:** SOC 1113 and SOC 3113.**Description:** Applying sociological theory to designing quantitative and qualitative research; methods of data collection, processing and analysis; basic skills in computer analysis of social data. Research project included.**Credit hours:** 3**Contact hours:** Lecture: 3 Contact: 3**Levels:** Undergraduate**Schedule types:** Lecture**Department/School:** Sociology**SOC 4153 Sociology of Health and Illness****Description:** Critically analyzes the social production of disease and illness in modern society from a sociological perspective. Examines the social organization of Medicare care, including critical issues affecting healthcare and health insurance in the United States. Focuses on the meanings and experiences of illness, as well as on contemporary critical debates such as environmental and health, bioengineering, and bioethics.**Credit hours:** 3**Contact hours:** Lecture: 3 Contact: 3**Levels:** Undergraduate**Schedule types:** Lecture**Department/School:** Sociology**SOC 4213 Sociology of Sexualities (S)****Prerequisites:** Junior standing or consent of instructor.**Description:** Sociological aspects of sexual behavior, attitudes and belief systems in society.**Credit hours:** 3**Contact hours:** Lecture: 3 Contact: 3**Levels:** Undergraduate**Schedule types:** Lecture**Department/School:** Sociology**General Education and other Course Attributes:** Social & Behavioral Sciences**SOC 4243 Quantitative Methods in Sociology****Prerequisites:** SOC 1113, SOC 3113, SOC 4133.**Description:** Strategies and procedures in the analysis of quantitative sociological data, including the use of statistical computer programs.**Credit hours:** 3**Contact hours:** Lecture: 3 Contact: 3**Levels:** Undergraduate**Schedule types:** Lecture**Department/School:** Sociology**SOC 4313 Sociology of Law****Description:** Law has been studied from different perspectives. In this course, we will focus on issues concerning the relationship between law, legal institution, and society. Issues such as the relationship between law and social change, the origins of law, the integrative function of law, law and social conflict, legal profession, and rationales of punishment and penal policies are explored through classical and contemporary sociological theories. In addition, we will consider the role of law and legal institution in reinforcing and changing social class, gender, and race inequalities.**Credit hours:** 3**Contact hours:** Lecture: 3 Contact: 3**Levels:** Undergraduate**Schedule types:** Lecture**Department/School:** Sociology**SOC 4333 Criminology (S)****Description:** Summary of sociological and psychological research pertaining to crime causation and crime trends. Modern trends in control and treatment.**Credit hours:** 3**Contact hours:** Lecture: 3 Contact: 3**Levels:** Undergraduate**Schedule types:** Lecture**Department/School:** Sociology**General Education and other Course Attributes:** Social & Behavioral Sciences**SOC 4383 Social Stratification (S)****Description:** Systems of class and caste, with special attention to the United States. Status, occupation, income, and other elements in stratification.**Credit hours:** 3**Contact hours:** Lecture: 3 Contact: 3**Levels:** Undergraduate**Schedule types:** Lecture**Department/School:** Sociology**General Education and other Course Attributes:** Social & Behavioral Sciences

**SOC 4433 Environmental Sociology (S)**

**Description:** Critical assessment of the social causes and consequences of problems with resource scarcity and environmental degradation. Environmental problems viewed as social problems, requiring an understanding of the structural conditions producing environmental problems and inhibiting resolutions.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Sociology

**General Education and other Course Attributes:** Social & Behavioral Sciences

**SOC 4453 Environmental Inequality (S)**

**Prerequisites:** SOC 1113.

**Description:** Considers the connection between environmental problems and race/ethnicity and class inequality. Focuses on environmental justice/equity, social movements, health, policy and risk at the local, national and global levels.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Sociology

**General Education and other Course Attributes:** Social & Behavioral Sciences

**SOC 4463 Technology and Society**

**Description:** Exploration of various aspects of the relationship between society and technology. Analysis of arguments about the role of technology in society. Examination of the social contexts within which technology is created and discussion of the mechanisms and processes through which technology is embraced or discarded, such as peer review, politics, religion, and legal frameworks.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Sociology

**SOC 4473 Oklahoma Environmental Sociology**

**Description:** Critical assessment of the social causes and consequences of environmental problems in Oklahoma, both historical and contemporary. Examines the Land Run, the Dust Bowl, the Oil Boom, land ownership and use patterns.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Sociology

**SOC 4493 Sociology of Environmental Hazards and Disasters**

**Prerequisites:** SOC 3113 or instructor permission.

**Description:** Explores societal dimensions of environmental hazards and disasters, emphasizing disaster theory and research, key issues in the sociological study of environmental hazards and disasters, such as social impacts, social vulnerability, and community development and resilience.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Sociology

**SOC 4533 World Population Problems**

**Description:** Fertility, mortality and migration, and other factors related to population size, density, and composition; the population explosion, worldwide famine, birth control, and other serious social issues.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Sociology

**SOC 4573 Victimology**

**Description:** This course combines various academic disciplines to introduce the field of Victimology. The course represents an overview of the Victimology field; courts, victim services, victimization, and personnel issues. Students use the on-line and reading material to build a framework for understanding the wide field of Victimology together with victim issues and career opportunities. Same course as PSYC 4573.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Sociology

**SOC 4643 Sociology of Gender (S)**

**Description:** Explores the social organization of gender from diverse theoretical and empirical perspectives using a global experience.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Sociology

**General Education and other Course Attributes:** Social & Behavioral Sciences

**SOC 4653 Gender and the Middle East (IS)**

**Description:** An overview of gender-related issues in the Middle East and North African countries is provided to bridge cultures and build understanding. Specific attention is given to issues of women and how they are connected to changes in culture, economics, politics and society. May not be used for degree credit with SOC 5653.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Sociology

**General Education and other Course Attributes:** International Dimension, Social & Behavioral Sciences

**SOC 4663 Undergraduate Capstone Seminar in Sociology**

**Prerequisites:** Majors; senior standing; SOC 3113, SOC 4133, SOC 4243.

**Description:** Concluding course for Sociology majors. Application of the skills, knowledge and expertise acquired in Sociology, including critical thinking, writing, theory and methods.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Sociology

**SOC 4723 Sociology of Families (S)**

**Description:** The family as a social institution and relationship between family and other institutional structures and systems, including work and the economy, education, government and law, health care, and the media. Previously offered as SOC 3723.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Sociology

**General Education and other Course Attributes:** Social & Behavioral Sciences

**SOC 4733 Criminal Behavior Analysis**

**Prerequisites:** SOC 3523 or SOC 4333.

**Description:** This course combines various academic disciplines toward a behavioral examination of the violent criminal offender. By examining the crime scene from a behavioral perspective, the psychodynamics of the offender, the sociological forces, and the social psychological dimensions of victim-offender interactions are combined for a more holistic understanding of the violent offender.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Sociology

**SOC 4743 Criminalistics: Introduction to Forensic Sciences**

**Prerequisites:** SOC 3523 or SOC 4333.

**Description:** Criminalistics or forensic sciences involve the application of physical and behavioral sciences to social order or more specifically, the relationship between science and law. This course introduces the student to the various aspects of forensic examinations of violent criminal behavior. By examining modern techniques of crime scene analysis, the student learns how theory and technological development impact our social concepts of law and justice.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Sociology

**SOC 4753 Advanced Forensics**

**Prerequisites:** SOC 3523 or SOC 4333 and SOC 4743.

**Description:** Forensic sciences involve the application of physical and behavioral sciences to social order and law. This course advances students' understanding of examinations of violent criminal behavior. Students gain awareness of the interdependent relationships of various physical and social science disciplines and how these issues are operationalized at an actual crime scene.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Sociology

**SOC 4850 Internship in Sociology**

**Prerequisites:** SOC 3953, completion of 12 hours of sociology, or consent of internship coordinator.

**Description:** Field experience in a variety of work settings. Offered for variable credit, 1-4 credit hours, maximum of 4 credit hours.

**Credit hours:** 1-4

**Contact hours:** Contact: 1-4 Other: 1-4

**Levels:** Undergraduate

**Schedule types:** Independent Study

**Department/School:** Sociology

**SOC 4923 Sociology of Punishment (S)**

**Description:** An overview of punishment across time and place. Topics surveyed include theories of punishment; formal and informal social control; and corrections, including its consequences and alternatives. Special topics may be examined when time permits.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Sociology

**General Education and other Course Attributes:** Social & Behavioral Sciences

**SOC 4950 Current Topics in Sociology**

**Description:** Special topics in sociology; topics vary from semester to semester. Offered for variable credit, 1-12 credit hours, maximum of 12 credit hours.

**Credit hours:** 1-12

**Contact hours:** Lecture: 1-12 Contact: 1-12

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Sociology

**SOC 4990 Exploration of Sociological Issues**

**Prerequisites:** Consent of instructor.

**Description:** Examines sociologically significant topics and issues. May not be used for degree credit with SOC 5990. Offered for variable credit, 1-3 credit hours, maximum of 6 credit hours.

**Credit hours:** 1-3

**Contact hours:** Contact: 1-3 Other: 1-3

**Levels:** Undergraduate

**Schedule types:** Independent Study

**Department/School:** Sociology

**SOC 4993 Senior Honors Thesis**

**Prerequisites:** Departmental invitation, senior standing, Honors Program participation.

**Description:** A guided reading and research program ending with an honors thesis under the direction of a senior faculty member, with second faculty reader and oral examination. Required for graduation with departmental honors in sociology.

**Credit hours:** 3

**Contact hours:** Contact: 3 Other: 3

**Levels:** Undergraduate

**Schedule types:** Independent Study

**Department/School:** Sociology

**General Education and other Course Attributes:** Honors Credit

**SOC 5000 Thesis in Sociology**

**Description:** Offered for variable credit, 1-6 credit hours, maximum of 6 credit hours.

**Credit hours:** 1-6

**Contact hours:** Contact: 1-6 Other: 1-6

**Levels:** Graduate

**Schedule types:** Independent Study

**Department/School:** Sociology

**SOC 5001 Graduate Proseminar**

**Prerequisites:** Admission to Sociology graduate program.

**Description:** Introduction and orientation to the graduate program in the Department of Sociology.

**Credit hours:** 1

**Contact hours:** Lecture: 1 Contact: 1

**Levels:** Graduate

**Schedule types:** Lecture

**Department/School:** Sociology

**SOC 5013 Creative Component in Sociology**

**Description:** A guided course serving as the final requirement for graduate students in the Department of Sociology's Master of Science degree, non-thesis option.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Graduate

**Schedule types:** Lecture

**Department/School:** Sociology

**SOC 5063 Seminar in Social Inequality and Stratification**

**Prerequisites:** Graduate standing.

**Description:** Provides comprehensive overview and analysis of theories and research in social inequality and social stratification. Includes: study of classical and contemporary theories, development of research in the field, dynamics of inequalities and current and future perspectives.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Graduate

**Schedule types:** Lecture

**Department/School:** Sociology

**SOC 5113 Classical Sociological Theory**

**Prerequisites:** SOC 3113 or equivalent.

**Description:** Major trends in sociological thought. The emergence of sociological theory in Europe and America.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Graduate

**Schedule types:** Lecture

**Department/School:** Sociology

**SOC 5123 Contemporary Sociological Theory**

**Prerequisites:** SOC 3113 or equivalent.

**Description:** Critical examination of significant theoretical formulations, 1920 to the present. Relation between theoretical development and current research emphasis.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Graduate

**Schedule types:** Lecture

**Department/School:** Sociology

**SOC 5213 Techniques of Population Analysis**

**Prerequisites:** Graduate standing.

**Description:** Examination of primary techniques and statistics employed in studies of population characteristics. Examination of sources of demographic data, methods employed in the collection and analysis of data on population characteristics, composition and change.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Graduate

**Schedule types:** Lecture

**Department/School:** Sociology

**SOC 5223 Culture, History and World Systems**

**Prerequisites:** Admission to Graduate College and international studies program.

**Description:** The modern world system and its new social formations resulting from increasing globalization. Examination of cultural, socio-economic, and political changes in developed and developing societies. Modern societies, their historical developments, the cultural politics of difference, and the re-emergence of ethnic groups worldwide. Existing theoretical models of change for profit and non-profit organizations. Same course as INTL 5223.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Graduate

**Schedule types:** Lecture

**Department/School:** Sociology

**SOC 5243 Social Research Design**

**Prerequisites:** SOC 3113; SOC 4133 or equivalent; graduate standing.

**Description:** Techniques in design, data collection, and interpretation of data for sociological research.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Graduate

**Schedule types:** Lecture

**Department/School:** Sociology

**SOC 5263 Quantitative Analysis of Social Research**

**Prerequisites:** SOC 3133; SOC 4133 or equivalent; graduate standing.

**Description:** Advanced techniques in sociological research and data analysis focusing on the formulation of substantive research questions and application of a variety of research procedures to answer such questions.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Graduate

**Schedule types:** Lecture

**Department/School:** Sociology

**SOC 5273 Qualitative Research Methods**

**Description:** Examination of ethnographic studies and implementation issues connected with qualitative research. Research project required.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Graduate

**Schedule types:** Lecture

**Department/School:** Sociology

**SOC 5283 Advanced Qualitative Sociological Research****Prerequisites:** SOC 5273 or consent of instructor.**Description:** Intensive examination of advanced qualitative research in sociology. Requires students to design and implement their own qualitative sociological research projects under the guidance of the instructor.**Credit hours:** 3**Contact hours:** Lecture: 3 Contact: 3**Levels:** Graduate**Schedule types:** Lecture**Department/School:** Sociology**SOC 5323 Seminar on Collective Behavior and Social Movements****Prerequisites:** Graduate standing.**Description:** Examination of major theoretical and empirical approaches employed in the study of social movements. Exploration of problems on the nature and current theories of social movements including individual versus group approaches. Grassroots resistance, community organizing, political conflicts, and revolutions.**Credit hours:** 3**Contact hours:** Lecture: 3 Contact: 3**Levels:** Graduate**Schedule types:** Lecture**Department/School:** Sociology**SOC 5333 Global Population and Social Problems****Prerequisites:** Graduate standing.**Description:** Study in world, regional and national population characteristics, changes and associated problems and cultural influences.**Credit hours:** 3**Contact hours:** Lecture: 3 Contact: 3**Levels:** Graduate**Schedule types:** Lecture**Department/School:** Sociology**SOC 5343 Sociology of Law and Punishment****Description:** Advanced study in the sociology of law and punishment. Focus on both classical and contemporary sociological and legal research. An interdisciplinary and comparative approach is also emphasized.**Credit hours:** 3**Contact hours:** Lecture: 3 Contact: 3**Levels:** Graduate**Schedule types:** Lecture**Department/School:** Sociology**SOC 5463 Seminar in Environmental Sociology****Description:** Critical overview of contemporary developments in environmental sociology. Environment concern, disasters, health issues, risk assessment, and environmental conflict.**Credit hours:** 3**Contact hours:** Lecture: 3 Contact: 3**Levels:** Graduate**Schedule types:** Lecture**Department/School:** Sociology**SOC 5473 Seminar on the Contemporary Environmental Movement****Description:** Critical overview of contemporary theory and research on the environmental movement. Analysis of crucial movements dynamics, including historical development, central organizing themes, strategies and tactics, and movement activities, environmental health movements, and transnational movement campaigns.**Credit hours:** 3**Contact hours:** Lecture: 3 Contact: 3**Levels:** Graduate**Schedule types:** Lecture**Department/School:** Sociology**SOC 5493 Seminar in Environmental Justice****Description:** Considers racial, class and equity implications of environmental degradation and regulation. Includes discussion of controversies over the siting of hazardous facilities in urban and rural areas, the extraction of resources from native lands, national and transnational export of toxic waste to the South and the development of a distinct environmental justice movement.**Credit hours:** 3**Contact hours:** Lecture: 3 Contact: 3**Levels:** Graduate**Schedule types:** Lecture**Department/School:** Sociology**SOC 5553 Seminar in Medical Sociology****Description:** Advanced study in the sociology of medicine, including the doctor-patient relationship, the social meanings of health and illness, epidemiology, health care delivery, and the medicalization of American society. Analysis of the sociology of organic illness and mental illness using readings from both classical and contemporary sources.**Credit hours:** 3**Contact hours:** Lecture: 3 Contact: 3**Levels:** Graduate**Schedule types:** Lecture**Department/School:** Sociology**SOC 5573 Seminar on Victimology****Description:** Critical overview of contemporary theory and research on victimology. Relationships between victim and offenders, social institutions such as media, police, business, advocacy groups, and various social movements.**Credit hours:** 3**Contact hours:** Lecture: 3 Contact: 3**Levels:** Graduate**Schedule types:** Lecture**Department/School:** Sociology**SOC 5583 Comparative Criminal Justice Systems****Description:** Examines crime and criminal justice in a global world. Compares the current major legal traditions with the U.S. criminal justice system.**Credit hours:** 3**Contact hours:** Lecture: 3 Contact: 3**Levels:** Graduate**Schedule types:** Lecture**Department/School:** Sociology



**SOC 5593 Seminar on Organization and Administration in Law Enforcement and Society**

**Description:** Critical overview of contemporary theory and research on administration in law enforcement and society.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Graduate

**Schedule types:** Lecture

**Department/School:** Sociology

**SOC 5643 Gender and Society**

**Prerequisites:** Graduate standing.

**Description:** This course provides an overview of current theoretical and empirical research in the sociology of gender. Topics include (1) how best to theorize, conceptualize, and analyze gender; (2) how gender is socially constructed and enacted in individuals' lives; (3) how gender intersects with other identities (e.g., race, social class, sexuality) to shape our experiences and life chances; and, (4) how gender is embedded within institutional processes.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Graduate

**Schedule types:** Lecture

**Department/School:** Sociology

**SOC 5653 Gender and the Middle East**

**Description:** An overview of gender-related issues in the Middle East and North African countries is provided to bridge cultures and build understanding. Specific attention is given to issues of women and how they are connected to changes in contemporary culture, economics, politics, and society. May not be used for degree credit with SOC 4653.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Graduate

**Schedule types:** Lecture

**Department/School:** Sociology

**SOC 5663 Seminar in Race and Ethnicity**

**Prerequisites:** Graduate standing.

**Description:** Analysis of the dynamics of intercultural and intergroup relations in America with special emphasis on the examination of major conceptual perspectives that have characterized the study of race and ethnicity in American life.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Graduate

**Schedule types:** Lecture

**Department/School:** Sociology

**SOC 5763 Contemporary Organizational Theory**

**Prerequisites:** Graduate standing.

**Description:** Advanced study of contemporary theories used to explain, predict and understand organizations. Behavior of populations of organizations.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Graduate

**Schedule types:** Lecture

**Department/School:** Sociology

**SOC 5793 Seminar on Organizational Deviance**

**Description:** Overview of contemporary theory and research on organizational deviance. Defining acceptable risk. Organizational structures, processes, and standard operating procedures that produce mistake, misconduct and disaster.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Graduate

**Schedule types:** Lecture

**Department/School:** Sociology

**SOC 5813 Myths and Realities of Organizational Change**

**Prerequisites:** Graduate standing.

**Description:** A critical examination of the various theories and models that address change and improvement processes in complex organizations. Theoretical and methodological validity of assumptions underlying such organizational theories and models.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Graduate

**Schedule types:** Lecture

**Department/School:** Sociology

**SOC 5950 Seminar in Sociology**

**Prerequisites:** Graduate standing.

**Description:** Special seminar; topics vary from semester to semester. Offered for variable credit, 1-3 credit hours, maximum of 25 credit hours.

**Credit hours:** 1-3

**Contact hours:** Lecture: 1-3 Contact: 1-3

**Levels:** Graduate

**Schedule types:** Lecture

**Department/School:** Sociology

**SOC 5980 Internship**

**Description:** Supervised field placement. Offered for variable credit, 1-6 credit hours, maximum of 6 credit hours.

**Credit hours:** 1-6

**Contact hours:** Contact: 1-6 Other: 1-6

**Levels:** Graduate

**Schedule types:** Independent Study

**Department/School:** Sociology

**SOC 5990 Advanced Problems and Issues in Sociology**

**Prerequisites:** Consent of instructor.

**Description:** Group enrollment or individual research enrollment as needed. Graduate level analysis of special problems and issues in sociology not covered in other department offerings. May not be used for degree credit with SOC 4990. Offered for variable credit, 1-9 credit hours, maximum of 9 credit hours.

**Credit hours:** 1-9

**Contact hours:** Contact: 1-9 Other: 1-9

**Levels:** Graduate

**Schedule types:** Independent Study

**Department/School:** Sociology

**SOC 6000 Dissertation**

**Description:** Offered for variable credit, 1-12 credit hours, maximum of 18 credit hours.

**Credit hours:** 1-12

**Contact hours:** Contact: 1-12 Other: 1-12

**Levels:** Graduate

**Schedule types:** Independent Study

**Department/School:** Sociology



**SOC 6213 Theory of Social Structure**

**Prerequisites:** Six hours of undergraduate sociology or equivalent.

**Description:** Relationship between human thought and the social context within which it arises.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Graduate

**Schedule types:** Lecture

**Department/School:** Sociology

**SOC 6390 Seminar in the Family, Marriage and Male-Female Roles in American Sociology**

**Description:** Analysis of published research in sociology of family, marriage and male-female roles and relationships with special emphasis on American society. Offered for variable credit, 2-3 credit hours, maximum of 6 credit hours.

**Credit hours:** 2-3

**Contact hours:** Contact: 2-3 Other: 2-3

**Levels:** Graduate

**Schedule types:** Independent Study

**Department/School:** Sociology

**SOC 6460 Advanced Studies in Environmental Sociology**

**Prerequisites:** SOC 5463 or consent of instructor.

**Description:** Intensive examination of selected topics in environmental sociology. Offered for variable credit, 1-6 credit hours, maximum of 6 credit hours.

**Credit hours:** 1-6

**Contact hours:** Contact: 1-6 Other: 1-6

**Levels:** Graduate

**Schedule types:** Independent Study

**Department/School:** Sociology

**SOC 6463 International Issues in Environmental Sociology**

**Prerequisites:** Graduate standing.

**Description:** Advanced study of the international context of environmental issues.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Graduate

**Schedule types:** Lecture

**Department/School:** Sociology

**SOC 6493 Sociology of Disaster**

**Description:** Critical examination of contemporary theory and research on the social aspects of disasters. Social system response to large-scale crises. Vulnerability, warnings, preparedness, recovery, mitigation, and sustainability.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Graduate

**Schedule types:** Lecture

**Department/School:** Sociology

**SOC 6653 Seminar in Social Psychology**

**Description:** Development and critical analysis of theory and research in social psychology.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Graduate

**Schedule types:** Lecture

**Department/School:** Sociology

**SOC 6753 Seminar in Deviance and Criminology**

**Description:** Current research and theory in criminology, penology and deviance in modern society. Previously offered as SOC 6750.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Graduate

**Schedule types:** Lecture

**Department/School:** Sociology

**SOC 6763 Seminar in Theory of Criminal Behavior Analysis**

**Description:** Critical overview of contemporary theory and research on criminal behavioral analysis.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Graduate

**Schedule types:** Lecture

**Department/School:** Sociology

**SOC 6853 Seminar in Symbolic Interactionism**

**Description:** Symbolic interactionism, a major contemporary school of thought in sociology and psychology, emerging from philosophical pragmatism with special emphasis on the thoughts of George H. Mead and its derivatives including dramaturgy, existential social psychology, and phenomenological.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Graduate

**Schedule types:** Lecture

**Department/School:** Sociology

**SOC 6950 Seminar in Social Gerontology**

**Description:** A theoretical and practical examination of the sociological implications, both individual and societal, of an aging population. Offered for variable credit, 2-3 credit hours, maximum of 6 credit hours.

**Credit hours:** 2-3

**Contact hours:** Contact: 2-3 Other: 2-3

**Levels:** Graduate

**Schedule types:** Independent Study

**Department/School:** Sociology

## Undergraduate Programs

- Sociology, BA (p. 1771)
- Sociology, BS (p. 1774)
- Sociology: Anthropology, BA (p. 1777)
- Sociology: Anthropology, BS (p. 1780)
- Sociology: Applied Sociology, BA (p. 1783)
- Sociology: Applied Sociology, BS (p. 1786)
- Sociology: Criminology and Criminal Justice, BA (p. 1789)
- Sociology: Criminology and Criminal Justice, BS (p. 1792)
- Sociology: Environment and Society, BA (p. 1795)
- Sociology: Environment and Society, BS (p. 1798)
- Sociology: Pre-Law, BS (p. 1801)
- Sociology: Pre-Medical Science, BS (p. 1804)
- Sociology: Social Services, BA (p. 1807)
- Sociology: Social Services, BS (p. 1810)

## Graduate Programs

The Department of Sociology offers the Master of Science degree with thesis or non-thesis (terminal degree) options, and the Doctor of Philosophy degree. Programs are designed to prepare students for

appointments to the faculty of colleges and universities, to work in private industry and social service agencies, and to be employed in research positions in business and/or government. The Department offers concentrations in Criminology and Deviance, Environmental Sociology, Social Inequality, Social Movements, and Social Psychology. Excellent training and research opportunities are provided for students in quantitative and qualitative social science research methods and theory, further enhancing opportunities in a wide array of career fields.

## Degree Requirements

The MS in sociology thesis option requires a minimum of 31 hours of coursework. The MS in sociology non-thesis option requires 32 hours of coursework. For students pursuing the PhD, a minimum of 90 semester credit hours beyond the baccalaureate, or 60 hours beyond the master's degree, is required. Each PhD student is required to take six hours of sociological theory, and 15 hours of research methods/statistics. Detailed information on each program is available on the Departmental website.

## Minors

- Anthropology (ANTH), Minor (p. 1767)
- Criminology and Criminal Justice (CRCJ), Minor (p. 1768)
- Social Justice (SOJU), Minor (p. 1769)
- Sociology (SOC), Minor (p. 1770)

## Faculty

Tamara Mix PhD—Dresser Professor and Department Head

**Regents Professors:** Riley Dunlap, PhD (emeritus); Duane Gill, PhD (emeritus); Ken Kiser, PhD (emeritus); David Knottnerus, PhD (emeritus)

**Professors:** Andrew Fullerton, PhD; Bin Liang, PhD; Mike Long, PhD; Tamara Mix, PhD; Jean Van Delinder, PhD

**Associate Professors:** Jonathan Coley, PhD; Heather McLaughlin, PhD; Stephen Perkins, PhD; Rachel Schmitz, PhD; Kelley Sittner, PhD; Monica Whitham, PhD

**Assistant Professors:** Katie Constantin, PhD; Jared Fitzgerald, PhD; Chad Malone, PhD; Corinne Schwarz, PhD

## Anthropology (ANTH), Minor

**Requirements for Students Matriculating in or before Academic Year 2022-2023.** Learn more about University Academic Regulation 3.1 (p. 943).

427 Social Sciences and Humanities, 405-744-6114

**Minimum Grade Point Average in Minor Coursework:** Minimum GPA 2.50 in minor and minimum grade of "C."

**Total Hours:** 18

Code	Title	Hours
<b>Minor Requirements</b>		
ANTH 2353	Introduction to Biological Anthropology (N)	3
ANTH 3353	Cultural Anthropology (IS)	3
Select 3 hours of any level ANTH		3
Select 9 hours upper-division ANTH		9
<b>Total Hours</b>		<b>18</b>

### Additional OSU Requirements Undergraduate Minors

- An undergraduate minor must include between fifteen and thirty hours, inclusive of undergraduate coursework.
- A minimum of six credit hours for the minor must be earned in residence at OSU.
- The courses required for a minor may be included in the course requirements for any undergraduate degree or they may be in addition to degree requirements, depending on the overlap between the minor and degree requirements. However, an undergraduate minor must be earned in an academic field other than the student's declared degree option. The minor may not duplicate the degree major or option (for example, a student who earns a BA in Art with an Art History option may earn a minor in Studio Art but not Art History).
- A student generally follows the minor requirements associated with his or her matriculation year or newer requirements that have been established since matriculation. The time limit for following requirements from a given academic year is six years.

For additional information on requirements on minors, click here (<https://adminfinance.okstate.edu/site-files/documents/policies/requirements-for-undergraduate-and-graduate-minors.pdf>).

## Criminology and Criminal Justice (CRCJ), Minor

**Requirements for Students Matriculating in or before Academic Year 2022-2023.** Learn more about University Academic Regulation 3.1 (p. 943).

**Minimum grade and/or GPA:** 2.50

**Total Hours:** 18

Code	Title	Hours
<b>Course Requirements</b>		
SOC 1113	Introductory Sociology (S)	3
SOC 3113	Theoretical Thinking in Sociology	3
SOC 2113 or SOC 2213	Introduction to Criminal Justice (S) Gangs and Society (S)	3
Select nine hours from the following:		9
SOC 3333	Policing and Society (S)	
SOC 3523	Juvenile Delinquency (DS)	
SOC 4033	Comparative Perspectives of Criminal Justice Systems (IS)	
SOC 4103	The Death Penalty in America (S)	
SOC 4313	Sociology of Law	
SOC 4333	Criminology (S)	
SOC 4923	Sociology of Punishment (S)	
<b>Total Hours</b>		<b>18</b>

## Additional OSU Requirements

### Undergraduate Minors

- An undergraduate minor must include between fifteen and thirty hours, inclusive of undergraduate coursework.
- A minimum of six credit hours for the minor must be earned in residence at OSU.
- The courses required for a minor may be included in the course requirements for any undergraduate degree or they may be in addition to degree requirements, depending on the overlap between the minor and degree requirements. However, an undergraduate minor must be earned in an academic field other than the student's declared degree option. The minor may not duplicate the degree major or option (for example, a student who earns a BA in Art with an Art History option may earn a minor in Studio Art but not Art History).
- A student generally follows the minor requirements associated with his or her matriculation year or newer requirements that have been established since matriculation. The time limit for following requirements from a given academic year is six years.

For additional information on requirements on minors, click here (<https://adminfinance.okstate.edu/site-files/documents/policies/requirements-for-undergraduate-and-graduate-minors.pdf>).

## Social Justice (SOJU), Minor

**Requirements for Students Matriculating in or before Academic Year 2022-2023.** Learn more about University Academic Regulation 3.1 (p. 943).

**Minimum grade and/or GPA:** 2.50 GPA

**Total Hours:** 18

Code	Title	Hours
<b>Course Requirements</b>		
SOC 1113	Introductory Sociology (S)	3
SOC 2123	Social Problems (DS)	3
SOC 3113	Theoretical Thinking in Sociology	3
Select nine hours of the following:		9
POLS 2313	Social Justice Politics (D)	
SOC 3133	Racial and Ethnic Relations (DS)	
SOC 3323	Collective Behavior and Social Movements	
SOC 3993	Sociology of Aging (DS)	
SOC 4153	Sociology of Health and Illness	
SOC 4213	Sociology of Sexualities (S)	
SOC 4383	Social Stratification (S)	
SOC 4453	Environmental Inequality (S)	
SOC 4643	Sociology of Gender (S)	
SOC 4723	Sociology of Families (S)	
<b>Total Hours</b>		<b>18</b>

## Additional OSU Requirements

### Undergraduate Minors

- An undergraduate minor must include between fifteen and thirty hours, inclusive of undergraduate coursework.
- A minimum of six credit hours for the minor must be earned in residence at OSU.
- The courses required for a minor may be included in the course requirements for any undergraduate degree or they may be in addition to degree requirements, depending on the overlap between the minor and degree requirements. However, an undergraduate minor must be earned in an academic field other than the student's declared degree option. The minor may not duplicate the degree major or option (for example, a student who earns a BA in Art with an Art History option may earn a minor in Studio Art but not Art History).
- A student generally follows the minor requirements associated with his or her matriculation year or newer requirements that have been established since matriculation. The time limit for following requirements from a given academic year is six years.

For additional information on requirements on minors, click here (<https://adminfinance.okstate.edu/site-files/documents/policies/requirements-for-undergraduate-and-graduate-minors.pdf>).

## Sociology (SOC), Minor

**Requirements for Students Matriculating in or before Academic Year 2022-2023.** Learn more about University Academic Regulation 3.1 (p. 943).

427 Social Sciences and Humanities, 405-744-6114

**Minimum Grade Point Average in Minor Coursework:** Minimum GPA 2.50 in minor with minimum grade of "C."

**Total Hours:** 18

Code	Title	Hours
<b>Minor Requirements</b>		
SOC 1113	Introductory Sociology (S)	3
SOC 3113	Theoretical Thinking in Sociology	3
Select 3 hours of any level SOC		3
Select 9 hours of upper-division SOC		9
<b>Total Hours</b>		<b>18</b>

## Additional OSU Requirements Undergraduate Minors

- An undergraduate minor must include between fifteen and thirty hours, inclusive of undergraduate coursework.
- A minimum of six credit hours for the minor must be earned in residence at OSU.
- The courses required for a minor may be included in the course requirements for any undergraduate degree or they may be in addition to degree requirements, depending on the overlap between the minor and degree requirements. However, an undergraduate minor must be earned in an academic field other than the student's declared degree option. The minor may not duplicate the degree major or option (for example, a student who earns a BA in Art with an Art History option may earn a minor in Studio Art but not Art History).
- A student generally follows the minor requirements associated with his or her matriculation year or newer requirements that have been established since matriculation. The time limit for following requirements from a given academic year is six years.

For additional information on requirements on minors, click here (<https://adminfinance.okstate.edu/site-files/documents/policies/requirements-for-undergraduate-and-graduate-minors.pdf>).



## Sociology, BA

### Degree Requirements

**Requirements for Students Matriculating in or before Academic Year 2022-2023.** Learn more about University Academic Regulation 3.1 (p. 943).

**Minimum Overall Grade Point Average:** 2.00

**Total Hours:** 120

Code	Title	Hours
<b>General Education Requirements</b>		
<i>English Composition</i>		
See Academic Regulation 3.5 (p. 944)		
ENGL 1113 or ENGL 1313	Composition I Critical Analysis and Writing I	3
ENGL 1213 or ENGL 1413 or ENGL 3323	Composition II Critical Analysis and Writing II Technical Writing	3
<i>American History &amp; Government</i>		
HIST 1103 or HIST 1483 or HIST 1493	Survey of American History American History to 1865 (H) American History Since 1865 (DH)	3
POLS 1113	American Government	3
<i>Analytical &amp; Quantitative Thought (A)</i>		
STAT 2013 or STAT 2053	Elementary Statistics (A) Elementary Statistics for the Social Sciences (A)	3
<i>Humanities (H)</i>		
Courses designated (H)		6
<i>Natural Sciences (N)</i>		
Must include one Laboratory Science (L) course		
Courses designated (N)		6
<i>Social &amp; Behavioral Sciences (S)</i>		
Course designated (S)		3
<i>Additional General Education</i>		
Courses designated (A), (H), (N), or (S)		10
<b>Hours Subtotal</b>		<b>40</b>
<b>Diversity (D) &amp; International Dimension (I)</b>		
May be completed in any part of the degree plan		
Select at least one Diversity (D) course		
Select at least one International Dimension (I) course		
<b>College/Departmental Requirements</b>		
<i>First Year Seminar</i>		
(Transfer students with 15 hours exempt)		1
<i>Arts &amp; Humanities</i>		
See note 2.a.		9
<i>Natural &amp; Mathematical Sciences</i>		
See note 2.b.		3
<i>Foreign Language</i>		
See note 3		9
<i>Non-Western Studies</i>		
At least one course		
See note 2.d.		

#### Upper-Division General Education

Select 6 hours outside major department

See note 2.c.

**Hours Subtotal** 22

#### Major Requirements

Minimum major GPA 2.50 in major block.

Minimum GPA in all SOC/ANTH courses 2.50 with a minimum grade of "C" in all SOC/ANTH courses.

Minimum 30 hours of courses with SOC/ANTH prefix.

#### Core Requirements

SOC 1113 Introductory Sociology (S) 3

SOC 2123 Social Problems (DS) 3

or ANTH 3353 Cultural Anthropology (IS)

SOC 3113 Theoretical Thinking in Sociology 3

SOC 4133 Social Research Methods 3

SOC 4243 Quantitative Methods in Sociology 3

Select 6 hours of the following: 6

SOC 3133 Racial and Ethnic Relations (DS)

SOC 3993 Sociology of Aging (DS)

SOC 4213 Sociology of Sexualities (S)

SOC 4383 Social Stratification (S)

SOC 4643 Sociology of Gender (S)

Select 15 hours of upper-division SOC/ANTH 15

Select 9 hours of upper-division courses (not SOC/ANTH) 9

**Hours Subtotal** 45

#### Electives

Select 13 hours 13

May need to include 6 hours upper-division general education outside major department (see note 2.c.) and 1 additional upper-division hour.

**Hours Subtotal** 13

**Total Hours** 120

### Other Requirements

- See the College of Arts and Sciences Requirements.
- **Upper-Division Credit:** Total hours must include at least 40 hours in courses numbered 3000 or above.
- **Hours in One Department:** For B.A. and B.S. degrees, no more than 54 hours in one department may be applied to degree requirements.

### College of Arts and Sciences Requirements

#### 1. General Education Requirements

No more than two courses (or eight hours) from the major department (<http://catalog.okstate.edu/college-arts-sciences-major-departments/>) may be used to meet General Education and College and Departmental Requirements. The General Education required English Composition, required U.S. History, required American Government, one required MATH or STAT course, and required foreign language for B.A. degrees do not count against the two-course maximum.

#### 2. A&S College/Departmental Requirements

- Arts and Humanities are defined as any course carrying an (H) designation or courses from AMST, ART, DANC, ENGL

(except ENGL 3323 Technical Writing) HIST, MUSI, PHIL (except PHIL 1313 Logic and Critical Thinking (A), PHIL 3003 Symbolic Logic (A) and PHIL 4003 Mathematical Logic and Computability), REL, TH, and foreign languages.

- b. Natural and Mathematical Sciences are defined as any course from the following prefixes: ASTR, BIOC, BIOL, CHEM, CS (except CS 4883 Social Issues in Computing), GEOL, MATH, MICR, P BIO, PHYS, and STAT; or courses from other departments that carry an (A) or (N) general education designation.
- c. The required six hours of upper-division General Education may not include courses from the student's major department. This requirement may be satisfied by courses also used to satisfy any part of a student's degree program (i.e., in General Education, College Departmental Requirements, Major Requirements or Electives).
- d. Non-Western Studies Requirement for B.A. and B.F.A.; One 3-hour course in Non-Western Studies (N.W.). This requirement may be satisfied by courses also used to satisfy any part of a student's degree program (i.e., in General Education, College Departmental Requirements, Major Requirements or Electives).
- e. The College of Arts & Sciences requires a minimum 2.0 GPA in all major requirements and a minimum 2.0 GPA in all major-prefix courses applied to the degree.

**3. Foreign Language Proficiency**

- a. The foreign language requirement for the B.A. may be satisfied by 9 hours college credit in the same language, which must include 3 hours at the 2000-level, or equivalent proficiency (e.g., passing an advanced standing examination; TOEFL exam; presenting a high school transcript which demonstrates the high school was primarily conducted in a language other than English; etc.). Computer Science courses may not be used to satisfy this requirement. Currently Arabic and Mvskoke are not offered at the 2000-level at OSU.
- b. The foreign language requirement for the B.S., B.M. and B.F.A. may be satisfied by presenting a high school transcript which demonstrates two years of study of a single foreign language (passing grades at second-year level of study). It may also be satisfied by 6 hours college credit in the same language, which must include language courses 1713 and 1813, or equivalent proficiency (e.g., passing an advanced standing examination; TOEFL exam; presenting a high school transcript which demonstrates the high school was primarily conducted in a language other than English; etc.). Computer Science courses may not be used to satisfy this requirement.
- c. In addition to a. and b., students pursuing teacher certification must meet novice-high foreign language proficiency by presenting a high school transcript which demonstrates two years of study of a single foreign language with no grade below B. Or, students may complete 3 hours college credit in a single language with no grade below C (or pass an advanced standing examination, College Level Examination Program (CLEP) exam, or Oral Proficiency Interview developed by the American Council on the Teaching of Foreign Languages, equivalent to 3 hours of college credit.) Or, students may meet the requirement by transfer of documentation of meeting the foreign language competency from one of the teacher education programs in the State of Oklahoma approved by the Oklahoma State Regents for Higher Education.

**4. Exclusions**

- a. Courses used to satisfy the General Education English Composition, U.S. History, American Government, and Mathematics or Statistics requirements will not count toward the 54-hour maximum allowed from one department.
- b. Courses with ATHL or LEIS prefixes and leisure activity courses may not be used for degree credit.

**Additional State/OSU Requirements**

- At least: 60 hours at a four-year institution; 30 hours completed at OSU; 15 of the final 30 or 50% of the upper-division hours in the major field completed at OSU.
- Limit of: one-half of major course requirements as transfer work; one-fourth of hours earned by correspondence; 8 transfer correspondence hours.
- Students will be held responsible for degree requirements in effect at the time of matriculation and any changes that are made, so long as these changes do not result in semester credit hours being added or do not delay graduation.
- Degrees that follow this plan must be completed by the end of Summer 2028.

**Example Plan of Study**

**Finish in Four Plan of Study**

The plan below is an **example** of how students can successfully complete degree requirements in four years. This suggested class schedule plan may be used as a guide and can be adjusted based on individual needs. Students are required to meet with an academic advisor prior to enrollment each semester to plan their class schedule, and students are ultimately responsible for completing all degree requirements.

Course	Title	Hours
<b>Freshman</b>		
<b>Fall</b>		
STAT 2053 or STAT 2013	Elementary Statistics for the Social Sciences (A) or Elementary Statistics (A)	3
SOC 1113	Introductory Sociology (S)	3
1713	First Semester Foreign Language	3
General Education courses		5
<b>Hours</b>		<b>14</b>
<b>Spring</b>		
SOC 2123	Social Problems (DS)	3
1813	Second Semester Foreign Language	3
General Education courses		10
<b>Hours</b>		<b>16</b>
<b>Sophomore</b>		
<b>Fall</b>		
2000-level Foreign Language		3
General Education courses		12
<b>Hours</b>		<b>15</b>
<b>Spring</b>		
Major, College, and Elective courses		15
<b>Hours</b>		<b>15</b>
<b>Junior</b>		
<b>Fall</b>		
SOC 3113	Theoretical Thinking in Sociology	3
Major, College, and Elective courses		12
<b>Hours</b>		<b>15</b>
<b>Spring</b>		
SOC 4133	Social Research Methods	3

Major, College, and Elective courses	12
<b>Hours</b>	<b>15</b>
<b>Senior</b>	
<b>Fall</b>	
SOC 4243            Quantitative Methods in Sociology	3
Major, College, and Elective courses	12
<b>Hours</b>	<b>15</b>
<b>Spring</b>	
Major, College, and Elective courses	15
<b>Hours</b>	<b>15</b>
<b>Total Hours</b>	<b>120</b>

## Sociology, BS

### Degree Requirements

**Requirements for Students Matriculating in or before Academic Year 2022-2023.** Learn more about University Academic Regulation 3.1 (p. 943).

**Minimum Overall Grade Point Average: 2.00**

**Total Hours: 120**

Code	Title	Hours
<b>General Education Requirements</b>		
<i>English Composition</i>		
See Academic Regulation 3.5 (p. 944)		
ENGL 1113 or ENGL 1313	Composition I Critical Analysis and Writing I	3
ENGL 1213 or ENGL 1413 or ENGL 3323	Composition II Critical Analysis and Writing II Technical Writing	3
<i>American History &amp; Government</i>		
HIST 1103 or HIST 1483 or HIST 1493	Survey of American History American History to 1865 (H) American History Since 1865 (DH)	3
POLS 1113	American Government	3
<i>Analytical &amp; Quantitative Thought (A)</i>		
STAT 2013 or STAT 2053	Elementary Statistics (A) Elementary Statistics for the Social Sciences (A)	3
<i>Humanities (H)</i>		
Courses designated (H)		6
<i>Natural Sciences (N)</i>		
Must include one Laboratory Science (L) course		
Courses designated (N)		6
<i>Social &amp; Behavioral Sciences (S)</i>		
Course designated (S)		3
<i>Additional General Education</i>		
Courses designated (A), (H), (N), or (S)		10
<b>Hours Subtotal</b>		<b>40</b>
<b>Diversity (D) &amp; International Dimension (I)</b>		
May be completed in any part of the degree plan		
Select at least one Diversity (D) course		
Select at least one International Dimension (I) course		
<b>College/Departmental Requirements</b>		
<i>First Year Seminar</i>		
(Transfer students with 15 hours exempt)		1
<i>Arts &amp; Humanities</i>		
See note 2.a.		3
<i>Natural &amp; Mathematical Sciences</i>		
See note 2.b.		9
<i>Foreign Language</i>		
See note 3		
0-6 hours		
<i>Upper-Division General Education</i>		
Select 6 hours outside major department		

See note 2.c.

<b>Hours Subtotal</b>	<b>13</b>
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#### Major Requirements

Minimum GPA 2.50.

Minimum GPA in all SOC/ANTH courses 2.50 with a minimum grade of "C" in all SOC/ANTH courses.

Minimum 30 hours of courses with SOC/ANTH prefix.

#### Core Requirements

SOC 1113	Introductory Sociology (S)	3
SOC 2123 or ANTH 3353	Social Problems (DS) Cultural Anthropology (IS)	3
SOC 3113	Theoretical Thinking in Sociology	3
SOC 4133	Social Research Methods	3
SOC 4243	Quantitative Methods in Sociology	3
Select 6 hours of the following:		6
SOC 3133	Racial and Ethnic Relations (DS)	
SOC 3993	Sociology of Aging (DS)	
SOC 4213	Sociology of Sexualities (S)	
SOC 4383	Social Stratification (S)	
SOC 4643	Sociology of Gender (S)	

Select 15 hours of upper-division SOC/ANTH

Select 9 hours of upper-division courses (not SOC/ANTH) <sup>1</sup>

<b>Hours Subtotal</b>	<b>45</b>
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#### Electives

Select 22 hours. <sup>1</sup>

May need to include 6 hours of a foreign language. See note 3.

May need to include 6 hours upper-division general education outside major department (see note 2.c.).

<b>Hours Subtotal</b>	<b>22</b>
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<b>Total Hours</b>	<b>120</b>
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1

With approval from the advisor and department head, a maximum of 30 hours from an accredited doctoral law or health program may be used for these areas.

### Other Requirements

- See the College of Arts and Sciences Requirements.
- Upper-Division Credit:** Total hours must include at least 40 hours in courses numbered 3000 or above.
- Hours in One Department:** For B.A. and B.S. degrees, no more than 54 hours in one department may be applied to degree requirements.

### College of Arts and Sciences Requirements

#### 1. General Education Requirements

No more than two courses (or eight hours) from the major department (<http://catalog.okstate.edu/college-arts-sciences-major-departments/>) may be used to meet General Education and College and Departmental Requirements. The General Education required English Composition, required U.S. History, required American Government, one required MATH or STAT course, and required foreign language for B.A. degrees do not count against the two-course maximum.

## 2. A&S College/Departmental Requirements

- Arts and Humanities are defined as any course carrying an (H) designation or courses from AMST, ART, DANC, ENGL (except ENGL 3323 Technical Writing) HIST, MUSI, PHIL (except PHIL 1313 Logic and Critical Thinking (A), PHIL 3003 Symbolic Logic (A) and PHIL 4003 Mathematical Logic and Computability), REL, TH, and foreign languages.
- Natural and Mathematical Sciences are defined as any course from the following prefixes: ASTR, BIOC, BIOL, CHEM, CS (except CS 4883 Social Issues in Computing), GEOL, MATH, MICR, PBIO, PHYS, and STAT; or courses from other departments that carry an (A) or (N) general education designation.
- The required six hours of upper-division General Education may not include courses from the student's major department. This requirement may be satisfied by courses also used to satisfy any part of a student's degree program (i.e., in General Education, College Departmental Requirements, Major Requirements or Electives).
- Non-Western Studies Requirement for B.A. and B.F.A.; One 3-hour course in Non-Western Studies (N.W.). This requirement may be satisfied by courses also used to satisfy any part of a student's degree program (i.e., in General Education, College Departmental Requirements, Major Requirements or Electives).
- The College of Arts & Sciences requires a minimum 2.0 GPA in all major requirements and a minimum 2.0 GPA in all major-prefix courses applied to the degree.

## 3. Foreign Language Proficiency

- The foreign language requirement for the B.A. may be satisfied by 9 hours college credit in the same language, which must include 3 hours at the 2000-level, or equivalent proficiency (e.g., passing an advanced standing examination; TOEFL exam; presenting a high school transcript which demonstrates the high school was primarily conducted in a language other than English; etc.). Computer Science courses may not be used to satisfy this requirement. Currently Arabic and Mvskoke are not offered at the 2000-level at OSU.
- The foreign language requirement for the B.S., B.M. and B.F.A. may be satisfied by presenting a high school transcript which demonstrates two years of study of a single foreign language (passing grades at second-year level of study). It may also be satisfied by 6 hours college credit in the same language, which must include language courses 1713 and 1813, or equivalent proficiency (e.g., passing an advanced standing examination; TOEFL exam; presenting a high school transcript which demonstrates the high school was primarily conducted in a language other than English; etc.). Computer Science courses may not be used to satisfy this requirement.
- In addition to a. and b., students pursuing teacher certification must meet novice-high foreign language proficiency by presenting a high school transcript which demonstrates two years of study of a single foreign language with no grade below B. Or, students may complete 3 hours college credit in a single language with no grade below C (or pass an advanced standing examination, College Level Examination Program (CLEP) exam, or Oral Proficiency Interview developed by the American Council on the Teaching of Foreign Languages, equivalent to 3 hours of college credit.) Or, students may meet the requirement by transfer of documentation of meeting the foreign language competency from one of the teacher education programs in the State of

Oklahoma approved by the Oklahoma State Regents for Higher Education.

## 4. Exclusions

- Courses used to satisfy the General Education English Composition, U.S. History, American Government, and Mathematics or Statistics requirements will not count toward the 54-hour maximum allowed from one department.
- Courses with ATHL or LEIS prefixes and leisure activity courses may not be used for degree credit.

## Additional State/OSU Requirements

- At least: 60 hours at a four-year institution; 30 hours completed at OSU; 15 of the final 30 or 50% of the upper-division hours in the major field completed at OSU.
- Limit of: one-half of major course requirements as transfer work; one-fourth of hours earned by correspondence; 8 transfer correspondence hours.
- Students will be held responsible for degree requirements in effect at the time of matriculation and any changes that are made, so long as these changes do not result in semester credit hours being added or do not delay graduation.
- Degrees that follow this plan must be completed by the end of Summer 2028.

## Example Plan of Study

### Finish in Four Plan of Study

The plan below is an **example** of how students can successfully complete degree requirements in four years. This suggested class schedule plan may be used as a guide and can be adjusted based on individual needs. Students are required to meet with an academic advisor prior to enrollment each semester to plan their class schedule, and students are ultimately responsible for completing all degree requirements.

Course	Title	Hours
<b>Freshman</b>		
<b>Fall</b>		
STAT 2053 or STAT 2013	Elementary Statistics for the Social Sciences (A) or Elementary Statistics (A)	3
SOC 1113	Introductory Sociology (S)	3
General Education courses		10
<b>Hours</b>		<b>16</b>
<b>Spring</b>		
SOC 2123	Social Problems (DS)	3
General Education courses		11
<b>Hours</b>		<b>14</b>
<b>Sophomore</b>		
<b>Fall</b>		
General Education courses		15
<b>Hours</b>		<b>15</b>
<b>Spring</b>		
Major, College, and Elective courses		15
<b>Hours</b>		<b>15</b>
<b>Junior</b>		
<b>Fall</b>		
SOC 3113	Theoretical Thinking in Sociology	3
Major, College, and Elective courses		12
<b>Hours</b>		<b>15</b>
<b>Spring</b>		
SOC 4133	Social Research Methods	3

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Major, College, and Elective courses	12
<b>Hours</b>	<b>15</b>
<b>Senior</b>	
<b>Fall</b>	
SOC 4243 Quantitative Methods in Sociology	3
Major, College, and Elective courses	12
<b>Hours</b>	<b>15</b>
<b>Spring</b>	
Major, College, and Elective courses	15
<b>Hours</b>	<b>15</b>
<b>Total Hours</b>	<b>120</b>



# Sociology: Anthropology, BA

## Degree Requirements

**Requirements for Students Matriculating in or before Academic Year 2022-2023.** Learn more about University Academic Regulation 3.1 (p. 943).

**Minimum Overall Grade Point Average:** 2.00

**Total Hours:** 120

Code	Title	Hours
<b>General Education Requirements</b>		
<i>English Composition</i>		
See Academic Regulation 3.5 (p. 944)		
ENGL 1113	Composition I	3
or ENGL 1313	Critical Analysis and Writing I	
ENGL 1213	Composition II	3
or ENGL 1413	Critical Analysis and Writing II	
or ENGL 3323	Technical Writing	
<i>American History &amp; Government</i>		
HIST 1103	Survey of American History	3
or HIST 1483	American History to 1865 (H)	
or HIST 1493	American History Since 1865 (DH)	
POLS 1113	American Government	3
<i>Analytical &amp; Quantitative Thought (A)</i>		
STAT 2013	Elementary Statistics (A)	3
or STAT 2053	Elementary Statistics for the Social Sciences (A)	
<i>Humanities (H)</i>		
Courses designated (H)		6
<i>Natural Sciences (N)</i>		
Must include one Laboratory Science (L) course		
Courses designated (N)		6
<i>Social &amp; Behavioral Sciences (S)</i>		
Course designated (S)		3
<i>Additional General Education</i>		
Courses designated (A), (H), (N), or (S)		10
<b>Hours Subtotal</b>		<b>40</b>

### Diversity (D) & International Dimension (I)

May be completed in any part of the degree plan

Select at least one Diversity (D) course

Select at least one International Dimension (I) course

### College/Departmental Requirements

#### First Year Seminar

(Transfer students with 15 hours exempt) 1

#### Arts & Humanities

See note 2.a. 9

#### Natural & Mathematical Sciences

See note 2.b. 3

#### Foreign Language

See note 3 9

#### Non-Western Studies

At least one course

See note 2.d.

### Upper-Division General Education

Select 6 hours outside major department

See note 2.c.

**Hours Subtotal** 22

### Major Requirements

Minimum GPA in all SOC/ANTH courses 2.50 with a minimum grade of "C" in all SOC/ANTH courses.

Minimum 30 hours of courses with SOC/ANTH prefix.

#### Core Requirements

ANTH 2353	Introduction to Biological Anthropology (N)	3
ANTH 2883	Introduction to Archaeology (S)	3
ANTH 3353	Cultural Anthropology (IS)	3
SOC 1113	Introductory Sociology (S)	3
SOC 3113	Theoretical Thinking in Sociology	3
SOC 4133	Social Research Methods	3
SOC 4243	Quantitative Methods in Sociology	3
Select 3 hours of the following:		3
SOC 3133	Racial and Ethnic Relations (DS)	
SOC 3993	Sociology of Aging (DS)	
SOC 4213	Sociology of Sexualities (S)	
SOC 4383	Social Stratification (S)	
SOC 4643	Sociology of Gender (S)	

Select 6 hours of upper-division SOC 6

Select 6 hours of upper-division ANTH 6

Select 12 hours upper-division related courses of the following: 12

ART 3733	History of Latin American Art I	
ART 4603	History of Ancient Egyptian Art	
ART 4763	Native American Art and Material Culture	
BIOL 3113	Human Evolution (N)	
BIOL 3123	Human Heredity (N)	
GEOG 3053	Introduction to Central Asia Studies (IS)	
GEOG 3243	Legal Geography of Native America, Sovereign Tribal Nations, and Indian Country (DS)	
GEOG 3783	The Middle East (IS)	
GEOG 3793	Australia and the Pacific Realm (IS)	
GEOG 4333	Remote Sensing	
GEOG 4353	Geographic Information Systems: Socioeconomic Applications	
HIST 3013	Ancient Egypt and Israel (H)	
HIST 3023	Ancient Greece (H)	
HIST 3133	African Diaspora History (DH)	
HIST 3443	Gender Relations in Chinese History (H)	
HIST 3453	Colonial Latin America (H)	
HIST 3503	Medieval Islamic History (H)	
HIST 3513	Modern Middle East (HI)	
HIST 3543	Israel & Palestine in Modern Times (HI)	
HIST 3763	American Southwest (DH)	
HIST 3793	Native American History (DH)	
HIST 4063	Historic Preservation	
HIST 4493	Frontier in American Memory (H)	
HIST 4523	American Environmental History (H)	
HIST 4980	Topics in History	

MUSI 3573	America's Ethnic Music (DH)
MUSI 3583	Traditional World Music (H)
PHIL 3943	Asian Philosophy (HI)
POLS 3953	Minorities in the American Political System (DS)
POLS 3973	Race, Politics and Sports (D)
REL 3573	The Religions of Native Americans (DH)
SOC 3133	Racial and Ethnic Relations (DS)
SOC 4433	Environmental Sociology (S)
SOC 4453	Environmental Inequality (S)
SOC 4653	Gender and the Middle East (IS)
SOC 4990	Exploration of Sociological Issues
<b>Hours Subtotal</b>	<b>48</b>
<b>Electives</b>	
Select 10 hours	10
May need to include 6 hours upper-division general education outside major department (see note 2.c.) and 1 additional upper-division hour	
<b>Hours Subtotal</b>	<b>10</b>
<b>Total Hours</b>	<b>120</b>

## Other Requirements

- See the College of Arts and Sciences Requirements.
- **Upper-Division Credit:** Total hours must include at least 40 hours in courses numbered 3000 or above.
- **Hours in One Department:** For B.A. and B.S. degrees, no more than 54 hours in one department may be applied to degree requirements.

## College of Arts and Sciences Requirements

### 1. General Education Requirements

No more than two courses (or eight hours) from the major department (<http://catalog.okstate.edu/college-arts-sciences-major-departments/>) may be used to meet General Education and College and Departmental Requirements. The General Education required English Composition, required U.S. History, required American Government, one required MATH or STAT course, and required foreign language for B.A. degrees do not count against the two-course maximum.

### 2. A&S College/Departmental Requirements

- Arts and Humanities are defined as any course carrying an (H) designation or courses from AMST, ART, DANC, ENGL (except ENGL 3323 Technical Writing) HIST, MUSI, PHIL (except PHIL 1313 Logic and Critical Thinking (A), PHIL 3003 Symbolic Logic (A) and PHIL 4003 Mathematical Logic and Computability), REL, TH, and foreign languages.
- Natural and Mathematical Sciences are defined as any course from the following prefixes: ASTR, BIOC, BIOL, CHEM, CS (except CS 4883 Social Issues in Computing), GEOL, MATH, MICR, PBIO, PHYS, and STAT; or courses from other departments that carry an (A) or (N) general education designation.
- The required six hours of upper-division General Education may not include courses from the student's major department. This requirement may be satisfied by courses also used to satisfy any part of a student's degree program (i.e., in General Education,

College Departmental Requirements, Major Requirements or Electives).

- Non-Western Studies Requirement for B.A. and B.F.A.; One 3-hour course in Non-Western Studies (N.W.). This requirement may be satisfied by courses also used to satisfy any part of a student's degree program (i.e., in General Education, College Departmental Requirements, Major Requirements or Electives).
  - The College of Arts & Sciences requires a minimum 2.0 GPA in all major requirements and a minimum 2.0 GPA in all major-prefix courses applied to the degree.
- ### 3. Foreign Language Proficiency
- The foreign language requirement for the B.A. may be satisfied by 9 hours college credit in the same language, which must include 3 hours at the 2000-level, or equivalent proficiency (e.g., passing an advanced standing examination; TOEFL exam; presenting a high school transcript which demonstrates the high school was primarily conducted in a language other than English; etc.). Computer Science courses may not be used to satisfy this requirement. Currently Arabic and Mvskoke are not offered at the 2000-level at OSU.
  - The foreign language requirement for the B.S., B.M. and B.F.A. may be satisfied by presenting a high school transcript which demonstrates two years of study of a single foreign language (passing grades at second-year level of study). It may also be satisfied by 6 hours college credit in the same language, which must include language courses 1713 and 1813, or equivalent proficiency (e.g., passing an advanced standing examination; TOEFL exam; presenting a high school transcript which demonstrates the high school was primarily conducted in a language other than English; etc.). Computer Science courses may not be used to satisfy this requirement.
  - In addition to a. and b., students pursuing teacher certification must meet novice-high foreign language proficiency by presenting a high school transcript which demonstrates two years of study of a single foreign language with no grade below B. Or, students may complete 3 hours college credit in a single language with no grade below C (or pass an advanced standing examination, College Level Examination Program (CLEP) exam, or Oral Proficiency Interview developed by the American Council on the Teaching of Foreign Languages, equivalent to 3 hours of college credit.) Or, students may meet the requirement by transfer of documentation of meeting the foreign language competency from one of the teacher education programs in the State of Oklahoma approved by the Oklahoma State Regents for Higher Education.

### 4. Exclusions

- Courses used to satisfy the General Education English Composition, U.S. History, American Government, and Mathematics or Statistics requirements will not count toward the 54-hour maximum allowed from one department.
- Courses with ATHL or LEIS prefixes and leisure activity courses may not be used for degree credit.

## Additional State/OSU Requirements

- At least: 60 hours at a four-year institution; 30 hours completed at OSU; 15 of the final 30 or 50% of the upper-division hours in the major field completed at OSU.
- Limit of: one-half of major course requirements as transfer work; one-fourth of hours earned by correspondence; 8 transfer correspondence hours.

- Students will be held responsible for degree requirements in effect at the time of matriculation and any changes that are made, so long as these changes do not result in semester credit hours being added or do not delay graduation.
- Degrees that follow this plan must be completed by the end of Summer 2028.

## Example Plan of Study

### Finish in Four Plan of Study

The plan below is an **example** of how students can successfully complete degree requirements in four years. This suggested class schedule plan may be used as a guide and can be adjusted based on individual needs. Students are required to meet with an academic advisor prior to enrollment each semester to plan their class schedule, and students are ultimately responsible for completing all degree requirements.

Course	Title	Hours
<b>Freshman</b>		
<b>Fall</b>		
STAT 2053 or STAT 2013	Elementary Statistics for the Social Sciences (A) or Elementary Statistics (A)	3
SOC 1113	Introductory Sociology (S)	3
1713 First Semester Foreign Language		3
General Education courses		5
<b>Hours</b>		<b>14</b>
<b>Spring</b>		
ANTH 2353	Introduction to Biological Anthropology (N)	3
1813 Second Semester Foreign Language		3
General Education courses		10
<b>Hours</b>		<b>16</b>
<b>Sophomore</b>		
<b>Fall</b>		
ANTH 2883	Introduction to Archaeology (S)	3
2000-level Foreign Language		3
General Education courses		9
<b>Hours</b>		<b>15</b>
<b>Spring</b>		
Major, College, and Elective courses		15
<b>Hours</b>		<b>15</b>
<b>Junior</b>		
<b>Fall</b>		
SOC 3113	Theoretical Thinking in Sociology	3
ANTH 3353	Cultural Anthropology (IS)	3
Major, College, and Elective courses		9
<b>Hours</b>		<b>15</b>
<b>Spring</b>		
SOC 4133	Social Research Methods	3
Major, College, and Elective courses		12
<b>Hours</b>		<b>15</b>
<b>Senior</b>		
<b>Fall</b>		
SOC 4243	Quantitative Methods in Sociology	3
Major, College, and Elective courses		12
<b>Hours</b>		<b>15</b>
<b>Spring</b>		
Major, College, and Elective courses		15
<b>Hours</b>		<b>15</b>
<b>Total Hours</b>		<b>120</b>

# Sociology: Anthropology, BS

## Degree Requirements

**Requirements for Students Matriculating in or before Academic Year 2022-2023.** Learn more about University Academic Regulation 3.1 (p. 943).

**Minimum Overall Grade Point Average:** 2.00

**Total Hours:** 120

Code	Title	Hours
<b>General Education Requirements</b>		
<i>English Composition</i>		
See Academic Regulation 3.5 (p. 944)		
ENGL 1113	Composition I	3
or ENGL 1313	Critical Analysis and Writing I	
ENGL 1213	Composition II	3
or ENGL 1413	Critical Analysis and Writing II	
or ENGL 3323	Technical Writing	
<i>American History &amp; Government</i>		
HIST 1103	Survey of American History	3
or HIST 1483	American History to 1865 (H)	
or HIST 1493	American History Since 1865 (DH)	
POLS 1113	American Government	3
<i>Analytical &amp; Quantitative Thought (A)</i>		
STAT 2013	Elementary Statistics (A)	3
or STAT 2053	Elementary Statistics for the Social Sciences (A)	
<i>Humanities (H)</i>		
Courses designated (H)		6
<i>Natural Sciences (N)</i>		
Must include one Laboratory Science (L) course		
Courses designated (N)		6
<i>Social &amp; Behavioral Sciences (S)</i>		
Course designated (S)		3
<i>Additional General Education</i>		
Courses designated (A), (H), (N), or (S)		10
<b>Hours Subtotal</b>		<b>40</b>
<b>Diversity (D) &amp; International Dimension (I)</b>		
May be completed in any part of the degree plan		
Select at least one Diversity (D) course		
Select at least one International Dimension (I) course		
<b>College/Departmental Requirements</b>		
<i>First Year Seminar</i>		
(Transfer students with 15 hours exempt)		1
<i>Arts &amp; Humanities</i>		
See note 2.a.		3
<i>Natural &amp; Mathematical Sciences</i>		
See note 2.b.		9
<i>Foreign Language</i>		
See note 3.		0
0-6 hours		
<i>Upper-Division General Education</i>		
Select 6 hours outside major department		

See note 2.c.

<b>Hours Subtotal</b>		<b>13</b>
<b>Major Requirements</b>		
Minimum GPA 2.50.		
Minimum GPA in all SOC/ANTH courses 2.50 with a minimum grade of "C" in all SOC/ANTH courses.		
Minimum 30 hours of courses with SOC/ANTH prefix.		
<i>Core Requirements</i>		
ANTH 2353	Introduction to Biological Anthropology (N)	3
ANTH 2883	Introduction to Archaeology (S)	3
ANTH 3353	Cultural Anthropology (IS)	3
SOC 1113	Introductory Sociology (S)	3
SOC 3113	Theoretical Thinking in Sociology	3
SOC 4133	Social Research Methods	3
SOC 4243	Quantitative Methods in Sociology	3
Select 3 hours of the following:		3
SOC 3133	Racial and Ethnic Relations (DS)	
SOC 3993	Sociology of Aging (DS)	
SOC 4213	Sociology of Sexualities (S)	
SOC 4383	Social Stratification (S)	
SOC 4643	Sociology of Gender (S)	
Select 6 hours of upper-division SOC		6
Select 6 hours of upper-division ANTH		6
Select 12 hours of upper-division related courses from the following:		12
ART 3733	History of Latin American Art I	
ART 4603	History of Ancient Egyptian Art	
ART 4763	Native American Art and Material Culture	
BIOL 3113	Human Evolution (N)	
BIOL 3123	Human Heredity (N)	
GEOG 3053	Introduction to Central Asia Studies (IS)	
GEOG 3243	Legal Geography of Native America, Sovereign Tribal Nations, and Indian Country (DS)	
GEOG 3783	The Middle East (IS)	
GEOG 3793	Australia and the Pacific Realm (IS)	
GEOG 4333	Remote Sensing	
GEOG 4353	Geographic Information Systems: Socioeconomic Applications	
HIST 3013	Ancient Egypt and Israel (H)	
HIST 3023	Ancient Greece (H)	
HIST 3133	African Diaspora History (DH)	
HIST 3443	Gender Relations in Chinese History (H)	
HIST 3453	Colonial Latin America (H)	
HIST 3503	Medieval Islamic History (H)	
HIST 3513	Modern Middle East (HI)	
HIST 3543	Israel & Palestine in Modern Times (HI)	
HIST 3763	American Southwest (DH)	
HIST 3793	Native American History (DH)	
HIST 4063	Historic Preservation	
HIST 4493	Frontier in American Memory (H)	
HIST 4523	American Environmental History (H)	
HIST 4980	Topics in History	

MUSI 3573	America's Ethnic Music (DH)	
MUSI 3583	Traditional World Music (H)	
PHIL 3943	Asian Philosophy (HI)	
POLS 3953	Minorities in the American Political System (DS)	
POLS 3973	Race, Politics and Sports (D)	
REL 3573	The Religions of Native Americans (DH)	
SOC 3133	Racial and Ethnic Relations (DS)	
SOC 4433	Environmental Sociology (S)	
SOC 4453	Environmental Inequality (S)	
SOC 4653	Gender and the Middle East (IS)	
SOC 4990	Exploration of Sociological Issues	
<b>Hours Subtotal</b>		<b>48</b>
<b>Electives</b>		
Select 19 hours		19
May need to include 6 hours of a foreign language. See note 3.		
May need to include 6 hours upper-division general education outside major department (see note 2.c.).		
<b>Hours Subtotal</b>		<b>19</b>
<b>Total Hours</b>		<b>120</b>

## Other Requirements

- See the College of Arts and Sciences Requirements.
- **Upper-Division Credit:** Total hours must include at least 40 hours in courses numbered 3000 or above.
- **Hours in One Department:** For B.A. and B.S. degrees, no more than 54 hours in one department may be applied to degree requirements.

## College of Arts and Sciences Requirements

### 1. General Education Requirements

No more than two courses (or eight hours) from the major department (<http://catalog.okstate.edu/college-arts-sciences-major-departments/>) may be used to meet General Education and College and Departmental Requirements. The General Education required English Composition, required U.S. History, required American Government, one required MATH or STAT course, and required foreign language for B.A. degrees do not count against the two-course maximum.

### 2. A&S College/Departmental Requirements

- Arts and Humanities are defined as any course carrying an (H) designation or courses from AMST, ART, DANC, ENGL (except ENGL 3323 Technical Writing) HIST, MUSI, PHIL (except PHIL 1313 Logic and Critical Thinking (A), PHIL 3003 Symbolic Logic (A) and PHIL 4003 Mathematical Logic and Computability), REL, TH, and foreign languages.
- Natural and Mathematical Sciences are defined as any course from the following prefixes: ASTR, BIOC, BIOL, CHEM, CS (except CS 4883 Social Issues in Computing), GEOL, MATH, MICR, PBIO, PHYS, and STAT; or courses from other departments that carry an (A) or (N) general education designation.
- The required six hours of upper-division General Education may not include courses from the student's major department. This requirement may be satisfied by courses also used to satisfy any part of a student's degree program (i.e., in General Education,

College Departmental Requirements, Major Requirements or Electives).

- Non-Western Studies Requirement for B.A. and B.F.A.; One 3-hour course in Non-Western Studies (N.W.). This requirement may be satisfied by courses also used to satisfy any part of a student's degree program (i.e., in General Education, College Departmental Requirements, Major Requirements or Electives).
- The College of Arts & Sciences requires a minimum 2.0 GPA in all major requirements and a minimum 2.0 GPA in all major-prefix courses applied to the degree.

### 3. Foreign Language Proficiency

- The foreign language requirement for the B.A. may be satisfied by 9 hours college credit in the same language, which must include 3 hours at the 2000-level, or equivalent proficiency (e.g., passing an advanced standing examination; TOEFL exam; presenting a high school transcript which demonstrates the high school was primarily conducted in a language other than English; etc.). Computer Science courses may not be used to satisfy this requirement. Currently Arabic and Mvskoke are not offered at the 2000-level at OSU.
- The foreign language requirement for the B.S., B.M. and B.F.A. may be satisfied by presenting a high school transcript which demonstrates two years of study of a single foreign language (passing grades at second-year level of study). It may also be satisfied by 6 hours college credit in the same language, which must include language courses 1713 and 1813, or equivalent proficiency (e.g., passing an advanced standing examination; TOEFL exam; presenting a high school transcript which demonstrates the high school was primarily conducted in a language other than English; etc.). Computer Science courses may not be used to satisfy this requirement.
- In addition to a. and b., students pursuing teacher certification must meet novice-high foreign language proficiency by presenting a high school transcript which demonstrates two years of study of a single foreign language with no grade below B. Or, students may complete 3 hours college credit in a single language with no grade below C (or pass an advanced standing examination, College Level Examination Program (CLEP) exam, or Oral Proficiency Interview developed by the American Council on the Teaching of Foreign Languages, equivalent to 3 hours of college credit.) Or, students may meet the requirement by transfer of documentation of meeting the foreign language competency from one of the teacher education programs in the State of Oklahoma approved by the Oklahoma State Regents for Higher Education.

### 4. Exclusions

- Courses used to satisfy the General Education English Composition, U.S. History, American Government, and Mathematics or Statistics requirements will not count toward the 54-hour maximum allowed from one department.
- Courses with ATHL or LEIS prefixes and leisure activity courses may not be used for degree credit.

## Additional State/OSU Requirements

- At least: 60 hours at a four-year institution; 30 hours completed at OSU; 15 of the final 30 or 50% of the upper-division hours in the major field completed at OSU.
- Limit of: one-half of major course requirements as transfer work; one-fourth of hours earned by correspondence; 8 transfer correspondence hours.

- Students will be held responsible for degree requirements in effect at the time of matriculation and any changes that are made, so long as these changes do not result in semester credit hours being added or do not delay graduation.
- Degrees that follow this plan must be completed by the end of Summer 2028.

## Example Plan of Study

### Finish in Four Plan of Study

The plan below is an **example** of how students can successfully complete degree requirements in four years. This suggested class schedule plan may be used as a guide and can be adjusted based on individual needs. Students are required to meet with an academic advisor prior to enrollment each semester to plan their class schedule, and students are ultimately responsible for completing all degree requirements.

Course	Title	Hours
<b>Freshman</b>		
<b>Fall</b>		
STAT 2053 or STAT 2013	Elementary Statistics for the Social Sciences (A) or Elementary Statistics (A)	3
SOC 1113	Introductory Sociology (S)	3
General Education courses		10
<b>Hours</b>		<b>16</b>
<b>Spring</b>		
ANTH 2353	Introduction to Biological Anthropology (N)	3
General Education courses		11
<b>Hours</b>		<b>14</b>
<b>Sophomore</b>		
<b>Fall</b>		
ANTH 2883	Introduction to Archaeology (S)	3
General Education courses		12
<b>Hours</b>		<b>15</b>
<b>Spring</b>		
Major, College, and Elective courses		15
<b>Hours</b>		<b>15</b>
<b>Junior</b>		
<b>Fall</b>		
SOC 3113	Theoretical Thinking in Sociology	3
ANTH 3353	Cultural Anthropology (IS)	3
Major, College, and Elective courses		9
<b>Hours</b>		<b>15</b>
<b>Spring</b>		
SOC 4133	Social Research Methods	3
Major, College, and Elective courses		12
<b>Hours</b>		<b>15</b>
<b>Senior</b>		
<b>Fall</b>		
SOC 4243	Quantitative Methods in Sociology	3
Major, College, and Elective courses		12
<b>Hours</b>		<b>15</b>
<b>Spring</b>		
Major, College, and Elective courses		15
<b>Hours</b>		<b>15</b>
<b>Total Hours</b>		<b>120</b>



# Sociology: Applied Sociology, BA

## Degree Requirements

**Requirements for Students Matriculating in or before Academic Year 2022-2023.** Learn more about University Academic Regulation 3.1 (p. 943).

**Minimum Overall Grade Point Average:** 2.00

**Total Hours:** 120

Code	Title	Hours
<b>General Education Requirements</b>		
<i>English Composition</i>		
See Academic Regulation 3.5 (p. 944)		
ENGL 1113 or ENGL 1313	Composition I Critical Analysis and Writing I	3
ENGL 1213 or ENGL 1413 or ENGL 3323	Composition II Critical Analysis and Writing II Technical Writing	3
<i>American History &amp; Government</i>		
HIST 1103 or HIST 1483 or HIST 1493	Survey of American History American History to 1865 (H) American History Since 1865 (DH)	3
POLS 1113	American Government	3
<i>Analytical &amp; Quantitative Thought (A)</i>		
STAT 2013 or STAT 2053	Elementary Statistics (A) Elementary Statistics for the Social Sciences (A)	3
<i>Humanities (H)</i>		
Courses designated (H)		6
<i>Natural Sciences (N)</i>		
Must include one Laboratory Science (L) course		
Courses designated (N)		6
<i>Social &amp; Behavioral Sciences (S)</i>		
PSYC 1113	Introductory Psychology (S)	3
HDFS 2113	Lifespan Human Development (S)	3
<i>Additional General Education</i>		
Courses designated (A), (H), (N), or (S)		7
<b>Hours Subtotal</b>		<b>40</b>
<b>Diversity (D) &amp; International Dimension (I)</b>		
May be completed in any part of the degree plan		
Select at least one Diversity (D) course		
Select at least one International Dimension (I) course		
<b>College/Departmental Requirements</b>		
<i>First Year Seminar</i>		
(Transfer students with 15 hours exempt)		1
<i>Arts &amp; Humanities</i>		
See note 2.a.		9
<i>Natural &amp; Mathematical Sciences</i>		
See note 2.b.		3
<i>Foreign Language</i>		
See note 3		9
<i>Non-Western Studies</i>		
At least one course		

See note 2.d.

*Upper-Division General Education*

Select 6 hours outside major department

See note 2.c.

**Hours Subtotal** **22**

**Major Requirements**

Minimum major GPA 2.50.

Minimum GPA in all SOC?ANTH courses 2.50 with a minimum grade of "C" in all SOC/ANTH courses.

*Core Requirements*

SOC 1113	Introductory Sociology (S)	3
SOC 2123 or ANTH 3353	Social Problems (DS) Cultural Anthropology (IS)	3
SOC 3113	Theoretical Thinking in Sociology	3
SOC 3953	Applied Sociology	3
SOC 4133	Social Research Methods	3
SOC 4243	Quantitative Methods in Sociology	3
SOC 4850	Internship in Sociology	4
Select 6 hours of the following:		6
SOC 3133	Racial and Ethnic Relations (DS)	
SOC 3993	Sociology of Aging (DS)	
SOC 4213	Sociology of Sexualities (S)	
SOC 4383	Social Stratification (S)	
SOC 4643	Sociology of Gender (S)	

*Emphasis*

Complete one Emphasis (p. 1783) **24**

**Hours Subtotal** **52**

**Electives**

Select 6 hours **6**

May need to include 6 hours upper-division general education outside major department (see note 2.c.)

**Hours Subtotal** **6**

**Total Hours** **120**

## Emphasis Criminology and Criminal Justice

Code	Title	Hours
SOC 3523	Juvenile Delinquency (DS)	3
SOC 4033	Comparative Perspectives of Criminal Justice Systems (IS)	3
SOC 4313	Sociology of Law	3
SOC 4333	Criminology (S)	3
SOC 4923	Sociology of Punishment (S)	3
Select 9 hours of the following:		9
SOC 3133	Racial and Ethnic Relations (DS)	
SOC 3223	Social Psychology (S)	
SOC 3323	Collective Behavior and Social Movements	
SOC 4023	Juvenile Corrections and Treatment Strategies	
SOC 4213	Sociology of Sexualities (S)	
SOC 4723	Sociology of Families (S)	
SOC 4733	Criminal Behavior Analysis	

SOC 4743	Criminalistics: Introduction to Forensic Sciences
SOC 4753	Advanced Forensics
SOC 4923	Sociology of Punishment (S)
EPSY 3213	Psychology of Adolescence
HDFS 3423	Adolescent Development in Family Contexts (S)
HLTH 3913	Alcohol and Drug Education
PHIL 3843	Philosophy of Law (H)
POLS 3983	Courts and Judicial Process (S)
PSYC 3443	Abnormal Psychology (S)
PSYC 4143	Psychology and Law
PSYC 4213	Conflict Resolution (S)

## Environment and Society

Code	Title	Hours
SOC 4433	Environmental Sociology (S)	3
SOC 4453	Environmental Inequality (S)	3
SOC 4463	Technology and Society	3
SOC 4533	World Population Problems	3
Select 12 hours of the following:		12
SOC 3323	Collective Behavior and Social Movements	
AGEC 4503	Environmental Economics and Resource Development	
ECON 4913	Urban and Regional Economics	
GEOG 3123	Urban Geography (S)	
GEOG 3153	Conservation of Natural Resources (S)	
GEOG 4123	Geographical Aspects of Urban Planning	
HIST 4063	Historic Preservation	
HIST 4503	American Urban History (H)	
POLS 4363	Environmental Law And Policy	
POLS 4593	Natural Resources and Environmental Policy	
PSYC 4213	Conflict Resolution (S)	

## Social Services

Code	Title	Hours
SOC 3223	Social Psychology (S)	3
SOC 4153	Sociology of Health and Illness	3
SOC 4723	Sociology of Families (S)	3
HDFS 3443	Family Dynamics	3
Select 12 hours of the following:		12
SOC 3133	Racial and Ethnic Relations (DS)	
SOC 4043	Gender and Work (DS)	
HDFS 3423	Adolescent Development in Family Contexts (S)	
HDFS 3443	Family Dynamics	
HDFS 4423	Family Risk and Resilience	
HLTH 3613	Community Health	
HLTH 3913	Alcohol and Drug Education	
PSYC 4213	Conflict Resolution (S)	

## Other Requirements

- See the College of Arts and Sciences Requirements.
- **Upper-Division Credit:** Total hours must include at least 40 hours in courses numbered 3000 or above.
- **Hours in One Department:** For B.A. and B.S. degrees, no more than 54 hours in one department may be applied to degree requirements.

## College of Arts and Sciences Requirements

### 1. General Education Requirements

No more than two courses (or eight hours) from the major department (<http://catalog.okstate.edu/college-arts-sciences-major-departments/>) may be used to meet General Education and College and Departmental Requirements. The General Education required English Composition, required U.S. History, required American Government, one required MATH or STAT course, and required foreign language for B.A. degrees do not count against the two-course maximum.

### 2. A&S College/Departmental Requirements

- Arts and Humanities are defined as any course carrying an (H) designation or courses from AMST, ART, DANC, ENGL (except ENGL 3323 Technical Writing) HIST, MUSI, PHIL (except PHIL 1313 Logic and Critical Thinking (A), PHIL 3003 Symbolic Logic (A) and PHIL 4003 Mathematical Logic and Computability), REL, TH, and foreign languages.
- Natural and Mathematical Sciences are defined as any course from the following prefixes: ASTR, BIOC, BIOL, CHEM, CS (except CS 4883 Social Issues in Computing), GEOL, MATH, MICR, PBIO, PHYS, and STAT; or courses from other departments that carry an (A) or (N) general education designation.
- The required six hours of upper-division General Education may not include courses from the student's major department. This requirement may be satisfied by courses also used to satisfy any part of a student's degree program (i.e., in General Education, College Departmental Requirements, Major Requirements or Electives).
- Non-Western Studies Requirement for B.A. and B.F.A.; One 3-hour course in Non-Western Studies (N.W.). This requirement may be satisfied by courses also used to satisfy any part of a student's degree program (i.e., in General Education, College Departmental Requirements, Major Requirements or Electives).
- The College of Arts & Sciences requires a minimum 2.0 GPA in all major requirements and a minimum 2.0 GPA in all major-prefix courses applied to the degree.

### 3. Foreign Language Proficiency

- The foreign language requirement for the B.A. may be satisfied by 9 hours college credit in the same language, which must include 3 hours at the 2000-level, or equivalent proficiency (e.g., passing an advanced standing examination; TOEFL exam; presenting a high school transcript which demonstrates the high school was primarily conducted in a language other than English; etc.). Computer Science courses may not be used to satisfy this requirement. Currently Arabic and Mvskoke are not offered at the 2000-level at OSU.
- The foreign language requirement for the B.S., B.M. and B.F.A. may be satisfied by presenting a high school transcript which demonstrates two years of study of a single foreign language (passing grades at second-year level of study). It may also

be satisfied by 6 hours college credit in the same language, which must include language courses 1713 and 1813, or equivalent proficiency (e.g., passing an advanced standing examination; TOEFL exam; presenting a high school transcript which demonstrates the high school was primarily conducted in a language other than English; etc.). Computer Science courses may not be used to satisfy this requirement.

- c. In addition to a. and b., students pursuing teacher certification must meet novice-high foreign language proficiency by presenting a high school transcript which demonstrates two years of study of a single foreign language with no grade below B. Or, students may complete 3 hours college credit in a single language with no grade below C (or pass an advanced standing examination, College Level Examination Program (CLEP) exam, or Oral Proficiency Interview developed by the American Council on the Teaching of Foreign Languages, equivalent to 3 hours of college credit.) Or, students may meet the requirement by transfer of documentation of meeting the foreign language competency from one of the teacher education programs in the State of Oklahoma approved by the Oklahoma State Regents for Higher Education.

#### 4. Exclusions

- Courses used to satisfy the General Education English Composition, U.S. History, American Government, and Mathematics or Statistics requirements will not count toward the 54-hour maximum allowed from one department.
- Courses with ATHL or LEIS prefixes and leisure activity courses may not be used for degree credit.

## Additional State/OSU Requirements

- At least: 60 hours at a four-year institution; 30 hours completed at OSU; 15 of the final 30 or 50% of the upper-division hours in the major field completed at OSU.
- Limit of: one-half of major course requirements as transfer work; one-fourth of hours earned by correspondence; 8 transfer correspondence hours.
- Students will be held responsible for degree requirements in effect at the time of matriculation and any changes that are made, so long as these changes do not result in semester credit hours being added or do not delay graduation.
- Degrees that follow this plan must be completed by the end of Summer 2028.

## Example Plan of Study

### Finish in Four Plan of Study

The plan below is an **example** of how students can successfully complete degree requirements in four years. This suggested class schedule plan may be used as a guide and can be adjusted based on individual needs. Students are required to meet with an academic advisor prior to enrollment each semester to plan their class schedule, and students are ultimately responsible for completing all degree requirements.

Course	Title	Hours
<b>Freshman</b>		
<b>Fall</b>		
STAT 2053 or STAT 2013	Elementary Statistics for the Social Sciences (A) or Elementary Statistics (A)	3
SOC 1113	Introductory Sociology (S)	3

General Education courses		10
<b>Hours</b>		<b>16</b>
<b>Spring</b>		
SOC 2123	Social Problems (DS)	3
General Education courses		11
<b>Hours</b>		<b>14</b>
<b>Sophomore</b>		
<b>Fall</b>		
1713 First Semester Foreign Language		3
General Education courses		12
<b>Hours</b>		<b>15</b>
<b>Spring</b>		
Major, College, and Elective courses		12
1813 Second Semester Foreign Language		3
<b>Hours</b>		<b>15</b>
<b>Junior</b>		
<b>Fall</b>		
SOC 3113	Theoretical Thinking in Sociology	3
2000-level Foreign Language		3
Major, College, and Elective courses		9
<b>Hours</b>		<b>15</b>
<b>Spring</b>		
SOC 4133	Social Research Methods	3
Major, College, and Elective courses		12
<b>Hours</b>		<b>15</b>
<b>Senior</b>		
<b>Fall</b>		
SOC 4243	Quantitative Methods in Sociology	3
Major, College, and Elective courses		12
<b>Hours</b>		<b>15</b>
<b>Spring</b>		
SOC 4950	Current Topics in Sociology (Internship)	4
Major, College, and Elective courses		11
<b>Hours</b>		<b>15</b>
<b>Total Hours</b>		<b>120</b>

## Sociology: Applied Sociology, BS

### Degree Requirements

**Requirements for Students Matriculating in or before Academic Year 2022-2023.** Learn more about University Academic Regulation 3.1 (p. 943).

**Minimum Overall Grade Point Average:** 2.00

**Total Hours:** 120

Code	Title	Hours
<b>General Education Requirements</b>		
<i>English Composition</i>		
See Academic Regulation 3.5 (p. 944)		
ENGL 1113 or ENGL 1313	Composition I Critical Analysis and Writing I	3
ENGL 1213 or ENGL 1413 or ENGL 3323	Composition II Critical Analysis and Writing II Technical Writing	3
<i>American History &amp; Government</i>		
HIST 1103 or HIST 1483 or HIST 1493	Survey of American History American History to 1865 (H) American History Since 1865 (DH)	3
POLS 1113	American Government	3
<i>Analytical &amp; Quantitative Thought (A)</i>		
STAT 2013 or STAT 2053	Elementary Statistics (A) Elementary Statistics for the Social Sciences (A)	3
<i>Humanities (H)</i>		
Courses designated (H)		6
<i>Natural Sciences (N)</i>		
Must include one Laboratory Science (L) course		
Courses designated (N)		6
<i>Social &amp; Behavioral Sciences (S)</i>		
PSYC 1113	Introductory Psychology (S)	3
HDFS 2113	Lifespan Human Development (S)	3
<i>Additional General Education</i>		
Courses designated (A), (H), (N), or (S)		7
<b>Hours Subtotal</b>		<b>40</b>
<b>Diversity (D) &amp; International Dimension (I)</b>		
May be completed in any part of the degree plan		
Select at least one Diversity (D) course		
Select at least one International Dimension (I) course		
<b>College/Departmental Requirements</b>		
<i>First Year Seminar</i>		
(Transfer students with 15 hours exempt)		1
<i>Arts &amp; Humanities</i>		
See note 2.a.		3
<i>Natural &amp; Mathematical Sciences</i>		
See note 2.b.		9
<i>Foreign Language</i>		
See note 3		
0-6 hours		
<i>Upper-Division General Education</i>		

Select 6 hours outside major department

See note 2.c.

**Hours Subtotal** 13

#### Major Requirements

Minimum GPA 2.50.

Minimum GPA in all SOC/ANTH courses 2.50 with a minimum grade of "C" in all SOC/ANTH courses.

#### Core Requirements

SOC 1113	Introductory Sociology (S)	3
SOC 2123 or ANTH 3353	Social Problems (DS) Cultural Anthropology (IS)	3
SOC 3113	Theoretical Thinking in Sociology	3
SOC 3953	Applied Sociology	3
SOC 4133	Social Research Methods	3
SOC 4243	Quantitative Methods in Sociology	3
SOC 4850	Internship in Sociology	4
Select 6 hours of the following:		6
SOC 3133	Racial and Ethnic Relations (DS)	
SOC 3993	Sociology of Aging (DS)	
SOC 4213	Sociology of Sexualities (S)	
SOC 4383	Social Stratification (S)	
SOC 4643	Sociology of Gender (S)	

#### Emphasis

Complete one Emphasis (p. 1786) 24

**Hours Subtotal** 52

#### Electives

Select 15 hours 15

May need to include 6 hours of a foreign language. See note 3

May need to include 6 hours upper-division general education outside major department (see note 2.c.)

**Hours Subtotal** 15

**Total Hours** 120

## Emphasis

### Criminology and Criminal Justice

Code	Title	Hours
SOC 3523	Juvenile Delinquency (DS)	3
SOC 4033	Comparative Perspectives of Criminal Justice Systems (IS)	3
SOC 4313	Sociology of Law	3
SOC 4333	Criminology (S)	3
SOC 4923	Sociology of Punishment (S)	3
Select 9 hours of the following:		9
SOC 3133	Racial and Ethnic Relations (DS)	
SOC 3223	Social Psychology (S)	
SOC 3323	Collective Behavior and Social Movements	
SOC 4023	Juvenile Corrections and Treatment Strategies	
SOC 4213	Sociology of Sexualities (S)	
SOC 4723	Sociology of Families (S)	
SOC 4733	Criminal Behavior Analysis	

SOC 4743	Criminalistics: Introduction to Forensic Sciences
SOC 4753	Advanced Forensics
SOC 4923	Sociology of Punishment (S)
EPSY 3213	Psychology of Adolescence
HDFS 3423	Adolescent Development in Family Contexts (S)
HLTH 3913	Alcohol and Drug Education
PHIL 3843	Philosophy of Law (H)
POLS 3983	Courts and Judicial Process (S)
PSYC 3443	Abnormal Psychology (S)
PSYC 4143	Psychology and Law
PSYC 4213	Conflict Resolution (S)

## Environment and Society

Code	Title	Hours
SOC 4433	Environmental Sociology (S)	3
SOC 4453	Environmental Inequality (S)	3
SOC 4463	Technology and Society	3
SOC 4533	World Population Problems	3
Select 12 hours of the following:		12
SOC 3323	Collective Behavior and Social Movements	
AGEC 4503	Environmental Economics and Resource Development	
ECON 4913	Urban and Regional Economics	
GEOG 3123	Urban Geography (S)	
GEOG 3153	Conservation of Natural Resources (S)	
GEOG 4123	Geographical Aspects of Urban Planning	
HIST 4063	Historic Preservation	
HIST 4503	American Urban History (H)	
POLS 4363	Environmental Law And Policy	
POLS 4593	Natural Resources and Environmental Policy	
PSYC 4213	Conflict Resolution (S)	

## Social Services

Code	Title	Hours
SOC 3223	Social Psychology (S)	3
SOC 4153	Sociology of Health and Illness	3
SOC 4723	Sociology of Families (S)	3
HDFS 3443	Family Dynamics	3
Select 12 hours of the following:		12
SOC 3133	Racial and Ethnic Relations (DS)	
SOC 4043	Gender and Work (DS)	
HDFS 3423	Adolescent Development in Family Contexts (S)	
HDFS 3443	Family Dynamics	
HDFS 4423	Family Risk and Resilience	
HLTH 3613	Community Health	
HLTH 3913	Alcohol and Drug Education	
PSYC 4213	Conflict Resolution (S)	

## Other Requirements

- See the College of Arts and Sciences Requirements.
- **Upper-Division Credit:** Total hours must include at least 40 hours in courses numbered 3000 or above.
- **Hours in One Department:** For B.A. and B.S. degrees, no more than 54 hours in one department may be applied to degree requirements.

## College of Arts and Sciences Requirements

### 1. General Education Requirements

No more than two courses (or eight hours) from the major department (<http://catalog.okstate.edu/college-arts-sciences-major-departments/>) may be used to meet General Education and College and Departmental Requirements. The General Education required English Composition, required U.S. History, required American Government, one required MATH or STAT course, and required foreign language for B.A. degrees do not count against the two-course maximum.

### 2. A&S College/Departmental Requirements

- Arts and Humanities are defined as any course carrying an (H) designation or courses from AMST, ART, DANC, ENGL (except ENGL 3323 Technical Writing) HIST, MUSI, PHIL (except PHIL 1313 Logic and Critical Thinking (A), PHIL 3003 Symbolic Logic (A) and PHIL 4003 Mathematical Logic and Computability), REL, TH, and foreign languages.
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- The required six hours of upper-division General Education may not include courses from the student's major department. This requirement may be satisfied by courses also used to satisfy any part of a student's degree program (i.e., in General Education, College Departmental Requirements, Major Requirements or Electives).
- Non-Western Studies Requirement for B.A. and B.F.A.; One 3-hour course in Non-Western Studies (N.W.). This requirement may be satisfied by courses also used to satisfy any part of a student's degree program (i.e., in General Education, College Departmental Requirements, Major Requirements or Electives).
- The College of Arts & Sciences requires a minimum 2.0 GPA in all major requirements and a minimum 2.0 GPA in all major-prefix courses applied to the degree.

### 3. Foreign Language Proficiency

- The foreign language requirement for the B.A. may be satisfied by 9 hours college credit in the same language, which must include 3 hours at the 2000-level, or equivalent proficiency (e.g., passing an advanced standing examination; TOEFL exam; presenting a high school transcript which demonstrates the high school was primarily conducted in a language other than English; etc.). Computer Science courses may not be used to satisfy this requirement. Currently Arabic and Mvskoke are not offered at the 2000-level at OSU.
- The foreign language requirement for the B.S., B.M. and B.F.A. may be satisfied by presenting a high school transcript which demonstrates two years of study of a single foreign language (passing grades at second-year level of study). It may also



be satisfied by 6 hours college credit in the same language, which must include language courses 1713 and 1813, or equivalent proficiency (e.g., passing an advanced standing examination; TOEFL exam; presenting a high school transcript which demonstrates the high school was primarily conducted in a language other than English; etc.). Computer Science courses may not be used to satisfy this requirement.

- c. In addition to a. and b., students pursuing teacher certification must meet novice-high foreign language proficiency by presenting a high school transcript which demonstrates two years of study of a single foreign language with no grade below B. Or, students may complete 3 hours college credit in a single language with no grade below C (or pass an advanced standing examination, College Level Examination Program (CLEP) exam, or Oral Proficiency Interview developed by the American Council on the Teaching of Foreign Languages, equivalent to 3 hours of college credit.) Or, students may meet the requirement by transfer of documentation of meeting the foreign language competency from one of the teacher education programs in the State of Oklahoma approved by the Oklahoma State Regents for Higher Education.

**4. Exclusions**

- a. Courses used to satisfy the General Education English Composition, U.S. History, American Government, and Mathematics or Statistics requirements will not count toward the 54-hour maximum allowed from one department.
- b. Courses with ATHL or LEIS prefixes and leisure activity courses may not be used for degree credit.

## Additional State/OSU Requirements

- At least: 60 hours at a four-year institution; 30 hours completed at OSU; 15 of the final 30 or 50% of the upper-division hours in the major field completed at OSU.
- Limit of: one-half of major course requirements as transfer work; one-fourth of hours earned by correspondence; 8 transfer correspondence hours.
- Students will be held responsible for degree requirements in effect at the time of matriculation and any changes that are made, so long as these changes do not result in semester credit hours being added or do not delay graduation.
- Degrees that follow this plan must be completed by the end of Summer 2028.

## Example Plan of Study

### Finish in Four Plan of Study

The plan below is an **example** of how students can successfully complete degree requirements in four years. This suggested class schedule plan may be used as a guide and can be adjusted based on individual needs. Students are required to meet with an academic adviser prior to enrollment each semester to plan their class schedule, and students are ultimately responsible for completing all degree requirements.

Course	Title	Hours
<b>Freshman</b>		
<b>Fall</b>		
STAT 2053 or STAT 2013	Elementary Statistics for the Social Sciences (A) or Elementary Statistics (A)	3
SOC 1113	Introductory Sociology (S)	3

General Education courses		10
<b>Hours</b>		<b>16</b>
<b>Spring</b>		
SOC 2123	Social Problems (DS)	3
General Education courses		11
<b>Hours</b>		<b>14</b>
<b>Sophomore</b>		
<b>Fall</b>		
General Education courses		15
<b>Hours</b>		<b>15</b>
<b>Spring</b>		
Major, College, and Elective courses		15
<b>Hours</b>		<b>15</b>
<b>Junior</b>		
<b>Fall</b>		
SOC 3113	Theoretical Thinking in Sociology	3
Major, College, and Elective courses		12
<b>Hours</b>		<b>15</b>
<b>Spring</b>		
SOC 4133	Social Research Methods	3
Major, College, and Elective courses		12
<b>Hours</b>		<b>15</b>
<b>Senior</b>		
<b>Fall</b>		
SOC 4243	Quantitative Methods in Sociology	3
Major, College, and Elective courses		12
<b>Hours</b>		<b>15</b>
<b>Spring</b>		
SOC 4950	Current Topics in Sociology (Internship)	4
Major, College, and Elective courses		11
<b>Hours</b>		<b>15</b>
<b>Total Hours</b>		<b>120</b>



# Sociology: Criminology and Criminal Justice, BA

## Degree Requirements

**Requirements for Students Matriculating in or before Academic Year 2022-2023.** Learn more about University Academic Regulation 3.1 (p. 943).

**Minimum Overall Grade Point Average: 2.00**

**Total Hours: 120**

Code	Title	Hours
<b>General Education Requirements</b>		
<i>English Composition</i>		
See Academic Regulation 3.5 (p. 944)		
ENGL 1113 or ENGL 1313	Composition I Critical Analysis and Writing I	3
ENGL 1213 or ENGL 1413 or ENGL 3323	Composition II Critical Analysis and Writing II Technical Writing	3
<i>American History &amp; Government</i>		
HIST 1103 or HIST 1483 or HIST 1493	Survey of American History American History to 1865 (H) American History Since 1865 (DH)	3
POLS 1113	American Government	3
<i>Analytical &amp; Quantitative Thought (A)</i>		
STAT 2013 or STAT 2053	Elementary Statistics (A) Elementary Statistics for the Social Sciences (A)	3
<i>Humanities (H)</i>		
Courses designated (H)		6
<i>Natural Sciences (N)</i>		
Must include one Laboratory Science (L) course		
Courses designated (N)		6
<i>Social &amp; Behavioral Sciences (S)</i>		
PSYC 1113	Introductory Psychology (S)	3
<i>Additional General Education</i>		
Courses designated (A), (H), (N), or (S)		10
<b>Hours Subtotal</b>		<b>40</b>
<b>Diversity (D) &amp; International Dimension (I)</b>		
May be completed in any part of the degree plan.		
At least one Diversity (D) course.		
At least one International Dimension (I) course.		
<b>College/Departmental Requirements</b>		
<i>First Year Seminar</i>		
(Transfer students with 15 hours exempt.)		1
<i>Arts &amp; Humanities</i>		
(See note 2.a.)		9
<i>Natural &amp; Mathematics Sciences</i>		
(See Note 2.b.)		3
<i>Foreign Language</i>		
(See note 3.)		9
<i>Non-Western Studies</i>		
At least one course. (See note 2.d.)		

### Upper-Division General Education

6 hours outside major department (See note 2.c.)

**Hours Subtotal** 22

### Major Requirements

Minimum major GPA 2.50 in major block.

Minimum GPA in all SOC/ANTH courses 2.50 with a minimum grade of "C" in all SOC/ANTH courses.

Minimum 30 hours of courses with SOC/ANTH prefix.

### Core Requirements

SOC 1113	Introductory Sociology (S)	3
SOC 2123 or ANTH 1353	Social Problems (DS) Introduction to Anthropology (S)	3
SOC 3113	Theoretical Thinking in Sociology	3
SOC 4133	Social Research Methods	3
SOC 4243	Quantitative Methods in Sociology	3
Select six hours from:		6
SOC 3133	Racial and Ethnic Relations (DS)	
SOC 3993	Sociology of Aging (DS)	
SOC 4213	Sociology of Sexualities (S)	
SOC 4383	Social Stratification (S)	
SOC 4643	Sociology of Gender (S)	

### Criminology and Criminal Justice

SOC 2113	Introduction to Criminal Justice (S)	3
SOC 4333	Criminology (S)	3
Select 12 hours from (3 hours may be lower-division):		12
SOC 2213	Gangs and Society (S)	
SOC 2243	Drugs and Drug Policy in the United States	
SOC 3333	Policing and Society (S)	
SOC 3523	Juvenile Delinquency (DS)	
SOC 4033	Comparative Perspectives of Criminal Justice Systems (IS)	
SOC 4313	Sociology of Law	
SOC 4923	Sociology of Punishment (S)	
Select 12 hours of approved related courses. Recommended:		12
SOC 3223	Social Psychology (S)	
SOC 3323	Collective Behavior and Social Movements	
SOC 3953	Applied Sociology	
SOC 4023	Juvenile Corrections and Treatment Strategies	
SOC 4103	The Death Penalty in America (S)	
SOC 4573	Victimology	
SOC 4733	Criminal Behavior Analysis	
SOC 4743	Criminalistics: Introduction to Forensic Sciences	
SOC 4753	Advanced Forensics	
SOC 4850	Internship in Sociology	
EPSY 3213	Psychology of Adolescence	
PHIL 3843	Philosophy of Law (H)	
POLS 3983	Courts and Judicial Process (S)	
PSYC 3443	Abnormal Psychology (S)	
PSYC 4143	Psychology and Law	
PSYC 4213	Conflict Resolution (S)	

**Hours Subtotal** 51

<b>Electives</b>	
Select 7 hours.	7
May need to include 6 hours upper-division general education outside major department (see note 2.c.) and 1 additional upper-division hour.	
<b>Hours Subtotal</b>	<b>7</b>
<b>Total Hours</b>	<b>120</b>

## Other Requirements

- See the College of Arts and Sciences Requirements.
- **Upper-Division Credit:** Total hours must include at least 40 hours in courses numbered 3000 or above.
- **Hours in One Department:** For B.A. and B.S. degrees, no more than 54 hours in one department may be applied to degree requirements.

## College of Arts and Sciences Requirements

### 1. General Education Requirements

No more than two courses (or eight hours) from the major department (<http://catalog.okstate.edu/college-arts-sciences-major-departments/>) may be used to meet General Education and College and Departmental Requirements. The General Education required English Composition, required U.S. History, required American Government, one required MATH or STAT course, and required foreign language for B.A. degrees do not count against the two-course maximum.

### 2. A&S College/Departmental Requirements

- Arts and Humanities are defined as any course carrying an (H) designation or courses from AMST, ART, DANC, ENGL (except ENGL 3323 Technical Writing) HIST, MUSI, PHIL (except PHIL 1313 Logic and Critical Thinking (A), PHIL 3003 Symbolic Logic (A) and PHIL 4003 Mathematical Logic and Computability), REL, TH, and foreign languages.
- Natural and Mathematical Sciences are defined as any course from the following prefixes: ASTR, BIOC, BIOL, CHEM, CS (except CS 4883 Social Issues in Computing), GEOL, MATH, MICR, PBIO, PHYS, and STAT; or courses from other departments that carry an (A) or (N) general education designation.
- The required six hours of upper-division General Education may not include courses from the student's major department. This requirement may be satisfied by courses also used to satisfy any part of a student's degree program (i.e., in General Education, College Departmental Requirements, Major Requirements or Electives).
- Non-Western Studies Requirement for B.A. and B.F.A.; One 3-hour course in Non-Western Studies (N.W.). This requirement may be satisfied by courses also used to satisfy any part of a student's degree program (i.e., in General Education, College Departmental Requirements, Major Requirements or Electives).
- The College of Arts & Sciences requires a minimum 2.0 GPA in all major requirements and a minimum 2.0 GPA in all major-prefix courses applied to the degree.

### 3. Foreign Language Proficiency

- The foreign language requirement for the B.A. may be satisfied by 9 hours college credit in the same language, which must include 3 hours at the 2000-level, or equivalent proficiency (e.g., passing an advanced standing examination; TOEFL exam; presenting a high school transcript which demonstrates the high school

was primarily conducted in a language other than English; etc.). Computer Science courses may not be used to satisfy this requirement. Currently Arabic and Mvskoke are not offered at the 2000-level at OSU.

- The foreign language requirement for the B.S., B.M. and B.F.A. may be satisfied by presenting a high school transcript which demonstrates two years of study of a single foreign language (passing grades at second-year level of study). It may also be satisfied by 6 hours college credit in the same language, which must include language courses 1713 and 1813, or equivalent proficiency (e.g., passing an advanced standing examination; TOEFL exam; presenting a high school transcript which demonstrates the high school was primarily conducted in a language other than English; etc.). Computer Science courses may not be used to satisfy this requirement.
  - In addition to a. and b., students pursuing teacher certification must meet novice-high foreign language proficiency by presenting a high school transcript which demonstrates two years of study of a single foreign language with no grade below B. Or, students may complete 3 hours college credit in a single language with no grade below C (or pass an advanced standing examination, College Level Examination Program (CLEP) exam, or Oral Proficiency Interview developed by the American Council on the Teaching of Foreign Languages, equivalent to 3 hours of college credit.) Or, students may meet the requirement by transfer of documentation of meeting the foreign language competency from one of the teacher education programs in the State of Oklahoma approved by the Oklahoma State Regents for Higher Education.
- ### 4. Exclusions
- Courses used to satisfy the General Education English Composition, U.S. History, American Government, and Mathematics or Statistics requirements will not count toward the 54-hour maximum allowed from one department.
  - Courses with ATHL or LEIS prefixes and leisure activity courses may not be used for degree credit.

## Additional State/OSU Requirements

- At least: 60 hours at a four-year institution; 30 hours completed at OSU; 15 of the final 30 or 50% of the upper-division hours in the major field completed at OSU.
- Limit of: one-half of major course requirements as transfer work; one-fourth of hours earned by correspondence; 8 transfer correspondence hours.
- Students will be held responsible for degree requirements in effect at the time of matriculation and any changes that are made, so long as these changes do not result in semester credit hours being added or do not delay graduation.
- Degrees that follow this plan must be completed by the end of Summer 2028.

## Example Plan of Study

### Finish in Four Plan of Study

The plan below is an **example** of how students can successfully complete degree requirements in four years. This suggested class schedule plan may be used as a guide and can be adjusted based on individual needs. Students are required to meet with an academic advisor prior to

enrollment each semester to plan their class schedule, and students are ultimately responsible for completing all degree requirements.

Course	Title	Hours
<b>Freshman</b>		
<b>Fall</b>		
STAT 2053 or STAT 2013	Elementary Statistics for the Social Sciences (A) or Elementary Statistics (A)	3
SOC 1113	Introductory Sociology (S)	3
General Education courses		10
<b>Hours</b>		<b>16</b>
<b>Spring</b>		
SOC 2123	Social Problems (DS)	3
General Education courses		11
<b>Hours</b>		<b>14</b>
<b>Sophomore</b>		
<b>Fall</b>		
1713 First Semester Foreign Language		3
General Education courses		12
<b>Hours</b>		<b>15</b>
<b>Spring</b>		
Major, College, and Elective courses		12
1813 Second Semester Foreign Language		3
<b>Hours</b>		<b>15</b>
<b>Junior</b>		
<b>Fall</b>		
SOC 3113	Theoretical Thinking in Sociology	3
2000-level Foreign Language		3
Major, College, and Elective courses		9
<b>Hours</b>		<b>15</b>
<b>Spring</b>		
SOC 4133	Social Research Methods	3
Major, College, and Elective courses		12
<b>Hours</b>		<b>15</b>
<b>Senior</b>		
<b>Fall</b>		
SOC 4243	Quantitative Methods in Sociology	3
Major, College, and Elective courses		12
<b>Hours</b>		<b>15</b>
<b>Spring</b>		
SOC 4950	Current Topics in Sociology (Internship)	4
Major, College, and Elective courses		11
<b>Hours</b>		<b>15</b>
<b>Total Hours</b>		<b>120</b>

# Sociology: Criminology and Criminal Justice, BS

## Degree Requirements

**Requirements for Students Matriculating in or before Academic Year 2022-2023.** Learn more about University Academic Regulation 3.1 (p. 943).

**Minimum Overall Grade Point Average: 2.00**

**Total Hours: 120**

Code	Title	Hours
<b>General Education Requirements</b>		
<i>English Composition</i>		
See Academic Regulation 3.5 (p. 944)		
ENGL 1113 or ENGL 1313	Composition I Critical Analysis and Writing I	3
ENGL 1213 or ENGL 1413 or ENGL 3323	Composition II Critical Analysis and Writing II Technical Writing	3
<i>American History &amp; Government</i>		
HIST 1103 or HIST 1483 or HIST 1493	Survey of American History American History to 1865 (H) American History Since 1865 (DH)	3
POLS 1113	American Government	3
<i>Analytical &amp; Quantitative Thought (A)</i>		
STAT 2013 or STAT 2053	Elementary Statistics (A) Elementary Statistics for the Social Sciences (A)	3
<i>Humanities (H)</i>		
Courses designated (H)		6
<i>Natural Sciences (N)</i>		
Must include one Laboratory Science (L) course		
Courses designated (N)		6
<i>Social &amp; Behavioral Sciences (S)</i>		
PSYC 1113	Introductory Psychology (S)	3
<i>Additional General Education</i>		
Courses designated (A), (H), (N), or (S)		10
<b>Hours Subtotal</b>		<b>40</b>
<b>Diversity (D) &amp; International Dimension (I)</b>		
May be completed in any part of the degree plan.		
At least one Diversity (D) course.		
At least one International Dimension (I) course.		
<b>College/Departmental Requirements</b>		
<i>First Year Seminar</i>		
(Transfer students with 15 hours exempt.)		1
<i>Arts &amp; Humanities</i>		
(See note 2.a.)		3
<i>Natural &amp; Mathematics Sciences</i>		
(See Note 2.b.)		9
<i>Foreign Language</i>		
(See note 3.)		0-6 hours
<i>Upper-Division General Education</i>		

6 hours outside major department (See note 2.c.)		
<b>Hours Subtotal</b>		<b>13</b>
<b>Major Requirements</b>		
Minimum major GPA 2.50 in major block.		
Minimum GPA in all SOC/ANTH courses 2.50 with a grade of "C" in all SOC/ANTH courses.		
Minimum 30 hours of courses with SOC/ANTH prefix.		
<i>Core Requirements</i>		
SOC 1113	Introductory Sociology (S)	3
SOC 2123 or ANTH 1353	Social Problems (DS) Introduction to Anthropology (S)	3
SOC 3113	Theoretical Thinking in Sociology	3
SOC 4133	Social Research Methods	3
SOC 4243	Quantitative Methods in Sociology	3
Select 6 hours of the following:		6
SOC 3133	Racial and Ethnic Relations (DS)	
SOC 3993	Sociology of Aging (DS)	
SOC 4213	Sociology of Sexualities (S)	
SOC 4383	Social Stratification (S)	
SOC 4643	Sociology of Gender (S)	
<i>Criminology and Criminal Justice</i>		
SOC 2113	Introduction to Criminal Justice (S)	3
SOC 4333	Criminology (S)	3
Select 12 hours form the following (3 hours may be lower division):		12
SOC 2213	Gangs and Society (S)	
SOC 2243	Drugs and Drug Policy in the United States	
SOC 3333	Policing and Society (S)	
SOC 3523	Juvenile Delinquency (DS)	
SOC 4033	Comparative Perspectives of Criminal Justice Systems (IS)	
SOC 4313	Sociology of Law	
SOC 4923	Sociology of Punishment (S)	
Select 12 hours of approved option-related courses.		12
SOC 3223	Social Psychology (S)	
SOC 3323	Collective Behavior and Social Movements	
SOC 3953	Applied Sociology	
SOC 4023	Juvenile Corrections and Treatment Strategies	
SOC 4103	The Death Penalty in America (S)	
SOC 4573	Victimology	
SOC 4733	Criminal Behavior Analysis	
SOC 4743	Criminalistics: Introduction to Forensic Sciences	
SOC 4753	Advanced Forensics	
SOC 4850	Internship in Sociology	
EPSY 3213	Psychology of Adolescence	
PHIL 3843	Philosophy of Law (H)	
POLS 3983	Courts and Judicial Process (S)	
PSYC 3443	Abnormal Psychology (S)	
PSYC 4143	Psychology and Law	
PSYC 4213	Conflict Resolution (S)	
<b>Hours Subtotal</b>		<b>51</b>

<b>Electives</b>	
Select 16 hours	16
May need to include 6 hours upper-division general education outside major department (see note 2.c.) and 1 additional upper-division hour.	
<b>Hours Subtotal</b>	<b>16</b>
<b>Total Hours</b>	<b>120</b>

## Other Requirements

- See the College of Arts and Sciences Requirements.
- **Upper-Division Credit:** Total hours must include at least 40 hours in courses numbered 3000 or above.
- **Hours in One Department:** For B.A. and B.S. degrees, no more than 54 hours in one department may be applied to degree requirements.

## College of Arts and Sciences Requirements

### 1. General Education Requirements

No more than two courses (or eight hours) from the major department (<http://catalog.okstate.edu/college-arts-sciences-major-departments/>) may be used to meet General Education and College and Departmental Requirements. The General Education required English Composition, required U.S. History, required American Government, one required MATH or STAT course, and required foreign language for B.A. degrees do not count against the two-course maximum.

### 2. A&S College/Departmental Requirements

- Arts and Humanities are defined as any course carrying an (H) designation or courses from AMST, ART, DANC, ENGL (except ENGL 3323 Technical Writing) HIST, MUSI, PHIL (except PHIL 1313 Logic and Critical Thinking (A), PHIL 3003 Symbolic Logic (A) and PHIL 4003 Mathematical Logic and Computability), REL, TH, and foreign languages.
- Natural and Mathematical Sciences are defined as any course from the following prefixes: ASTR, BIOC, BIOL, CHEM, CS (except CS 4883 Social Issues in Computing), GEOL, MATH, MICR, PBIO, PHYS, and STAT; or courses from other departments that carry an (A) or (N) general education designation.
- The required six hours of upper-division General Education may not include courses from the student's major department. This requirement may be satisfied by courses also used to satisfy any part of a student's degree program (i.e., in General Education, College Departmental Requirements, Major Requirements or Electives).
- Non-Western Studies Requirement for B.A. and B.F.A.; One 3-hour course in Non-Western Studies (N.W.). This requirement may be satisfied by courses also used to satisfy any part of a student's degree program (i.e., in General Education, College Departmental Requirements, Major Requirements or Electives).
- The College of Arts & Sciences requires a minimum 2.0 GPA in all major requirements and a minimum 2.0 GPA in all major-prefix courses applied to the degree.

### 3. Foreign Language Proficiency

- The foreign language requirement for the B.A. may be satisfied by 9 hours college credit in the same language, which must include 3 hours at the 2000-level, or equivalent proficiency (e.g., passing an advanced standing examination; TOEFL exam; presenting a high school transcript which demonstrates the high school

was primarily conducted in a language other than English; etc.). Computer Science courses may not be used to satisfy this requirement. Currently Arabic and Mvskoke are not offered at the 2000-level at OSU.

- The foreign language requirement for the B.S., B.M. and B.F.A. may be satisfied by presenting a high school transcript which demonstrates two years of study of a single foreign language (passing grades at second-year level of study). It may also be satisfied by 6 hours college credit in the same language, which must include language courses 1713 and 1813, or equivalent proficiency (e.g., passing an advanced standing examination; TOEFL exam; presenting a high school transcript which demonstrates the high school was primarily conducted in a language other than English; etc.). Computer Science courses may not be used to satisfy this requirement.
  - In addition to a. and b., students pursuing teacher certification must meet novice-high foreign language proficiency by presenting a high school transcript which demonstrates two years of study of a single foreign language with no grade below B. Or, students may complete 3 hours college credit in a single language with no grade below C (or pass an advanced standing examination, College Level Examination Program (CLEP) exam, or Oral Proficiency Interview developed by the American Council on the Teaching of Foreign Languages, equivalent to 3 hours of college credit.) Or, students may meet the requirement by transfer of documentation of meeting the foreign language competency from one of the teacher education programs in the State of Oklahoma approved by the Oklahoma State Regents for Higher Education.
- ### 4. Exclusions
- Courses used to satisfy the General Education English Composition, U.S. History, American Government, and Mathematics or Statistics requirements will not count toward the 54-hour maximum allowed from one department.
  - Courses with ATHL or LEIS prefixes and leisure activity courses may not be used for degree credit.

## Additional State/OSU Requirements

- At least: 60 hours at a four-year institution; 30 hours completed at OSU; 15 of the final 30 or 50% of the upper-division hours in the major field completed at OSU.
- Limit of: one-half of major course requirements as transfer work; one-fourth of hours earned by correspondence; 8 transfer correspondence hours.
- Students will be held responsible for degree requirements in effect at the time of matriculation and any changes that are made, so long as these changes do not result in semester credit hours being added or do not delay graduation.
- Degrees that follow this plan must be completed by the end of Summer 2028.

## Example Plan of Study

### Finish in Four Plan of Study

The plan below is an **example** of how students can successfully complete degree requirements in four years. This suggested class schedule plan may be used as a guide and can be adjusted based on individual needs. Students are required to meet with an academic advisor prior to

enrollment each semester to plan their class schedule, and students are ultimately responsible for completing all degree requirements.

Course	Title	Hours
<b>Freshman</b>		
<b>Fall</b>		
STAT 2053 or STAT 2013	Elementary Statistics for the Social Sciences (A) or Elementary Statistics (A)	3
SOC 1113	Introductory Sociology (S)	3
General Education courses		10
<b>Hours</b>		<b>16</b>
<b>Spring</b>		
SOC 2123	Social Problems (DS)	3
General Education courses		11
<b>Hours</b>		<b>14</b>
<b>Sophomore</b>		
<b>Fall</b>		
General Education courses		15
<b>Hours</b>		<b>15</b>
<b>Spring</b>		
Major, College, and Elective courses		15
<b>Hours</b>		<b>15</b>
<b>Junior</b>		
<b>Fall</b>		
SOC 3113	Theoretical Thinking in Sociology	3
Major, College, and Elective courses		12
<b>Hours</b>		<b>15</b>
<b>Spring</b>		
SOC 4133	Social Research Methods	3
Major, College, and Elective courses		12
<b>Hours</b>		<b>15</b>
<b>Senior</b>		
<b>Fall</b>		
SOC 4243	Quantitative Methods in Sociology	3
Major, College, and Elective courses		12
<b>Hours</b>		<b>15</b>
<b>Spring</b>		
Major, College, and Elective courses		15
<b>Hours</b>		<b>15</b>
<b>Total Hours</b>		<b>120</b>



# Sociology: Environment and Society, BA

## Degree Requirements

**Requirements for Students Matriculating in or before Academic Year 2022-2023.** Learn more about University Academic Regulation 3.1 (p. 943).

**Minimum Overall Grade Point Average: 2.00**

**Total Hours: 120**

Code	Title	Hours
<b>General Education Requirements</b>		
<i>English Composition</i>		
See Academic Regulation 3.5 (p. 944)		
ENGL 1113 or ENGL 1313	Composition I Critical Analysis and Writing I	3
ENGL 1213 or ENGL 1413 or ENGL 3323	Composition II Critical Analysis and Writing II Technical Writing	3
<i>American History &amp; Government</i>		
HIST 1103 or HIST 1483 or HIST 1493	Survey of American History American History to 1865 (H) American History Since 1865 (DH)	3
POLS 1113	American Government	3
<i>Analytical &amp; Quantitative Thought (A)</i>		
STAT 2013 or STAT 2053	Elementary Statistics (A) Elementary Statistics for the Social Sciences (A)	3
<i>Humanities (H)</i>		
Courses designated (H)		6
<i>Natural Sciences (N)</i>		
Must include one Laboratory Science (L) course		
Courses designated (N)		6
<i>Social &amp; Behavioral Sciences (S)</i>		
PSYC 1113	Introductory Psychology (S)	3
HDFS 2113	Lifespan Human Development (S)	3
<i>Additional General Education</i>		
Courses designated (A), (H), (N), or (S)		7
<b>Hours Subtotal</b>		<b>40</b>
<b>Diversity (D) &amp; International Dimension (I)</b>		
May be completed in any part of the degree plan.		
At least one Diversity (D) course.		
At least one International Dimension (I) course.		
<b>College/Departmental Requirements</b>		
<i>First Year Seminar</i>		
(Transfer students with 15 hours exempt.)		1
<i>Arts &amp; Humanities</i>		
(See note 2.a.)		9
<i>Natural &amp; Mathematics Sciences</i>		
(See Note 2.b.)		3
<i>Foreign Language</i>		
(See note 3.)		9
<i>Non-Western Studies</i>		

At least one course. (See note 2.d.)

*Upper-Division General Education*

6 hours outside major department (See note 2.c.)

**Hours Subtotal 22**

### Major Requirements

Minimum major GPA 2.50 in major block.

Minimum GPA in all SOC/ANTH courses 2.50 with a minimum grade of "C" in all SOC/ANTH courses.

Minimum 30 hours of courses with SOC/ANTH prefix.

### Core Requirements

SOC 1113 Introductory Sociology (S) 3

SOC 2123 Social Problems (DS) 3

or ANTH 1353 Introduction to Anthropology (S)

SOC 3113 Theoretical Thinking in Sociology 3

SOC 4133 Social Research Methods 3

SOC 4243 Quantitative Methods in Sociology 3

Select 6 hours from: 6

SOC 3133 Racial and Ethnic Relations (DS)

SOC 3993 Sociology of Aging (DS)

SOC 4213 Sociology of Sexualities (S)

SOC 4383 Social Stratification (S)

SOC 4643 Sociology of Gender (S)

### Environment and Society

SOC 3323 Collective Behavior and Social Movements 3

SOC 4433 Environmental Sociology (S) 3

SOC 4453 Environmental Inequality (S) 3

SOC 4463 Technology and Society 3

SOC 4493 Sociology of Environmental Hazards and Disasters 3

Select 15 hours from: 15

SOC 3223 Social Psychology (S)

SOC 3423 Urban Sociology

SOC 3953 Applied Sociology

SOC 4473 Oklahoma Environmental Sociology

SOC 4533 World Population Problems

SOC 4850 Internship in Sociology

AGEC 4503 Environmental Economics and Resource Development

ECON 4913 Urban and Regional Economics

GEOG 3153 Conservation of Natural Resources (S)

GEOG 4123 Geographical Aspects of Urban Planning

HIST 4063 Historic Preservation

HIST 4503 American Urban History (H)

POLS 4363 Environmental Law And Policy

POLS 4593 Natural Resources and Environmental Policy

PSYC 4213 Conflict Resolution (S)

**Hours Subtotal 51**

### Electives

Select 7 hours 7

May need to include 6 hours upper-division general education outside major department (see note 2.c.) and 1 additional upper-division hour.

<b>Hours Subtotal</b>	<b>7</b>
<b>Total Hours</b>	<b>120</b>

## Other Requirements

- See the College of Arts and Sciences Requirements.
- **Upper-Division Credit:** Total hours must include at least 40 hours in courses numbered 3000 or above.
- **Hours in One Department:** For B.A. and B.S. degrees, no more than 54 hours in one department may be applied to degree requirements.

## College of Arts and Sciences Requirements

### 1. General Education Requirements

No more than two courses (or eight hours) from the major department (<http://catalog.okstate.edu/college-arts-sciences-major-departments/>) may be used to meet General Education and College and Departmental Requirements. The General Education required English Composition, required U.S. History, required American Government, one required MATH or STAT course, and required foreign language for B.A. degrees do not count against the two-course maximum.

### 2. A&S College/Departmental Requirements

- Arts and Humanities are defined as any course carrying an (H) designation or courses from AMST, ART, DANC, ENGL (except ENGL 3323 Technical Writing) HIST, MUSI, PHIL (except PHIL 1313 Logic and Critical Thinking (A), PHIL 3003 Symbolic Logic (A) and PHIL 4003 Mathematical Logic and Computability), REL, TH, and foreign languages.
- Natural and Mathematical Sciences are defined as any course from the following prefixes: ASTR, BIOC, BIOL, CHEM, CS (except CS 4883 Social Issues in Computing), GEOL, MATH, MICR, PBIO, PHYS, and STAT; or courses from other departments that carry an (A) or (N) general education designation.
- The required six hours of upper-division General Education may not include courses from the student's major department. This requirement may be satisfied by courses also used to satisfy any part of a student's degree program (i.e., in General Education, College Departmental Requirements, Major Requirements or Electives).
- Non-Western Studies Requirement for B.A. and B.F.A.; One 3-hour course in Non-Western Studies (N.W.). This requirement may be satisfied by courses also used to satisfy any part of a student's degree program (i.e., in General Education, College Departmental Requirements, Major Requirements or Electives).
- The College of Arts & Sciences requires a minimum 2.0 GPA in all major requirements and a minimum 2.0 GPA in all major-prefix courses applied to the degree.

### 3. Foreign Language Proficiency

- The foreign language requirement for the B.A. may be satisfied by 9 hours college credit in the same language, which must include 3 hours at the 2000-level, or equivalent proficiency (e.g., passing an advanced standing examination; TOEFL exam; presenting a high school transcript which demonstrates the high school was primarily conducted in a language other than English; etc.). Computer Science courses may not be used to satisfy this requirement. Currently Arabic and Mvskoke are not offered at the 2000-level at OSU.

- The foreign language requirement for the B.S., B.M. and B.F.A. may be satisfied by presenting a high school transcript which demonstrates two years of study of a single foreign language (passing grades at second-year level of study). It may also be satisfied by 6 hours college credit in the same language, which must include language courses 1713 and 1813, or equivalent proficiency (e.g., passing an advanced standing examination; TOEFL exam; presenting a high school transcript which demonstrates the high school was primarily conducted in a language other than English; etc.). Computer Science courses may not be used to satisfy this requirement.
- In addition to a. and b., students pursuing teacher certification must meet novice-high foreign language proficiency by presenting a high school transcript which demonstrates two years of study of a single foreign language with no grade below B. Or, students may complete 3 hours college credit in a single language with no grade below C (or pass an advanced standing examination, College Level Examination Program (CLEP) exam, or Oral Proficiency Interview developed by the American Council on the Teaching of Foreign Languages, equivalent to 3 hours of college credit.) Or, students may meet the requirement by transfer of documentation of meeting the foreign language competency from one of the teacher education programs in the State of Oklahoma approved by the Oklahoma State Regents for Higher Education.

### 4. Exclusions

- Courses used to satisfy the General Education English Composition, U.S. History, American Government, and Mathematics or Statistics requirements will not count toward the 54-hour maximum allowed from one department.
- Courses with ATHL or LEIS prefixes and leisure activity courses may not be used for degree credit.

## Additional State/OSU Requirements

- At least: 60 hours at a four-year institution; 30 hours completed at OSU; 15 of the final 30 or 50% of the upper-division hours in the major field completed at OSU.
- Limit of: one-half of major course requirements as transfer work; one-fourth of hours earned by correspondence; 8 transfer correspondence hours.
- Students will be held responsible for degree requirements in effect at the time of matriculation and any changes that are made, so long as these changes do not result in semester credit hours being added or do not delay graduation.
- Degrees that follow this plan must be completed by the end of Summer 2028.

## Example Plan of Study

### Finish in Four Plan of Study

The plan below is an **example** of how students can successfully complete degree requirements in four years. This suggested class schedule plan may be used as a guide and can be adjusted based on individual needs. Students are required to meet with an academic advisor prior to enrollment each semester to plan their class schedule, and students are ultimately responsible for completing all degree requirements.

Course	Title	Hours
<b>Freshman</b>		
<b>Fall</b>		
STAT 2053 or STAT 2013	Elementary Statistics for the Social Sciences (A) or Elementary Statistics (A)	3
SOC 1113	Introductory Sociology (S)	3
1713 First Semester Foreign Language		3
General Education courses		5
<b>Hours</b>		<b>14</b>
<b>Spring</b>		
SOC 2123	Social Problems (DS)	3
1813 Second Semester Foreign Language		3
General Education courses		10
<b>Hours</b>		<b>16</b>
<b>Sophomore</b>		
<b>Fall</b>		
2000-level Foreign Language		3
General Education courses		12
<b>Hours</b>		<b>15</b>
<b>Spring</b>		
Major, College, and Elective courses		15
<b>Hours</b>		<b>15</b>
<b>Junior</b>		
<b>Fall</b>		
SOC 3113	Theoretical Thinking in Sociology	3
Major, College, and Elective courses		12
<b>Hours</b>		<b>15</b>
<b>Spring</b>		
SOC 4133	Social Research Methods	3
Major, College, and Elective courses		12
<b>Hours</b>		<b>15</b>
<b>Senior</b>		
<b>Fall</b>		
SOC 4243	Quantitative Methods in Sociology	3
Major, College, and Elective courses		12
<b>Hours</b>		<b>15</b>
<b>Spring</b>		
Major, College, and Elective courses		15
<b>Hours</b>		<b>15</b>
<b>Total Hours</b>		<b>120</b>

# Sociology: Environment and Society, BS

## Degree Requirements

**Requirements for Students Matriculating in or before Academic Year 2022-2023.** Learn more about University Academic Regulation 3.1 (p. 943).

**Minimum Overall Grade Point Average: 2.00**

**Total Hours: 120**

Code	Title	Hours
<b>General Education Requirements</b>		
<i>English Composition</i>		
See Academic Regulation 3.5 (p. 944)		
ENGL 1113 or ENGL 1313	Composition I Critical Analysis and Writing I	3
ENGL 1213 or ENGL 1413 or ENGL 3323	Composition II Critical Analysis and Writing II Technical Writing	3
<i>American History &amp; Government</i>		
HIST 1103 or HIST 1483 or HIST 1493	Survey of American History American History to 1865 (H) American History Since 1865 (DH)	3
POLS 1113	American Government	3
<i>Analytical &amp; Quantitative Thought (A)</i>		
STAT 2013 or STAT 2053	Elementary Statistics (A) Elementary Statistics for the Social Sciences (A)	3
<i>Humanities (H)</i>		
Courses designated (H)		6
<i>Natural Sciences (N)</i>		
Must include one Laboratory Science (L) course		
Courses designated (N)		6
<i>Social &amp; Behavioral Sciences (S)</i>		
PSYC 1113	Introductory Psychology (S)	3
HDFS 2113	Lifespan Human Development (S)	3
<i>Additional General Education</i>		
Courses designated (A), (H), (N), or (S)		7
<b>Hours Subtotal</b>		<b>40</b>
<b>Diversity (D) &amp; International Dimension (I)</b>		
May be completed in any part of the degree plan.		
At least one Diversity (D) course.		
At least one International Dimension (I) course.		
<b>College/Departmental Requirements</b>		
<i>First Year Seminar</i>		
(Transfer students with 15 hours exempt.)		1
<i>Arts &amp; Humanities</i>		
(See note 2.a.)		3
<i>Natural &amp; Mathematics Sciences</i>		
(See Note 2.b.)		9
<i>Foreign Language</i>		
(See note 3.)		0-6 hours

### Upper-Division General Education

6 hours outside major department (See note 2.c.)

**Hours Subtotal 13**

### Major Requirements

Minimum major GPA 2.50 in major block.

Minimum GPA 2.50. Minimum GPA in all SOC/ANTH 2.50 with minimum grade of "C" in all SOC/ANTH courses.

Minimum 30 hours of courses with SOC/ANTH prefix.

### Core Requirements

SOC 1113	Introductory Sociology (S)	3
SOC 2123 or ANTH 1353	Social Problems (DS) Introduction to Anthropology (S)	3
SOC 3113	Theoretical Thinking in Sociology	3
SOC 4133	Social Research Methods	3
SOC 4243	Quantitative Methods in Sociology	3
Select 6 hours of the following:		6
SOC 3133	Racial and Ethnic Relations (DS)	
SOC 3993	Sociology of Aging (DS)	
SOC 4213	Sociology of Sexualities (S)	
SOC 4383	Social Stratification (S)	
SOC 4643	Sociology of Gender (S)	

### Environment and Society

SOC 3323	Collective Behavior and Social Movements	3
SOC 4433	Environmental Sociology (S)	3
SOC 4453	Environmental Inequality (S)	3
SOC 4463	Technology and Society	3
SOC 4493	Sociology of Environmental Hazards and Disasters	3

Select 15 hours from the following: 15

SOC 3223	Social Psychology (S)	
SOC 3423	Urban Sociology	
SOC 3953	Applied Sociology	
SOC 4473	Oklahoma Environmental Sociology	
SOC 4533	World Population Problems	
SOC 4850	Internship in Sociology	
AGEC 4503	Environmental Economics and Resource Development	
ECON 4913	Urban and Regional Economics	
GEOG 3123	Urban Geography (S)	
GEOG 3153	Conservation of Natural Resources (S)	
GEOG 4123	Geographical Aspects of Urban Planning	
HIST 4063	Historic Preservation	
HIST 4503	American Urban History (H)	
POLS 4363	Environmental Law And Policy	
POLS 4593	Natural Resources and Environmental Policy	
PSYC 4213	Conflict Resolution (S)	

**Hours Subtotal 51**

### Electives

Select 16 hours 16

May need to include 6 hours upper-division general education outside major department (see note 2.c.) and 1 additional upper-division hour.

<b>Hours Subtotal</b>	<b>16</b>
Total Hours	
<b>Total Hours</b>	<b>120</b>

## Other Requirements

- See the College of Arts and Sciences Requirements.
- **Upper-Division Credit:** Total hours must include at least 40 hours in courses numbered 3000 or above.
- **Hours in One Department:** For B.A. and B.S. degrees, no more than 54 hours in one department may be applied to degree requirements.

## College of Arts and Sciences Requirements

### 1. General Education Requirements

No more than two courses (or eight hours) from the major department (<http://catalog.okstate.edu/college-arts-sciences-major-departments/>) may be used to meet General Education and College and Departmental Requirements. The General Education required English Composition, required U.S. History, required American Government, one required MATH or STAT course, and required foreign language for B.A. degrees do not count against the two-course maximum.

### 2. A&S College/Departmental Requirements

- Arts and Humanities are defined as any course carrying an (H) designation or courses from AMST, ART, DANC, ENGL (except ENGL 3323 Technical Writing) HIST, MUSI, PHIL (except PHIL 1313 Logic and Critical Thinking (A), PHIL 3003 Symbolic Logic (A) and PHIL 4003 Mathematical Logic and Computability), REL, TH, and foreign languages.
- Natural and Mathematical Sciences are defined as any course from the following prefixes: ASTR, BIOC, BIOL, CHEM, CS (except CS 4883 Social Issues in Computing), GEOL, MATH, MICR, PBIO, PHYS, and STAT; or courses from other departments that carry an (A) or (N) general education designation.
- The required six hours of upper-division General Education may not include courses from the student's major department. This requirement may be satisfied by courses also used to satisfy any part of a student's degree program (i.e., in General Education, College Departmental Requirements, Major Requirements or Electives).
- Non-Western Studies Requirement for B.A. and B.F.A.; One 3-hour course in Non-Western Studies (N.W.). This requirement may be satisfied by courses also used to satisfy any part of a student's degree program (i.e., in General Education, College Departmental Requirements, Major Requirements or Electives).
- The College of Arts & Sciences requires a minimum 2.0 GPA in all major requirements and a minimum 2.0 GPA in all major-prefix courses applied to the degree.

### 3. Foreign Language Proficiency

- The foreign language requirement for the B.A. may be satisfied by 9 hours college credit in the same language, which must include 3 hours at the 2000-level, or equivalent proficiency (e.g., passing an advanced standing examination; TOEFL exam; presenting a high school transcript which demonstrates the high school was primarily conducted in a language other than English; etc.). Computer Science courses may not be used to satisfy this requirement. Currently Arabic and Mvskoke are not offered at the 2000-level at OSU.

- The foreign language requirement for the B.S., B.M. and B.F.A. may be satisfied by presenting a high school transcript which demonstrates two years of study of a single foreign language (passing grades at second-year level of study). It may also be satisfied by 6 hours college credit in the same language, which must include language courses 1713 and 1813, or equivalent proficiency (e.g., passing an advanced standing examination; TOEFL exam; presenting a high school transcript which demonstrates the high school was primarily conducted in a language other than English; etc.). Computer Science courses may not be used to satisfy this requirement.
- In addition to a. and b., students pursuing teacher certification must meet novice-high foreign language proficiency by presenting a high school transcript which demonstrates two years of study of a single foreign language with no grade below B. Or, students may complete 3 hours college credit in a single language with no grade below C (or pass an advanced standing examination, College Level Examination Program (CLEP) exam, or Oral Proficiency Interview developed by the American Council on the Teaching of Foreign Languages, equivalent to 3 hours of college credit.) Or, students may meet the requirement by transfer of documentation of meeting the foreign language competency from one of the teacher education programs in the State of Oklahoma approved by the Oklahoma State Regents for Higher Education.

### 4. Exclusions

- Courses used to satisfy the General Education English Composition, U.S. History, American Government, and Mathematics or Statistics requirements will not count toward the 54-hour maximum allowed from one department.
- Courses with ATHL or LEIS prefixes and leisure activity courses may not be used for degree credit.

## Additional State/OSU Requirements

- At least: 60 hours at a four-year institution; 30 hours completed at OSU; 15 of the final 30 or 50% of the upper-division hours in the major field completed at OSU.
- Limit of: one-half of major course requirements as transfer work; one-fourth of hours earned by correspondence; 8 transfer correspondence hours.
- Students will be held responsible for degree requirements in effect at the time of matriculation and any changes that are made, so long as these changes do not result in semester credit hours being added or do not delay graduation.
- Degrees that follow this plan must be completed by the end of Summer 2028.

## Example Plan of Study

### Finish in Four Plan of Study

The plan below is an **example** of how students can successfully complete degree requirements in four years. This suggested class schedule plan may be used as a guide and can be adjusted based on individual needs. Students are required to meet with an academic advisor prior to enrollment each semester to plan their class schedule, and students are ultimately responsible for completing all degree requirements.

1800 Sociology: Environment and Society, BS

Course	Title	Hours
<b>Freshman</b>		
<b>Fall</b>		
STAT 2053 or STAT 2013	Elementary Statistics for the Social Sciences (A) or Elementary Statistics (A)	3
SOC 1113	Introductory Sociology (S)	3
General Education courses		10
<b>Hours</b>		<b>16</b>
<b>Spring</b>		
SOC 2123	Social Problems (DS)	3
General Education courses		11
<b>Hours</b>		<b>14</b>
<b>Sophomore</b>		
<b>Fall</b>		
General Education courses		15
<b>Hours</b>		<b>15</b>
<b>Spring</b>		
Major, College, and Elective courses		15
<b>Hours</b>		<b>15</b>
<b>Junior</b>		
<b>Fall</b>		
SOC 3113	Theoretical Thinking in Sociology	3
Major, College, and Elective courses		12
<b>Hours</b>		<b>15</b>
<b>Spring</b>		
SOC 4133	Social Research Methods	3
Major, College, and Elective courses		12
<b>Hours</b>		<b>15</b>
<b>Senior</b>		
<b>Fall</b>		
SOC 4243	Quantitative Methods in Sociology	3
Major, College, and Elective courses		12
<b>Hours</b>		<b>15</b>
<b>Spring</b>		
Major, College, and Elective courses		15
<b>Hours</b>		<b>15</b>
<b>Total Hours</b>		<b>120</b>



## Sociology: Pre-Law, BS

### Degree Requirements

**Requirements for Students Matriculating in or before Academic Year 2022-2023.** Learn more about University Academic Regulation 3.1 (p. 943).

**Minimum Overall Grade Point Average:** 2.00

**Total Hours:** 120

Code	Title	Hours
<b>General Education Requirements</b>		
<i>English Composition</i>		
See Academic Regulation 3.5 (p. 944)		
ENGL 1113	Composition I	3
or ENGL 1313	Critical Analysis and Writing I	
ENGL 1213	Composition II	3
or ENGL 1413	Critical Analysis and Writing II	
or ENGL 3323	Technical Writing	
<i>American History &amp; Government</i>		
HIST 1103	Survey of American History	3
or HIST 1483	American History to 1865 (H)	
or HIST 1493	American History Since 1865 (DH)	
POLS 1113	American Government	3
<i>Analytical &amp; Quantitative Thought (A)</i>		
STAT 2013	Elementary Statistics (A)	3
or STAT 2053	Elementary Statistics for the Social Sciences (A)	
PHIL 1313	Logic and Critical Thinking (A)	3
<i>Humanities (H)</i>		
Courses designated (H)		6
<i>Natural Sciences (N)</i>		
Must include one Laboratory Science (L) course		
Courses designated (N)		6
<i>Social &amp; Behavioral Sciences (S)</i>		
PSYC 1113	Introductory Psychology (S)	3
HDFS 2113	Lifespan Human Development (S)	3
<i>Additional General Education</i>		
Courses designated (A), (H), (N), or (S)		4
<b>Hours Subtotal</b>		<b>40</b>
<b>Diversity (D) &amp; International Dimension (I)</b>		
May be completed in any part of the degree plan		
Select at least one Diversity (D) course		
Select at least one International Dimension (I) course		
<b>College/Departmental Requirements</b>		
<i>First Year Seminar</i>		
(Transfer students with 15 hours exempt)		1
<i>Arts &amp; Humanities</i>		
See note 2.a.		3
<i>Natural &amp; Mathematical Sciences</i>		
See note 2.b.		9
<i>Foreign Language</i>		
See note 3.		0
0-6 hours		

#### Upper-Division General Education

Select 6 hours outside major department

See note 2.c.

**Hours Subtotal** 13

#### Major Requirements

Minimum GPA 2.50.

Minimum GPA in all SOC/ANTH courses 2.50 with a minimum grade of "C" in all SOC/ANTH courses.

Minimum 30 hours of courses with SOC/ANTH prefix.

#### Core Requirements

SOC 1113 Introductory Sociology (S) 3

SOC 2123 Social Problems (DS) 3

or ANTH 3353 Cultural Anthropology (IS)

SOC 3113 Theoretical Thinking in Sociology 3

SOC 4133 Social Research Methods 3

SOC 4243 Quantitative Methods in Sociology 3

Select 6 hours of the following: 6

SOC 3133 Racial and Ethnic Relations (DS)

SOC 3993 Sociology of Aging (DS)

SOC 4213 Sociology of Sexualities (S)

SOC 4383 Social Stratification (S)

SOC 4643 Sociology of Gender (S)

SOC 3223 Social Psychology (S) 3

SOC 3523 Juvenile Delinquency (DS) 3

SOC 4033 Comparative Perspectives of Criminal Justice Systems (IS) 3

SOC 4313 Sociology of Law 3

SOC 4333 Criminology (S) 3

SOC 4923 Sociology of Punishment (S) 3

Select 9 hours of approved law related courses. 3 hours may be lower-division. 9

#### Recommended:

AMIS 4013 American Indian Sovereignty (D)

AMST 3333 Crime, Law and American Culture (S)

ECON 2103 Introduction to Microeconomics (S)

PHIL 3843 Philosophy of Law (H)

POLS 3963 State Courts and the Bar

POLS 4353 Administrative Law

POLS 4963 U.S. Constitution: Civil Rights and Civil Liberties

PSYC 4143 Psychology and Law

SPCH 3733 Elements of Persuasion (S)

SPCH 4753 Intercultural Communication (I)

SPCH 4793 Nonverbal Communication (S)

**Hours Subtotal** 48

#### Electives

Select 19 hours 19

May need to include 6 hours of a foreign language (see note 3)

May need to include 6 hours upper-division general education outside major department (see note 2.c.)

**Hours Subtotal** 19

**Total Hours** 120

## Other Requirements

- See the College of Arts and Sciences Requirements.
- **Upper-Division Credit:** Total hours must include at least 40 hours in courses numbered 3000 or above.
- **Hours in One Department:** For B.A. and B.S. degrees, no more than 54 hours in one department may be applied to degree requirements.

## College of Arts and Sciences Requirements

### 1. General Education Requirements

No more than two courses (or eight hours) from the major department (<http://catalog.okstate.edu/college-arts-sciences-major-departments/>) may be used to meet General Education and College and Departmental Requirements. The General Education required English Composition, required U.S. History, required American Government, one required MATH or STAT course, and required foreign language for B.A. degrees do not count against the two-course maximum.

### 2. A&S College/Departmental Requirements

- Arts and Humanities are defined as any course carrying an (H) designation or courses from AMST, ART, DANC, ENGL (except ENGL 3323 Technical Writing) HIST, MUSI, PHIL (except PHIL 1313 Logic and Critical Thinking (A), PHIL 3003 Symbolic Logic (A) and PHIL 4003 Mathematical Logic and Computability), REL, TH, and foreign languages.
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- The required six hours of upper-division General Education may not include courses from the student's major department. This requirement may be satisfied by courses also used to satisfy any part of a student's degree program (i.e., in General Education, College Departmental Requirements, Major Requirements or Electives).
- Non-Western Studies Requirement for B.A. and B.F.A.; One 3-hour course in Non-Western Studies (N.W.). This requirement may be satisfied by courses also used to satisfy any part of a student's degree program (i.e., in General Education, College Departmental Requirements, Major Requirements or Electives).
- The College of Arts & Sciences requires a minimum 2.0 GPA in all major requirements and a minimum 2.0 GPA in all major-prefix courses applied to the degree.

### 3. Foreign Language Proficiency

- The foreign language requirement for the B.A. may be satisfied by 9 hours college credit in the same language, which must include 3 hours at the 2000-level, or equivalent proficiency (e.g., passing an advanced standing examination; TOEFL exam; presenting a high school transcript which demonstrates the high school was primarily conducted in a language other than English; etc.). Computer Science courses may not be used to satisfy this requirement. Currently Arabic and Mvskoke are not offered at the 2000-level at OSU.
- The foreign language requirement for the B.S., B.M. and B.F.A. may be satisfied by presenting a high school transcript which demonstrates two years of study of a single foreign language (passing grades at second-year level of study). It may also

be satisfied by 6 hours college credit in the same language, which must include language courses 1713 and 1813, or equivalent proficiency (e.g., passing an advanced standing examination; TOEFL exam; presenting a high school transcript which demonstrates the high school was primarily conducted in a language other than English; etc.). Computer Science courses may not be used to satisfy this requirement.

- In addition to a. and b., students pursuing teacher certification must meet novice-high foreign language proficiency by presenting a high school transcript which demonstrates two years of study of a single foreign language with no grade below B. Or, students may complete 3 hours college credit in a single language with no grade below C (or pass an advanced standing examination, College Level Examination Program (CLEP) exam, or Oral Proficiency Interview developed by the American Council on the Teaching of Foreign Languages, equivalent to 3 hours of college credit.) Or, students may meet the requirement by transfer of documentation of meeting the foreign language competency from one of the teacher education programs in the State of Oklahoma approved by the Oklahoma State Regents for Higher Education.

### 4. Exclusions

- Courses used to satisfy the General Education English Composition, U.S. History, American Government, and Mathematics or Statistics requirements will not count toward the 54-hour maximum allowed from one department.
- Courses with ATHL or LEIS prefixes and leisure activity courses may not be used for degree credit.

## Additional State/OSU Requirements

- At least: 60 hours at a four-year institution; 30 hours completed at OSU; 15 of the final 30 or 50% of the upper-division hours in the major field completed at OSU.
- Limit of: one-half of major course requirements as transfer work; one-fourth of hours earned by correspondence; 8 transfer correspondence hours.
- Students will be held responsible for degree requirements in effect at the time of matriculation and any changes that are made, so long as these changes do not result in semester credit hours being added or do not delay graduation.
- Degrees that follow this plan must be completed by the end of Summer 2028.

## Example Plan of Study

### Finish in Four Plan of Study

The plan below is an **example** of how students can successfully complete degree requirements in four years. This suggested class schedule plan may be used as a guide and can be adjusted based on individual needs. Students are required to meet with an academic advisor prior to enrollment each semester to plan their class schedule, and students are ultimately responsible for completing all degree requirements.

Course	Title	Hours
<b>Freshman</b>		
<b>Fall</b>		
STAT 2053 or STAT 2013	Elementary Statistics for the Social Sciences (A) or Elementary Statistics (A)	3
SOC 1113	Introductory Sociology (S)	3

General Education courses		10
	<b>Hours</b>	<b>16</b>
<b>Spring</b>		
SOC 2123	Social Problems (DS)	3
General Education courses		11
	<b>Hours</b>	<b>14</b>
<b>Sophomore</b>		
<b>Fall</b>		
PHIL 1313	Logic and Critical Thinking (A)	3
General Education courses		12
	<b>Hours</b>	<b>15</b>
<b>Spring</b>		
Major, College, and Elective courses		15
	<b>Hours</b>	<b>15</b>
<b>Junior</b>		
<b>Fall</b>		
SOC 3113	Theoretical Thinking in Sociology	3
Major, College, and Elective courses		12
	<b>Hours</b>	<b>15</b>
<b>Spring</b>		
SOC 4133	Social Research Methods	3
Major, College, and Elective courses		12
	<b>Hours</b>	<b>15</b>
<b>Senior</b>		
<b>Fall</b>		
SOC 4243	Quantitative Methods in Sociology	3
Major, College, and Elective courses		12
	<b>Hours</b>	<b>15</b>
<b>Spring</b>		
Major, College, and Elective courses		15
	<b>Hours</b>	<b>15</b>
	<b>Total Hours</b>	<b>120</b>

## Sociology: Pre-Medical Science, BS

### Degree Requirements

**Requirements for Students Matriculating in or before Academic Year 2022-2023.** Learn more about University Academic Regulation 3.1 (p. 943).

**Minimum Overall Grade Point Average: 2.00**

**Total Hours: 120**

Code	Title	Hours
<b>General Education Requirements</b>		
<i>English Composition</i>		
See Academic Regulation 3.5 (p. 944)		
ENGL 1113 or ENGL 1313	Composition I Critical Analysis and Writing I	3
ENGL 1213 or ENGL 1413 or ENGL 3323	Composition II Critical Analysis and Writing II Technical Writing	3
<i>American History &amp; Government</i>		
HIST 1103 or HIST 1483 or HIST 1493	Survey of American History American History to 1865 (H) American History Since 1865 (DH)	3
POLS 1113	American Government	3
<i>Analytical &amp; Quantitative Thought (A)</i>		
STAT 2013 or STAT 2053	Elementary Statistics (A) Elementary Statistics for the Social Sciences (A)	3
<i>Humanities (H)</i>		
Courses designated (H)		6
<i>Natural Sciences (N)</i>		
Must include one Laboratory Science (L) course		
BIOL 1113 & BIOL 1111 or BIOL 1114	Introductory Biology (N) and Introductory Biology Laboratory (LN) Introductory Biology (LN)	4
CHEM 1314	Chemistry I (LN)	4
PHYS 1114 or PHYS 2014	College Physics I (LN) University Physics I (LN)	4
<i>Social &amp; Behavioral Sciences (S)</i>		
Course designated (S)		3
<i>Additional General Education</i>		
Courses designated (A), (H), (N), or (S)		6
<b>Hours Subtotal</b>		<b>42</b>
<b>Diversity (D) &amp; International Dimension (I)</b>		
May be completed in any part of the degree plan		
Select at least one Diversity (D) course		
Select at least one International Dimension (I) course		
<b>College/Departmental Requirements</b>		
<i>First Year Seminar</i>		
(Transfer students with 15 hours exempt)		1
<i>Arts &amp; Humanities</i>		
See note 2.a.		3
<i>Natural &amp; Mathematical Sciences</i>		
CHEM 1515	Chemistry II (LN)	5

BIOL 1604	Animal Biology	4
<i>Foreign Language</i>		
See note 3		
0-6 hours		
<i>Upper-Division General Education</i>		
Select 6 hours outside major department		
See note 2.c.		
<b>Hours Subtotal</b>		<b>13</b>
<b>Major Requirements</b>		
Minimum GPA 2.50.		
Minimum GPA in all SOC/ANTH courses 2.50 with a minimum grade of "C" in all SOC/ANTH courses.		
Minimum 30 hours of courses with SOC/ANTH prefix.		
<i>Core Requirements</i>		
SOC 1113	Introductory Sociology (S)	3
SOC 2123 or ANTH 3353	Social Problems (DS) Cultural Anthropology (IS)	3
SOC 3113	Theoretical Thinking in Sociology	3
SOC 4133	Social Research Methods	3
SOC 4243	Quantitative Methods in Sociology	3
Select 21 hours of upper-division courses from the following:		21
SOC 3133	Racial and Ethnic Relations (DS)	
SOC 3223	Social Psychology (S)	
SOC 3993	Sociology of Aging (DS)	
SOC 4043	Gender and Work (DS)	
SOC 4153	Sociology of Health and Illness	
SOC 4213	Sociology of Sexualities (S)	
SOC 4383	Social Stratification (S)	
SOC 4433	Environmental Sociology (S)	
SOC 4453	Environmental Inequality (S)	
SOC 4533	World Population Problems	
SOC 4643	Sociology of Gender (S)	
BIOL 3023	General Genetics <sup>1</sup>	3
CHEM 3053	Organic Chemistry I <sup>1</sup>	3
CHEM 3112	Organic Chemistry Laboratory <sup>1</sup>	2
CHEM 3153	Organic Chemistry II <sup>1</sup>	3
PHYS 1214 or PHYS 2114	College Physics II (LN) <sup>1</sup> University Physics II (LN)	4
<b>Hours Subtotal</b>		<b>51</b>
<b>Electives</b>		
Select 14 hours <sup>1, 2</sup>		14
May need to include 6 hours of a foreign language. See note 3.		
May need to include 6 hours upper-division general education outside major department (see note 2.c.)		
<b>Hours Subtotal</b>		<b>14</b>
<b>Total Hours</b>		<b>120</b>

1

With approval from the advisor and department head, a maximum of 30 hours from an accredited doctoral law or health program may be used for these areas.

2

Recommend: BIOC 3653 Survey of Biochemistry & MICR 3033 Cell and Molecular Biology.

## Other Requirements

- See the College of Arts and Sciences Requirements.
- **Upper-Division Credit:** Total hours must include at least 40 hours in courses numbered 3000 or above.
- **Hours in One Department:** For B.A. and B.S. degrees, no more than 54 hours in one department may be applied to degree requirements.

## College of Arts and Sciences Requirements

### 1. General Education Requirements

No more than two courses (or eight hours) from the major department (<http://catalog.okstate.edu/college-arts-sciences-major-departments/>) may be used to meet General Education and College and Departmental Requirements. The General Education required English Composition, required U.S. History, required American Government, one required MATH or STAT course, and required foreign language for B.A. degrees do not count against the two-course maximum.

### 2. A&S College/Departmental Requirements

- Arts and Humanities are defined as any course carrying an (H) designation or courses from AMST, ART, DANC, ENGL (except ENGL 3323 Technical Writing) HIST, MUSI, PHIL (except PHIL 1313 Logic and Critical Thinking (A), PHIL 3003 Symbolic Logic (A) and PHIL 4003 Mathematical Logic and Computability), REL, TH, and foreign languages.
- Natural and Mathematical Sciences are defined as any course from the following prefixes: ASTR, BIOC, BIOL, CHEM, CS (except CS 4883 Social Issues in Computing), GEOL, MATH, MICR, PBIO, PHYS, and STAT; or courses from other departments that carry an (A) or (N) general education designation.
- The required six hours of upper-division General Education may not include courses from the student's major department. This requirement may be satisfied by courses also used to satisfy any part of a student's degree program (i.e., in General Education, College Departmental Requirements, Major Requirements or Electives).
- Non-Western Studies Requirement for B.A. and B.F.A.; One 3-hour course in Non-Western Studies (N.W.). This requirement may be satisfied by courses also used to satisfy any part of a student's degree program (i.e., in General Education, College Departmental Requirements, Major Requirements or Electives).
- The College of Arts & Sciences requires a minimum 2.0 GPA in all major requirements and a minimum 2.0 GPA in all major-prefix courses applied to the degree.

### 3. Foreign Language Proficiency

- The foreign language requirement for the B.A. may be satisfied by 9 hours college credit in the same language, which must include 3 hours at the 2000-level, or equivalent proficiency (e.g., passing an advanced standing examination; TOEFL exam; presenting a high school transcript which demonstrates the high school was primarily conducted in a language other than English; etc.). Computer Science courses may not be used to satisfy this requirement. Currently Arabic and Mvskoke are not offered at the 2000-level at OSU.

- The foreign language requirement for the B.S., B.M. and B.F.A. may be satisfied by presenting a high school transcript which demonstrates two years of study of a single foreign language (passing grades at second-year level of study). It may also be satisfied by 6 hours college credit in the same language, which must include language courses 1713 and 1813, or equivalent proficiency (e.g., passing an advanced standing examination; TOEFL exam; presenting a high school transcript which demonstrates the high school was primarily conducted in a language other than English; etc.). Computer Science courses may not be used to satisfy this requirement.
- In addition to a. and b., students pursuing teacher certification must meet novice-high foreign language proficiency by presenting a high school transcript which demonstrates two years of study of a single foreign language with no grade below B. Or, students may complete 3 hours college credit in a single language with no grade below C (or pass an advanced standing examination, College Level Examination Program (CLEP) exam, or Oral Proficiency Interview developed by the American Council on the Teaching of Foreign Languages, equivalent to 3 hours of college credit.) Or, students may meet the requirement by transfer of documentation of meeting the foreign language competency from one of the teacher education programs in the State of Oklahoma approved by the Oklahoma State Regents for Higher Education.

### 4. Exclusions

- Courses used to satisfy the General Education English Composition, U.S. History, American Government, and Mathematics or Statistics requirements will not count toward the 54-hour maximum allowed from one department.
- Courses with ATHL or LEIS prefixes and leisure activity courses may not be used for degree credit.

## Additional State/OSU Requirements

- At least: 60 hours at a four-year institution; 30 hours completed at OSU; 15 of the final 30 or 50% of the upper-division hours in the major field completed at OSU.
- Limit of: one-half of major course requirements as transfer work; one-fourth of hours earned by correspondence; 8 transfer correspondence hours.
- Students will be held responsible for degree requirements in effect at the time of matriculation and any changes that are made, so long as these changes do not result in semester credit hours being added or do not delay graduation.
- Degrees that follow this plan must be completed by the end of Summer 2028.

## Example Plan of Study

### Finish in Four Plan of Study

The plan below is an **example** of how students can successfully complete degree requirements in four years. This suggested class schedule plan may be used as a guide and can be adjusted based on individual needs. Students are required to meet with an academic advisor prior to enrollment each semester to plan their class schedule, and students are ultimately responsible for completing all degree requirements.

Course	Title	Hours
<b>Freshman</b>		
<b>Fall</b>		
STAT 2053 or STAT 2013	Elementary Statistics for the Social Sciences (A) or Elementary Statistics (A)	3
SOC 1113	Introductory Sociology (S)	3
BIOL 1114	Introductory Biology (LN)	4
General Education courses		5
<b>Hours</b>		<b>15</b>
<b>Spring</b>		
SOC 2123	Social Problems (DS)	3
CHEM 1314	Chemistry I (LN)	4
General Education courses		8
<b>Hours</b>		<b>15</b>
<b>Sophomore</b>		
<b>Fall</b>		
CHEM 1515	Chemistry II (LN)	5
BIOL 1604	Animal Biology	4
General Education courses		6
<b>Hours</b>		<b>15</b>
<b>Spring</b>		
CHEM 3053	Organic Chemistry I	3
3 hours Pre-Med Science		3
Major, College, and Elective courses		9
<b>Hours</b>		<b>15</b>
<b>Junior</b>		
<b>Fall</b>		
SOC 3113	Theoretical Thinking in Sociology	3
CHEM 3153	Organic Chemistry II	3
CHEM 3112	Organic Chemistry Laboratory	2
PHYS 1114	College Physics I (LN)	4
Major, College, and Elective courses		3
<b>Hours</b>		<b>15</b>
<b>Spring</b>		
SOC 4133	Social Research Methods	3
PHYS 1214	College Physics II (LN)	4
BIOL 3023	General Genetics	3
Major, College, and Elective courses		5
<b>Hours</b>		<b>15</b>
<b>Senior</b>		
<b>Fall</b>		
SOC 4243	Quantitative Methods in Sociology	3
Major, College, and Elective courses		12
<b>Hours</b>		<b>15</b>
<b>Spring</b>		
Major, College, and Elective courses		15
<b>Hours</b>		<b>15</b>
<b>Total Hours</b>		<b>120</b>



## Sociology: Social Services, BA

### Degree Requirements

**Requirements for Students Matriculating in or before Academic Year 2022-2023.** Learn more about University Academic Regulation 3.1 (p. 943).

**Minimum Overall Grade Point Average:** 2.00

**Total Hours:** 120

Code	Title	Hours
<b>General Education Requirements</b>		
<i>English Composition</i>		
See Academic Regulation 3.5 (p. 944)		
ENGL 1113 or ENGL 1313	Composition I Critical Analysis and Writing I	3
ENGL 1213 or ENGL 1413 or ENGL 3323	Composition II Critical Analysis and Writing II Technical Writing	3
<i>American History &amp; Government</i>		
HIST 1103 or HIST 1483 or HIST 1493	Survey of American History American History to 1865 (H) American History Since 1865 (DH)	3
POLS 1113	American Government	3
<i>Analytical &amp; Quantitative Thought (A)</i>		
STAT 2013 or STAT 2053	Elementary Statistics (A) Elementary Statistics for the Social Sciences (A)	3
<i>Humanities (H)</i>		
Courses designated (H)		6
<i>Natural Sciences (N)</i>		
Must include one Laboratory Science (L) course		
Courses designated (N)		6
<i>Social &amp; Behavioral Sciences (S)</i>		
PSYC 1113	Introductory Psychology (S)	3
HDFS 2113	Lifespan Human Development (S)	3
<i>Additional General Education</i>		
Courses designated (A), (H), (N), or (S)		7
<b>Hours Subtotal</b>		<b>40</b>
<b>Diversity (D) &amp; International Dimension (I)</b>		
May be completed in any part of the degree plan.		
At least one Diversity (D) course.		
At least one International Dimension (I) course.		
<b>College/Departmental Requirements</b>		
<i>First Year Seminar</i>		
(Transfer students with 15 hours exempt.)		1
<i>Arts &amp; Humanities</i>		
(See note 2.a.)		9
<i>Natural &amp; Mathematics Sciences</i>		
(See Note 2.b.)		3
<i>Foreign Language</i>		
(See note 3.)		9
<i>Non-Western Studies</i>		
At least one course. (See note 2.d.)		

#### Upper-Division General Education

6 hours outside major department (See note 2.c.)		
<b>Hours Subtotal</b>		<b>22</b>
<b>Major Requirements</b>		
Minimum major GPA 2.50 in major block.		
Minimum GPA in all SOC/ANTH courses 2.50 with a minimum grade of "C" in all SOC/ANTH courses.		
Minimum 30 hours of courses with SOC/ANTH prefix.		
<i>Core Requirements</i>		
SOC 1113	Introductory Sociology (S)	3
SOC 2123 or ANTH 1353	Social Problems (DS) Introduction to Anthropology (S)	3
SOC 3113	Theoretical Thinking in Sociology	3
SOC 4133	Social Research Methods	3
SOC 4243	Quantitative Methods in Sociology	3
Select 6 hours from:		6
SOC 3133	Racial and Ethnic Relations (DS)	
SOC 3993	Sociology of Aging (DS)	
SOC 4213	Sociology of Sexualities (S)	
SOC 4383	Social Stratification (S)	
SOC 4643	Sociology of Gender (S)	
<i>Social Services</i>		
SOC 3223	Social Psychology (S)	3
SOC 3323	Collective Behavior and Social Movements	3
SOC 4153	Sociology of Health and Illness	3
SOC 4723	Sociology of Families (S)	3
Select nine hours from:		9
SOC 2243	Drugs and Drug Policy in the United States	
SOC 3523	Juvenile Delinquency (DS)	
SOC 3953	Applied Sociology	
SOC 4023	Juvenile Corrections and Treatment Strategies	
SOC 4043	Gender and Work (DS)	
SOC 4653	Gender and the Middle East (IS)	
SOC 4850	Internship in Sociology	
Select nine hours from:		9
HDFS 3423	Adolescent Development in Family Contexts (S)	
HDFS 3443	Family Dynamics	
HDFS 4423	Family Risk and Resilience	
HLTH 3113	Health Issues in Diverse Populations (D)	
HLTH 3613	Community Health	
HLTH 3913	Alcohol and Drug Education	
GWST 3553	LGBTQ Lives in the United States (D)	
GWST 3613	Race and Reproduction in the U.S. (D)	
PSYC 4213	Conflict Resolution (S)	
<b>Hours Subtotal</b>		<b>51</b>
<b>Electives</b>		
Select 7 hours.		7
May need to include 6 hours upper-division general education outside major department (see note 2.c.) and 1 additional upper-division hour.		

Hours Subtotal	7
Total Hours	120

## Other Requirements

- See the College of Arts and Sciences Requirements.
- **Upper-Division Credit:** Total hours must include at least 40 hours in courses numbered 3000 or above.
- **Hours in One Department:** For B.A. and B.S. degrees, no more than 54 hours in one department may be applied to degree requirements.

## College of Arts and Sciences Requirements

### 1. General Education Requirements

No more than two courses (or eight hours) from the major department (<http://catalog.okstate.edu/college-arts-sciences-major-departments/>) may be used to meet General Education and College and Departmental Requirements. The General Education required English Composition, required U.S. History, required American Government, one required MATH or STAT course, and required foreign language for B.A. degrees do not count against the two-course maximum.

### 2. A&S College/Departmental Requirements

- Arts and Humanities are defined as any course carrying an (H) designation or courses from AMST, ART, DANC, ENGL (except ENGL 3323 Technical Writing) HIST, MUSI, PHIL (except PHIL 1313 Logic and Critical Thinking (A), PHIL 3003 Symbolic Logic (A) and PHIL 4003 Mathematical Logic and Computability), REL, TH, and foreign languages.
- Natural and Mathematical Sciences are defined as any course from the following prefixes: ASTR, BIOC, BIOL, CHEM, CS (except CS 4883 Social Issues in Computing), GEOL, MATH, MICR, PBIO, PHYS, and STAT; or courses from other departments that carry an (A) or (N) general education designation.
- The required six hours of upper-division General Education may not include courses from the student's major department. This requirement may be satisfied by courses also used to satisfy any part of a student's degree program (i.e., in General Education, College Departmental Requirements, Major Requirements or Electives).
- Non-Western Studies Requirement for B.A. and B.F.A.; One 3-hour course in Non-Western Studies (N.W.). This requirement may be satisfied by courses also used to satisfy any part of a student's degree program (i.e., in General Education, College Departmental Requirements, Major Requirements or Electives).
- The College of Arts & Sciences requires a minimum 2.0 GPA in all major requirements and a minimum 2.0 GPA in all major-prefix courses applied to the degree.

### 3. Foreign Language Proficiency

- The foreign language requirement for the B.A. may be satisfied by 9 hours college credit in the same language, which must include 3 hours at the 2000-level, or equivalent proficiency (e.g., passing an advanced standing examination; TOEFL exam; presenting a high school transcript which demonstrates the high school was primarily conducted in a language other than English; etc.). Computer Science courses may not be used to satisfy this requirement. Currently Arabic and Mvskoke are not offered at the 2000-level at OSU.

- The foreign language requirement for the B.S., B.M. and B.F.A. may be satisfied by presenting a high school transcript which demonstrates two years of study of a single foreign language (passing grades at second-year level of study). It may also be satisfied by 6 hours college credit in the same language, which must include language courses 1713 and 1813, or equivalent proficiency (e.g., passing an advanced standing examination; TOEFL exam; presenting a high school transcript which demonstrates the high school was primarily conducted in a language other than English; etc.). Computer Science courses may not be used to satisfy this requirement.
- In addition to a. and b., students pursuing teacher certification must meet novice-high foreign language proficiency by presenting a high school transcript which demonstrates two years of study of a single foreign language with no grade below B. Or, students may complete 3 hours college credit in a single language with no grade below C (or pass an advanced standing examination, College Level Examination Program (CLEP) exam, or Oral Proficiency Interview developed by the American Council on the Teaching of Foreign Languages, equivalent to 3 hours of college credit.) Or, students may meet the requirement by transfer of documentation of meeting the foreign language competency from one of the teacher education programs in the State of Oklahoma approved by the Oklahoma State Regents for Higher Education.

### 4. Exclusions

- Courses used to satisfy the General Education English Composition, U.S. History, American Government, and Mathematics or Statistics requirements will not count toward the 54-hour maximum allowed from one department.
- Courses with ATHL or LEIS prefixes and leisure activity courses may not be used for degree credit.

## Additional State/OSU Requirements

- At least: 60 hours at a four-year institution; 30 hours completed at OSU; 15 of the final 30 or 50% of the upper-division hours in the major field completed at OSU.
- Limit of: one-half of major course requirements as transfer work; one-fourth of hours earned by correspondence; 8 transfer correspondence hours.
- Students will be held responsible for degree requirements in effect at the time of matriculation and any changes that are made, so long as these changes do not result in semester credit hours being added or do not delay graduation.
- Degrees that follow this plan must be completed by the end of Summer 2028.

## Example Plan of Study

### Finish in Four Plan of Study

The plan below is an **example** of how students can successfully complete degree requirements in four years. This suggested class schedule plan may be used as a guide and can be adjusted based on individual needs. Students are required to meet with an academic advisor prior to enrollment each semester to plan their class schedule, and students are ultimately responsible for completing all degree requirements.

Course	Title	Hours
<b>Freshman</b>		
<b>Fall</b>		
STAT 2053 or STAT 2013	Elementary Statistics for the Social Sciences (A) or Elementary Statistics (A)	3
SOC 1113	Introductory Sociology (S)	3
General Education courses		10
<b>Hours</b>		<b>16</b>
<b>Spring</b>		
SOC 2123	Social Problems (DS)	3
General Education courses		11
<b>Hours</b>		<b>14</b>
<b>Sophomore</b>		
<b>Fall</b>		
1713 First Semester Foreign Language		3
General Education courses		12
<b>Hours</b>		<b>15</b>
<b>Spring</b>		
Major, College, and Elective courses		12
1813 Second Semester Foreign Language		3
<b>Hours</b>		<b>15</b>
<b>Junior</b>		
<b>Fall</b>		
SOC 3113	Theoretical Thinking in Sociology	3
2000-level Foreign Language		3
Major, College, and Elective courses		9
<b>Hours</b>		<b>15</b>
<b>Spring</b>		
SOC 4133	Social Research Methods	3
Major, College, and Elective courses		12
<b>Hours</b>		<b>15</b>
<b>Senior</b>		
<b>Fall</b>		
SOC 4243	Quantitative Methods in Sociology	3
Major, College, and Elective courses		12
<b>Hours</b>		<b>15</b>
<b>Spring</b>		
SOC 4950	Current Topics in Sociology (Internship)	4
Major, College, and Elective courses		11
<b>Hours</b>		<b>15</b>
<b>Total Hours</b>		<b>120</b>

## Sociology: Social Services, BS

### Degree Requirements

**Requirements for Students Matriculating in or before Academic Year 2022-2023.** Learn more about University Academic Regulation 3.1 (p. 943).

**Minimum Overall Grade Point Average: 2.00**

**Total Hours: 120**

Code	Title	Hours
<b>General Education Requirements</b>		
<i>English Composition</i>		
See Academic Regulation 3.5 (p. 944)		
ENGL 1113 or ENGL 1313	Composition I Critical Analysis and Writing I	3
ENGL 1213 or ENGL 1413 or ENGL 3323	Composition II Critical Analysis and Writing II Technical Writing	3
<i>American History &amp; Government</i>		
HIST 1103 or HIST 1483 or HIST 1493	Survey of American History American History to 1865 (H) American History Since 1865 (DH)	3
POLS 1113	American Government	3
<i>Analytical &amp; Quantitative Thought (A)</i>		
STAT 2013 or STAT 2053	Elementary Statistics (A) Elementary Statistics for the Social Sciences (A)	3
<i>Humanities (H)</i>		
Courses designated (H)		6
<i>Natural Sciences (N)</i>		
Must include one Laboratory Science (L) course		
Courses designated (N)		6
<i>Social &amp; Behavioral Sciences (S)</i>		
PSYC 1113	Introductory Psychology (S)	3
HDFS 2113	Lifespan Human Development (S)	3
<i>Additional General Education</i>		
Courses designated (A), (H), (N), or (S)		7
<b>Hours Subtotal</b>		<b>40</b>
<b>Diversity (D) &amp; International Dimension (I)</b>		
May be completed in any part of the degree plan.		
At least one Diversity (D) course.		
At least one International Dimension (I) course.		
<b>College/Departmental Requirements</b>		
<i>First Year Seminar</i>		
(Transfer students with 15 hours exempt.)		1
<i>Arts &amp; Humanities</i>		
(See note 2.a.)		3
<i>Natural &amp; Mathematics Sciences</i>		
(See Note 2.b.)		9
<i>Foreign Language</i>		
(See note 3.)		0-6 hours
<i>Upper-Division General Education</i>		

6 hours outside major department (See note 2.c.)

<b>Hours Subtotal</b>	<b>13</b>
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#### Major Requirements

Minimum major GPA 2.50 in major block.

Minimum GPA in all SOC/ANTH courses 2.50 with a minimum grade of "C" in all SOC/ANTH courses..

Minimum 30 hours of courses with SOC/ANTH prefix.

#### Core Requirements

SOC 1113	Introductory Sociology (S)	3
SOC 2123 or ANTH 1353	Social Problems (DS) Introduction to Anthropology (S)	3
SOC 3113	Theoretical Thinking in Sociology	3
SOC 4133	Social Research Methods	3
SOC 4243	Quantitative Methods in Sociology	3
Select 6 hours of the following:		6
SOC 3133	Racial and Ethnic Relations (DS)	
SOC 3993	Sociology of Aging (DS)	
SOC 4213	Sociology of Sexualities (S)	
SOC 4383	Social Stratification (S)	
SOC 4643	Sociology of Gender (S)	

#### Social Services

SOC 3223	Social Psychology (S)	3
SOC 3323	Collective Behavior and Social Movements	3
SOC 4153	Sociology of Health and Illness	3
SOC 4723	Sociology of Families (S)	3
Select 9 hours form the following:		9
SOC 2243	Drugs and Drug Policy in the United States	
SOC 3523	Juvenile Delinquency (DS)	
SOC 3953	Applied Sociology	
SOC 4023	Juvenile Corrections and Treatment Strategies	
SOC 4043	Gender and Work (DS)	
SOC 4653	Gender and the Middle East (IS)	
SOC 4850	Internship in Sociology	

Select 9 hours from the following:

HDFS 3423	Adolescent Development in Family Contexts (S)	
HDFS 3443	Family Dynamics	
HDFS 4423	Family Risk and Resilience	
HLTH 3113	Health Issues in Diverse Populations (D)	
HLTH 3613	Community Health	
HLTH 3913	Alcohol and Drug Education	
GWST 3553	LGBTQ Lives in the United States (D)	
GWST 3613	Race and Reproduction in the U.S. (D)	
PSYC 4213	Conflict Resolution (S)	

<b>Hours Subtotal</b>	<b>51</b>
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#### Electives

Select 16 hours	16
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May need to include 6 hours upper-division general education outside major department (see note 2.c.) and 1 additional upper-division hour.

<b>Hours Subtotal</b>	<b>16</b>
<b>Total Hours</b>	<b>120</b>

## Other Requirements

- See the College of Arts and Sciences Requirements.
- **Upper-Division Credit:** Total hours must include at least 40 hours in courses numbered 3000 or above.
- **Hours in One Department:** For B.A. and B.S. degrees, no more than 54 hours in one department may be applied to degree requirements.

## College of Arts and Sciences Requirements

### 1. General Education Requirements

No more than two courses (or eight hours) from the major department (<http://catalog.okstate.edu/college-arts-sciences-major-departments/>) may be used to meet General Education and College and Departmental Requirements. The General Education required English Composition, required U.S. History, required American Government, one required MATH or STAT course, and required foreign language for B.A. degrees do not count against the two-course maximum.

### 2. A&S College/Departmental Requirements

- Arts and Humanities are defined as any course carrying an (H) designation or courses from AMST, ART, DANC, ENGL (except ENGL 3323 Technical Writing) HIST, MUSI, PHIL (except PHIL 1313 Logic and Critical Thinking (A), PHIL 3003 Symbolic Logic (A) and PHIL 4003 Mathematical Logic and Computability), REL, TH, and foreign languages.
- Natural and Mathematical Sciences are defined as any course from the following prefixes: ASTR, BIOC, BIOL, CHEM, CS (except CS 4883 Social Issues in Computing), GEOL, MATH, MICR, PBIO, PHYS, and STAT; or courses from other departments that carry an (A) or (N) general education designation.
- The required six hours of upper-division General Education may not include courses from the student's major department. This requirement may be satisfied by courses also used to satisfy any part of a student's degree program (i.e., in General Education, College Departmental Requirements, Major Requirements or Electives).
- Non-Western Studies Requirement for B.A. and B.F.A.; One 3-hour course in Non-Western Studies (N.W.). This requirement may be satisfied by courses also used to satisfy any part of a student's degree program (i.e., in General Education, College Departmental Requirements, Major Requirements or Electives).
- The College of Arts & Sciences requires a minimum 2.0 GPA in all major requirements and a minimum 2.0 GPA in all major-prefix courses applied to the degree.

### 3. Foreign Language Proficiency

- The foreign language requirement for the B.A. may be satisfied by 9 hours college credit in the same language, which must include 3 hours at the 2000-level, or equivalent proficiency (e.g., passing an advanced standing examination; TOEFL exam; presenting a high school transcript which demonstrates the high school was primarily conducted in a language other than English; etc.). Computer Science courses may not be used to satisfy this requirement. Currently Arabic and Mvskoke are not offered at the 2000-level at OSU.

- The foreign language requirement for the B.S., B.M. and B.F.A. may be satisfied by presenting a high school transcript which demonstrates two years of study of a single foreign language (passing grades at second-year level of study). It may also be satisfied by 6 hours college credit in the same language, which must include language courses 1713 and 1813, or equivalent proficiency (e.g., passing an advanced standing examination; TOEFL exam; presenting a high school transcript which demonstrates the high school was primarily conducted in a language other than English; etc.). Computer Science courses may not be used to satisfy this requirement.
- In addition to a. and b., students pursuing teacher certification must meet novice-high foreign language proficiency by presenting a high school transcript which demonstrates two years of study of a single foreign language with no grade below B. Or, students may complete 3 hours college credit in a single language with no grade below C (or pass an advanced standing examination, College Level Examination Program (CLEP) exam, or Oral Proficiency Interview developed by the American Council on the Teaching of Foreign Languages, equivalent to 3 hours of college credit.) Or, students may meet the requirement by transfer of documentation of meeting the foreign language competency from one of the teacher education programs in the State of Oklahoma approved by the Oklahoma State Regents for Higher Education.

### 4. Exclusions

- Courses used to satisfy the General Education English Composition, U.S. History, American Government, and Mathematics or Statistics requirements will not count toward the 54-hour maximum allowed from one department.
- Courses with ATHL or LEIS prefixes and leisure activity courses may not be used for degree credit.

## Additional State/OSU Requirements

- At least: 60 hours at a four-year institution; 30 hours completed at OSU; 15 of the final 30 or 50% of the upper-division hours in the major field completed at OSU.
- Limit of: one-half of major course requirements as transfer work; one-fourth of hours earned by correspondence; 8 transfer correspondence hours.
- Students will be held responsible for degree requirements in effect at the time of matriculation and any changes that are made, so long as these changes do not result in semester credit hours being added or do not delay graduation.
- Degrees that follow this plan must be completed by the end of Summer 2028.

## Example Plan of Study

### Finish in Four Plan of Study

The plan below is an **example** of how students can successfully complete degree requirements in four years. This suggested class schedule plan may be used as a guide and can be adjusted based on individual needs. Students are required to meet with an academic advisor prior to enrollment each semester to plan their class schedule, and students are ultimately responsible for completing all degree requirements.

Course	Title	Hours
<b>Freshman</b>		
<b>Fall</b>		
STAT 2053 or STAT 2013	Elementary Statistics for the Social Sciences (A) or Elementary Statistics (A)	3
SOC 1113	Introductory Sociology (S)	3
General Education courses		10
<b>Hours</b>		<b>16</b>
<b>Spring</b>		
SOC 2123	Social Problems (DS)	3
General Education courses		11
<b>Hours</b>		<b>14</b>
<b>Sophomore</b>		
<b>Fall</b>		
General Education courses		15
<b>Hours</b>		<b>15</b>
<b>Spring</b>		
Major, College, and Elective courses		15
<b>Hours</b>		<b>15</b>
<b>Junior</b>		
<b>Fall</b>		
SOC 3113	Theoretical Thinking in Sociology	3
Major, College, and Elective courses		12
<b>Hours</b>		<b>15</b>
<b>Spring</b>		
SOC 4133	Social Research Methods	3
Major, College, and Elective courses		12
<b>Hours</b>		<b>15</b>
<b>Senior</b>		
<b>Fall</b>		
SOC 4243	Quantitative Methods in Sociology	3
Major, College, and Elective courses		12
<b>Hours</b>		<b>15</b>
<b>Spring</b>		
Major, College, and Elective courses		15
<b>Hours</b>		<b>15</b>
<b>Total Hours</b>		<b>120</b>



## Statistics

Statistics is the science of learning from data. It is concerned with the development of theory and with the application of that theory to the collection, analysis, and interpretation of quantitative information.

Because statistics is important in many scholarly disciplines, a degree in statistics provides the opportunity to enter not only the statistics profession but also many other fields which make extensive use of statistics. The areas of application include agriculture, the biological sciences, engineering, the physical sciences, the social sciences, education, business, and home economics, among others. Statistics also promises to be important in emerging endeavors such as pollution and environmental research, energy utilization, and health-care administration.

Those who pursue the study of statistics should be interested in scientific inquiry and should have a good mathematical background. In addition, it is desirable that they have a genuine interest in another discipline and learn some application of statistics in that discipline.

Careers in government, industry, and education, involving the disciplines previously mentioned, are open to the statistics graduate. In government and industry a statistician usually serves as a researcher or as a consultant to research scientists and decision-makers. In education, of course, the teaching function is added to those of research and consultation.

The Department of Statistics offers the BS and MS degrees to those interested in applications of statistics, and the PhD degree to those who wish to make original contributions to the theory of statistics.

## Courses

### STAT 1013 Statistical Literacy (A)

**Prerequisites:** Students must qualify for non-remediation of mathematics.

**Description:** This course focuses on statistical concepts and conclusions rather than on computations. Topics include descriptive measures, graphical representations, measures of center and variability, discussion of variability, sampling techniques, conditional probability interpretation and ramifications, confidence interval interpretation, practical vs. statistical significance, formulation and interpretation of hypothesis testing and p-values.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Statistics

**General Education and other Course Attributes:** Analytical & Quant Thought

### STAT 2013 Elementary Statistics (A)

**Prerequisites:** MATH 1483 or higher, except MATH 1493, with a grade of "C" or better; or an acceptable placement score (see [mathplacement.okstate.edu](http://mathplacement.okstate.edu)).

**Description:** An introductory course in the theory and methods of statistics. Descriptive measures, elementary probability, sampling, estimation, hypothesis testing, correlation and regression. Same course as STAT 2023 or STAT 2053.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Statistics

**General Education and other Course Attributes:** Analytical & Quant Thought

**Additional Fees:** STAT 2013 Corequisite Lab fee of \$90 applies.

### STAT 2023 Elementary Statistics for Business and Economics (A)

**Prerequisites:** MATH 1483 or higher, except MATH 1493, with a grade of "C" or better; or an acceptable placement score (see [mathplacement.okstate.edu](http://mathplacement.okstate.edu)).

**Description:** Basic statistics course for undergraduate business majors. Descriptive statistics, basic probability, discrete and continuous distributions, point and interval estimation, hypothesis testing, correlation and simple linear regression. Same course as STAT 2013 or STAT 2053.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Statistics

**General Education and other Course Attributes:** Analytical & Quant Thought

### STAT 2053 Elementary Statistics for the Social Sciences (A)

**Prerequisites:** MATH 1483 or higher, except MATH 1493, with a grade of "C" or better; or an acceptable placement score (see [mathplacement.okstate.edu](http://mathplacement.okstate.edu)).

**Description:** An introductory course in the theory and methods of statistics. Descriptive measures, elementary probability, sampling, estimation, hypothesis testing, correlation and regression. Same course as STAT 2013 or STAT 2023.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Statistics

**General Education and other Course Attributes:** Analytical & Quant Thought

### STAT 2331 SAS Programming

**Prerequisites:** A different programming language or consent of instructor.

**Description:** SAS as a general purpose programming language, data representation, input/output, use of built-in procedures, report generation. Course previously offered as CS 2331.

**Credit hours:** 1

**Contact hours:** Lecture: 1 Contact: 1

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Statistics

**STAT 2890 Honors Experience in Statistics**

**Prerequisites:** Honors Program participation and concurrent enrollment in a designated STAT course.

**Description:** A supplemental Honors experience in statistics to partner concurrently with designated statistics courses. This course adds a different intellectual dimension to the designated courses. Offered for fixed credit, 1 credit hour, maximum of 6 credit hours.

**Credit hours:** 1

**Contact hours:** Lecture: 1 Contact: 1

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Statistics

**General Education and other Course Attributes:** Honors Credit

**STAT 3013 Intermediate Statistical Analysis**

**Prerequisites:** STAT 2013, STAT 2023 or STAT 2053.

**Description:** Applications of elementary statistics, introductory experimental design, introduction to the analysis of variance, simple and multiple linear regression, nonparametric statistics, survey sampling and time series. Data analysis using Excel included.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Statistics

**STAT 3023 Statistical Reasoning for Medical Applications (A)**

**Prerequisites:** MATH 1483 or MATH 1513 or higher on an acceptable math placement score. See [mathplacement.okstate.edu](http://mathplacement.okstate.edu).

**Description:** This course focuses on developing the quantitative skills necessary for success in medical school and related activities. Topics include study design, descriptive measures, graphical representations, basic probability, statistical inference, correlation and regression, contingency tables.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Statistics

**General Education and other Course Attributes:** Analytical & Quant Thought

**STAT 4013 Statistical Methods I (A)**

**Prerequisites:** MATH 1513 or higher, with a grade of "C" or better; or an acceptable placement score (see [mathplacement.okstate.edu](http://mathplacement.okstate.edu)).

**Description:** Basic experimental statistics, basic probability distributions, methods of estimation, tests of significance, linear regression and correlation, analysis of variance for data that are in a one way, a two-way crossed, or in a two-fold nested classification. Same course as STAT 4053.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Statistics

**General Education and other Course Attributes:** Analytical & Quant Thought

**STAT 4023 Statistical Methods II**

**Prerequisites:** STAT 3013 or STAT 4013 or STAT 4033 or STAT 4053.

**Description:** Basic concepts of experimental design. Analysis of variance, covariance, split-plot design. Factorial arrangements of treatments, multiple regression in estimation and curvilinear regression, enumeration data. May not be used for degree credit with STAT 4063 or STAT 5563.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Statistics

**STAT 4033 Engineering Statistics**

**Prerequisites:** MATH 2133 or MATH 2163.

**Description:** Probability, random variables, probability distributions, estimation, confidence intervals, hypothesis testing, linear regression. No degree credit for students with credit in STAT 4073.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Statistics

**STAT 4043 Applied Regression Analysis**

**Prerequisites:** One of STAT 4013, STAT 4033, STAT 4053, STAT 5013 or equivalent.

**Description:** Matrix algebra, simple linear regression, residual analysis techniques, multiple regression, dummy variables, interactions, model building, introduction to logistic regression. This course explains fundamentals of linear regression and provides an introduction to logistic regression. May not be used for degree credit with STAT 5543.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Statistics

**STAT 4053 Statistical Methods I for the Social Sciences (A)**

**Prerequisites:** MATH 1513 or higher, with a grade of "C" or better; or an acceptable placement score (see [mathplacement.okstate.edu](http://mathplacement.okstate.edu)).

**Description:** Basic experimental statistics, basic probability distributions, methods of estimation, tests of significance, linear regression, calculation and analysis of variance for one and two-way classifications. Same course as STAT 4013.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Statistics

**General Education and other Course Attributes:** Analytical & Quant Thought

**STAT 4063 Statistical Methods II for the Social Sciences**

**Prerequisites:** STAT 3013 or STAT 4013 or STAT 4033 or STAT 4053.

**Description:** Basic concepts of experimental design. Analysis of variance, covariance, split-plot design. Factorial arrangements of treatments, multiple and curvilinear regression, enumeration data. May not be used for degree credit with STAT 4023 and STAT 5563.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Statistics

**STAT 4073 Engineering Statistics with Design of Experiments****Prerequisites:** MATH 2163.**Description:** Random variables and basic probability distributions, estimation, confidence intervals, hypothesis testing, basic analysis of variance, factorial arrangement of treatments and fractional factorial experiments, elementary quality control. No degree credit for students with credit in STAT 4033.**Credit hours:** 3**Contact hours:** Lecture: 3 Contact: 3**Levels:** Undergraduate**Schedule types:** Lecture**Department/School:** Statistics**STAT 4091 Sas Programming****Prerequisites:** STAT 4013 or equivalent.**Description:** SAS dataset construction, elementary statistical analysis, and use of statistics and graphics procedures available in SAS. No credit for students with credit in STAT 5091.**Credit hours:** 1**Contact hours:** Lecture: 1 Contact: 1**Levels:** Undergraduate**Schedule types:** Lecture**Department/School:** Statistics**STAT 4191 R Programming****Prerequisites:** STAT 4013 or equivalent.**Description:** R dataset construction, elementary statistical analysis, and use of statistics and graphics with R. May not be used for degree credit with STAT 4193, STAT 5191, STAT 5193.**Credit hours:** 1**Contact hours:** Lecture: 1 Contact: 1**Levels:** Undergraduate**Schedule types:** Lecture**Department/School:** Statistics**STAT 4193 SAS and R Programming****Prerequisites:** STAT 4013 or equivalent.**Description:** SAS and R dataset construction, elementary statistical analysis, and use of statistics and graphics with SAS and R. May not be used for degree credit with STAT 4091, STAT 4191, STAT 5091, STAT 5191, STAT 5193.**Credit hours:** 3**Contact hours:** Lecture: 3 Contact: 3**Levels:** Undergraduate**Schedule types:** Lecture**Department/School:** Statistics**STAT 4203 Mathematical Statistics I****Prerequisites:** MATH 2163 with a grade of "C" or better.**Description:** Probability, random variables such as Poisson, Geometric, Hypergeometric, Uniform, Normal, Gamma, Beta, Exponential and their distributions, independence and correlation, multivariate distributions, marginal and conditional probabilities, functions of random variables, order statistics and their distributions, moment generating functions, the Central Limit Theorem. May not be used for degree credit with STAT 5253.**Credit hours:** 3**Contact hours:** Lecture: 3 Contact: 3**Levels:** Undergraduate**Schedule types:** Lecture**Department/School:** Statistics**STAT 4213 Mathematical Statistics II****Prerequisites:** STAT 4203.**Description:** Methods of estimating population parameters such as point and confidence interval estimation for a mean, proportion, and the difference between means and proportions, maximum likelihood methods, method of moments, hypothesis testing and its applications, sample size estimation, linear regression models, and categorical data analysis. May not be used for degree credit with STAT 5263.**Credit hours:** 3**Contact hours:** Lecture: 3 Contact: 3**Levels:** Undergraduate**Schedule types:** Lecture**Department/School:** Statistics**STAT 4463 Statistical Machine Learning with R****Prerequisites:** STAT 4043.**Description:** Computationally intense statistical methods for prediction and classification with R. Topics are bias-variance tradeoff; prediction and classification error; cross validation; bootstrapping; linear and logistic regression; discriminant functions; k-nearest neighbors; local and spline-based regression; generalized additive models; model selection and regularization; support vector machines; decision trees; principle component analysis; cluster analysis. May not be used for degree credit with STAT 5063.**Credit hours:** 3**Contact hours:** Lecture: 3 Contact: 3**Levels:** Undergraduate**Schedule types:** Lecture**Department/School:** Statistics**STAT 4910 Special Studies****Prerequisites:** Consent of instructor.**Description:** Special subjects in statistics. Offered for variable credit, 1-6 credit hours, maximum of 6 credit hours.**Credit hours:** 1-6**Contact hours:** Contact: 1-6 Other: 1-6**Levels:** Undergraduate**Schedule types:** Independent Study**Department/School:** Statistics**STAT 4980 Internship in Statistics****Prerequisites:** Consent of instructor.**Description:** Directed practicum or internship experience in a Statistics-related professional work setting. Students must have an approved internship that will provide statistical experience beyond that available in the classroom. Students produce written analyses of their work and learning under the guidance of the instructor and internship site supervisor. Offered for variable credit, 1-12 credit hours, maximum of 12 credit hours.**Credit hours:** 1-12**Contact hours:** Contact: 1-12 Other: 1-12**Levels:** Undergraduate**Schedule types:** Independent Study**Department/School:** Statistics

**STAT 4981 Statistics Capstone I**

**Prerequisites:** STAT 4023, STAT 4043, STAT 4091 or STAT 4193; and STAT 4203 or concurrent enrollment.

**Description:** Information and preparation for graduate school for statistics undergraduates, communication skills for collaborating with scientists, introduction to research in statistics.

**Credit hours:** 1

**Contact hours:** Lecture: 1 Contact: 1

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Statistics

**STAT 4991 Statistics Capstone II**

**Prerequisites:** STAT 4023 and STAT 4043 and STAT 4091 or STAT 4193; and STAT 4203 or concurrent enrollment.

**Description:** Career skills for statistics undergraduates entering the workforce, communication skills for collaborating with scientists.

**Credit hours:** 1

**Contact hours:** Lecture: 1 Contact: 1

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Statistics

**STAT 4993 Senior Honors Project**

**Prerequisites:** Departmental invitation, senior standing, Honors Program participation.

**Description:** A guided reading and research program ending with an honors project under the direction of a faculty member, with a second faculty reader and an oral examination. Required for graduation with departmental honors in statistics.

**Credit hours:** 3

**Contact hours:** Contact: 3 Other: 3

**Levels:** Undergraduate

**Schedule types:** Independent Study

**Department/School:** Statistics

**General Education and other Course Attributes:** Honors Credit

**STAT 5000 Master's Research**

**Prerequisites:** Consent of advisory committee.

**Description:** Methods of research and supervised thesis or report. Offered for variable credit, 1-6 credit hours, maximum of 6 credit hours.

**Credit hours:** 1-6

**Contact hours:** Contact: 1-6 Other: 1-6

**Levels:** Graduate

**Schedule types:** Independent Study

**Department/School:** Statistics

**STAT 5002 Applied Masters Creative Component**

**Prerequisites:** Consent of advisory committee.

**Description:** Creative component for Applied Masters in Statistics.

**Credit hours:** 2

**Contact hours:** Contact: 2 Other: 2

**Levels:** Graduate

**Schedule types:** Independent Study

**Department/School:** Statistics

**STAT 5003 Statistics for Medical Residents**

**Prerequisites:** Employed as a medical or veterinary resident or permission of instructor.

**Description:** Survey of statistical methodology relevant to health care professionals. Basic understanding of statistics presented in recent medical literature. Hypothesis testing, ANOVA techniques, regression, categorical techniques. Same course as BIOM 5003.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Graduate

**Schedule types:** Lecture

**Department/School:** Statistics

**STAT 5013 Statistics for Experimenters I**

**Prerequisites:** Graduate standing and MATH 1513.

**Description:** Introductory statistics course for graduate students. Descriptive statistics, basic probability, estimation, hypothesis testing, p-values, analysis of variance, multiple comparisons, correlation and linear regression, categorical data analysis.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Graduate

**Schedule types:** Lecture

**Department/School:** Statistics

**STAT 5023 Statistics for Experimenters II**

**Prerequisites:** Graduate standing and STAT 4023 or STAT 5013.

**Description:** Analysis of variance, contrasts and multiple comparisons, factorial experiments, variance components and their estimation, completely randomized, randomized block and Latin square designs, split plot experiments.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Graduate

**Schedule types:** Lecture

**Department/School:** Statistics

**STAT 5033 Nonparametric Methods**

**Prerequisites:** One of STAT 4023, STAT 4043, STAT 5023 or consent of instructor.

**Description:** A continuation of STAT 4013 and STAT 4023, concentration on nonparametric methods. Alternatives to normal-theory statistical methods; analysis of categorical and ordinal data, methods based on rank transforms, measures of association, goodness of fit tests, order statistics.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Graduate

**Schedule types:** Lecture

**Department/School:** Statistics

**STAT 5043 Sample Survey Designs**

**Prerequisites:** One of STAT 4013, STAT 4033, STAT 5013 or consent of instructor.

**Description:** Constructing and analyzing personal, telephone and mail surveys. Descriptive surveys including simple random, stratified random designs. Questionnaire design, frame construction, non-sampling errors, use of random number tables, sample size estimation and other topics related to practical conduct of surveys.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Graduate

**Schedule types:** Lecture

**Department/School:** Statistics

**STAT 5053 Time Series Analysis****Prerequisites:** STAT 4043.**Description:** An applied approach to the analysis of time series in the time domain. Trends, autocorrelation, random walk, seasonality, stationarity, autoregressive integrated moving average (ARIMA) processes, Box-Jenkins method, forecasting.**Credit hours:** 3**Contact hours:** Lecture: 3 Contact: 3**Levels:** Graduate**Schedule types:** Lecture**Department/School:** Statistics**STAT 5063 Statistical Machine Learning with R****Prerequisites:** STAT 5563.**Description:** Computationally intense statistical methods for prediction and classification with R. Topics are bias-variance tradeoff; prediction and classification error; cross validation; bootstrapping; linear and logistic regression; discriminant functions; k-nearest neighbors; local and spline-based regression; generalized additive models; model selection and regularization; support vector machines; decision trees; principle component analysis; cluster analysis. May not be used for degree credit with STAT 4463.**Credit hours:** 3**Contact hours:** Lecture: 3 Contact: 3**Levels:** Graduate**Schedule types:** Lecture**Department/School:** Statistics**STAT 5073 Categorical Data Analysis****Prerequisites:** STAT 5223, STAT 5023 or equivalent or concurrent enrollment.**Description:** Analysis of data involving variables of a categorical nature. Independence/association test for contingency tables, exact tests for small counts, generalized linear models, logistic regression models for binary response variables, loglinear models for count data, analyses of ordinal variables, multcategory logit models for multiple category responses, and applications.**Credit hours:** 3**Contact hours:** Lecture: 3 Contact: 3**Levels:** Graduate**Schedule types:** Lecture**Department/School:** Statistics**STAT 5083 Statistics for Biomedical Researchers****Prerequisites:** STAT 5013.**Description:** Analysis of variance, experimental designs pertaining to medical research, regression and data modeling, categorical techniques and the evaluation of diagnostic tests. No credit for students with credit in STAT 5023.**Credit hours:** 3**Contact hours:** Lecture: 3 Contact: 3**Levels:** Graduate**Schedule types:** Lecture**Department/School:** Statistics**STAT 5091 Sas Programming****Prerequisites:** STAT 5013 or equivalent.**Description:** SAS dataset construction, elementary statistical analysis, and use of statistics and graphics procedures available in SAS. No credit for students with credit in STAT 4091.**Credit hours:** 1**Contact hours:** Lecture: 1 Contact: 1**Levels:** Graduate**Schedule types:** Lecture**Department/School:** Statistics**STAT 5093 Statistical Computing****Prerequisites:** STAT 5223.**Description:** Random variable generation; numerical calculations of maximum likelihood estimators, computer intensive exact tests; randomized tests; bootstrap and cross validation methods, Monte Carlo integration and simulation; Markov Chain Monte Carlo methods for Bayesian estimation.**Credit hours:** 3**Contact hours:** Lecture: 3 Contact: 3**Levels:** Graduate**Schedule types:** Lecture**Department/School:** Statistics**STAT 5123 Probability Theory****Prerequisites:** MATH 2163 and one other course in MATH that has either MATH 2144 or MATH 2153 as a prerequisite.**Description:** Basic probability, including conditional, marginal, and joint distributions. Random variables, moments, independences and dependence, common distributions, and distributions of functions of random variables. Course explains probability calculations, the usefulness of probability, and the fundamentals required for obtaining sampling distributions. Useful in preparing for the actuarial P exam.**Credit hours:** 3**Contact hours:** Lecture: 3 Contact: 3**Levels:** Graduate**Schedule types:** Lecture**Department/School:** Statistics**STAT 5133 Stochastic Processes****Prerequisites:** STAT 5123 and MATH 2233, MATH 3013.**Description:** Definition of a stochastic process, probability structure, mean and covariance function, the set of sample functions, stationary processes and their spectral analyses, renewal processes, counting processes, discrete and continuous Markov chains, birth and death processes, exponential model, queuing theory. Same course as IEM 5133 & MATH 5133.**Credit hours:** 3**Contact hours:** Lecture: 3 Contact: 3**Levels:** Graduate**Schedule types:** Lecture**Department/School:** Statistics**STAT 5191 R Programming****Prerequisites:** STAT 4013 or STAT 5013.**Description:** R dataset construction, elementary statistical analysis, and use of statistics and graphics with R. May not be used for degree credit with STAT 4191, STAT 4193, STAT 5193.**Credit hours:** 1**Contact hours:** Lecture: 1 Contact: 1**Levels:** Graduate**Schedule types:** Lecture**Department/School:** Statistics



**STAT 5193 SAS and R Programming****Prerequisites:** STAT 5013 or equivalent.**Description:** SAS and R dataset construction, elementary statistical analysis, and use of statistics and graphics with SAS and R. May not be used for degree credit with STAT 4091, STAT 4191, STAT 4193, STAT 5191, STAT 5091.**Credit hours:** 3**Contact hours:** Lecture: 3 Contact: 3**Levels:** Graduate**Schedule types:** Lecture**Department/School:** Statistics**STAT 5213 Bayesian Analysis****Prerequisites:** STAT 5013 or STAT 5123 or consent of the instructor.**Description:** Bayes rule, fundamentals of Bayesian statistics, conjugate priors, posterior and predictive inference. Markov chain Monte Carlo, computation and software, hierarchical models, convergence diagnostics, Bayes factor, nonparametric Bayes.**Credit hours:** 3**Contact hours:** Lecture: 3 Contact: 3**Levels:** Graduate**Schedule types:** Lecture**Department/School:** Statistics**STAT 5223 Statistical Inference****Prerequisites:** STAT 5123 and MATH 3013.**Description:** Convergence concepts, Central Limit Theorem, sampling distributions, point estimation, maximum likelihood methods, Bayesian estimation, Cramer-Rao lower bound, confidence intervals. Hypothesis testing including Neyman-Pearson tests, uniformly most powerful tests, and generalized likelihood ratio tests. Course derives and explains testing and estimation included in introductory statistics courses. Useful for understanding assumptions and theory in common statistical methods. Previously offered as STAT 4223.**Credit hours:** 3**Contact hours:** Lecture: 3 Contact: 3**Levels:** Graduate**Schedule types:** Lecture**Department/School:** Statistics**STAT 5253 Mathematical Statistics I****Prerequisites:** MATH 2163 with a grade of "C" or better.**Description:** Probability, random variables such as Poisson, Geometric, Hypergeometric, Uniform, Normal, Gamma, Beta, Exponential and their distributions, independence and correlation, multivariate distributions, marginal and conditional probabilities, functions of random variables, order statistics and their distributions, moment generating functions, the Central Limit Theorem. May not be used for degree credit with STAT 4203.**Credit hours:** 3**Contact hours:** Lecture: 3 Contact: 3**Levels:** Graduate**Schedule types:** Lecture**Department/School:** Statistics**STAT 5263 Mathematical Statistics II****Prerequisites:** STAT 5253.**Description:** Methods of estimating population parameters such as point and confidence interval estimation for a mean, proportion, and the difference between means and proportions, maximum likelihood methods, method of moments, hypothesis testing and its applications, sample size estimation, linear regression models, and categorical data analysis. May not be used for degree credit with STAT 4213.**Credit hours:** 3**Contact hours:** Lecture: 3 Contact: 3**Levels:** Graduate**Schedule types:** Lecture**Department/School:** Statistics**STAT 5303 Experimental Designs****Prerequisites:** STAT 5023 or STAT 4023 with consent of instructor.**Description:** Students will identify treatment structures and design structures, conduct the analyses of data from experimental scenarios, and interpret the results. The understanding and preparation of statistical analysis statements for publication are also covered. Analysis topics include: ANOVA, multiple comparisons, factorial experiments, complete and incomplete block designs, linear mixed models analysis (including repeated measures analysis), split-plot experiments, 2n and 3n factorial experiments, fractional factorial experiments, crossover designs, ANCOVA and SAS programming.**Credit hours:** 3**Contact hours:** Lecture: 3 Contact: 3**Levels:** Graduate**Schedule types:** Lecture**Department/School:** Statistics**STAT 5323 Theory of Linear Models I****Prerequisites:** STAT 5223, MATH 3013, and one of STAT 4023 or STAT 5023.**Description:** Matrix theory (generalized inverse, idempotent matrix, and non-negative matrix results), multivariate normal distribution, quadratic forms, chi-square distribution, general linear models, estimability, general hypothesis testing.**Credit hours:** 3**Contact hours:** Lecture: 3 Contact: 3**Levels:** Graduate**Schedule types:** Lecture**Department/School:** Statistics**STAT 5333 Theory of Linear Models II****Prerequisites:** STAT 5323.**Description:** Maximum likelihood estimation; one-way and two-way ANOVA models, multiple comparisons, regression models, linear mixed models, variance component estimation.**Credit hours:** 3**Contact hours:** Lecture: 3 Contact: 3**Levels:** Graduate**Schedule types:** Lecture**Department/School:** Statistics



**STAT 5513 Multivariate Analysis****Prerequisites:** STAT 5323.**Description:** Multivariate normal distribution, simple, partial and multiple correlation, multivariate sampling distributions. Wishart distribution, general T-distribution, estimation of parameters and tests of hypotheses on vector means and covariance matrix. Classification problems, discriminate analysis, and applications.**Credit hours:** 3**Contact hours:** Lecture: 3 Contact: 3**Levels:** Graduate**Schedule types:** Lecture**Department/School:** Statistics**STAT 5543 Applied Regression Analysis****Prerequisites:** One of STAT 4013, STAT 4033, STAT 4053, STAT 5013 or equivalent.**Description:** Matrix algebra, simple linear regression, residual analysis techniques, multiple regression, dummy variables, interactions, model building, introduction to logistic regression. This course explains fundamentals of linear regression and provides an introduction to logistic regression. May not be used for degree credit with STAT 4043.**Credit hours:** 3**Contact hours:** Lecture: 3 Contact: 3**Levels:** Graduate**Schedule types:** Lecture**Department/School:** Statistics**STAT 5563 Statistical Methods II for the Social Sciences****Prerequisites:** STAT 3013 or STAT 4013 or STAT 4033 or STAT 4053.**Description:** Basic concepts of experimental design. Analysis of variance, covariance, split-plot design. Factorial arrangements of treatments, multiple and curvilinear regression, enumeration data. May not be used for degree credit with STAT 4023 and STAT 4063.**Credit hours:** 3**Contact hours:** Lecture: 3 Contact: 3**Levels:** Graduate**Schedule types:** Lecture**Department/School:** Statistics**STAT 5910 Seminar in Statistics****Prerequisites:** Consent of instructor.**Description:** Investigation of special problems in the theory and/or application of statistics using current techniques. Special studies for M.S. level students. Offered for variable credit, 1-6 credits. maximum of 3 credit hours.**Credit hours:** 1-6**Contact hours:** Contact: 1-6 Other: 1-6**Levels:** Graduate**Schedule types:** Independent Study**Department/School:** Statistics**STAT 5980 Internship in Statistics****Prerequisites:** Consent of instructor.**Description:** Directed practicum or internship experience in a Statistics-related professional work setting. Students must have an approved internship that will provide statistical experience beyond that available in the classroom. Students produce written analyses of their work and learning under the guidance of the instructor and internship site supervisor. Offered for variable credit, 1-9 credit hours, maximum of 9 credit hours.**Credit hours:** 1-9**Contact hours:** Contact: 1-9 Other: 1-9**Levels:** Graduate**Schedule types:** Independent Study**Department/School:** Statistics**STAT 6000 Doctoral Dissertation****Prerequisites:** Consent of advisory committee.**Description:** Directed research culminating in the PhD thesis. Offered for variable credit, 1-10 credit hours, maximum of 30 credit hours.**Credit hours:** 1-10**Contact hours:** Contact: 1-10 Other: 1-10**Levels:** Graduate**Schedule types:** Independent Study**Department/School:** Statistics**STAT 6010 Statistics Literature****Prerequisites:** Consent of instructor.**Description:** Published journal articles from statistics or related areas are discussed. Previously offered as STAT 6001. Offered for fixed credit, 1 credit hour, maximum of 2 credit hours.**Credit hours:** 1**Contact hours:** Lecture: 1 Contact: 1**Levels:** Graduate**Schedule types:** Lecture**Department/School:** Statistics**STAT 6013 Genetic Statistics****Prerequisites:** Elementary Statistics or with the permission of the instructor.**Description:** Course provides a statistical basis for analyzing genetic sequence data. Review of basic concepts in statistics including graphical and numerical methods, sample size estimation for biological experiments, and hypothesis testing. Review of basic concepts in genetics including DNA, genes, alleles, polymorphisms, SNP's. Descriptive statistics for genetic sequences, use of statistical tools for sequence analysis and statistical inference with R.**Credit hours:** 3**Contact hours:** Lecture: 3 Contact: 3**Levels:** Graduate**Schedule types:** Lecture**Department/School:** Statistics**STAT 6113 Probability Theory****Prerequisites:** STAT 5123 and MATH 5143.**Description:** Measure theoretical presentation of probability, integration and expectation, product spaces and independence, conditioning, different kinds of convergence in probability theory, statistical spaces, characteristic functions and their applications. Previously offered as STAT 5113.**Credit hours:** 3**Contact hours:** Lecture: 3 Contact: 3**Levels:** Graduate**Schedule types:** Lecture**Department/School:** Statistics

**STAT 6203 Large Sample Inference****Prerequisites:** STAT 5223 and STAT 6113.**Description:** Different types of convergence in probability theory, central limit theorem, consistency, large sample estimation and tests of hypotheses, concepts of asymptotic efficiency, nonparametric tests. Previously offered as STAT 5203.**Credit hours:** 3**Contact hours:** Lecture: 3 Contact: 3**Levels:** Graduate**Schedule types:** Lecture**Department/School:** Statistics**STAT 6223 Advanced Statistical Inference****Prerequisites:** STAT 6113.**Description:** Point estimation, maximum likelihood, Cramer-Rao inequality, confidence intervals, Neyman-Pearson theory of testing hypothesis and power of test. Previously offered as STAT 6213.**Credit hours:** 3**Contact hours:** Lecture: 3 Contact: 3**Levels:** Graduate**Schedule types:** Lecture**Department/School:** Statistics**STAT 6910 Special Problems****Prerequisites:** Consent of instructor.**Description:** Investigation of special problems in the theory and application of statistics using current techniques. Special studies for PhD level students. Offered for variable credit, 1-6 credit hours, maximum of 12 credit hours.**Credit hours:** 1-12**Contact hours:** Contact: 1-12 Other: 1-12**Levels:** Graduate**Schedule types:** Independent Study**Department/School:** Statistics

## Undergraduate Programs

- Statistics, BS (p. 1824)
- Statistics: Actuarial Science, BS (p. 1827)
- Statistics: Business Essentials, BS (p. 1830)
- Statistics: Data Science, BS (p. 1833)

## Graduate Programs

### Admission Requirements

It is necessary to have an undergraduate degree, not necessarily in statistics or mathematics, to begin a program of study toward the master's degree in statistics. In some instances, it may be advantageous to have an undergraduate degree in another field. However, the student should have acquired a good mathematical background and some statistical background as an undergraduate. Also, each student is required to have completed CS 1113 Computer Science I (A) or to have demonstrated competence in a programming language such as C. This should be equivalent to the required courses in the bachelor's program:

Code	Title	Hours
MATH 2144	Calculus I (A)	4
MATH 2153	Calculus II (A)	3
MATH 2163	Calculus III	3
STAT 4013	Statistical Methods I (A)	3
MATH 3013	Linear Algebra (A) (not required for Applied MS)	3

MATH 4013	Calculus of Several Variables (not required for Applied MS)	3
CS 1113	Computer Science I (A)	3

Students admitted to the program with deficiencies will be required to remedy such deficiencies. MATH 3013 and MATH 4013 are not required for the Master of Science in Applied Statistics.

## The Master of Science Degree

The Master of Science degree in statistics is designed to prepare students for work as a statistician or doctoral studies in statistics. It may be completed by following one of the three plans listed in the "Graduate College (p. 2766)" section of the Catalog. Normally, the all-course work plan will be initiated at the suggestion of the faculty. Each student will be required to attain an introductory knowledge of some field of application outside of statistics, mathematics, and computer science. This requirement may be satisfied by having taken a three-hour graduate course in an approved field of statistical application.

## The Master of Science in Applied Statistics Degree

The Master of Science in Applied Statistics (MSAS) degree can be completed with online coursework. It is intended to be a terminal professional master's degree. It is not intended to be preparation for doctoral work in statistics. Neither comprehensive exams nor a thesis or formal report is required for completion of this degree. A two-hour creative component course is required at the end of the matriculation through the program. More information regarding this degree can be found on the OSU Statistics Department website.

## The Doctor of Philosophy Degree

The PhD requires the completion of 90 hours beyond the BS degree. A maximum of 30 of these credit hours may be earned by research for the dissertation. Each student will be required to attain an introductory knowledge of some field of application which may be satisfied by taking a three-hour graduate course outside the fields of statistics, mathematics, and computing.

## Minors

- Applied Statistics (APST), Minor (p. 1821)
- Statistical Data Science (SDSC), Minor (p. 1822)
- Statistics (STAT), Minor (p. 1823)

## Faculty

Melinda H. McCann, PhD—Professor and Head

**Professors:** Carla L. Goad, PhD; Joshua Habiger, PhD; Lan Zhu, PhD**Associate Professors:** Ye Liang, PhD; Brenda J. Masters, PhD;

Pratyaydipta Rudra, PhD

**Assistant Professors:** Sangyoon Yi, PhD**Teaching Assistant Professor:** Nishantha Samarakoon, PhD

## Applied Statistics (APST), Minor

**Requirements for Students Matriculating in or before Academic Year 2022-2023.** Learn more about University Academic Regulation 3.1 (p. 943).

**Minimum Grade Point Average in Minor Coursework:** 2.50 with no grade below "C"

**Total Hours:** 15

Code	Title	Hours
<b>Minor Requirements</b>		
STAT 4013	Statistical Methods I (A)	3
STAT 4023	Statistical Methods II	3
STAT 4043	Applied Regression Analysis	3
STAT 4193	SAS and R Programming	3
STAT 4463	Statistical Machine Learning with R	3
or STAT 5033	Nonparametric Methods	
or STAT 5053	Time Series Analysis	
12 of the 15 hours must be in residence at OSU.		
<b>Total Hours</b>		<b>15</b>

## Additional OSU Requirements

### Undergraduate Minors

- An undergraduate minor must include between fifteen and thirty hours, inclusive of undergraduate coursework.
- A minimum of six credit hours for the minor must be earned in residence at OSU.
- The courses required for a minor may be included in the course requirements for any undergraduate degree or they may be in addition to degree requirements, depending on the overlap between the minor and degree requirements. However, an undergraduate minor must be earned in an academic field other than the student's declared degree option. The minor may not duplicate the degree major or option (for example, a student who earns a BA in Art with an Art History option may earn a minor in Studio Art but not Art History).
- A student generally follows the minor requirements associated with his or her matriculation year or newer requirements that have been established since matriculation. The time limit for following requirements from a given academic year is six years.

For additional information on requirements on minors, click here (<https://adminfinance.okstate.edu/site-files/documents/policies/requirements-for-undergraduate-and-graduate-minors.pdf>).

## Statistical Data Science (SDSC), Minor

### Requirements for Students Matriculating in or before Academic Year

2022-2023. Learn more about University Academic Regulation 3.1 (p. 943).

**Contact:** Cara Brun, 213 LSE, 405-744-5658.

**Minimum Grade Point Average in Minor Coursework:** 2.50 with no grade below "C."

**Total Hours:** 18

Code	Title	Hours
<b>Minor Requirements</b>		
STAT 4013	Statistical Methods I (A)	3
STAT 4023	Statistical Methods II	3
STAT 4043	Applied Regression Analysis	3
STAT 4193	SAS and R Programming	3
MSIS 3103	End User Database Systems Design and Management	3
MSIS 3223	Principles of Data Analytics	3
12 of the 18 hours must be in residence at OSU.		
<b>Total Hours</b>		<b>18</b>

## Additional OSU Requirements

### Undergraduate Minors

- An undergraduate minor must include between fifteen and thirty hours, inclusive of undergraduate coursework.
- A minimum of six credit hours for the minor must be earned in residence at OSU.
- The courses required for a minor may be included in the course requirements for any undergraduate degree or they may be in addition to degree requirements, depending on the overlap between the minor and degree requirements. However, an undergraduate minor must be earned in an academic field other than the student's declared degree option. The minor may not duplicate the degree major or option (for example, a student who earns a BA in Art with an Art History option may earn a minor in Studio Art but not Art History).
- A student generally follows the minor requirements associated with his or her matriculation year or newer requirements that have been established since matriculation. The time limit for following requirements from a given academic year is six years.

For additional information on requirements on minors, click here (<https://adminfinance.okstate.edu/site-files/documents/policies/requirements-for-undergraduate-and-graduate-minors.pdf>).

## Statistics (STAT), Minor

**Requirements for Students Matriculating in or before Academic Year 2022-2023.** Learn more about University Academic Regulation 3.1 (p. 943).

Cara Brun, 213 LSE, 405-744-5658

**Minimum Grade Point Average in Minor Coursework:** 2.50

**Total Hours:** 25

Code	Title	Hours
<b>Minor Requirements</b>		
MATH 2144	Calculus I (A)	4
MATH 2153	Calculus II (A)	3
MATH 2163	Calculus III	3
STAT 4013	Statistical Methods I (A)	3
STAT 4023	Statistical Methods II	3
STAT 4043	Applied Regression Analysis	3
STAT 4193	SAS and R Programming	3
STAT 4203	Mathematical Statistics I	3
<b>Total Hours</b>		<b>25</b>

## Other Requirements

- No grade below "C."

## Additional OSU Requirements

### Undergraduate Minors

- An undergraduate minor must include between fifteen and thirty hours, inclusive of undergraduate coursework.
- A minimum of six credit hours for the minor must be earned in residence at OSU.
- The courses required for a minor may be included in the course requirements for any undergraduate degree or they may be in addition to degree requirements, depending on the overlap between the minor and degree requirements. However, an undergraduate minor must be earned in an academic field other than the student's declared degree option. The minor may not duplicate the degree major or option (for example, a student who earns a BA in Art with an Art History option may earn a minor in Studio Art but not Art History).
- A student generally follows the minor requirements associated with his or her matriculation year or newer requirements that have been established since matriculation. The time limit for following requirements from a given academic year is six years.

For additional information on requirements on minors, click here (<https://adminfinance.okstate.edu/site-files/documents/policies/requirements-for-undergraduate-and-graduate-minors.pdf>).

# Statistics, BS

## Degree Requirements

**Requirements for Students Matriculating in or before Academic Year 2022-2023.** Learn more about University Academic Regulation 3.1 (p. 943).

**Minimum Overall Grade Point Average: 2.00**

**Total Hours: 120**

Code	Title	Hours
<b>General Education Requirements</b>		
<i>English Composition</i>		
See Academic Regulation 3.5 (p. 944)		
ENGL 1113	Composition I	3
or ENGL 1313	Critical Analysis and Writing I	
Select one of the following:		3
ENGL 1213	Composition II	
ENGL 1413	Critical Analysis and Writing II	
ENGL 3323	Technical Writing	
<i>American History &amp; Government</i>		
HIST 1103	Survey of American History	3
or HIST 1483	American History to 1865 (H)	
or HIST 1493	American History Since 1865 (DH)	
POLS 1113	American Government	3
<i>Analytical &amp; Quantitative Thought (A)</i>		
MATH 2144	Calculus I (A)	4
MATH 2153	Calculus II (A)	3
<i>Humanities (H)</i>		
Courses designated (H)		6
<i>Natural Sciences (N)</i>		
Must include one Laboratory Science (L) course		
Courses designated (N)		6
<i>Social &amp; Behavioral Sciences (S)</i>		
SPCH 2713	Introduction to Speech Communication (S)	3
<i>Additional General Education</i>		
Courses designated (A), (H), (N), or (S)		6
<b>Hours Subtotal</b>		<b>40</b>
<b>Diversity (D) &amp; International Dimension (I)</b>		
May be completed in any part of the degree plan		
Select at least one Diversity (D) course		
Select at least one International Dimension (I) course		
<b>College/Departmental Requirements</b>		
<i>First Year Seminar</i>		
(Transfer students with 15 hours exempt)		1
<i>Arts &amp; Humanities</i>		
See note 2.a.		3
<i>Natural &amp; Mathematical Sciences</i>		
CS 1103	Computer Programming (A)	3
or CS 1113	Computer Science I (A)	
CS 2133	Computer Science II	3
or MATH 2233	Differential Equations	
CS 3513	Numerical Methods for Digital Computers	3

or CS 4513 Introduction to Numerical Analysis

<i>Foreign Language</i>		
See note 3		0
0-6 hours		
<i>Upper-Division General Education</i>		
Select 6 hours outside major department		
See note 2.c.		
<b>Hours Subtotal</b>		<b>13</b>
<b>Major Requirements</b>		
Minimum GPA 2.50 with a minimum grade of "C" in each course		
<i>Statistics Core Courses</i>		
MATH 2163	Calculus III	3
MATH 3013	Linear Algebra (A)	3
STAT 4013	Statistical Methods I (A)	3
STAT 4023	Statistical Methods II	3
STAT 4043	Applied Regression Analysis	3
STAT 4193	SAS and R Programming	3
STAT 4203	Mathematical Statistics I	3
STAT 4213	Mathematical Statistics II	3
STAT 4981	Statistics Capstone I	1
or STAT 4991	Statistics Capstone II	
<i>Area of Application</i>		
Select 9 hours of the following:		9
CS 3353	Data Structures and Algorithm Analysis I	
CS 3443	Computer Systems	
CS 3653	Discrete Mathematics for Computer Science	
ECON 3113	Intermediate Microeconomics	
ECON 4213	Econometric Methods	
ECON 4223	Business and Economic Forecasting	
FIN 3113	Finance	
FIN 4223	Investments	
FIN 4333	Financial Management	
FIN 4763	Financial Futures and Options Markets	
IEM 3703	Probability and Statistics for Engineers II	
IEM 4013	Operations Research	
IEM 4103	Quality Control and Reliability Analysis	
IEM 4113	Industrial Experimentation	
MATH 3613	Introduction to Abstract Algebra	
MATH 4013	Calculus of Several Variables	
MATH 4423	Geometry and Algorithms in Three-Dimensional Modeling	
MATH 4453	Mathematical Interest Theory	
MATH 4553	Introduction to Optimization	
MATH 4663	Combinatorics	
MSIS 3103	End User Database Systems Design and Management	
MSIS 3223	Principles of Data Analytics	
MSIS 3233	Management Science - Prescriptive Analytics	
MSIS 3243	Descriptive Analytics	
MSIS 3393	Advanced Spreadsheet Modeling and Programming	



STAT 4463	Statistical Machine Learning with R	
STAT 4980	Internship in Statistics (max 3 hours)	
STAT 5053	Time Series Analysis	
<b>Concentration</b>		
9 additional upper-division hours from Area of Application or 9 upper-division hours of one prefix from CS, ECON, FIN, IEM, MATH, MSIS, MKTG, MGMT, STAT, or other upper-division courses approved by the department		9
<b>Hours Subtotal</b>		<b>43</b>
<b>Electives</b>		
Select 24 hours		24
May need to include 6 hours of a foreign language (see note 3)		
May need to include 6 hours upper-division general education outside major department (see note 2.c.)		
<b>Hours Subtotal</b>		<b>24</b>
<b>Total Hours</b>		<b>120</b>

## Other Requirements

- See the College of Arts and Sciences Requirements.
- **Upper-Division Credit:** Total hours must include at least 40 hours in courses numbered 3000 or above.
- **Hours in One Department:** For B.A. and B.S. degrees, no more than 54 hours in one department may be applied to degree requirements.

## College of Arts and Sciences Requirements

### 1. General Education Requirements

No more than two courses (or eight hours) from the major department (<http://catalog.okstate.edu/college-arts-sciences-major-departments/>) may be used to meet General Education and College and Departmental Requirements. The General Education required English Composition, required U.S. History, required American Government, one required MATH or STAT course, and required foreign language for B.A. degrees do not count against the two-course maximum.

### 2. A&S College/Departmental Requirements

- Arts and Humanities are defined as any course carrying an (H) designation or courses from AMST, ART, DANC, ENGL (except ENGL 3323 Technical Writing) HIST, MUSI, PHIL (except PHIL 1313 Logic and Critical Thinking (A), PHIL 3003 Symbolic Logic (A) and PHIL 4003 Mathematical Logic and Computability), REL, TH, and foreign languages.
- Natural and Mathematical Sciences are defined as any course from the following prefixes: ASTR, BIOC, BIOL, CHEM, CS (except CS 4883 Social Issues in Computing), GEOL, MATH, MICR, PBIO, PHYS, and STAT; or courses from other departments that carry an (A) or (N) general education designation.
- The required six hours of upper-division General Education may not include courses from the student's major department. This requirement may be satisfied by courses also used to satisfy any part of a student's degree program (i.e., in General Education, College Departmental Requirements, Major Requirements or Electives).
- Non-Western Studies Requirement for B.A. and B.F.A.; One 3-hour course in Non-Western Studies (N.W.). This requirement may be satisfied by courses also used to satisfy any part of a student's

degree program (i.e., in General Education, College Departmental Requirements, Major Requirements or Electives).

- The College of Arts & Sciences requires a minimum 2.0 GPA in all major requirements and a minimum 2.0 GPA in all major-prefix courses applied to the degree.

### 3. Foreign Language Proficiency

- The foreign language requirement for the B.A. may be satisfied by 9 hours college credit in the same language, which must include 3 hours at the 2000-level, or equivalent proficiency (e.g., passing an advanced standing examination; TOEFL exam; presenting a high school transcript which demonstrates the high school was primarily conducted in a language other than English; etc.). Computer Science courses may not be used to satisfy this requirement. Currently Arabic and Mvskoke are not offered at the 2000-level at OSU.
- The foreign language requirement for the B.S., B.M. and B.F.A. may be satisfied by presenting a high school transcript which demonstrates two years of study of a single foreign language (passing grades at second-year level of study). It may also be satisfied by 6 hours college credit in the same language, which must include language courses 1713 and 1813, or equivalent proficiency (e.g., passing an advanced standing examination; TOEFL exam; presenting a high school transcript which demonstrates the high school was primarily conducted in a language other than English; etc.). Computer Science courses may not be used to satisfy this requirement.
- In addition to a. and b., students pursuing teacher certification must meet novice-high foreign language proficiency by presenting a high school transcript which demonstrates two years of study of a single foreign language with no grade below B. Or, students may complete 3 hours college credit in a single language with no grade below C (or pass an advanced standing examination, College Level Examination Program (CLEP) exam, or Oral Proficiency Interview developed by the American Council on the Teaching of Foreign Languages, equivalent to 3 hours of college credit.) Or, students may meet the requirement by transfer of documentation of meeting the foreign language competency from one of the teacher education programs in the State of Oklahoma approved by the Oklahoma State Regents for Higher Education.

### 4. Exclusions

- Courses used to satisfy the General Education English Composition, U.S. History, American Government, and Mathematics or Statistics requirements will not count toward the 54-hour maximum allowed from one department.
- Courses with ATHL or LEIS prefixes and leisure activity courses may not be used for degree credit.

## Additional State/OSU Requirements

- At least: 60 hours at a four-year institution; 30 hours completed at OSU; 15 of the final 30 or 50% of the upper-division hours in the major field completed at OSU.
- Limit of: one-half of major course requirements as transfer work; one-fourth of hours earned by correspondence; 8 transfer correspondence hours.
- Students will be held responsible for degree requirements in effect at the time of matriculation and any changes that are made, so long as these changes do not result in semester credit hours being added or do not delay graduation.

- Degrees that follow this plan must be completed by the end of Summer 2028.

## Example Plan of Study

### Finish in Four Plan of Study

The plan below is an **example** of how students can successfully complete degree requirements in four years. This suggested class schedule plan may be used as a guide and can be adjusted based on individual needs. Students are required to meet with an academic advisor prior to enrollment each semester to plan their class schedule, and students are ultimately responsible for completing all degree requirements.

Course	Title	Hours
<b>Freshman</b>		
<b>Fall</b>		
MATH 2144	Calculus I (A)	4
General Education and Elective courses (MSIS 2103 recommended)		11
<b>Hours</b>		<b>15</b>
<b>Spring</b>		
MATH 2153	Calculus II (A)	3
If interested in Economics or Finance Application, consider ECON 2003 or 2103, and ACCT 2003.		
General Education courses		12
<b>Hours</b>		<b>15</b>
<b>Sophomore</b>		
<b>Fall</b>		
MATH 2163	Calculus III	3
STAT 4013	Statistical Methods I (A)	3
General Education courses		9
<b>Hours</b>		<b>15</b>
<b>Spring</b>		
MATH 3013	Linear Algebra (A)	3
STAT 4023	Statistical Methods II	3
CS 1113 or CS 1103	Computer Science I (A) or Computer Programming (A)	3
College and Elective courses		6
<b>Hours</b>		<b>15</b>
<b>Junior</b>		
<b>Fall</b>		
STAT 4193	SAS and R Programming	3
CS 2133 or MATH 2233	Computer Science II or Differential Equations	3
3 hours from Area of Application		3
Major, College, and Elective courses		6
<b>Hours</b>		<b>15</b>
<b>Spring</b>		
STAT 4043	Applied Regression Analysis	3
3 hours from Area of Application		3
3 hours from Concentration		3
Major, College, and Elective courses		6
<b>Hours</b>		<b>15</b>
<b>Senior</b>		
<b>Fall</b>		
STAT 4203	Mathematical Statistics I	3
STAT 4981	Statistics Capstone I (if Grad School bound)	1
CS 3513 or CS 4513	Numerical Methods for Digital Computers or Introduction to Numerical Analysis	3
3 hours from Area of Application		3
3 hours from Concentration		3
Major, College, and Elective courses		2
<b>Hours</b>		<b>15</b>

### Spring

STAT 4213	Mathematical Statistics II	3
STAT 4991	Statistics Capstone II (if Industry bound)	1
3 hours from Concentration		3
Major, College, and Elective courses		8
<b>Hours</b>		<b>15</b>
<b>Total Hours</b>		<b>120</b>

1

Speak with academic advisor about saving General Education electives and Humanities (H) for Upper-division courses with International (I) and Diversity (D) dimensions.

## Statistics: Actuarial Science, BS

### Degree Requirements

**Requirements for Students Matriculating in or before Academic Year 2022-2023.** Learn more about University Academic Regulation 3.1 (p. 943).

**Minimum Overall Grade Point Average:** 2.00

**Total Hours:** 120

Code	Title	Hours
<b>General Education Requirements</b>		
<i>English Composition</i>		
See Academic Regulation 3.5 (p. 944)		
ENGL 1113	Composition I	3
or ENGL 1313	Critical Analysis and Writing I	
Select one from the following:		3
ENGL 1213	Composition II	
ENGL 1413	Critical Analysis and Writing II	
ENGL 3323	Technical Writing	
<i>American History &amp; Government</i>		
HIST 1103	Survey of American History	3
or HIST 1483	American History to 1865 (H)	
or HIST 1493	American History Since 1865 (DH)	
POLS 1113	American Government	3
<i>Analytical &amp; Quantitative Thought (A)</i>		
MATH 2144	Calculus I (A)	4
MATH 2153	Calculus II (A)	3
<i>Humanities (H)</i>		
Courses designated (H)		6
<i>Natural Sciences (N)</i>		
Must include one Laboratory Science (L) course		
Courses designated (N)		6
<i>Social &amp; Behavioral Sciences (S)</i>		
SPCH 2713	Introduction to Speech Communication (S)	3
ECON 2103	Introduction to Microeconomics (S)	3
<i>Additional General Education</i>		
Courses designated (A), (H), (N), or (S)		3
<b>Hours Subtotal</b>		<b>40</b>
<b>Diversity (D) &amp; International Dimension (I)</b>		
May be completed in any part of the degree plan		
Select at least one Diversity (D) course		
Select at least one International Dimension (I) course		
<b>College/Departmental Requirements</b>		
<i>First-Year Seminar</i>		
(Transfer students with 15 hours exempt)		1
<i>Arts &amp; Humanities</i>		
See note 2.a.		3
<i>Natural &amp; Mathematical Sciences</i>		
CS 1103	Computer Programming (A)	3
or CS 1113	Computer Science I (A)	
CS 2133	Computer Science II	3
or MATH 2233	Differential Equations	

CS 3513	Numerical Methods for Digital Computers	3
or CS 4513	Introduction to Numerical Analysis	
<i>Foreign Language</i>		
0-6 hours. See note 3.		
<i>Upper-Division General Education</i>		
Select 6 hours outside major department. See note 2.c.		
<b>Hours Subtotal</b>		<b>13</b>
<b>Major Requirements</b>		
Minimum GPA 2.50 with a minimum grade of "C" in each course.		
No more than 29 hours from ACCT, BADM, ECON, EEE, FIN, LSB, MGMT, MKTG, MSIS may be applied to the degree.		
<i>Statistics Core Courses:</i>		
MATH 2163	Calculus III	3
MATH 3013	Linear Algebra (A)	3
STAT 4013	Statistical Methods I (A)	3
STAT 4023	Statistical Methods II	3
STAT 4043	Applied Regression Analysis <sup>1</sup>	3
STAT 4193	SAS and R Programming	3
STAT 4203	Mathematical Statistics I	3
STAT 4213	Mathematical Statistics II	3
STAT 4981	Statistics Capstone I	1
or STAT 4991	Statistics Capstone II	
<i>Actuarial Science:</i>		
Select 18 hours from:		18
ACCT 2103	Financial Accounting <sup>1</sup>	
ACCT 2203	Managerial Accounting	
ECON 2203	Introduction to Macroeconomics <sup>1</sup>	
ECON 4213	Econometric Methods <sup>1</sup>	
ECON 4223	Business and Economic Forecasting <sup>1</sup>	
FIN 3113	Finance <sup>1</sup>	
FIN 3613	General Insurance	
FIN 4223	Investments	
FIN 4333	Financial Management <sup>1</sup>	
or FIN 4763	Financial Futures and Options Markets	
STAT 4980	Internship in Statistics (max 3 hours)	
STAT 5053	Time Series Analysis <sup>1</sup>	
Select 6 hours from:		6
ECON 3113	Intermediate Microeconomics	
MATH 4013	Calculus of Several Variables	
MATH 4453	Mathematical Interest Theory	
MGMT 3013	Fundamentals of Management (S)	
or any upper-division AGECE, ECON, FIN.		
<b>Hours Subtotal</b>		<b>49</b>
<b>Electives</b>		
Select 18 hours.		18
May need to include 6 hours of a foreign language. See note 3.		
May need to include 6 hours upper-division general education outside major department. See note 2.c.		
MATH 1513 and MATH 1813 required for students who do not place directly into MATH 2144.		
<b>Hours Subtotal</b>		<b>18</b>
<b>Total Hours</b>		<b>120</b>

1

Minimum grade of "B" required for the Society of Actuaries' Validation by Educational Experience (VEE) certification.

## Other Requirements

- See the College of Arts and Sciences Requirements.
- **Upper-Division Credit:** Total hours must include at least 40 hours in courses numbered 3000 or above.
- **Hours in One Department:** For B.A. and B.S. degrees, no more than 54 hours in one department may be applied to degree requirements.

## College of Arts and Sciences Requirements

### 1. General Education Requirements

No more than two courses (or eight hours) from the major department (<http://catalog.okstate.edu/college-arts-sciences-major-departments/>) may be used to meet General Education and College and Departmental Requirements. The General Education required English Composition, required U.S. History, required American Government, one required MATH or STAT course, and required foreign language for B.A. degrees do not count against the two-course maximum.

### 2. A&S College/Departmental Requirements

- a. Arts and Humanities are defined as any course carrying an (H) designation or courses from AMST, ART, DANC, ENGL (except ENGL 3323 Technical Writing) HIST, MUSI, PHIL (except PHIL 1313 Logic and Critical Thinking (A), PHIL 3003 Symbolic Logic (A) and PHIL 4003 Mathematical Logic and Computability), REL, TH, and foreign languages.
- b. Natural and Mathematical Sciences are defined as any course from the following prefixes: ASTR, BIOC, BIOL, CHEM, CS (except CS 4883 Social Issues in Computing), GEOL, MATH, MICR, PBIO, PHYS, and STAT; or courses from other departments that carry an (A) or (N) general education designation.
- c. The required six hours of upper-division General Education may not include courses from the student's major department. This requirement may be satisfied by courses also used to satisfy any part of a student's degree program (i.e., in General Education, College Departmental Requirements, Major Requirements or Electives).
- d. Non-Western Studies Requirement for B.A. and B.F.A.; One 3-hour course in Non-Western Studies (N.W.). This requirement may be satisfied by courses also used to satisfy any part of a student's degree program (i.e., in General Education, College Departmental Requirements, Major Requirements or Electives).
- e. The College of Arts & Sciences requires a minimum 2.0 GPA in all major requirements and a minimum 2.0 GPA in all major-prefix courses applied to the degree.

### 3. Foreign Language Proficiency

- a. The foreign language requirement for the B.A. may be satisfied by 9 hours college credit in the same language, which must include 3 hours at the 2000-level, or equivalent proficiency (e.g., passing an advanced standing examination; TOEFL exam; presenting a high school transcript which demonstrates the high school was primarily conducted in a language other than English; etc.). Computer Science courses may not be used to satisfy this requirement. Currently Arabic and Mvskoke are not offered at the 2000-level at OSU.

- b. The foreign language requirement for the B.S., B.M. and B.F.A. may be satisfied by presenting a high school transcript which demonstrates two years of study of a single foreign language (passing grades at second-year level of study). It may also be satisfied by 6 hours college credit in the same language, which must include language courses 1713 and 1813, or equivalent proficiency (e.g., passing an advanced standing examination; TOEFL exam; presenting a high school transcript which demonstrates the high school was primarily conducted in a language other than English; etc.). Computer Science courses may not be used to satisfy this requirement.
- c. In addition to a. and b., students pursuing teacher certification must meet novice-high foreign language proficiency by presenting a high school transcript which demonstrates two years of study of a single foreign language with no grade below B. Or, students may complete 3 hours college credit in a single language with no grade below C (or pass an advanced standing examination, College Level Examination Program (CLEP) exam, or Oral Proficiency Interview developed by the American Council on the Teaching of Foreign Languages, equivalent to 3 hours of college credit.) Or, students may meet the requirement by transfer of documentation of meeting the foreign language competency from one of the teacher education programs in the State of Oklahoma approved by the Oklahoma State Regents for Higher Education.

### 4. Exclusions

- a. Courses used to satisfy the General Education English Composition, U.S. History, American Government, and Mathematics or Statistics requirements will not count toward the 54-hour maximum allowed from one department.
- b. Courses with ATHL or LEIS prefixes and leisure activity courses may not be used for degree credit.

## Additional State/OSU Requirements

- At least: 60 hours at a four-year institution; 30 hours completed at OSU; 15 of the final 30 or 50% of the upper-division hours in the major field completed at OSU.
- Limit of: one-half of major course requirements as transfer work; one-fourth of hours earned by correspondence; 8 transfer correspondence hours.
- Students will be held responsible for degree requirements in effect at the time of matriculation and any changes that are made, so long as these changes do not result in semester credit hours being added or do not delay graduation.
- Degrees that follow this plan must be completed by the end of Summer 2028.

## Example Plan of Study

### Finish in Four Plan of Study

The plan below is an **example** of how students can successfully complete degree requirements in four years. This suggested class schedule plan may be used as a guide and can be adjusted based on individual needs. Students are required to meet with an academic advisor prior to enrollment each semester to plan their class schedule, and students are ultimately responsible for completing all degree requirements.

Course	Title	Hours
<b>Freshman</b>		
<b>Fall</b>		
MATH 2144	Calculus I (A)	4
General Education and Elective courses (MSIS 2103 recommended)		11
<b>Hours</b>		<b>15</b>
<b>Spring</b>		
MATH 2153	Calculus II (A)	3
ECON 2103	Introduction to Microeconomics (S)	3
General Education courses		9
<b>Hours</b>		<b>15</b>
<b>Sophomore</b>		
<b>Fall</b>		
MATH 2163	Calculus III	3
STAT 4013	Statistical Methods I (A)	3
ACCT 2003 or ECON 2203	Survey of Accounting or Introduction to Macroeconomics	3
General Education courses		6
<b>Hours</b>		<b>15</b>
<b>Spring</b>		
MATH 3013	Linear Algebra (A)	3
STAT 4023	Statistical Methods II	3
CS 1103 or CS 1113	Computer Programming (A) or Computer Science I (A)	3
3 hours from Actuarial Science courses		3
College and Elective courses		3
<b>Hours</b>		<b>15</b>
<b>Junior</b>		
<b>Fall</b>		
STAT 4193	SAS and R Programming	3
CS 2133 or MATH 2233	Computer Science II or Differential Equations	3
3 hours from Actuarial Science courses		3
Major, College, and Elective courses		6
<b>Hours</b>		<b>15</b>
<b>Spring</b>		
STAT 4043	Applied Regression Analysis	3
3 hours from Actuarial Science courses		3
Major Elective		3
College and Elective courses		6
<b>Hours</b>		<b>15</b>
<b>Senior</b>		
<b>Fall</b>		
STAT 4203	Mathematical Statistics I	3
CS 3513 or CS 4513	Numerical Methods for Digital Computers or Introduction to Numerical Analysis	3
STAT 4981	Statistics Capstone I (if Grad School bound)	1
3 hours from Concentration		3
Major, College, and Elective courses		5
<b>Hours</b>		<b>15</b>
<b>Spring</b>		
STAT 4213	Mathematical Statistics II	3
STAT 4991	Statistics Capstone II (if Industry bound)	1
3 hours from Actuarial Science courses		3
Major elective		3
Elective courses		5
<b>Hours</b>		<b>15</b>
<b>Total Hours</b>		<b>120</b>

## Statistics: Business Essentials, BS

### Degree Requirements

**Requirements for Students Matriculating in or before Academic Year 2022-2023.** Learn more about University Academic Regulation 3.1 (p. 943).

**Minimum Overall Grade Point Average:** 2.00

**Total Hours:** 120

Code	Title	Hours
<b>General Education Requirements</b>		
<i>English Composition</i>		
See Academic Regulation 3.5 (p. 944)		
ENGL 1113	Composition I	3
or ENGL 1313	Critical Analysis and Writing I	
Select one of the following:		3
ENGL 1213	Composition II	
ENGL 1413	Critical Analysis and Writing II	
ENGL 3323	Technical Writing	
<i>American History &amp; Government</i>		
HIST 1103	Survey of American History	3
or HIST 1483	American History to 1865 (H)	
or HIST 1493	American History Since 1865 (DH)	
POLS 1113	American Government	3
<i>Analytical &amp; Quantitative Thought (A)</i>		
MATH 2144	Calculus I (A)	4
MATH 2153	Calculus II (A)	3
<i>Humanities (H)</i>		
Courses designated (H)		6
<i>Natural Sciences (N)</i>		
Must include one Laboratory Science (L) course.		
Courses designated (N)		6
<i>Social &amp; Behavioral Sciences (S)</i>		
SPCH 2713	Introduction to Speech Communication (S)	3
MGMT 3013	Fundamentals of Management (S)	3
<i>Additional General Education</i>		
Courses designated (A), (H), (N), or (S)		3
<b>Hours Subtotal</b>		<b>40</b>
<b>Diversity (D) &amp; International Dimension (I)</b>		
May be completed in any part of the degree plan		
Select at least one Diversity (D) course		
Select at least one International Dimension (I) course		
<b>College/Departmental Requirements</b>		
<i>First-Year Seminar</i>		
(Transfer students with 15 hours exempt)		1
<i>Arts &amp; Humanities</i>		
See note 2.a.		3
<i>Natural &amp; Mathematical Sciences</i>		
CS 1103	Computer Programming (A)	3
or CS 1113	Computer Science I (A)	
CS 2133	Computer Science II	3
or MATH 2233	Differential Equations	

CS 3513	Numerical Methods for Digital Computers	3
or CS 4513	Introduction to Numerical Analysis	

*Foreign Language*

0-6 hours. See note 3.

*Upper-Division General Education*

Select 6 hours outside major department. See note 2.c.

**Hours Subtotal** **13**

**Major Requirements**

Minimum GPA 2.50 with a minimum grade of "C" in each course.

No more than 29 hours from ACCT, BADM, ECON, EEE, FIN, LSB, MGMT, MKTG, MSIS may be applied to the degree.

*Statistics Core Courses:*

MATH 2163	Calculus III	3
MATH 3013	Linear Algebra (A)	3
STAT 4013	Statistical Methods I (A)	3
STAT 4023	Statistical Methods II	3
STAT 4043	Applied Regression Analysis	3
STAT 4193	SAS and R Programming	3
STAT 4203	Mathematical Statistics I	3
STAT 4213	Mathematical Statistics II	3
STAT 4981	Statistics Capstone I	1
or STAT 4991	Statistics Capstone II	

*Area of Application:*

9 hours to be selected from upper-division CS, ECON, FIN, IEM, MATH, MSIS, STAT (no more than 3 hours of STAT 4980).

*Business Essentials Concentration:*

ACCT 2003	Survey of Accounting	3
MKTG 3213	Marketing (S)	3
3 hours from:		3
ECON 2003	Microeconomic Principles for Business	
EEE 2023	Introduction to Entrepreneurship	
LSB 3213	Legal and Regulatory Environment of Business	
MSIS 2103	Business Data Science Technologies	

**Hours Subtotal** **43**

**Electives**

Select 24 hours. **24**

May need 6 hours of a foreign language. See note 3.

May need to include 6 hours upper-division general education outside major department. See note 2.c.

MATH 1513 and MATH 1813 required for students who do not place directly into MATH 2144.

**Hours Subtotal** **24**

**Total Hours** **120**

### Other Requirements

- See the College of Arts and Sciences Requirements.
- **Upper-Division Credit:** Total hours must include at least 40 hours in courses numbered 3000 or above.
- **Hours in One Department:** For B.A. and B.S. degrees, no more than 54 hours in one department may be applied to degree requirements.



# College of Arts and Sciences Requirements

## 1. General Education Requirements

No more than two courses (or eight hours) from the major department (<http://catalog.okstate.edu/college-arts-sciences-major-departments/>) may be used to meet General Education and College and Departmental Requirements. The General Education required English Composition, required U.S. History, required American Government, one required MATH or STAT course, and required foreign language for B.A. degrees do not count against the two-course maximum.

## 2. A&S College/Departmental Requirements

- Arts and Humanities are defined as any course carrying an (H) designation or courses from AMST, ART, DANC, ENGL (except ENGL 3323 Technical Writing) HIST, MUSI, PHIL (except PHIL 1313 Logic and Critical Thinking (A), PHIL 3003 Symbolic Logic (A) and PHIL 4003 Mathematical Logic and Computability), REL, TH, and foreign languages.
- Natural and Mathematical Sciences are defined as any course from the following prefixes: ASTR, BIOC, BIOL, CHEM, CS (except CS 4883 Social Issues in Computing), GEOL, MATH, MICR, PBIO, PHYS, and STAT; or courses from other departments that carry an (A) or (N) general education designation.
- The required six hours of upper-division General Education may not include courses from the student's major department. This requirement may be satisfied by courses also used to satisfy any part of a student's degree program (i.e., in General Education, College Departmental Requirements, Major Requirements or Electives).
- Non-Western Studies Requirement for B.A. and B.F.A.; One 3-hour course in Non-Western Studies (N.W.). This requirement may be satisfied by courses also used to satisfy any part of a student's degree program (i.e., in General Education, College Departmental Requirements, Major Requirements or Electives).
- The College of Arts & Sciences requires a minimum 2.0 GPA in all major requirements and a minimum 2.0 GPA in all major-prefix courses applied to the degree.

## 3. Foreign Language Proficiency

- The foreign language requirement for the B.A. may be satisfied by 9 hours college credit in the same language, which must include 3 hours at the 2000-level, or equivalent proficiency (e.g., passing an advanced standing examination; TOEFL exam; presenting a high school transcript which demonstrates the high school was primarily conducted in a language other than English; etc.). Computer Science courses may not be used to satisfy this requirement. Currently Arabic and Mvskoke are not offered at the 2000-level at OSU.
- The foreign language requirement for the B.S., B.M. and B.F.A. may be satisfied by presenting a high school transcript which demonstrates two years of study of a single foreign language (passing grades at second-year level of study). It may also be satisfied by 6 hours college credit in the same language, which must include language courses 1713 and 1813, or equivalent proficiency (e.g., passing an advanced standing examination; TOEFL exam; presenting a high school transcript which demonstrates the high school was primarily conducted in a language other than English; etc.). Computer Science courses may not be used to satisfy this requirement.

- In addition to a. and b., students pursuing teacher certification must meet novice-high foreign language proficiency by presenting a high school transcript which demonstrates two years of study of a single foreign language with no grade below B. Or, students may complete 3 hours college credit in a single language with no grade below C (or pass an advanced standing examination, College Level Examination Program (CLEP) exam, or Oral Proficiency Interview developed by the American Council on the Teaching of Foreign Languages, equivalent to 3 hours of college credit.) Or, students may meet the requirement by transfer of documentation of meeting the foreign language competency from one of the teacher education programs in the State of Oklahoma approved by the Oklahoma State Regents for Higher Education.

## 4. Exclusions

- Courses used to satisfy the General Education English Composition, U.S. History, American Government, and Mathematics or Statistics requirements will not count toward the 54-hour maximum allowed from one department.
- Courses with ATHL or LEIS prefixes and leisure activity courses may not be used for degree credit.

## Additional State/OSU Requirements

- At least: 60 hours at a four-year institution; 30 hours completed at OSU; 15 of the final 30 or 50% of the upper-division hours in the major field completed at OSU.
- Limit of: one-half of major course requirements as transfer work; one-fourth of hours earned by correspondence; 8 transfer correspondence hours.
- Students will be held responsible for degree requirements in effect at the time of matriculation and any changes that are made, so long as these changes do not result in semester credit hours being added or do not delay graduation.
- Degrees that follow this plan must be completed by the end of Summer 2028.

## Example Plan of Study

### Finish in Four Plan of Study

The plan below is an **example** of how students can successfully complete degree requirements in four years. This suggested class schedule plan may be used as a guide and can be adjusted based on individual needs. Students are required to meet with an academic advisor prior to enrollment each semester to plan their class schedule, and students are ultimately responsible for completing all degree requirements.

Course	Title	Hours
<b>Freshman</b>		
<b>Fall</b>		
MATH 2144	Calculus I (A)	4
General Education and Elective courses (MSIS 2103 recommended)		11
<b>Hours</b>		<b>15</b>
<b>Spring</b>		
MATH 2153	Calculus II (A)	3
ECON 2003	Microeconomic Principles for Business	3
ACCT 2003	Survey of Accounting	3
General Education courses		6
<b>Hours</b>		<b>15</b>

**Sophomore****Fall**

MATH 2163	Calculus III	3
STAT 4013	Statistical Methods I (A)	3
MGMT 3013	Fundamentals of Management (S)	3
General Education courses		6
<b>Hours</b>		<b>15</b>

**Spring**

MATH 3013	Linear Algebra (A)	3
STAT 4023	Statistical Methods II	3
CS 1103 or CS 1113	Computer Programming (A) or Computer Science I (A)	3
MKTG 3213	Marketing (S)	3
College and Elective courses		3
<b>Hours</b>		<b>15</b>

**Junior****Fall**

STAT 4193	SAS and R Programming	3
CS 2133 or MATH 2233	Computer Science II or Differential Equations	3
3 hours from Area of Application		3
Major, College, and Elective courses		6
<b>Hours</b>		<b>15</b>

**Spring**

STAT 4043	Applied Regression Analysis	3
3 hours from Area of Application		3
Major, College, and Elective courses		9
<b>Hours</b>		<b>15</b>

**Senior****Fall**

STAT 4203	Mathematical Statistics I	3
CS 3513 or CS 4513	Numerical Methods for Digital Computers or Introduction to Numerical Analysis	3
STAT 4981	Statistics Capstone I (if Grad School bound)	1
3 hours from Area of Application		3
Major, College, and Elective courses		5
<b>Hours</b>		<b>15</b>

**Spring**

STAT 4213	Mathematical Statistics II	3
STAT 4991	Statistics Capstone II (if Industry bound)	1
Major, College, and Elective courses		11
<b>Hours</b>		<b>15</b>
<b>Total Hours</b>		<b>120</b>

# Statistics: Data Science, BS

## Degree Requirements

**Requirements for Students Matriculating in or before Academic Year 2022-2023.** Learn more about University Academic Regulation 3.1 (p. 943).

**Minimum Overall Grade Point Average:** 2.00

**Total Hours:** 120

Code	Title	Hours
<b>General Education Requirements</b>		
<i>English Composition</i>		
See Academic Regulation 3.5 (p. 944)		
ENGL 1113	Composition I	3
or ENGL 1313	Critical Analysis and Writing I	
ENGL 1213	Composition II	3
or ENGL 1413	Critical Analysis and Writing II	
or ENGL 3323	Technical Writing	
<i>American History &amp; Government</i>		
HIST 1103	Survey of American History	3
or HIST 1483	American History to 1865 (H)	
or HIST 1493	American History Since 1865 (DH)	
POLS 1113	American Government	3
<i>Analytical &amp; Quantitative Thought (A)</i>		
MATH 2144	Calculus I (A)	4
MATH 2153	Calculus II (A)	3
<i>Humanities (H)</i>		
Courses designated (H)		6
<i>Natural Sciences (N)</i>		
Must include one Laboratory Science (L) course.		
Courses designated (N)		6
<i>Social &amp; Behavioral Sciences (S)</i>		
SPCH 2713	Introduction to Speech Communication (S)	3
<i>Additional General Education</i>		
Courses designated (A), (H), (N), or (S)		6
<b>Hours Subtotal</b>		<b>40</b>
<b>Diversity (D) &amp; International Dimension (I)</b>		
May be completed in any part of the degree plan		
Select at least one Diversity (D) course		
Select at least one International Dimension (I) course		
<b>College/Departmental Requirements</b>		
<i>First-Year Seminar</i>		
(Transfer students with 15 hours exempt)		1
<i>Arts &amp; Humanities</i>		
(see note 2.a.)		3
<i>Natural &amp; Mathematical Sciences</i>		
CS 1103	Computer Programming (A)	3
or CS 1113	Computer Science I (A)	
CS 2133	Computer Science II	3
or MATH 2233	Differential Equations	
CS 3513	Numerical Methods for Digital Computers	3
or CS 4513	Introduction to Numerical Analysis	

### Foreign Language

0-6 hours. See note 3.

### Upper-Division General Education

6 hours outside major department (See note 2.c.)

**Hours Subtotal** **13**

### Major Requirements

Minimum GPA 2.50 with a minimum grade of "C" in each course.

No more than 29 hours from ACCT, BADM, ECON, EEE, FIN, LSB, MGMT, MKTG, MSIS may be applied to the degree.

### Statistics Core Courses

MATH 2163	Calculus III	3
MATH 3013	Linear Algebra (A)	3
STAT 4013	Statistical Methods I (A)	3
STAT 4023	Statistical Methods II	3
STAT 4043	Applied Regression Analysis	3
STAT 4193	SAS and R Programming	3
STAT 4203	Mathematical Statistics I	3
STAT 4213	Mathematical Statistics II	3
STAT 4981	Statistics Capstone I	1
or STAT 4991	Statistics Capstone II	

### Data Science

MSIS 2103	Business Data Science Technologies	3
MSIS 3103	End User Database Systems Design and Management	3
STAT 4463	Statistical Machine Learning with R	3

Select 9 hours from the following:

MSIS 2203	Computer Programming for Business	
MSIS 3223	Principles of Data Analytics	
MSIS 3233	Management Science - Prescriptive Analytics	
MSIS 3243	Descriptive Analytics	
MSIS 3393	Advanced Spreadsheet Modeling and Programming	
MSIS 4263	Business Intelligence and Predictive Analytics	
MSIS 4623	Data Science Programming	
MSIS 4673	Data Visualization	
STAT 4980	Internship in Statistics (max 3 hours)	
STAT 5053	Time Series Analysis	

Select 6 additional hours from Data Science courses or 6 hours from any upper-division CS, MATH, MKTG, MGMT, MSIS, or STAT.

**Hours Subtotal** **49**

### Electives

18 hours **18**

May need to include 6 hours of a foreign language. (see note 3.)

May need to include 6 hours upper-division general education outside major department (see note 2.c.)

MATH 1513 and MATH 1813 required for students who do not place directly into MATH 2144.

**Hours Subtotal** **18**

**Total Hours** **120**

## Other Requirements

- See the College of Arts and Sciences Requirements.
- **Upper-Division Credit:** Total hours must include at least 40 hours in courses numbered 3000 or above.
- **Hours in One Department:** For B.A. and B.S. degrees, no more than 54 hours in one department may be applied to degree requirements.

## College of Arts and Sciences Requirements

### 1. General Education Requirements

No more than two courses (or eight hours) from the major department (<http://catalog.okstate.edu/college-arts-sciences-major-departments/>) may be used to meet General Education and College and Departmental Requirements. The General Education required English Composition, required U.S. History, required American Government, one required MATH or STAT course, and required foreign language for B.A. degrees do not count against the two-course maximum.

### 2. A&S College/Departmental Requirements

- Arts and Humanities are defined as any course carrying an (H) designation or courses from AMST, ART, DANC, ENGL (except ENGL 3323 Technical Writing) HIST, MUSI, PHIL (except PHIL 1313 Logic and Critical Thinking (A), PHIL 3003 Symbolic Logic (A) and PHIL 4003 Mathematical Logic and Computability), REL, TH, and foreign languages.
- Natural and Mathematical Sciences are defined as any course from the following prefixes: ASTR, BIOC, BIOL, CHEM, CS (except CS 4883 Social Issues in Computing), GEOL, MATH, MICR, PBIO, PHYS, and STAT; or courses from other departments that carry an (A) or (N) general education designation.
- The required six hours of upper-division General Education may not include courses from the student's major department. This requirement may be satisfied by courses also used to satisfy any part of a student's degree program (i.e., in General Education, College Departmental Requirements, Major Requirements or Electives).
- Non-Western Studies Requirement for B.A. and B.F.A.; One 3-hour course in Non-Western Studies (N.W.). This requirement may be satisfied by courses also used to satisfy any part of a student's degree program (i.e., in General Education, College Departmental Requirements, Major Requirements or Electives).
- The College of Arts & Sciences requires a minimum 2.0 GPA in all major requirements and a minimum 2.0 GPA in all major-prefix courses applied to the degree.

### 3. Foreign Language Proficiency

- The foreign language requirement for the B.A. may be satisfied by 9 hours college credit in the same language, which must include 3 hours at the 2000-level, or equivalent proficiency (e.g., passing an advanced standing examination; TOEFL exam; presenting a high school transcript which demonstrates the high school was primarily conducted in a language other than English; etc.). Computer Science courses may not be used to satisfy this requirement. Currently Arabic and Mvskoke are not offered at the 2000-level at OSU.
- The foreign language requirement for the B.S., B.M. and B.F.A. may be satisfied by presenting a high school transcript which demonstrates two years of study of a single foreign language (passing grades at second-year level of study). It may also

be satisfied by 6 hours college credit in the same language, which must include language courses 1713 and 1813, or equivalent proficiency (e.g., passing an advanced standing examination; TOEFL exam; presenting a high school transcript which demonstrates the high school was primarily conducted in a language other than English; etc.). Computer Science courses may not be used to satisfy this requirement.

- In addition to a. and b., students pursuing teacher certification must meet novice-high foreign language proficiency by presenting a high school transcript which demonstrates two years of study of a single foreign language with no grade below B. Or, students may complete 3 hours college credit in a single language with no grade below C (or pass an advanced standing examination, College Level Examination Program (CLEP) exam, or Oral Proficiency Interview developed by the American Council on the Teaching of Foreign Languages, equivalent to 3 hours of college credit.) Or, students may meet the requirement by transfer of documentation of meeting the foreign language competency from one of the teacher education programs in the State of Oklahoma approved by the Oklahoma State Regents for Higher Education.

### 4. Exclusions

- Courses used to satisfy the General Education English Composition, U.S. History, American Government, and Mathematics or Statistics requirements will not count toward the 54-hour maximum allowed from one department.
- Courses with ATHL or LEIS prefixes and leisure activity courses may not be used for degree credit.

## Additional State/OSU Requirements

- At least: 60 hours at a four-year institution; 30 hours completed at OSU; 15 of the final 30 or 50% of the upper-division hours in the major field completed at OSU.
- Limit of: one-half of major course requirements as transfer work; one-fourth of hours earned by correspondence; 8 transfer correspondence hours.
- Students will be held responsible for degree requirements in effect at the time of matriculation and any changes that are made, so long as these changes do not result in semester credit hours being added or do not delay graduation.
- Degrees that follow this plan must be completed by the end of Summer 2028.

## Example Plan of Study

### Finish in Four Plan of Study

The plan below is an **example** of how students can successfully complete degree requirements in four years. This suggested class schedule plan may be used as a guide and can be adjusted based on individual needs. Students are required to meet with an academic advisor prior to enrollment each semester to plan their class schedule, and students are ultimately responsible for completing all degree requirements.

Course	Title	Hours
<b>Freshman</b>		
<b>Fall</b>		
MSIS 2103	Business Data Science Technologies	3
MATH 2144	Calculus I (A)	4
General Education and Elective courses (MSIS 2103 recommended)		8
<b>Hours</b>		<b>15</b>

<b>Spring</b>		
MATH 2153	Calculus II (A)	3
General Education courses		12
<b>Hours</b>		<b>15</b>
<b>Sophomore</b>		
<b>Fall</b>		
MATH 2163	Calculus III	3
STAT 4013	Statistical Methods I (A)	3
MSIS 3103	End User Database Systems Design and Management	3
General Education courses		6
<b>Hours</b>		<b>15</b>
<b>Spring</b>		
MATH 3013	Linear Algebra (A)	3
STAT 4023	Statistical Methods II	3
CS 1113	Computer Science I (A)	3
or CS 1103	or Computer Programming (A)	
College and Elective courses		6
<b>Hours</b>		<b>15</b>
<b>Junior</b>		
<b>Fall</b>		
STAT 4193	SAS and R Programming	3
CS 2133	Computer Science II	3
or MATH 2233	or Differential Equations	
MSIS 3223	Principles of Data Analytics	3
Major, College, and Elective courses		6
<b>Hours</b>		<b>15</b>
<b>Spring</b>		
STAT 4043	Applied Regression Analysis	3
MSIS 3233	Management Science - Prescriptive Analytics	3
Major Elective		3
College and Elective courses		6
<b>Hours</b>		<b>15</b>
<b>Senior</b>		
<b>Fall</b>		
STAT 4203	Mathematical Statistics I	3
CS 3513	Numerical Methods for Digital Computers	3
or CS 4513	or Introduction to Numerical Analysis	
STAT 4981	Statistics Capstone I (if Grad School bound)	1
3 hours from Data Science courses		3
Major Elective		3
College and Elective courses		2
<b>Hours</b>		<b>15</b>
<b>Spring</b>		
STAT 4213	Mathematical Statistics II	3
STAT 4991	Statistics Capstone II (if Industry bound)	1
STAT 4463	Statistical Machine Learning with R	3
Elective courses		8
<b>Hours</b>		<b>15</b>
<b>Total Hours</b>		<b>120</b>

## Theatre

The Department of Theatre offers the Bachelor of Arts in Theatre degree and minors in Theatre and Dance.

The BA degree is a generalist degree, designed to provide a broad background in practical and theoretical areas while allowing students to develop an area of emphasis. The BA in Theatre is a comprehensive 48-hour degree with coursework in performance, technical theatre, directing, design, theatre history and dramatic literature. Students may elect an emphasis in performance, technical theatre, and design, or a combination of performance and design/tech. This degree program is ideally suited for students interested in several areas of performance and production and who desire a comprehensive education in every aspect of theatre. The size of the degree plan allows for students to pursue a double major or minor in another discipline.

An active production program in two well-equipped theatre spaces augments coursework. The regular production schedule consists of four faculty-supported main stage productions each year and two to four studio productions that are primarily directed, designed, and performed by students. Students also have the opportunity to study with a variety of guest artists and scholars during each academic year.

In addition to professional careers in acting and production, this major can lead to careers in arts management, teaching, law, counseling, or any career area where effective personal communication, team work, problem solving, and creativity are essential.

## Courses

### DANC 1003 Introduction to Dance Studies (H)

**Description:** Explore dance as an art form and academic discipline within a global context. No prior dance experience necessary.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Theatre

**General Education and other Course Attributes:** Humanities

### DANC 1200 Dance Ensemble Practicum

**Description:** Directed study and practice of dance in performance as a soloist or ensemble member. Offered for variable credit, 1-2 credit hours, maximum of 6 credit hours.

**Credit hours:** 1-2

**Contact hours:** Contact: 1-2 Other: 1-2

**Levels:** Undergraduate

**Schedule types:** Independent Study

**Department/School:** Theatre

### DANC 2002 Ballet I

**Description:** Fundamentals of ballet vocabulary, technique, and aesthetics taught through exercises at the barre, center work, and movement combinations. Suitable for the beginning through advanced student.

**Credit hours:** 2

**Contact hours:** Lecture: 1 Lab: 2 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lab, Lecture, Combined lecture and lab

**Department/School:** Theatre

### DANC 2102 Contemporary Modern Dance I

**Description:** Class provides an introduction to the use of gravity, spatial awareness, rhythm, and energy through study of global influences which construct contemporary dance - through floor work, center, and traveling combinations. Suitable for the beginning through advanced student.

**Credit hours:** 2

**Contact hours:** Lecture: 1 Lab: 2 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lab, Lecture, Combined lecture and lab

**Department/School:** Theatre

### DANC 2202 Jazz Dance

**Description:** Jazz dance techniques for theatrical performance emphasizing body alignment, coordination, flexibility, rhythm and jazz dance vocabulary in simple dance combinations. Suitable for the beginning through advanced student. Previously offered as TH 2412.

**Credit hours:** 2

**Contact hours:** Lecture: 1 Lab: 2 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lab, Lecture, Combined lecture and lab

**Department/School:** Theatre

### DANC 2302 Tap

**Description:** Fundamentals of tap dance techniques for theatrical performance emphasizing coordination, rhythm, and dance vocabulary in simple tap combinations. Suitable for the beginning through advanced student. Previously offered as TH 2432.

**Credit hours:** 2

**Contact hours:** Lecture: 1 Lab: 2 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lab, Lecture, Combined lecture and lab

**Department/School:** Theatre

### DANC 2402 Hip Hop Dance and Cultures

**Description:** This class provides an introduction to hip hop dance techniques and histories. Grounded in appropriate historical and cultural contexts, students will experience various styles under the Hip Hop "umbrella", and develop an understanding of the socio-cultural forces which shape the form.

**Credit hours:** 2

**Contact hours:** Lecture: 1 Lab: 2 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lab, Lecture, Combined lecture and lab

**Department/School:** Theatre



**DANC 2563 American Social Dance and Visual Culture**

**Description:** This introductory course offers a beginning-level survey of the cultural history of social dance in North America from the eighteenth century to the present. It combines study of the history, theory, and visual/material culture of social dance with physical practice of specific dance forms. Because few comprehensive written sources exist for social dance, visual art, including film, animation, paintings, sculpture, photography, and illustration, is a vital tool for understanding historic dance and its role in American society. Over the course of the semester, we will examine the visual culture of social dance in order to gain insight into its historical functions as a tool for social cohesion, intercultural exchange, protest/activism, and identity formation, among other things. Through the practice of these dance forms, we will add an experiential component to our analysis of the roles that social dance has played in American culture over time. Same course as ART 2563.

**Credit hours:** 3

**Contact hours:** Contact: 3 Other: 3

**Levels:** Undergraduate

**Schedule types:** Discussion

**Department/School:** Theatre

**DANC 2602 Dance Composition**

**Prerequisites:** DANC 2002 and DANC 2102 or permission of instructor.

**Description:** An investigation of the elements of dance composition and improvisation in order to experience new kinds of movement, make connections among varied movement ideas, and seek new relationships to create dances. A primer for choreographic studies.

**Credit hours:** 2

**Contact hours:** Lecture: 1 Lab: 2 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lab, Lecture, Combined lecture and lab

**Department/School:** Theatre

**DANC 2603 Context and Cultures: Mapping the Dancing Body (H)**

**Description:** This course orients students to the field of dance as an art form and academic discipline that exists beyond simple entertainment. Through readings, video viewing, discussions, writing, and creative assignments students will attune to "reading" the body as a space of intelligence, a creator and product of culture, and entwined within its socio-political contexts. Students will apply critical lenses of gender, race/ethnicity, economics, sexuality, and colonial/post-colonial/neo-colonialism to analyze systems of power. Coursework is curated to encourage curiosity, critical engagement, and a layered understanding of the rich lineages of dance. Students will demonstrate their understanding through written, spoken, and movement-based work.

**Credit hours:** 3

**Contact hours:** Contact: 3 Other: 3

**Levels:** Undergraduate

**Schedule types:** Discussion

**Department/School:** Theatre

**General Education and other Course Attributes:** Humanities

**DANC 3002 Ballet II**

**Prerequisites:** DANC 2002 or permission of instructor.

**Description:** Building upon Ballet I, this course emphasizes technical and artistic skills in style and presentation, and the use of increasingly complex combinations and technical vocabulary.

**Credit hours:** 2

**Contact hours:** Lecture: 1 Lab: 2 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lab, Lecture, Combined lecture and lab

**Department/School:** Theatre

**DANC 3102 Contemporary Modern Dance II**

**Prerequisites:** DANC 2102 or permission of instructor.

**Description:** Building on DANC 2102, class provides a continued investigation in to the use of gravity, spatial awareness, rhythm, and energy through study of global influences which construct contemporary dance - through floor work, center, and traveling combinations. Suitable for intermediate through advanced students.

**Credit hours:** 2

**Contact hours:** Lecture: 1 Lab: 2 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lab, Lecture, Combined lecture and lab

**Department/School:** Theatre

**DANC 3400 Teaching Assistant Practicum**

**Prerequisites:** Permission of instructor.

**Description:** Directed study and practice of dance teaching. This course provides the opportunity for students to learn about the process of teaching through active observation and assisting the instructor during a dance course. Offered for variable credit, 1-2 credit hours, maximum of 3 credit hours.

**Credit hours:** 1-2

**Contact hours:** Lecture: 1-2 Lab: 2-4 Contact: 3-6

**Levels:** Undergraduate

**Schedule types:** Lab, Lecture, Combined lecture and lab

**Department/School:** Theatre

**DANC 3502 Musical Theatre Dance**

**Prerequisites:** Ballet 1 or consent of instructor.

**Description:** Course focuses on training performers in the various dance styles used in Broadway and Off-Broadway musicals, and demonstrates the dance skills through performance of choreography by well-known choreographers.

**Credit hours:** 2

**Contact hours:** Lecture: 1 Lab: 2 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lab, Lecture, Combined lecture and lab

**Department/School:** Theatre

**DANC 3530 Special Topics in Dance**

**Prerequisites:** Instructor approval.

**Description:** This course offers specialized topics in dance techniques and dance histories. Offered for variable credit, 1-3 credit hours, maximum of 3 credit hours.

**Credit hours:** 1-3

**Contact hours:** Lecture: 1-3 Lab: 1-4 Contact: 2-7

**Levels:** Undergraduate

**Schedule types:** Lab, Lecture, Combined lecture and lab

**Department/School:** Theatre

**DANC 3603 Choreography**

**Prerequisites:** DANC 2602 or permission of instructor.

**Description:** Building upon DANC 2602 Dance Composition, this course is an investigation of dance composition and the choreographic process. Students will learn and execute the fundamentals of dance choreography.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Theatre

**DANC 3703 Competition Dance - Through an Ethnographic Lens**

**Description:** This upper-level course provides students the opportunity to learn, broadly, about dance as an expression of culture and, specifically, about the phenomenon of commercial competition dance in the United States. Through readings, lectures, discussion, and active fieldwork, students will learn about and utilize Ethnography as a framework for research; apply critical lenses to analysis of research, and plan, administer, and report on active field research. From week to week, students will observe and analyze filmed competition dance classes, rehearsals, and performances through critical research lenses of economics, pedagogy, race/ethnicity, gender, and performance of sexuality. Students will also consider factors of child development as they relate to these lenses. Final work will be submitted as a written report and a verbal presentation developed in collaboration with a small group of peers.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Theatre

**TH 1301 BFA Acting Laboratory**

**Description:** The BFA Acting Laboratory is a course designed to give students the opportunity to explore concepts from their acting class in a laboratory environment. Using group problem-solving techniques, students will create weekly performances, critically respond to others performances and develop a sense of community within the BFA environment.

**Credit hours:** 1

**Contact hours:** Lecture: 1 Contact: 1

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Theatre

**TH 1310 BFA Movement Laboratory 1**

**Description:** The BFA Movement Laboratory is a course designed to give students the opportunity to explore concepts from their movement class in a laboratory environment. Students will be developing and strengthening their physical instrument (mind, body, voice) through rigorous physical investigation including yoga, tai chi, circuit training, circus, acrobatics, strength training, kinesthetic awareness and flexibility. Previously offered as TH 1311. Offered for variable credit, 1-4 credit hours, maximum of 4 credit hours.

**Credit hours:** 1-4

**Contact hours:** Lab: 2-8 Contact: 2-8

**Levels:** Undergraduate

**Schedule types:** Lab

**Department/School:** Theatre

**TH 1313 Vocal Technique**

**Description:** This course is a foundational class in singing and vocal technique. Students will learn the basics of singing in a group laboratory setting. From understanding the anatomy and elements of your instrument, to breath and proper breathing technique, to phrasing and placement, this is a step-by-step guide designed to enable all students to sing safely and strengthen their voice.

**Credit hours:** 3

**Contact hours:** Lecture: 2 Lab: 2 Contact: 4

**Levels:** Undergraduate

**Schedule types:** Lab, Lecture, Combined lecture and lab

**Department/School:** Theatre

**TH 1323 Acting I**

**Description:** An introduction to the craft of acting for performance: ensemble techniques, vocal and physical development for the actor, fundamental scene and character analysis, basic audition techniques, and scene performance workshops. No previous experience necessary. Previously offered as TH 1322.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Theatre

**TH 1330 BFA Movement Laboratory 2**

**Description:** The BFA Movement Laboratory 2 is a course designed to give students the opportunity to explore advanced concepts from their movement class in a laboratory environment working in ensemble. Students will be developing and strengthening their physical instrument (mind, body, voice) through rigorous physical investigation including partner yoga, adagio, advanced circus, advanced acrobatics, dramatic acrobatics, long form tai chi and mask work. Offered for fixed credit, 1 credit hour, maximum of 4 credit hours.

**Credit hours:** 1

**Contact hours:** Lab: 4 Contact: 4

**Levels:** Undergraduate

**Schedule types:** Lab

**Department/School:** Theatre

**TH 1333 Voice and Movement**

**Description:** Techniques and exercises to build the actor's awareness and ability to use the vocal and physical instruments for performance, including alignment, breathing, movement patterns, anatomy, resonance and range, and articulation.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Theatre

**TH 1500 Run Crew Practicum**

**Description:** Practical application of run crew duties by participation in technical rehearsals and performances for a Theatre Department Production. Offered for fixed 1 credit hour, maximum of 6 credit hours.

**Credit hours:** 1

**Contact hours:** Contact: 1 Other: 1

**Levels:** Undergraduate

**Schedule types:** Independent Study

**Department/School:** Theatre

**TH 1663 Stage Technology**

**Description:** An introduction to technical concepts for theatrical productions in the performance and entertainment disciplines. Lectures provide preparatory principles, concepts, and theory; laboratory hours teach hands-on skills needed in the technical production environment including scenographic elements and fabrication. Course previously offered as TH 1664.

**Credit hours:** 3

**Contact hours:** Lecture: 2 Lab: 2 Contact: 4

**Levels:** Undergraduate

**Schedule types:** Lab, Lecture, Combined lecture and lab

**Department/School:** Theatre

**TH 1673 Costume Technology**

**Description:** An introduction to costume technology. Lectures provide background and theory; laboratory hours teach hands-on skills needed in a theatrical costume shop including sewing, patterning and alterations. Course previously offered as TH 1674.

**Credit hours:** 3

**Contact hours:** Lecture: 2 Lab: 2 Contact: 4

**Levels:** Undergraduate

**Schedule types:** Lab, Lecture, Combined lecture and lab

**Department/School:** Theatre

**TH 2213 Stage Speech and Diction**

**Prerequisites:** TH 1333 Voice and Movement.

**Description:** This course will focus on learning the "General American" or "Broadcast Standard" accent of English. Also the student will be able to read and write in the International Phonetic Alphabet. Lastly articulatory process will be sharpened for better communication skills, no matter what career in which speech is used.

**Credit hours:** 3

**Contact hours:** Lecture: 2 Lab: 2 Contact: 4

**Levels:** Undergraduate

**Schedule types:** Lab, Lecture, Combined lecture and lab

**Department/School:** Theatre

**TH 2320 Voice Lessons**

**Prerequisites:** Must be a BFA in Musical Theatre major or get instructor permission.

**Description:** This course is a one-on-one learning opportunity for individual students in the Musical Theatre BFA program. Building off the skills learned in Vocal Technique, students will continue to work on understanding, utilizing and strengthening their instruments while gaining experience and one-on-one attention through singing songs to improve their technique, repertoire and performance abilities. Offered for variable credit, 1-2 credit hours, maximum of 2 credit hours.

**Credit hours:** 1-2

**Contact hours:** Lecture: 1-2 Contact: 1-2

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Theatre

**TH 2323 Acting II**

**Prerequisites:** TH 1323.

**Description:** Continuation and refinement of TH 1323. Textual and character analysis, characterization and inner techniques based on Stanislavsky and Meisner systems. Audition techniques and scene work focusing on truthful behavior through work on modern and contemporary plays, including an introduction to comedy.

**Credit hours:** 3

**Contact hours:** Lecture: 2 Lab: 2 Contact: 4

**Levels:** Undergraduate

**Schedule types:** Lab, Lecture, Combined lecture and lab

**Department/School:** Theatre

**TH 2343 Acting for Musical Theatre**

**Prerequisites:** TH 1323 Acting 1 or Instructor Approval.

**Description:** The goal of this course is to teach students the fundamentals of acting while performing songs in the style of musical theatre. This is an advanced course where students combine their skills in acting and singing to learn how to excel in the skills needed to be successful in the world of musical theatre. Students will listen to and perform songs of various eras in musical theatre to strengthen their overall skill and breed a familiarity with with different types of musical theatre styles.

**Credit hours:** 3

**Contact hours:** Lecture: 2 Lab: 2 Contact: 4

**Levels:** Undergraduate

**Schedule types:** Lab, Lecture, Combined lecture and lab

**Department/School:** Theatre

**TH 2413 Introduction to Staged Entertainment (H)**

**Description:** Explores storytelling through performance and how staged and filmed performances create and convey meaning in western society. Attendance of productions and study of acting, directing, entertainment technology, dramatic structure, and artistic movements. For non-majors; no prior theatre experience necessary.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Theatre

**General Education and other Course Attributes:** Humanities

**TH 2500 Production Crew Practicum**

**Description:** Laboratory experience in the theatrical production process through participation on a production crew for a department production or semester. Course previously offered as TH 1501. Offered for variable credit, 1-2 credit hours, maximum of 8 credit hours.

**Credit hours:** 1-2

**Contact hours:** Contact: 1-2 Other: 1-2

**Levels:** Undergraduate

**Schedule types:** Independent Study

**Department/School:** Theatre

**TH 2553 Introduction to Stage Design**

**Prerequisites:** TH 1663 and TH 1673 or consent of instructor.

**Description:** An integrated approach of the theory and practice of designing for theatre and studio. Over the course of the semester, students will explore the world of Costume Design, Scenic Design and Lighting Design culminating in a theoretical design for a production.

**Credit hours:** 3

**Contact hours:** Lecture: 2 Lab: 2 Contact: 4

**Levels:** Undergraduate

**Schedule types:** Lab, Lecture, Combined lecture and lab

**Department/School:** Theatre

**TH 2563 Script Analysis**

**Description:** The study of writing for performance from the point of view of entertainment professionals, including directors, designers, performers and technicians. Course focuses on the techniques necessary for the translation of the written text into production.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Theatre

**TH 2633 Movement for the Actor**

**Prerequisites:** TH 1333 Voice and Movement.

**Description:** This is an introductory course to the physical aspects of role creation. It introduces the student to several methodologies used in analyzing and altering physical performance in theatre and film. The students will be evaluated on the application of theories discussed and demonstrated in class.

**Credit hours:** 3

**Contact hours:** Lecture: 2 Lab: 2 Contact: 4

**Levels:** Undergraduate

**Schedule types:** Lab, Lecture, Combined lecture and lab

**Department/School:** Theatre

**TH 2833 Transition to Professions in Design and Technology**

**Prerequisites:** TH 1663 and TH 1673; and TH 1500 or TH 2500.

**Description:** Preparation for transition into the professional world for theatre designers and technicians. Includes career development, national/international theatre organizations, portfolio preparation, websites, resume/application writing and interviewing. Course previously offered as TH 3533.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Theatre

**TH 2971 Stage Makeup**

**Description:** Techniques of basic stage makeup. Application of makeup including a study of facial anatomy and character development.

Laboratory work in preparation for departmental productions. Course previously offered as TH 3971.

**Credit hours:** 1

**Contact hours:** Lab: 2 Contact: 2

**Levels:** Undergraduate

**Schedule types:** Lab

**Department/School:** Theatre

**TH 3183 Scene Design for Theatre**

**Prerequisites:** TH 2553 and TH 2563 or consent of instructor.

**Description:** The Scenic Designer's approach for designing scenery for the stage and studio. Over the course of the semester students will explore how to analyze the script from the scenic designer's lens, create sketches, build 3D models, as well as create working drawings and color renderings. Course previously offered as TH 4183.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Theatre

**TH 3320 BFA Voice Lessons II**

**Prerequisites:** TH 2320.

**Description:** This course is a continuation of the private vocal instruction for students in the Musical Theatre BFA program. Building off the skills learned in Voice Lessons I, students will continue to work on understanding, utilizing, and strengthening their vocal instrument while gaining experience and one on one attention through singing songs to improve their vocal technique, repertoire, and performance abilities. Offered for variable credit, 1-2 credit hours, maximum of 2 credit hours.

**Credit hours:** 1-2

**Contact hours:** Lecture: 1-2 Contact: 1-2

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Theatre

**TH 3323 Sound Design and Technology**

**Prerequisites:** TH 2553, TH 2563 or consent of instructor.

**Description:** Use and design of sound in theatrical productions, including voice reinforcement, scoring, script analysis, and effects. Course previously offered as TH 4223.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Theatre

**TH 3373 Acting III**

**Prerequisites:** TH 1323 and TH 2323 or consent of instructor.

**Description:** Exploration of vocal and physical techniques necessary for the performance of classical verse plays through the works of Shakespeare and others. Course previously offered as TH 4143.

**Credit hours:** 3

**Contact hours:** Lecture: 2 Lab: 2 Contact: 4

**Levels:** Undergraduate

**Schedule types:** Lab, Lecture, Combined lecture and lab

**Department/School:** Theatre

**TH 3400 Upper-Division Projects**

**Prerequisites:** Consent of instructor.

**Description:** Individual or group study of techniques, history, or literature of the theatre. Required project or term paper. May not be used for degree credit with TH 5400. Offered for variable credit, 1-3 credit hours, maximum of 6 credit hours.

**Credit hours:** 1-3

**Contact hours:** Contact: 1-3 Other: 1-3

**Levels:** Undergraduate

**Schedule types:** Independent Study

**Department/School:** Theatre

**TH 3433 Acting for the Camera**

**Prerequisites:** TH 1323 and TH 2323 or consent of instructor.

**Description:** An introduction to acting with electronic media technology. Through a series of exercises and scenes students will become familiar with the similarities and differences of acting on stage and with technology.

**Credit hours:** 3

**Contact hours:** Lecture: 2 Lab: 2 Contact: 4

**Levels:** Undergraduate

**Schedule types:** Lab, Lecture, Combined lecture and lab

**Department/School:** Theatre

**TH 3500 Theatre Practicum II**

**Prerequisites:** Consent of instructor.

**Description:** Advanced laboratory experience in theatre production, design, acting, and/or major crew assignments. Offered for variable credit, 1-2 credit hours, maximum of 9 credit hours.

**Credit hours:** 1-3

**Contact hours:** Contact: 1-3 Other: 1-3

**Levels:** Undergraduate

**Schedule types:** Independent Study

**Department/School:** Theatre

**TH 3503 Digital Branding for the Performer**

**Description:** This course surveys the development of radio, television, cable/satellite, and digital media, including the Internet and how it affects the modern actor. We will focus on how technology and industrial control of the electronic media shape an actor's content. The purpose of this course is to provide you with a solid understanding of how the electronic media function in modern life in terms of the social, political, and cultural impact for the actor. Students will be utilizing film, editing software, social media, website design to create content and audition reels.

**Credit hours:** 3

**Contact hours:** Lecture: 2 Lab: 2 Contact: 4

**Levels:** Undergraduate

**Schedule types:** Lab, Lecture, Combined lecture and lab

**Department/School:** Theatre

**TH 3530 Topics in Performance**

**Prerequisites:** Consent of instructor.

**Description:** Specialized topics in acting or directing. Offered for variable credit, 1-3 credit hours, maximum of 9 credit hours.

**Credit hours:** 1-3

**Contact hours:** Lecture: 1-3 Contact: 1-3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Theatre

**TH 3593 Lighting for Theatre**

**Prerequisites:** TH 2553 and TH 2563 or consent of instructor.

**Description:** Stage lighting design, elementary electricity, mechanics of lighting instruments. Practical experience in lighting in preparing and running departmental productions. Course previously offered as TH 4593.

**Credit hours:** 3

**Contact hours:** Lecture: 2 Lab: 2 Contact: 4

**Levels:** Undergraduate

**Schedule types:** Lab, Lecture, Combined lecture and lab

**Department/School:** Theatre

**TH 3633 Diverse American Drama (DH)**

**Description:** Survey of dramatic literature and theatre created by diverse dramatists and theatre companies in the United States. Course focus may either be a broad investigation of drama across many different identity groups or an in-depth exploration of the theatrical activity of one group of people.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Theatre

**General Education and other Course Attributes:** Diversity, Humanities

**TH 3843 Musical Scene Study**

**Prerequisites:** TH 1323 Acting 1 or Instructor Approval.

**Description:** This course will study the fundamentals of acting in musical theatre, specifically as they are applied to performing musical scenes. Students will begin with a broad acting and musical theatre review. Then, students will apply those concepts to the world of musical scenes and test their skills through various performances.

**Credit hours:** 3

**Contact hours:** Lecture: 2 Lab: 2 Contact: 4

**Levels:** Undergraduate

**Schedule types:** Lab, Lecture, Combined lecture and lab

**Department/School:** Theatre

**TH 3853 Auditions and the Professional Actor/Director**

**Prerequisites:** TH 1323 and TH 2323.

**Description:** A professional acting studio focusing on the business of show business for actors and directors. Networking and career building strategies will be explored and the building of an actor's repertoire of audition material developed. The course will introduce students to writing resumes, selecting headshots, understanding unions, agents, managers, etc. Course previously offered as TH 4853.

**Credit hours:** 3

**Contact hours:** Lecture: 2 Lab: 2 Contact: 4

**Levels:** Undergraduate

**Schedule types:** Lab, Lecture, Combined lecture and lab

**Department/School:** Theatre

**TH 3863 Auditioning in Musical Theatre**

**Prerequisites:** TH 1323 Acting 1 or Instructor Approval.

**Description:** The goal of this course is to teach students the skills and aspects of professional musical theatre auditions. Students in this course will learn the elements of auditioning in musical theatre and how to build a complete audition book. They will be given guidance and feedback about cover letters, resumes and headshots and basic information about the professional world. Finally, students will test out their skills with multiple mock audition opportunities.

**Credit hours:** 3

**Contact hours:** Lecture: 2 Lab: 2 Contact: 4

**Levels:** Undergraduate

**Schedule types:** Lab, Lecture, Combined lecture and lab

**Department/School:** Theatre

**TH 3873 History of Musical Theatre**

**Description:** Musical Theatre History is a survey course of the American musical theatre tradition, exploring representative shows, creators, and performers that trace the evolution of this unique American art form from its origins to contemporary Broadway and pop culture.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Theatre

**TH 3923 World Theatre History Before 1800 (H)**

**Description:** Aesthetic and social relationships of the dramatic arts and world cultures from Ancient Greece to the 19th century. Course previously offered as TH 3023.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Theatre

**General Education and other Course Attributes:** Humanities

**TH 3933 World Theatre History After 1800 (H)**

**Description:** Aesthetic and social relationships of the dramatic arts and world cultures from the 19th century to the present. Course previously offered as TH 3123. May be taken prior to TH 3923.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Theatre

**General Education and other Course Attributes:** Humanities



**TH 3953 Costume Design**

**Prerequisites:** TH 2553, TH 2563 or consent of instructor.

**Description:** Approaches to basic costume design including research, conceptual analysis, figure drawing, and executions of sketches and renderings. Previously offered as TH 4973.

**Credit hours:** 3

**Contact hours:** Lecture: 2 Lab: 2 Contact: 4

**Levels:** Undergraduate

**Schedule types:** Lab, Lecture, Combined lecture and lab

**Department/School:** Theatre

**TH 4303 Ensemble Theatre**

**Description:** Ensemble Theatre is an alternative approach to creating that emphasizes collaborative ensemble-based writing, community research and outreach, and social and political awareness. Utilizing improvisational techniques, community-oriented research skills and non-textual performance practices, students will explore and create theatre based on their communities, interests and concerns.

**Credit hours:** 3

**Contact hours:** Lecture: 2 Lab: 2 Contact: 4

**Levels:** Undergraduate

**Schedule types:** Lab, Lecture, Combined lecture and lab

**Department/School:** Theatre

**TH 4320 BFA Voice Lessons III**

**Prerequisites:** TH 3320.

**Description:** This course is a continuation of private vocal instruction for students nearing completion of the Musical Theatre BFA degree. Building on the skills learned in BFA Voice Lessons II, students will explore advanced techniques of color and style within the musical theatre genre, continuing to develop their vocal instrument and performance skills. Offered for variable credit, 1-2 credit hours, maximum of 2 credit hours.

**Credit hours:** 1-2

**Contact hours:** Lecture: 1-2 Contact: 1-2

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Theatre

**TH 4382 Action Acting**

**Prerequisites:** TH 1333 and TH 1323 or Instructor Approval.

**Description:** This course introduces the student to stage violence. Emphasis is placed on safe and dramatically effective performance of violent scenes, to include slapstick and physical comedy. Stage/screen fencing, unarmed combat, basic tumbling, physical comedy, and theatrical firearms are covered within the context of scene work. May not be used for degree credit with TH 5383. Previously offered as TH 4383.

**Credit hours:** 2

**Contact hours:** Lab: 4 Contact: 4

**Levels:** Undergraduate

**Schedule types:** Lab

**Department/School:** Theatre

**TH 4403 Senior Honors Project**

**Prerequisites:** Departmental invitation, senior standing, Honors Program participation.

**Description:** A guided reading and research program ending with an honors thesis or performance under the direction of a faculty member, with second faculty committee member. Required for graduation with departmental honors in theatre.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Theatre

**TH 4630 Topics in Design and Technology**

**Prerequisites:** TH 1663, 1673 and 2553 or consent of instructor.

**Description:** Specialized topics in scenic, costume, sound, or lighting design or technology. Course previously offered as TH 3630. Offered for variable credit, 1-3 credit hours, maximum of 9 credit hours.

**Credit hours:** 1-3

**Contact hours:** Lecture: 1-3 Contact: 1-3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Theatre

**TH 4653 Advanced Stage Technology**

**Prerequisites:** TH 1663.

**Description:** Advanced study in theatrical production techniques, including metalworking, special fabrications, rigging, and advanced carpentry.

**Credit hours:** 3

**Contact hours:** Lecture: 2 Lab: 2 Contact: 4

**Levels:** Undergraduate

**Schedule types:** Lab, Lecture, Combined lecture and lab

**Department/School:** Theatre

**TH 4673 Advanced Costume Construction**

**Prerequisites:** TH 1673.

**Description:** Advanced construction of techniques for theatrical costumes. Includes period garments, pattern drafting, fabric manipulation, and boning. May not be used for degree credit with TH 5673.

**Credit hours:** 3

**Contact hours:** Lecture: 2 Lab: 2 Contact: 4

**Levels:** Undergraduate

**Schedule types:** Lab, Lecture, Combined lecture and lab

**Department/School:** Theatre

**TH 4753 Stage Management**

**Prerequisites:** Consent of instructor.

**Description:** Procedures and skills of effective stage management. Authoritative coordination of performers and technicians during rehearsal and performance periods. Maintenance and use of the production prompt book, notation of ground plan and blocking; scene shifts; cues for lighting, sound, special effects, and performers; opening and calling the show; post-show wrap-up. May not be used for degree credit with TH 5753.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Theatre



**TH 4953 Directing**

**Prerequisites:** TH 1323 and TH 2563 and TH 4753 or consent of instructor.

**Description:** Script analysis for production, problems in staging, and the role of the director. Planning and direction of scenes in laboratory situations. May not be used for degree credit with TH 5953.

**Credit hours:** 3

**Contact hours:** Lecture: 2 Lab: 2 Contact: 4

**Levels:** Undergraduate

**Schedule types:** Lab, Lecture, Combined lecture and lab

**Department/School:** Theatre

**TH 4983 Painting Techniques for Theatre**

**Description:** This course is an introductory studio course which explores the various techniques and processes used in theatrical scene painting. Through research and practical experience students will acquire the skills necessary to implement theatrical paint techniques per designer specifications. Tools, materials and painting techniques will be demonstrated by the instructor then developed and executed by the student.

**Credit hours:** 3

**Contact hours:** Lab: 6 Contact: 6

**Levels:** Undergraduate

**Schedule types:** Lab

**Department/School:** Theatre

**TH 4990 BFA Jury**

**Description:** BFA Jury provides the student with an introduction to the Business of Acting. Offered for fixed credit, 1 credit hour, maximum of 2 credit hours.

**Credit hours:** 1

**Contact hours:** Lecture: 1 Contact: 1

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Theatre

**TH 5000 Master's Thesis and Research**

**Prerequisites:** Consent of department head.

**Description:** Master's level research in theatre for thesis option graduate students. Offered for variable credit, 1-6 credit hours, maximum of 6 credit hours.

**Credit hours:** 1-6

**Contact hours:** Contact: 1-6 Other: 1-6

**Levels:** Graduate

**Schedule types:** Independent Study

**Department/School:** Theatre

**TH 5100 Master's Creative Component and Research**

**Description:** Master's level research in theatre for creative component option graduate students. Offered for variable credit, 1-3 credit hours, maximum of 3 credit hours.

**Credit hours:** 1-3

**Contact hours:** Lecture: 1-3 Contact: 1-3

**Levels:** Graduate

**Schedule types:** Lecture

**Department/School:** Theatre

**TH 5113 Theatre History and Theory I**

**Description:** Global study of theatre and performance across cultures and multiple theories used to interpret and construct world theatre history, from ancient times to the nineteenth century.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Graduate

**Schedule types:** Lecture

**Department/School:** Theatre

**TH 5240 Topics in Advanced Acting**

**Description:** Specialized topics in advanced acting. Offered for variable credit, 1-3 credit hours, maximum of 6 credit hours.

**Credit hours:** 1-3

**Contact hours:** Lecture: 1-2 Lab: 0-2 Contact: 1-4

**Levels:** Graduate

**Schedule types:** Lab, Lecture, Combined lecture and lab

**Department/School:** Theatre

**TH 5313 Dramaturgy**

**Description:** Advanced investigation of the nature and process of dramaturgy. Emphasis on dramaturgical research and writing. No credit for students with credit in TH 3213.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Graduate

**Schedule types:** Lecture

**Department/School:** Theatre

**TH 5383 Action Acting**

**Description:** This course introduces the student to stage violence. Emphasis is placed on safe and dramatically effective performance of violent scenes, to include slapstick and physical comedy. Stage/screen fencing, unarmed combat, basic tumbling, physical comedy, and theatrical firearms are covered within the context of scene work. May not be used for degree credit with TH 4383.

**Credit hours:** 3

**Contact hours:** Lecture: 2 Lab: 2 Contact: 4

**Levels:** Graduate

**Schedule types:** Lab, Lecture, Combined lecture and lab

**Department/School:** Theatre

**TH 5400 Seminar in Theatre**

**Description:** Individual or group studies of techniques, history or literature of the theatre. A term paper or written report and self-evaluation of the study or project required. Cannot receive credit for both TH 3400 and TH 5400. Offered for variable credit, 1-9 credit hours, maximum of 9 credit hours.

**Credit hours:** 1-9

**Contact hours:** Contact: 1-9 Other: 1-9

**Levels:** Graduate

**Schedule types:** Independent Study

**Department/School:** Theatre

**TH 5500 Individual Theatre Projects****Prerequisites:** Consent of instructor.**Description:** Individual projects in directing, acting, or design and technology for a specified theatre production, with concept, realization, and self-evaluation under faculty guidance. Course previously offered as TH 5090. Offered for variable credit, 1-9 credit hours, maximum of 9 credit hours.**Credit hours:** 1-9**Contact hours:** Contact: 1-9 Other: 1-9**Levels:** Graduate**Schedule types:** Independent Study**Department/School:** Theatre**TH 5513 Theatre History and Theory II****Description:** Global study of theatre and performance across cultures and multiple theories used to interpret and construct world theatre history, from the nineteenth century to the present.**Credit hours:** 3**Contact hours:** Lecture: 3 Contact: 3**Levels:** Graduate**Schedule types:** Lecture**Department/School:** Theatre**TH 5600 Seminar in Dramatic Literature****Prerequisites:** Consent of instructor.**Description:** Selected topics in dramatic literature. Texts and themes will vary by semester. Offered for fixed credit, 3 credit hours.**Credit hours:** 3**Contact hours:** Lecture: 3 Contact: 3**Levels:** Graduate**Schedule types:** Lecture**Department/School:** Theatre**TH 5673 Advanced Costume Construction****Description:** Advanced construction of techniques for theatrical costumes. Includes period garments, pattern drafting, fabric manipulation, and boning. May not be used for degree credit with TH 4673.**Credit hours:** 3**Contact hours:** Lecture: 2 Lab: 2 Contact: 4**Levels:** Graduate**Schedule types:** Lab, Lecture, Combined lecture and lab**Department/School:** Theatre**TH 5753 Stage Management****Description:** Procedures and skills of effective stage management. Authoritative coordination of performers and technicians during rehearsal and performance periods. Maintenance and use of the production prompt book, notation of ground plan and blocking; scene shifts; cues for lighting, sound, special effects, and performers; opening and calling the show; post-show wrap-up. May not be used for degree credit with TH 4753.**Credit hours:** 3**Contact hours:** Lecture: 3 Contact: 3**Levels:** Graduate**Schedule types:** Lecture**Department/School:** Theatre**TH 5953 Problems in Advanced Directing****Description:** Problems in directing styles, especially Shakespeare, comedy, and absurdist drama. Preparation, rehearsal and staging of a complete production by each student. May not be used for degree credit with TH 4953.**Credit hours:** 3**Contact hours:** Lecture: 3 Contact: 3**Levels:** Graduate**Schedule types:** Lecture**Department/School:** Theatre

## Undergraduate Programs

- Acting, BFA (p. 1845)
- Arts Administration, BA (p. 1848)
- Musical Theatre, BFA (p. 1852)
- Theatre, BA (p. 1855)

## Graduate Programs

The department offers coursework leading to the Master of Arts degree in Theatre. The Master of Arts degree in Theatre is an initial graduate degree designed to build on students' individual theatre skills and to deepen a student's theoretical and practical understanding of the art form. Accepting only a limited number of students each year, the program affords a great deal of individual contact with faculty members and considerable latitude in developing the plan of study.

Graduate candidates take a central core of graduate level courses in theatre history, theory, and directing, augmented by other courses available in the department and the university to develop and support their areas of special interest. Typically students accepted into this degree program pursue careers in professional theatre, become teachers in secondary schools or two-year colleges, or they prepare for the pursuit of advanced degree work in a Master of Fine Arts or Doctoral program.

The Master of Arts degree may be achieved in accordance with any of the three plans described in the section "Master's Degree Programs" in the "Graduate College (p. 2766)" section of the *Catalog*.

A limited number of graduate teaching assistantships (GTA's) are available to highly qualified students. Information and application information may be obtained from the department head.

Undergraduate credentials should be referred to the department graduate program coordinator for evaluation to assist advisement and to determine any possible deficiencies that will affect the admission status.

## Minors

- Arts Administration (AADM), Minor (p. 1847)
- Dance (DANC), Minor (p. 1851)
- Theatre (TH), Minor (p. 1854)

## Faculty

David Kersnar, MFA—Professor and Head

**Professors:** Andrew Kimbrough, PhD; Lloyd Caldwell, MFA**Associate Professors:** Lee Brasuell, MFA**Assistant Professors:** Renee Garcia, MFA; Eric Barker, MFA; Jennifer Lamb, MFA; Devon Hunt, MFA**Instructor of Professional Practice:** Leslie Currell, MFA; Emma Draves, MFA

## Acting, BFA

**Requirements for Students Matriculating in or before Academic Year 2022-2023.** Learn more about University Academic Regulation 3.1 (p. 943).

**Minimum Overall Grade Point Average: 2.50**

**Total Hours: 120**

Code	Title	Hours
<b>General Education Requirements</b>		
<i>English Composition</i>		
See Academic Regulation 3.5 (p. 944)		
ENGL 1113	Composition I	3
or ENGL 1313	Critical Analysis and Writing I	
ENGL 1213	Composition II	3
or ENGL 1413	Critical Analysis and Writing II	
or ENGL 3323	Technical Writing	
<i>American History &amp; Government</i>		
HIST 1103	Survey of American History	3
or HIST 1483	American History to 1865 (H)	
or HIST 1493	American History Since 1865 (DH)	
POLS 1113	American Government	3
<i>Analytical &amp; Quantitative Thought (A)</i>		
3 hours MATH or STAT designated (A)		
<i>Humanities (H)</i>		
ENGL 4723	Studies in Shakespeare (H)	3
3 additional hours designated (H) (not TH, DANC, or AADM)		
<i>Natural Sciences (N)</i>		
Must include one Laboratory Science (L) course		
Courses designated (N)		6
<i>Social &amp; Behavioral Sciences (S)</i>		
Course designated (S)		3
<i>Additional General Education</i>		
Courses designated (A), (H), (N), or (S)		10
<b>Hours Subtotal</b>		<b>40</b>
<b>Diversity (D) &amp; International Dimension (I)</b>		
May be completed in any part of the degree plan		
Select at least one Diversity (D) course		
Select at least one International Dimension (I) course		
<b>College/Departmental Requirements</b>		
First Year Seminar		
(Transfer students with 15 hours exempt)		1
<i>Arts &amp; Humanities</i>		
TH 3923	World Theatre History Before 1800 (H)	3
TH 3933	World Theatre History After 1800 (H)	3
3 additional hours, not TH, DANC, AADM. See note 2.a.		
<i>Foreign Language</i>		
0-6 hours. See note 3.		
<i>Non-Western Studies</i>		
At least one course. See note 2.d.		
<i>Upper-Division General Education</i>		
Select 6 hours outside major department. See note 2.c.		

<b>Hours Subtotal</b>		<b>10</b>
<b>Major Requirements</b>		
Minimum GPA 3.00 in major block, with no grade below "C."		
TH 1301	BFA Acting Laboratory	1
TH 1310	BFA Movement Laboratory 1	1
TH 1323	Acting I	3
TH 1330	BFA Movement Laboratory 2	1
TH 1333	Voice and Movement	3
TH 1663	Stage Technology	3
TH 1673	Costume Technology	3
TH 2213	Stage Speech and Diction	3
TH 2323	Acting II	3
TH 2563	Script Analysis	3
TH 2633	Movement for the Actor	3
TH 2971	Stage Makeup	1
TH 3373	Acting III	3
Theatre Practica. Select 6 hours from:		6
TH 1500	Run Crew Practicum (minimum 1 hour)	
TH 2500	Production Crew Practicum	
TH 3500	Theatre Practicum II (minimum 1 hour)	
TH 3400	Upper-Division Projects	3
TH 3433	Acting for the Camera	3
TH 3530	Topics in Performance	3
TH 3503	Digital Branding for the Performer	3
TH 3853	Auditions and the Professional Actor/Director	3
TH 4303	Ensemble Theatre	3
TH 4382	Action Acting	2
TH 4990	BFA Jury	2
AADM 4123	Entrepreneurship and the Arts	3
2 hours DANC from:		2
DANC 2002	Ballet I	
DANC 2102	Contemporary Modern Dance I	
DANC 2202	Jazz Dance	
DANC 2302	Tap	
DANC 2602	Dance Composition	
DANC 3002	Ballet II	
DANC 3102	Contemporary Modern Dance II	
DANC 3502	Musical Theatre Dance	
<b>Hours Subtotal</b>		<b>64</b>
<b>Electives</b>		
Select 6 hours.		6
May need to include 6 hours upper-division general education outside major department. See note 2.c.		
May need to include 6 hours of a foreign language. See note 3.b.		
<b>Hours Subtotal</b>		<b>6</b>
<b>Total Hours</b>		<b>120</b>

All Acting majors must successfully complete an entrance audition to enter the program. An annual performance jury will determine continued participation in the Bachelor of Fine Arts program.

## College of Arts and Sciences Requirements

### 1. General Education Requirements

No more than two courses (or eight hours) from the major department (<http://catalog.okstate.edu/college-arts-sciences-major-departments/>) may be used to meet General Education and College and Departmental Requirements. The General Education required English Composition, required U.S. History, required American Government, one required MATH or STAT course, and required foreign language for B.A. degrees do not count against the two-course maximum.

### 2. A&S College/Departmental Requirements

- a. Arts and Humanities are defined as any course carrying an (H) designation or courses from AMST, ART, DANC, ENGL (except ENGL 3323 Technical Writing) HIST, MUSI, PHIL (except PHIL 1313 Logic and Critical Thinking (A), PHIL 3003 Symbolic Logic (A) and PHIL 4003 Mathematical Logic and Computability), REL, TH, and foreign languages.
- b. Natural and Mathematical Sciences are defined as any course from the following prefixes: ASTR, BIOC, BIOL, CHEM, CS (except CS 4883 Social Issues in Computing), GEOL, MATH, MICR, PBIO, PHYS, and STAT; or courses from other departments that carry an (A) or (N) general education designation.
- c. The required six hours of upper-division General Education may not include courses from the student's major department. This requirement may be satisfied by courses also used to satisfy any part of a student's degree program (i.e., in General Education, College Departmental Requirements, Major Requirements or Electives).
- d. Non-Western Studies Requirement for B.A. and B.F.A.; One 3-hour course in Non-Western Studies (N.W.). This requirement may be satisfied by courses also used to satisfy any part of a student's degree program (i.e., in General Education, College Departmental Requirements, Major Requirements or Electives).
- e. The College of Arts & Sciences requires a minimum 2.0 GPA in all major requirements and a minimum 2.0 GPA in all major-prefix courses applied to the degree.

### 3. Foreign Language Proficiency

- a. The foreign language requirement for the B.A. may be satisfied by 9 hours college credit in the same language, which must include 3 hours at the 2000-level, or equivalent proficiency (e.g., passing an advanced standing examination; TOEFL exam; presenting a high school transcript which demonstrates the high school was primarily conducted in a language other than English; etc.). Computer Science courses may not be used to satisfy this requirement. Currently Arabic and Mvskoke are not offered at the 2000-level at OSU.
- b. The foreign language requirement for the B.S., B.M. and B.F.A. may be satisfied by presenting a high school transcript which demonstrates two years of study of a single foreign language (passing grades at second-year level of study). It may also be satisfied by 6 hours college credit in the same language, which must include language courses 1713 and 1813, or equivalent proficiency (e.g., passing an advanced standing examination; TOEFL exam; presenting a high school transcript which demonstrates the high school was primarily conducted in a language other than English; etc.). Computer Science courses may not be used to satisfy this requirement.

- c. In addition to a. and b., students pursuing teacher certification must meet novice-high foreign language proficiency by presenting a high school transcript which demonstrates two years of study of a single foreign language with no grade below B. Or, students may complete 3 hours college credit in a single language with no grade below C (or pass an advanced standing examination, College Level Examination Program (CLEP) exam, or Oral Proficiency Interview developed by the American Council on the Teaching of Foreign Languages, equivalent to 3 hours of college credit.) Or, students may meet the requirement by transfer of documentation of meeting the foreign language competency from one of the teacher education programs in the State of Oklahoma approved by the Oklahoma State Regents for Higher Education.

### 4. Exclusions

- a. Courses used to satisfy the General Education English Composition, U.S. History, American Government, and Mathematics or Statistics requirements will not count toward the 54-hour maximum allowed from one department.
- b. Courses with ATHL or LEIS prefixes and leisure activity courses may not be used for degree credit.

## Other Requirements

- See the College of Arts and Sciences Requirements.
- **Upper-Division Credit:** Total hours must include at least 40 hours in courses numbered 3000 or above.
- **Hours in One Department:** For B.A. and B.S. degrees, no more than 54 hours in one department may be applied to degree requirements.

## Additional State/OSU Requirements

- At least: 60 hours at a four-year institution; 30 hours completed at OSU; 15 of the final 30 or 50% of the upper-division hours in the major field completed at OSU.
- Limit of: one-half of major course requirements as transfer work; one-fourth of hours earned by correspondence; 8 transfer correspondence hours.
- Students will be held responsible for degree requirements in effect at the time of matriculation and any changes that are made, so long as these changes do not result in semester credit hours being added or do not delay graduation.
- Degrees that follow this plan must be completed by the end of Summer 2028.

## Arts Administration (AADM), Minor

**Requirements for Students Matriculating in or before Academic Year 2022-2023.** Learn more about University Academic Regulation 3.1 (p. 943).

Clarissa Bonner 209 MOR, 405-744-6146

**Minimum Grade Point Average in Minor Coursework:** 2.50 with no grade below "C."

**Total Hours:** 17

Code	Title	Hours
<b>Minor Requirements</b>		
AADM 1203	Introduction to Arts Administration	3
AADM 2103	Fundraising for the Arts	3
AADM 2500	Practicum in Arts Administration	2
AADM 3203	Approaches in Arts Administration	3
Select six hours from:		6
AADM 4203	Senior Project in Arts Administration	
ART 3583	Introduction to Museum and Curatorial Studies (H)	
DANC 1003	Introduction to Dance Studies (H)	
MGMT 3013	Fundamentals of Management (S)	
MUSI 1623	Introduction to Music Business	
TH 2413	Introduction to Staged Entertainment (H)	
<b>Total Hours</b>		<b>17</b>

## Additional OSU Requirements

### Undergraduate Minors

- An undergraduate minor must include between fifteen and thirty hours, inclusive of undergraduate coursework.
- A minimum of six credit hours for the minor must be earned in residence at OSU.
- The courses required for a minor may be included in the course requirements for any undergraduate degree or they may be in addition to degree requirements, depending on the overlap between the minor and degree requirements. However, an undergraduate minor must be earned in an academic field other than the student's declared degree option. The minor may not duplicate the degree major or option (for example, a student who earns a BA in Art with an Art History option may earn a minor in Studio Art but not Art History).
- A student generally follows the minor requirements associated with his or her matriculation year or newer requirements that have been established since matriculation. The time limit for following requirements from a given academic year is six years.

For additional information on requirements on minors, click here (<https://adminfinance.okstate.edu/site-files/documents/policies/requirements-for-undergraduate-and-graduate-minors.pdf>).

# Arts Administration, BA

## Degree Requirements

**Requirements for Students Matriculating in or before Academic Year 2022-2023.** Learn more about University Academic Regulation 3.1 (p. 943).

**Minimum Overall Grade Point Average: 2.50**

**Total Hours: 120**

Code	Title	Hours
<b>General Education Requirements</b>		
<i>English Composition</i>		
See Academic Regulation 3.5 (p. 944)		
ENGL 1113	Composition I	3
or ENGL 1313	Critical Analysis and Writing I	
ENGL 1213	Composition II	3
or ENGL 1413	Critical Analysis and Writing II	
or ENGL 3323	Technical Writing	
<i>American History &amp; Government</i>		
HIST 1103	Survey of American History	3
or HIST 1483	American History to 1865 (H)	
or HIST 1493	American History Since 1865 (DH)	
POLS 1113	American Government	3
<i>Analytical &amp; Quantitative Thought (A)</i>		
MATH or STAT course designated (A)		3
<i>Humanities (H)</i>		
Courses designated (H)		6
<i>Natural Sciences (N)</i>		
Must include one Laboratory Science (L) course.		
Courses designated (N)		6
<i>Social &amp; Behavioral Sciences (S)</i>		
MGMT 3013	Fundamentals of Management (S)	3
MKTG 3213	Marketing (S)	3
<i>Additional General Education</i>		
Courses designated (A), (H), (N), or (S)		7
<b>Hours Subtotal</b>		<b>40</b>
<b>Diversity (D) &amp; International Dimension (I)</b>		
May be completed in any part of the degree plan.		
At least one Diversity (D) course		
At least one International Dimension (I) course		
<b>College/Departmental Requirements</b>		
<i>First Year Seminar</i>		
(Transfer students with 15 hours exempt)		1
<i>Arts &amp; Humanities</i>		
(See note 2.a.)		9
<i>Natural &amp; Mathematical Sciences</i>		
(See note 2.b.)		3
<i>Foreign Language</i>		
(See note 3.)		9
<i>Non-Western Studies</i>		
At least one course		
(See note 2.d.)		

### Upper-Division General Education

6 hours outside major department

(See note 2.c.)

**Hours Subtotal** **22**

### Major Requirements

Minimum grade of "C" in all major requirements.

#### Core Requirements

AADM 1203	Introduction to Arts Administration	3
AADM 2103	Fundraising for the Arts	3
AADM 2500	Practicum in Arts Administration (3 hours)	3
AADM 3203	Approaches in Arts Administration	3
AADM 4203	Senior Project in Arts Administration	3
or AADM 4403	Senior Honors Project in Arts Administration	
ACCT 2003	Survey of Accounting	3
ART 1203	Visual Thinking: Image and Surface	3
MC 2023	Electronic Communication	3
or ART 1303	Visual Thinking: Form and Space	

#### Emphasis Requirements

Choose one emphasis below: **18**

##### Generalist:

Select 9 hours (6 must be upper-division) from: AADM, ART, DANC, MUSI, TH or other courses approved by the program director.

Select 3 courses from the following options:

ART 1503	Art History Survey I (H)
or ART 1513	Art History Survey II (H)
DANC 1003	Introduction to Dance Studies (H)
MUSI 2573	Introduction to Music (H)
TH 2413	Introduction to Staged Entertainment (H)

##### Art History:

Select one course from:

ART 1503	Art History Survey I (H)
ART 1513	Art History Survey II (H)
ART 1603	Introduction to Global Art (H)

Select 15 hours from:

AADM 3500	Special Topics in Arts Administration
AADM 4123	Entrepreneurship and the Arts
ART 3583	Introduction to Museum and Curatorial Studies (H)
ART 3653	History of 19th Century Art (H)
ART 3663	History of American Art (DH)
ART 3683	History of 20th Century Art (HI)
ART 4603	History of Ancient Egyptian Art
ART 4723	History of Museums and Collecting
ART 4763	Native American Art and Material Culture
ART 4810	Museum Internship
or other Art History courses approved by the program director.	

##### Studio Art:

ART 1103	Drawing I
ART 1113	Drawing II

One additional course from:

ART 1603	Introduction to Global Art (H)
ART 1503	Art History Survey I (H)



ART 1513	Art History Survey II (H)
Select 9 hours (3 hours must be upper-division) from:	
AADM 3500	Special Topics in Arts Administration
AADM 4123	Entrepreneurship and the Arts
ART 2023	Non-Major Oil Painting I
or ART 2223	Oil Painting I
ART 2033	Non-Major Watercolor I
or ART 2233	Watercolor I
ART 2073	Non-Major Printmaking I
or ART 2273	Printmaking I
ART 2093	Non-Major Photography I
or ART 2293	Photography I
ART 2043	Non-Major Jewelry and Metals I
or ART 2243	Jewelry and Metals I
ART 2013	Non-Major Ceramics I
or ART 2253	Ceramics I
ART 2063	Non-Major Sculpture I
or ART 2263	Sculpture I
ART 3583	Introduction to Museum and Curatorial Studies (H)
ART 4810	Museum Internship
or additional studio art courses approved by the program director.	
<i>Dance:</i>	
DANC 1003	Introduction to Dance Studies (H)
Select additional 15 hours (6 must be upper-division) of AADM or DANC.	
<i>Theatre:</i>	
TH 2413	Introduction to Staged Entertainment (H)
3 hours from:	
TH 1500	Run Crew Practicum
TH 2500	Production Crew Practicum
Select 6 hours from:	
TH 1323	Acting I
TH 1663	Stage Technology
TH 1673	Costume Technology
TH 2563	Script Analysis
Select 6 additional hours (3 hours must be upper-division) AADM, TH or other courses approved by the program director.	
<b>Hours Subtotal</b>	<b>42</b>
<b>Electives</b>	
Select 16 hours	16
May need to include 6 hours upper-division general education outside major department (see note 2.c.).	
<b>Hours Subtotal</b>	<b>16</b>
<b>Total Hours</b>	<b>120</b>

## Other Requirements

- See the College of Arts and Sciences Requirements
- Minimum GPA 2.00 in all AADM and TH courses.
- **Upper-Division Credit:** Total hours must include at least 40 hours in courses numbered 3000 or above.

- **Hours in One Department:** For B.A. and B.S. degrees, no more than 54 hours in one department may be applied to degree requirements.

## College of Arts and Sciences Requirements

### 1. General Education Requirements

No more than two courses (or eight hours) from the major department (<http://catalog.okstate.edu/college-arts-sciences-major-departments/>) may be used to meet General Education and College and Departmental Requirements. The General Education required English Composition, required U.S. History, required American Government, one required MATH or STAT course, and required foreign language for B.A. degrees do not count against the two-course maximum.

### 2. A&S College/Departmental Requirements

- Arts and Humanities are defined as any course carrying an (H) designation or courses from AMST, ART, DANC, ENGL (except ENGL 3323 Technical Writing) HIST, MUSI, PHIL (except PHIL 1313 Logic and Critical Thinking (A), PHIL 3003 Symbolic Logic (A) and PHIL 4003 Mathematical Logic and Computability), REL, TH, and foreign languages.
- Natural and Mathematical Sciences are defined as any course from the following prefixes: ASTR, BIOC, BIOL, CHEM, CS (except CS 4883 Social Issues in Computing), GEOL, MATH, MICR, PBIO, PHYS, and STAT; or courses from other departments that carry an (A) or (N) general education designation.
- The required six hours of upper-division General Education may not include courses from the student's major department. This requirement may be satisfied by courses also used to satisfy any part of a student's degree program (i.e., in General Education, College Departmental Requirements, Major Requirements or Electives).
- Non-Western Studies Requirement for B.A. and B.F.A.; One 3-hour course in Non-Western Studies (N.W.). This requirement may be satisfied by courses also used to satisfy any part of a student's degree program (i.e., in General Education, College Departmental Requirements, Major Requirements or Electives).
- The College of Arts & Sciences requires a minimum 2.0 GPA in all major requirements and a minimum 2.0 GPA in all major-prefix courses applied to the degree.

### 3. Foreign Language Proficiency

- The foreign language requirement for the B.A. may be satisfied by 9 hours college credit in the same language, which must include 3 hours at the 2000-level, or equivalent proficiency (e.g., passing an advanced standing examination; TOEFL exam; presenting a high school transcript which demonstrates the high school was primarily conducted in a language other than English; etc.). Computer Science courses may not be used to satisfy this requirement. Currently Arabic and Mvskoke are not offered at the 2000-level at OSU.
- The foreign language requirement for the B.S., B.M. and B.F.A. may be satisfied by presenting a high school transcript which demonstrates two years of study of a single foreign language (passing grades at second-year level of study). It may also be satisfied by 6 hours college credit in the same language, which must include language courses 1713 and 1813, or equivalent proficiency (e.g., passing an advanced standing examination; TOEFL exam; presenting a high school transcript which demonstrates the high school was primarily conducted in

a language other than English; etc.). Computer Science courses may not be used to satisfy this requirement.

- c. In addition to a. and b., students pursuing teacher certification must meet novice-high foreign language proficiency by presenting a high school transcript which demonstrates two years of study of a single foreign language with no grade below B. Or, students may complete 3 hours college credit in a single language with no grade below C (or pass an advanced standing examination, College Level Examination Program (CLEP) exam, or Oral Proficiency Interview developed by the American Council on the Teaching of Foreign Languages, equivalent to 3 hours of college credit.) Or, students may meet the requirement by transfer of documentation of meeting the foreign language competency from one of the teacher education programs in the State of Oklahoma approved by the Oklahoma State Regents for Higher Education.

**4. Exclusions**

- a. Courses used to satisfy the General Education English Composition, U.S. History, American Government, and Mathematics or Statistics requirements will not count toward the 54-hour maximum allowed from one department.
- b. Courses with ATHL or LEIS prefixes and leisure activity courses may not be used for degree credit.

## Additional State/OSU Requirements

- At least: 60 hours at a four-year institution; 30 hours completed at OSU; 15 of the final 30 or 50% of the upper-division hours in the major field completed at OSU.
- Limit of: one-half of major course requirements as transfer work; one-fourth of hours earned by correspondence; 8 transfer correspondence hours.
- Students will be held responsible for degree requirements in effect at the time of matriculation and any changes that are made, so long as these changes do not result in semester credit hours being added or do not delay graduation.
- Degrees that follow this plan must be completed by the end of Summer 2028.

## Example Plan of Study

### Finish in Four Plan of Study

The plan below is an example of how students can successfully complete degree requirements in four years. This suggested class schedule plan may be used as a guide and can be adjusted based on individual needs. Students are required to meet with an academic adviser prior to enrollment each semester to plan their class schedule, and students are ultimately responsible for completing all degree requirements.

Course	Title	Hours
<b>Freshman</b>		
<b>Fall</b>		
MATH 1483	Mathematical Functions and Their Uses (A) (or higher (except 1493))	3
ART 1103	Drawing I	3
1713 First Semester Foreign Language		3
College and General Education courses		5
<b>Hours</b>		<b>14</b>
<b>Spring</b>		
AADM 2103	Fundraising for the Arts	3
AADM 2500	Practicum in Arts Administration	1

1813 Second Semester Foreign Language		3
General Education courses		9
<b>Hours</b>		<b>16</b>
<b>Sophomore</b>		
<b>Fall</b>		
AADM 1203	Introduction to Arts Administration	3
ACCT 2003	Survey of Accounting	3
ART 2423	Graphic Design I	3
2000-level Foreign Language		3
General Education courses		3
<b>Hours</b>		<b>15</b>
<b>Spring</b>		
AADM 2500	Practicum in Arts Administration	1
MC 2023 or ART 3423	Electronic Communication or Graphic Design II	3
College and Elective courses		11
<b>Hours</b>		<b>15</b>
<b>Junior</b>		
<b>Fall</b>		
AADM 3203	Approaches in Arts Administration	3
AADM 2500	Practicum in Arts Administration	1
MKTG 3213	Marketing (S)	3
Major, College, and Elective courses		8
<b>Hours</b>		<b>15</b>
<b>Spring</b>		
Major, College, and Elective courses		15
<b>Hours</b>		<b>15</b>
<b>Senior</b>		
<b>Fall</b>		
Major, College, and Elective courses		15
<b>Hours</b>		<b>15</b>
<b>Spring</b>		
AADM 4203	Senior Project in Arts Administration	3
Major, College, and Elective courses		12
<b>Hours</b>		<b>15</b>
<b>Total Hours</b>		<b>120</b>

## Dance (DANC), Minor

**Requirements for Students Matriculating in or before Academic Year 2022-2023.** Learn more about University Academic Regulation 3.1 (p. 943).

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**Total Hours:** 16

Code	Title	Hours
<b>Minor Requirements</b>		
DANC 1003	Introduction to Dance Studies (H)	3
DANC 2002	Ballet I	2
DANC 2102	Contemporary Modern Dance I	2
DANC 2202	Jazz Dance	2
DANC 2602	Dance Composition	2
Select 5 hours of the following:		5
DANC 1200	Dance Ensemble Practicum	
DANC 2302	Tap	
DANC 3002	Ballet II	
DANC 3102	Contemporary Modern Dance II	
DANC 3502	Musical Theatre Dance	
DANC 3603	Choreography	
<b>Total Hours</b>		<b>16</b>

## Other Requirements

- No grade below "C."

## Additional OSU Requirements

### Undergraduate Minors

- An undergraduate minor must include between fifteen and thirty hours, inclusive of undergraduate coursework.
- A minimum of six credit hours for the minor must be earned in residence at OSU.
- The courses required for a minor may be included in the course requirements for any undergraduate degree or they may be in addition to degree requirements, depending on the overlap between the minor and degree requirements. However, an undergraduate minor must be earned in an academic field other than the student's declared degree option. The minor may not duplicate the degree major or option (for example, a student who earns a BA in Art with an Art History option may earn a minor in Studio Art but not Art History).
- A student generally follows the minor requirements associated with his or her matriculation year or newer requirements that have been established since matriculation. The time limit for following requirements from a given academic year is six years.

For additional information on requirements on minors, click here (<https://adminfinance.okstate.edu/site-files/documents/policies/requirements-for-undergraduate-and-graduate-minors.pdf>).

## Musical Theatre, BFA

**Requirements for Students Matriculating in or before Academic Year 2022-2023.** Learn more about University Academic Regulation 3.1 (p. 943).

**Minimum Overall Grade Point Average: 2.50**

**Total Hours: 120**

Code	Title	Hours
<b>General Education Requirements</b>		
<i>English Composition</i>		
See Academic Regulation 3.5 (p. 944)		
ENGL 1113	Composition I	3
or ENGL 1313	Critical Analysis and Writing I	
ENGL 1213	Composition II	3
or ENGL 1413	Critical Analysis and Writing II	
or ENGL 3323	Technical Writing	
<i>American History &amp; Government</i>		
HIST 1103	Survey of American History	3
or HIST 1483	American History to 1865 (H)	
or HIST 1493	American History Since 1865 (DH)	
POLS 1113	American Government	3
<i>Analytical &amp; Quantitative Thought (A)</i>		
3 hours MATH or STAT designated (A)		
<i>Humanities (H)</i>		
ENGL 4723	Studies in Shakespeare (H)	3
3 additional hours designated (H) not TH, DANC, or AADM		
<i>Natural Sciences (N)</i>		
Must include one Laboratory Science (L) course		
Courses designated (N)		
6		
<i>Social &amp; Behavioral Sciences (S)</i>		
Course designated (S)		
3		
<i>Additional General Education</i>		
Courses designated (A), (H), (N), or (S)		
10		
<b>Hours Subtotal</b>		<b>40</b>
<b>Diversity (D) &amp; International Dimension (I)</b>		
May be completed in any part of the degree plan		
Select at least one Diversity (D) course		
Select at least one International Dimension (I) course		
<b>College/Departmental Requirements</b>		
First Year Seminar		
(Transfer students with 15 hours exempt)		
1		
<i>Arts &amp; Humanities</i>		
MUSI 3572	History of Opera in Society (H)	2
TH 3873	History of Musical Theatre	3
4 additional hours, not TH, DANC, AADM. See note 2.a.		
4		
<i>Foreign Language</i>		
0-6 hours. See note 3.		
<i>Non-Western Studies</i>		
At least one course. See note 2.d.		
<i>Upper-Division General Education</i>		
Select 6 hours outside major department. See note 2.c.		

<b>Hours Subtotal</b>		<b>10</b>
<b>Major Requirements</b>		
Minimum GPA 3.00 with no grade below "C."		
MUSI 1532	Theory of Music I	2
TH 1301	BFA Acting Laboratory	1
TH 1311	BFA Movement Lab	1
TH 1313	Vocal Technique	3
TH 2320	Voice Lessons	2
TH 3320	BFA Voice Lessons II	2
TH 1323	Acting I	3
TH 1333	Voice and Movement	3
TH 1663	Stage Technology	3
TH 1673	Costume Technology	3
TH 2323	Acting II	3
TH 2343	Acting for Musical Theatre	3
TH 2563	Script Analysis	3
TH 3400	Upper-Division Projects	3
TH 3503	Digital Branding for the Performer	3
TH 3843	Musical Scene Study	3
TH 3863	Auditioning in Musical Theatre	3
TH 4303	Ensemble Theatre	3
Theatre Practica. Select 6 hours from:		6
TH 1500	Run Crew Practicum (minimum 1 hour)	
TH 2500	Production Crew Practicum	
TH 3500	Theatre Practicum II (minimum 1 hour)	
Two hours from:		2
TH 4990	BFA Jury	
DANC 2202	Jazz Dance	2
DANC 2302	Tap	2
DANC 3502	Musical Theatre Dance	2
AADM 4123	Entrepreneurship and the Arts	3
<b>Hours Subtotal</b>		<b>64</b>
<b>Electives</b>		
Select 6 hours.		6
May need to include 6 hours upper-division general education outside major department. See note 2.c.		
May need to include 6 hours of a foreign language. See note 3.b.		
<b>Hours Subtotal</b>		<b>6</b>
<b>Total Hours</b>		<b>120</b>

All Musical Theatre majors must successfully complete an entrance audition to enter the program. An annual performance jury will determine continued participation in the Bachelor of Fine Arts program.

## College of Arts and Sciences Requirements

### 1. General Education Requirements

No more than two courses (or eight hours) from the major department (<http://catalog.okstate.edu/college-arts-sciences-major-departments/>) may be used to meet General Education and College and Departmental Requirements. The General Education required English Composition, required U.S. History, required American Government, one required MATH or STAT course, and required foreign

language for B.A. degrees do not count against the two-course maximum.

## 2. A&S College/Departmental Requirements

- a. Arts and Humanities are defined as any course carrying an (H) designation or courses from AMST, ART, DANC, ENGL (except ENGL 3323 Technical Writing) HIST, MUSI, PHIL (except PHIL 1313 Logic and Critical Thinking (A), PHIL 3003 Symbolic Logic (A) and PHIL 4003 Mathematical Logic and Computability), REL, TH, and foreign languages.
- b. Natural and Mathematical Sciences are defined as any course from the following prefixes: ASTR, BIOC, BIOL, CHEM, CS (except CS 4883 Social Issues in Computing), GEOL, MATH, MICR, PBIO, PHYS, and STAT; or courses from other departments that carry an (A) or (N) general education designation.
- c. The required six hours of upper-division General Education may not include courses from the student's major department. This requirement may be satisfied by courses also used to satisfy any part of a student's degree program (i.e., in General Education, College Departmental Requirements, Major Requirements or Electives).
- d. Non-Western Studies Requirement for B.A. and B.F.A.; One 3-hour course in Non-Western Studies (N.W.). This requirement may be satisfied by courses also used to satisfy any part of a student's degree program (i.e., in General Education, College Departmental Requirements, Major Requirements or Electives).
- e. The College of Arts & Sciences requires a minimum 2.0 GPA in all major requirements and a minimum 2.0 GPA in all major-prefix courses applied to the degree.

## 3. Foreign Language Proficiency

- a. The foreign language requirement for the B.A. may be satisfied by 9 hours college credit in the same language, which must include 3 hours at the 2000-level, or equivalent proficiency (e.g., passing an advanced standing examination; TOEFL exam; presenting a high school transcript which demonstrates the high school was primarily conducted in a language other than English; etc.). Computer Science courses may not be used to satisfy this requirement. Currently Arabic and Mvskoke are not offered at the 2000-level at OSU.
- b. The foreign language requirement for the B.S., B.M. and B.F.A. may be satisfied by presenting a high school transcript which demonstrates two years of study of a single foreign language (passing grades at second-year level of study). It may also be satisfied by 6 hours college credit in the same language, which must include language courses 1713 and 1813, or equivalent proficiency (e.g., passing an advanced standing examination; TOEFL exam; presenting a high school transcript which demonstrates the high school was primarily conducted in a language other than English; etc.). Computer Science courses may not be used to satisfy this requirement.
- c. In addition to a. and b., students pursuing teacher certification must meet novice-high foreign language proficiency by presenting a high school transcript which demonstrates two years of study of a single foreign language with no grade below B. Or, students may complete 3 hours college credit in a single language with no grade below C (or pass an advanced standing examination, College Level Examination Program (CLEP) exam, or Oral Proficiency Interview developed by the American Council on the Teaching of Foreign Languages, equivalent to 3 hours of college credit.) Or, students may meet the requirement by transfer of documentation of meeting the foreign language competency

from one of the teacher education programs in the State of Oklahoma approved by the Oklahoma State Regents for Higher Education.

## 4. Exclusions

- a. Courses used to satisfy the General Education English Composition, U.S. History, American Government, and Mathematics or Statistics requirements will not count toward the 54-hour maximum allowed from one department.
- b. Courses with ATHL or LEIS prefixes and leisure activity courses may not be used for degree credit.

## Other Requirements

- See the College of Arts and Sciences Requirements.
- **Upper-Division Credit:** Total hours must include at least 40 hours in courses numbered 3000 or above.
- **Hours in One Department:** For B.A. and B.S. degrees, no more than 54 hours in one department may be applied to degree requirements.

## Additional State/OSU Requirements

- At least: 60 hours at a four-year institution; 30 hours completed at OSU; 15 of the final 30 or 50% of the upper-division hours in the major field completed at OSU.
- Limit of: one-half of major course requirements as transfer work; one-fourth of hours earned by correspondence; 8 transfer correspondence hours.
- Students will be held responsible for degree requirements in effect at the time of matriculation and any changes that are made, so long as these changes do not result in semester credit hours being added or do not delay graduation.
- Degrees that follow this plan must be completed by the end of Summer 2028.

## Theatre (TH), Minor

**Requirements for Students Matriculating in or before Academic Year 2022-2023.** Learn more about University Academic Regulation 3.1 (p. 943).

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**Minimum Grade Point Average in Minor Coursework:** 2.50 with no grade below "C."

**Total Hours:** 17

Code	Title	Hours
<b>Minor Requirements</b>		
TH 2413	Introduction to Staged Entertainment (H)	3
Select 3 hours of the following:		3
TH 2563	Script Analysis	
TH 3633	Diverse American Drama (DH)	
TH 3923	World Theatre History Before 1800 (H)	
TH 3933	World Theatre History After 1800 (H)	
Select a minimum of two 1-hour practica		2
Select nine additional hours approved by the department head		9
<b>Total Hours</b>		<b>17</b>

## Additional OSU Requirements

### Undergraduate Minors

- An undergraduate minor must include between fifteen and thirty hours, inclusive of undergraduate coursework.
- A minimum of six credit hours for the minor must be earned in residence at OSU.
- The courses required for a minor may be included in the course requirements for any undergraduate degree or they may be in addition to degree requirements, depending on the overlap between the minor and degree requirements. However, an undergraduate minor must be earned in an academic field other than the student's declared degree option. The minor may not duplicate the degree major or option (for example, a student who earns a BA in Art with an Art History option may earn a minor in Studio Art but not Art History).
- A student generally follows the minor requirements associated with his or her matriculation year or newer requirements that have been established since matriculation. The time limit for following requirements from a given academic year is six years.

For additional information on requirements on minors, click here (<https://adminfinance.okstate.edu/site-files/documents/policies/requirements-for-undergraduate-and-graduate-minors.pdf>).



# Theatre, BA

## Degree Requirements

**Requirements for Students Matriculating in or before Academic Year 2022-2023.** Learn more about University Academic Regulation 3.1 (p. 943).

**Minimum Overall Grade Point Average:** 2.00

**Total Hours:** 120

Code	Title	Hours
<b>General Education Requirements</b>		
<i>English Composition</i>		
See Academic Regulation 3.5 (p. 944)		
ENGL 1113	Composition I	3
or ENGL 1313	Critical Analysis and Writing I	
Select one of the following:		3
ENGL 1213	Composition II	
ENGL 1413	Critical Analysis and Writing II	
ENGL 3323	Technical Writing	
<i>American History &amp; Government</i>		
HIST 1103	Survey of American History	3
or HIST 1483	American History to 1865 (H)	
or HIST 1493	American History Since 1865 (DH)	
POLS 1113	American Government	3
<i>Analytical &amp; Quantitative Thought (A)</i>		
MATH or STAT course designated (A)		3
<i>Humanities (H)</i>		
TH 3923	World Theatre History Before 1800 (H) <sup>1</sup>	3
TH 3933	World Theatre History After 1800 (H) <sup>1</sup>	3
<i>Natural Sciences (N)</i>		
Must include one Laboratory Science (L) course		
Courses designated (N)		6
<i>Social &amp; Behavioral Sciences (S)</i>		
Course designated (S)		3
<i>Additional General Education</i>		
Courses designated (A), (H), (N), or (S)		10
<b>Hours Subtotal</b>		<b>40</b>
<b>Diversity (D) &amp; International Dimension (I)</b>		
May be completed in any part of the degree plan		
Select at least one Diversity (D) course		
Select at least one International Dimension (I) course		
<b>College/Departmental Requirements</b>		
<i>First Year Seminar</i>		
(Transfer students with 15 hours exempt)		1
<i>Arts &amp; Humanities</i>		
ENGL 3933	Shakespeare (H)	3
or ENGL 4723	Studies in Shakespeare (H)	
3 additional hours from:		3
ENGL 3263	Film & TV Criticism	
ENGL 3363	Readings in Drama (H)	
ENGL 3433	Introduction to Television Studies (H)	
ENGL 3453	History of American Film (H)	

ENGL 3463	History of International Film (HI)	
ENGL 3473	Race, Gender, and Ethnicity in American Film (D)	
ENGL 3503	Television and American Society (DH)	
ENGL 4263	Moving Image Aesthetics (H)	
ENGL 4350	Contemporary International Cinema	
ENGL 4450	Culture and the Moving Image	
Select 3 additional upper-division hours (not TH or DANC)		3
See note 2.a.		
<i>Natural &amp; Mathematical Sciences</i>		
See note 2.b.		3
<i>Foreign Language</i>		
See note 3.		9
<i>Non-Western Studies</i>		
At least one course		
See note 2.d.		
<i>Upper-Division General Education</i>		
Select 6 hours outside major department		
See note 2.c.		
<b>Hours Subtotal</b>		<b>22</b>
<b>Major Requirements</b>		
Minimum GPA 2.50. Minimum grade of "C" in all TH/DANC courses		
<i>Core Requirements</i>		
TH 1323	Acting I	3
TH 1663	Stage Technology	3
TH 1673	Costume Technology	3
TH 2563	Script Analysis	3
TH 3633	Diverse American Drama (DH)	3
TH 4753	Stage Management	3
Select 6 hours of the following:		6
TH 1500	Run Crew Practicum (at least 2 hours)	
TH 2500	Production Crew Practicum	
TH 3500	Theatre Practicum II	
<i>Emphasis</i>		
Complete one Emphasis (p. 1856)		21
<b>Hours Subtotal</b>		<b>45</b>
<b>Electives</b>		
Select 13 hours		13
May need to include 6 hours upper-division general education outside major department (see note 2.c.), and 10 additional upper-division hours		
<b>Hours Subtotal</b>		<b>13</b>
<b>Total Hours</b>		<b>120</b>

1

College and Departmental Requirements that may be used to meet General Education Requirements.

## Emphasis

### Performance Emphasis

Code	Title	Hours
TH 1333	Voice and Movement	3
TH 2323	Acting II	3
TH 3373	Acting III	3
TH 3853	Auditions and the Professional Actor/ Director	3
Select 1 of the following:		2
DANC 2002	Ballet I	
DANC 3002	Ballet II	
DANC 2102	Contemporary Modern Dance I	
DANC 2202	Jazz Dance	
DANC 2302	Tap	
DANC 3102	Contemporary Modern Dance II	
DANC 3502	Musical Theatre Dance	

Select 7 hours of Theatre Electives (3 hours must be upper-division) (p. 1856) 7

### Design/Technology Emphasis

Code	Title	Hours
TH 2833	Transition to Professions in Design and Technology	3
Select one of the following:		3
TH 3183	Scene Design for Theatre	
TH 3323	Sound Design and Technology	
TH 3593	Lighting for Theatre	
TH 3953	Costume Design	

Select 15 hours of Theatre Electives (6 hours must be upper-division) (p. 1856) 15

### General Emphasis

Code	Title	Hours
AADM 1203	Introduction to Arts Administration	3
TH 2833	Transition to Professions in Design and Technology	3
or TH 3853	Auditions and the Professional Actor/Director	

Select 15 hours of Theatre Electives (7 hours must be upper-division) (p. 1856) 15

### Theatre Electives

Code	Title	Hours
<i>Performance</i>		
TH 1333	Voice and Movement	3
TH 2323	Acting II	3
TH 3373	Acting III	3
TH 3853	Auditions and the Professional Actor/ Director	3
Select one of the following:		
DANC 2002	Ballet I	2
DANC 3002	Ballet II	2
DANC 2102	Contemporary Modern Dance I	2
DANC 2202	Jazz Dance	2

DANC 2302	Tap	2
DANC 3102	Contemporary Modern Dance II	2
DANC 3502	Musical Theatre Dance	2
Select 7 hours of Theatre Electives		7
<i>Design/Technology</i>		
TH 2553	Introduction to Stage Design	3
TH 2833	Transition to Professions in Design and Technology	3
TH 2971	Stage Makeup	1
TH 3183	Scene Design for Theatre	3
TH 3323	Sound Design and Technology	3
TH 3400	Upper-Division Projects	1-3
TH 3593	Lighting for Theatre	3
TH 3953	Costume Design	3
TH 4403	Senior Honors Project (requires consent of instructor)	3
TH 4630	Topics in Design and Technology	1-3
TH 4653	Advanced Stage Technology	3
TH 4673	Advanced Costume Construction	3
TH 4983	Painting Techniques for Theatre	3
<i>Arts Administration</i>		
AADM 1203	Introduction to Arts Administration	3
AADM 2103	Fundraising for the Arts	3

## Other Requirements

- See the College of Arts and Sciences Requirements.
- **Upper-Division Credit:** Total hours must include at least 40 hours in courses numbered 3000 or above.
- **Hours in One Department:** For B.A. and B.S. degrees, no more than 54 hours in one department may be applied to degree requirements.

## College of Arts and Sciences Requirements

### 1. General Education Requirements

No more than two courses (or eight hours) from the major department (<http://catalog.okstate.edu/college-arts-sciences-major-departments/>) may be used to meet General Education and College and Departmental Requirements. The General Education required English Composition, required U.S. History, required American Government, one required MATH or STAT course, and required foreign language for B.A. degrees do not count against the two-course maximum.

### 2. A&S College/Departmental Requirements

- Arts and Humanities are defined as any course carrying an (H) designation or courses from AMST, ART, DANC, ENGL (except ENGL 3323 Technical Writing) HIST, MUSI, PHIL (except PHIL 1313 Logic and Critical Thinking (A), PHIL 3003 Symbolic Logic (A) and PHIL 4003 Mathematical Logic and Computability), REL, TH, and foreign languages.
- Natural and Mathematical Sciences are defined as any course from the following prefixes: ASTR, BIOC, BIOL, CHEM, CS (except CS 4883 Social Issues in Computing), GEOL, MATH, MICR, PBIO, PHYS, and STAT; or courses from other departments that carry an (A) or (N) general education designation.

- c. The required six hours of upper-division General Education may not include courses from the student's major department. This requirement may be satisfied by courses also used to satisfy any part of a student's degree program (i.e., in General Education, College Departmental Requirements, Major Requirements or Electives).
- d. Non-Western Studies Requirement for B.A. and B.F.A.; One 3-hour course in Non-Western Studies (N.W.). This requirement may be satisfied by courses also used to satisfy any part of a student's degree program (i.e., in General Education, College Departmental Requirements, Major Requirements or Electives).
- e. The College of Arts & Sciences requires a minimum 2.0 GPA in all major requirements and a minimum 2.0 GPA in all major-prefix courses applied to the degree.

### 3. Foreign Language Proficiency

- a. The foreign language requirement for the B.A. may be satisfied by 9 hours college credit in the same language, which must include 3 hours at the 2000-level, or equivalent proficiency (e.g., passing an advanced standing examination; TOEFL exam; presenting a high school transcript which demonstrates the high school was primarily conducted in a language other than English; etc.). Computer Science courses may not be used to satisfy this requirement. Currently Arabic and Mvskoke are not offered at the 2000-level at OSU.
- b. The foreign language requirement for the B.S., B.M. and B.F.A. may be satisfied by presenting a high school transcript which demonstrates two years of study of a single foreign language (passing grades at second-year level of study). It may also be satisfied by 6 hours college credit in the same language, which must include language courses 1713 and 1813, or equivalent proficiency (e.g., passing an advanced standing examination; TOEFL exam; presenting a high school transcript which demonstrates the high school was primarily conducted in a language other than English; etc.). Computer Science courses may not be used to satisfy this requirement.
- c. In addition to a. and b., students pursuing teacher certification must meet novice-high foreign language proficiency by presenting a high school transcript which demonstrates two years of study of a single foreign language with no grade below B. Or, students may complete 3 hours college credit in a single language with no grade below C (or pass an advanced standing examination, College Level Examination Program (CLEP) exam, or Oral Proficiency Interview developed by the American Council on the Teaching of Foreign Languages, equivalent to 3 hours of college credit.) Or, students may meet the requirement by transfer of documentation of meeting the foreign language competency from one of the teacher education programs in the State of Oklahoma approved by the Oklahoma State Regents for Higher Education.

### 4. Exclusions

- a. Courses used to satisfy the General Education English Composition, U.S. History, American Government, and Mathematics or Statistics requirements will not count toward the 54-hour maximum allowed from one department.
- b. Courses with ATHL or LEIS prefixes and leisure activity courses may not be used for degree credit.

## Additional State/OSU Requirements

- At least: 60 hours at a four-year institution; 30 hours completed at OSU; 15 of the final 30 or 50% of the upper-division hours in the major field completed at OSU.
- Limit of: one-half of major course requirements as transfer work; one-fourth of hours earned by correspondence; 8 transfer correspondence hours.
- Students will be held responsible for degree requirements in effect at the time of matriculation and any changes that are made, so long as these changes do not result in semester credit hours being added or do not delay graduation.
- Degrees that follow this plan must be completed by the end of Summer 2028.

## Example Plan of Study

### Finish in Four Plan of Study

The plan below is an **example** of how students can successfully complete degree requirements in four years. This suggested class schedule plan may be used as a guide and can be adjusted based on individual needs. Students are required to meet with an academic adviser prior to enrollment each semester to plan their class schedule, and students are ultimately responsible for completing all degree requirements.

Course	Title	Hours
<b>Freshman</b>		
<b>Fall</b>		
TH 1323	Acting I	3
TH 1663 or TH 1673	Stage Technology or Costume Technology	3
General Education courses		8
<b>Hours</b>		<b>14</b>
<b>Spring</b>		
TH 2563	Script Analysis	3
TH 1673 or TH 1663	Costume Technology or Stage Technology	3
TH 1500	Run Crew Practicum	1
General Education courses		9
<b>Hours</b>		<b>16</b>
<b>Sophomore</b>		
<b>Fall</b>		
TH 1500	Run Crew Practicum	1
1713	First Semester Foreign Language	3
General Education courses		11
<b>Hours</b>		<b>15</b>
<b>Spring</b>		
TH 2833 or TH 3853	Transition to Professions in Design and Technology or Auditions and the Professional Actor/Director	3
TH 3633	Diverse American Drama (DH)	3
TH 1500 or TH 2500 or TH 3500	Run Crew Practicum or Production Crew Practicum or Theatre Practicum II	1
1813	Second Semester Foreign Language	3
General Education courses		5
<b>Hours</b>		<b>15</b>
<b>Junior</b>		
<b>Fall</b>		
TH 3923	World Theatre History Before 1800 (H)	3
ENGL 3933	Shakespeare (H)	3
TH 1500 or TH 2500 or TH 3500	Run Crew Practicum or Production Crew Practicum or Theatre Practicum II	1

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2000-level Foreign Language		3
General Education and Major courses		5
<b>Hours</b>		<b>15</b>
<b>Spring</b>		
TH 3933	World Theatre History After 1800 (H)	3
TH 4753	Stage Management	3
TH 1500 or TH 2500 or TH 3500	Run Crew Practicum or Production Crew Practicum or Theatre Practicum II	1
College and Elective courses		8
<b>Hours</b>		<b>15</b>
<b>Senior</b>		
<b>Fall</b>		
Major and Elective courses		15
<b>Hours</b>		<b>15</b>
<b>Spring</b>		
TH 1500 or TH 2500 or TH 3500	Run Crew Practicum or Production Crew Practicum or Theatre Practicum II	1
Major, College, and Elective courses		14
<b>Hours</b>		<b>15</b>
<b>Total Hours</b>		<b>120</b>

# COLLEGE OF ARTS AND SCIENCES

## College Administration

Keith Garbutt, PhD—Interim Dean  
 Andrew Doust, PhD—Associate Dean for Curriculum and Instruction  
 Rebecca Brienen, PhD—Associate Dean for Faculty Development and Personnel  
 Kristen Baum, PhD—Associate Dean for Research  
 Bobbi Kay Lewis, PhD—Associate Dean for Outreach and Communications  
 Amy Martindale, EdD—Assistant Dean for Student Academic Services  
 Craig Freeman, JD—Assistant Dean and Senior Inclusion Officer  
 Laura Ketchum—Development Director  
 Reneé G. Tefertiller—Fiscal Affairs Director

## Campus Address and Phone

**Address:** 201 Life Sciences East, Stillwater, OK 74078  
**Phone:** 405.744.5663  
**Fax:** 405.744.1797  
**Website:** <http://cas.okstate.edu/>

Welcome to the College of Arts & Sciences at Oklahoma State University. From cutting-edge research in the sciences to original displays of creativity in the arts, this college is the core of the university's vibrant academic and cultural community. Our outstanding faculty, staff and fellow students work together to provide an exceptional learning experience for our majors and graduate students. Arts & Sciences degrees focus on developing our students' capabilities in inquiry based learning, critical thinking, problem solving, and written communication. Each degree and associated co-curricular programs prepare our students for the dynamic careers they will soon enter.

The College of Arts and Sciences not only offers a wide variety of programs in teaching, research and outreach, but also supports and reinforces all the other programs of the University. Apart from strong programs in the natural and social sciences and in the liberal and fine arts, the College provides a number of more specialized and interdisciplinary strengths and a variety of professional and pre-professional training.

## Scholarships

A number of undergraduate scholarships are available through the College and through the departments and schools within the College. Visit [cas.okstate.edu/scholarships](https://cas.okstate.edu/scholarships/) (<https://cas.okstate.edu/scholarships/>) for more information. Arts and Sciences students are also encouraged to apply for the variety of scholarships available through the University's Office of Scholarships and Financial Aid.

## Student Success Center

The Arts and Sciences Student Success Center includes resources and support services for students.

## Student Academic Services

The academic advising process in Arts and Sciences is coordinated by Student Academic Services. The advising staff in Student Academic Services advises freshmen and undecided students. Departmental advisors provide advising for students who have declared their majors.

The general education program in the College of Arts and Sciences allows undecided freshmen to make progress toward most degrees for up to three semesters, while exploring possible fields of study with an academic advisor. The responsibility for satisfying all requirements for a degree and for ensuring that a degree plan has been submitted rests with the student. advisors assist students in curriculum planning, and students are encouraged to consult fully with their advisors.

The Student Academic Services staff represents the College in the University's recruiting activities and represents the dean in such matters as petitions for excessive hours, change of major or college, and student withdrawals. Services also include graduation certification, information about college programs and requirements, and referral of A&S students to campus support services.

More information and resources are available at [cas.okstate.edu](https://cas.okstate.edu) (<https://cas.okstate.edu>).

## Career Services

The primary goal of A&S Career Services is to promote academic excellence to enhance career planning and lifelong success. Services offered include career counseling, job and internship search strategies, and assistance with preparation of resumes and cover letters. Presentations on a wide-range of career-related topics are offered to classes and clubs. More information and resources are available at <https://cas.okstate.edu/advising/resources.html>.

## Outreach

The mission of A&S Outreach is to extend intellectual resources, disseminate knowledge to learners at any time and any place, and provide lifelong learning opportunities. This is accomplished through offering high school and collegiate distance learning courses, international credit courses, and field trip courses. Outreach also coordinates academic conferences, industry workshops and seminars, and cultural outreach opportunities. More information and resources are available at [cas.okstate.edu/outreach](https://cas.okstate.edu/outreach/) (<https://cas.okstate.edu/outreach/>).

## Academic Programs

### Undergraduate Programs

Requirements for all degree programs and options are detailed in Undergraduate Degree Requirements Sheets available online at [registrar.okstate.edu/Degree-Requirements](https://registrar.okstate.edu/Degree-Requirements) (<https://registrar.okstate.edu/Degree-Requirements/>).

### Graduate Programs

Requirements for master's and doctoral degrees are detailed on the Graduate College website at [gradcollege.okstate.edu/programs/listing-by-degree.html](https://gradcollege.okstate.edu/programs/listing-by-degree.html) (<https://gradcollege.okstate.edu/programs/listing-by-degree.html>).

## Special Academic Programs

### The Honors College

The College of Arts and Sciences has offered honors courses since the 1960s and has the greatest number of students and faculty participating in The Honors College at Oklahoma State University. The Honors College provides outstanding students with the opportunity to study, conduct research and interact with faculty and other honors students in a variety of settings designed to assist talented students who seek to make the most of their educational opportunities. Honors sections of many general education courses allow participating students the benefits

of small classes taught by experienced members of the faculty, thus combining the extensive resources of a major comprehensive university with personal faculty attention to each student. Special honors seminars provide coverage of topical issues each semester in formats that encourage the exchange of ideas through discussion and writing. Honors seniors complete the requirements of The Honors College by undertaking a senior honors thesis (or similar creative activity), and honors seniors also may earn honors credit by enrollment in graduate seminars.

For eligibility requirements, visit The Honors College website at [honors.okstate.edu](http://honors.okstate.edu) (<http://honors.okstate.edu>).

## OSUTeach and Secondary Teacher Certification (grades 6-12)

Students earning a degree in Biological Science, Chemistry, Geology, Mathematics or Physics may participate in the OSUTeach program by selecting a degree option in secondary teacher certification. OSUTeach offers four-year degree, which lead to a B.S. in the selected discipline and teacher certification at the secondary level. OSUTeach is a collaboration between the College of Education and the College of Arts and Sciences. OSUTeach students begin supervised teaching in K-12 classrooms during their first semester in the program and continue these field experiences throughout their coursework, which culminates with apprentice teaching.

Students earning degrees in other majors in the College of Arts and Sciences can also satisfy the requirements for secondary teacher certification by completing certain courses and other requirements. Interested students should see their Arts and Sciences advisor and the OSU Professional Education Unit in the College of Education in room 325 Willard as soon as possible for more information. Students who plan to complete the requirements for certification should apply for admission to professional education immediately in order to incorporate certification requirements into their plan of study. OSU Professional Education recommends a candidate for certification to the State Department of Education when the candidate has successfully completed all requirements. See the Professional Education section of the catalog for more information.

## Pre-professional Programs in the Health Professions

Pre-medicine, Pre-dentistry, Pre-optometry, Pre-pharmacy, Pre-chiropractic and Pre-veterinary Medicine.

The pre-professional curricula for physicians, dentists, podiatrists, optometrists, pharmacists, chiropractors and veterinarians have the same basic core because they must prepare students for professional schools whose admission requirements are almost identical. These include a strong foundation in math, chemistry, physics and biology, the disciplines on which major advances in the health field depend. Included also are courses to develop written and spoken communication skills, which are highly important for a good relationship with patients, the public and other professionals.

Beyond this required core, pre-professional students may choose courses and a major as freely as any other students in the College of Arts and Sciences. Medical schools encourage study in the social sciences and humanities that contributes to the understanding of human beings in their entirety—their history and environment, their attitudes and values, their emotions, motivations, interpersonal relationships and cultural heritage. All of these may affect sickness and health.

The specific admission requirements of medical, dental and veterinary schools are available at [universitycollege.okstate.edu/preprofessional/prehealth/index.html](http://universitycollege.okstate.edu/preprofessional/prehealth/index.html) (<https://universitycollege.okstate.edu/>

[preprofessional/prehealth/](http://universitycollege.okstate.edu/preprofessional/prehealth/)) and in the Pre-health Advising office. The OSU pre-medical and pre-veterinary course requirements are listed in the "College of Veterinary Medicine" and the "Center for Health Sciences" sections of the Catalog. Students whose goal is admission to medical, dental, podiatry, optometry, pharmacy or veterinary programs should consult with their academic advisor.

## Allied Health Professions

The allied health professions for which one can prepare at Oklahoma State University include dental hygiene, nursing, occupational therapy, physical therapy, physician's associate and medical imaging and radiation sciences. The College of Arts and Sciences offers the general education and basic science courses that a student must complete before he or she can be accepted into a professional program. Competitive students may be accepted into these programs after completing 60-90 hours of course work, depending on the health profession. Students whose goal is admission to a professional program in the allied health professions should visit [universitycollege.okstate.edu/preprofessional/prehealth/index.html](http://universitycollege.okstate.edu/preprofessional/prehealth/index.html) (<https://universitycollege.okstate.edu/preprofessional/prehealth/>) for information regarding the specific requirements of particular programs and schools and consult with their academic advisor.

## Pre-Law Preparation

Law schools have no single preference for a specific undergraduate major. Admission to law school is primarily based on a strong record achieved in a rigorous undergraduate program and a competitive score on the Law School Admission Test (LSAT). Other admission considerations include course of study and difficulty of curriculum; letters of recommendation; work and leadership experiences; and applicant's background and motivation as revealed in an application essay.

Law school admissions officers most frequently recommend students include in their undergraduate programs courses which develop strong reading, writing and critical thinking skills as these verbal and analytical abilities are particularly critical for success in law school.

Students whose goal is admission to law school should visit [universitycollege.okstate.edu/preprofessional/prelaw/index.html](http://universitycollege.okstate.edu/preprofessional/prelaw/index.html) (<https://universitycollege.okstate.edu/preprofessional/prelaw/>) and consult with their academic advisor.

## Student Organizations and Honor Societies

The Arts & Sciences Student Council serves as the voice of the undergraduate students in the College of Arts & Sciences. As the liaison between the students and the faculty, the Council's primary goal is to foster an atmosphere of learning that places students first. Through student programming, interaction with administration and faculty, and the promotion of the College's student organizations, the Council strives to enrich the experience of Arts & Sciences students. The Council also stresses service to the University and to the surrounding community. A complete listing of Student Organizations is available through the OSU Office of Leadership and Campus Life at <https://campuslink.okstate.edu/>.

## Academic Areas

- Aerospace Studies (p. 961)
- American Studies (p. 964)
- Art, Graphic Design and Art History (p. 1001)



- Chemistry (p. 1042)
- Communication Sciences and Disorders (p. 1071)
- Computer Science (p. 1082)
- Departments of Military Studies (p. 1100)
- Economics (p. 1102)
- English (p. 1124)
- Gender and Women's Studies (p. 1162)
- Geography (p. 1167)
- Geology (Boone Pickens School of Geology) (p. 1228)
- History (p. 1267)
- Integrative Biology (p. 1297)
- Languages and Literatures (p. 1346)
- Mathematics (p. 1402)
- Media and Strategic Communications (p. 1443)
- Microbiology and Molecular Genetics (p. 1490)
- Military Science (p. 1511)
- Multidisciplinary Studies (p. 1525)
- Music (p. 1544)
- Philosophy (p. 1589)
- Physics (p. 1618)
- Plant Biology, Ecology, and Evolution (p. 1638)
- Political Science (p. 1663)
- Psychology (p. 1709)
- Religious Studies (p. 1751)
- Sociology (p. 1755)
- Statistics (p. 1813)
- Theatre (p. 1836)

- Chemistry: Departmental Degree, BS (p. 1058)
- Chemistry: Pre-Health/Pre-Law, BS (p. 1061)
- Chemistry: Secondary Teacher Certification, BS (p. 1064)
- Communication Sciences and Disorders, BS (p. 1077)
- Computer Science, BS (p. 1097)
- Economics (Two Options), BA (p. 1112)
- Economics, BS (p. 1115)
- Economics: Pre-Dental, BS (p. 1118)
- Economics: Pre-Medical, BS (p. 1120)
- Economics: Pre-Veterinary, BS (p. 1122)
- English, BA (p. 1143)
- English: Creative Writing, BA (p. 1146)
- English: Pre-Law, BA (p. 1149)
- English: Professional Writing, BA (p. 1152)
- English: Screen Studies, BA (p. 1155)
- Environmental Geoscience, BS (p. 1242)
- French, BA (p. 1367)
- French: Business Essentials, BA (p. 1370)
- French: Pre-Law, BA (p. 1373)
- Geography, BA (p. 1191)
- Geography, BS (p. 1194)
- Geography: Business Essentials, BA (p. 1197)
- Geography: Business Essentials, BS (p. 1200)
- Geography: Pre-Law, BA (p. 1203)
- Geography: Pre-Ministry, BA (p. 1206)
- Geology, BS (p. 1244)
- Geology: Business Essentials, BS (p. 1247)
- Geology: Environmental Geology, BS (p. 1250)
- Geology: Petroleum Geology, BS (p. 1253)
- Geology: Pre-Law, BS (p. 1256)
- Geology: Secondary Teacher Certification, BS (p. 1259)
- Geophysics, BS (p. 1263)
- Geospatial Information Science, BS (p. 1209)
- German, BA (p. 1377)
- German: Business Essentials, BA (p. 1380)
- German: Pre-Law, BA (p. 1383)
- Global Studies, BA (p. 1214)
- Global Studies: Business Essentials, BA (p. 1218)
- Global Studies: Pre-Law, BA (p. 1222)
- Global Studies: Pre-Ministry, BA (p. 1225)
- History, BA (p. 1285)
- History: Business Essentials, BA (p. 1289)
- History: Pre-Law, BA (p. 1293)
- Mathematics, BA (p. 1420)
- Mathematics, BS (p. 1423)
- Mathematics: Actuarial and Financial Mathematics, BS (p. 1427)
- Mathematics: Applied Mathematics, BS (p. 1430)
- Mathematics: Pre-Law, BS (p. 1434)
- Mathematics: Pre-Medical Sciences, BS (p. 1437)
- Mathematics: Secondary Teacher Certification, BS (p. 1440)
- Medicinal and Biophysical Chemistry, BS (p. 1067)
- Microbiology/Cell & Molecular Biology, BS (p. 1502)

## Undergraduate Programs

- Acting, BFA (p. 1845)
- American Sign Language Studies, BA (p. 1362)
- American Studies, BA (p. 970)
- American Studies, BS (p. 974)
- American Studies: American Indian Studies, BA (p. 978)
- American Studies: American Indian Studies, BS (p. 982)
- American Studies: Business Essentials, BA (p. 986)
- American Studies: Business Essentials, BS (p. 990)
- American Studies: Pre-Law, BA (p. 994)
- American Studies: Pre-Law, BS (p. 997)
- Art: Art History, BA (p. 1019)
- Art: Graphic Design, BFA (p. 1023)
- Art: Studio Art, BA (p. 1027)
- Art: Studio, BFA (p. 1031)
- Arts Administration, BA (p. 1848)
- Biochemistry, BS (p. 1052)
- Biology, BS (p. 1309)
- Biology: Allied Health, BS (p. 1312)
- Biology: Environmental Biology, BS (p. 1315)
- Biology: Pre-Medical Sciences, BS (p. 1318)
- Biology: Secondary Teacher Certification, BS (p. 1321)
- Chemistry (Approved by the American Chemical Society), BS (p. 1055)

- Microbiology/Cell & Molecular Biology: Medical Laboratory Science, BS (p. 1505)
- Microbiology/Cell & Molecular Biology: Pre-Medical Professional, BS (p. 1508)
- Multidisciplinary Studies, BA (p. 1526)
- Multidisciplinary Studies, BS (p. 1529)
- Multidisciplinary Studies: Business Essentials, BA (p. 1532)
- Multidisciplinary Studies: Business Essentials, BS (p. 1535)
- Multidisciplinary Studies: Pre-Law, BA (p. 1538)
- Multidisciplinary Studies: Pre-Law, BS (p. 1541)
- Multimedia Journalism, BA (p. 1460)
- Multimedia Journalism, BS (p. 1463)
- Music Education: Instrumental/Vocal Certification, BM (p. 1571)
- Music Industry, BS (p. 1575)
- Music, BA (p. 1578)
- Music: Jazz Performance, BM (p. 1581)
- Music: Music Composition, BA (p. 1583)
- Music: Performance, BM (p. 1585)
- Musical Theatre, BFA (p. 1852)
- Philosophy, BA (p. 1604)
- Philosophy: Ethics and Business Essentials, BA (p. 1607)
- Philosophy: Ethics and Public Policy, BA (p. 1610)
- Philosophy: Pre-Law, BA (p. 1612)
- Philosophy: Pre-Ministry, BA (p. 1615)
- Physics, BS (p. 1629)
- Physics: Applied Physics, BS (p. 1632)
- Physics: Secondary Teacher Certification, BS (p. 1635)
- Physiology, BS (p. 1324)
- Physiology: Pre-Medical Sciences, BS (p. 1327)
- Plant Biology, BS (p. 1645)
- Plant Biology: Cell Biology and Molecular Genetics, BS (p. 1648)
- Plant Biology: Ecology and Evolutionary Biology, BS (p. 1651)
- Plant Biology: Pre-Forensics, BS (p. 1654)
- Plant Biology: Pre-Law Environmental Policy, BS (p. 1657)
- Plant Biology: Pre-Pharmacy, BS (p. 1660)
- Political Science, BA (p. 1681)
- Political Science, BS (p. 1684)
- Political Science: Global Politics, BA (p. 1687)
- Political Science: Global Politics, BS (p. 1690)
- Political Science: Practical Politics - Campaigning, Lobbying and Policymaking, BA (p. 1693)
- Political Science: Practical Politics - Campaigning, Lobbying and Policymaking, BS (p. 1696)
- Political Science: Pre-Law, BA (p. 1699)
- Political Science: Pre-Law, BS (p. 1702)
- Political Science: Public Policy, BA (p. 1705)
- Political Science: Public Policy, BS (p. 1707)
- Psychology, BA (p. 1726)
- Psychology, BS (p. 1730)
- Psychology: Business Essentials, BA (p. 1733)
- Psychology: Pre-Law, BA (p. 1736)
- Psychology: Pre-Med, BS (p. 1740)
- Psychology: Pre-Occupational Therapy, BS (p. 1744)
- Psychology: Pre-Physical Therapy, BS (p. 1747)
- Sociology, BA (p. 1771)
- Sociology, BS (p. 1774)
- Sociology: Anthropology, BA (p. 1777)
- Sociology: Anthropology, BS (p. 1780)
- Sociology: Applied Sociology, BA (p. 1783)
- Sociology: Applied Sociology, BS (p. 1786)
- Sociology: Criminology and Criminal Justice, BA (p. 1789)
- Sociology: Criminology and Criminal Justice, BS (p. 1792)
- Sociology: Environment and Society, BA (p. 1795)
- Sociology: Environment and Society, BS (p. 1798)
- Sociology: Pre-Law, BS (p. 1801)
- Sociology: Pre-Medical Science, BS (p. 1804)
- Sociology: Social Services, BA (p. 1807)
- Sociology: Social Services, BS (p. 1810)
- Spanish, BA (p. 1393)
- Spanish: Business Essentials, BA (p. 1396)
- Spanish: Pre-Law, BA (p. 1399)
- Sports Media, BA (p. 1466)
- Sports Media, BS (p. 1469)
- Statistics, BS (p. 1824)
- Statistics: Actuarial Science, BS (p. 1827)
- Statistics: Business Essentials, BS (p. 1830)
- Statistics: Data Science, BS (p. 1833)
- Strategic Communication: Advertising and Public Relations, BA (p. 1472)
- Strategic Communication: Advertising and Public Relations, BS (p. 1475)
- Strategic Communication: Entertainment Media, BA (p. 1478)
- Strategic Communication: Entertainment Media, BS (p. 1481)
- Strategic Communication: Social Media, BA (p. 1484)
- Strategic Communication: Social Media, BS (p. 1487)
- Theatre, BA (p. 1855)
- Zoology, BS (p. 1331)
- Zoology: Ecology and Conservation Biology, BS (p. 1334)
- Zoology: Pre-Medical Sciences, BS (p. 1337)
- Zoology: Pre-Veterinary Sciences, BS (p. 1340)
- Zoology: Secondary Teacher Certification, BS (p. 1343)

## Certificates

### Undergraduate Certificates

- Communication Sciences and Disorders, Undergraduate Certificate (p. 1081)
- Digital Studies, Undergraduate Certificate (p. 1038)
- Environmental Studies, Undergraduate Certificate (p. 1187)
- eSports, Undergraduate Certificate (p. 1039)
- Geographic Information Systems, Certificate (p. 1188)
- Pre-Health Care Administration, Undergraduate Certificate (p. 1040)
- Pre-Medical Sciences, Undergraduate Certificate (p. 1041)
- Professional Spanish, Undergraduate Certificate (p. 1390)

- Teaching English to Speakers of Other Languages, Undergraduate Certificate (p. 1161)
- Undergraduate Research, Undergraduate Certificate (p. 938)

## Minors

- Actuarial Science (ACSC), Minor (p. 1418)
- Aerospace Studies (AERO), Minor (p. 963)
- Africana Studies (AFAM), Minor (p. 1515)
- American Indian Studies (AMIS), Minor (p. 1516)
- American Sign Language (ASL), Minor (p. 1361)
- American Studies (AMST), Minor (p. 969)
- Ancient and Medieval Studies (AAMS), Minor (p. 1283)
- Anthropology (ANTH), Minor (p. 1767)
- Applied Computer Programming (APCP), Minor (p. 1094)
- Applied Music (APMU), Minor (p. 1567)
- Applied Statistics (APST), Minor (p. 1821)
- Arabic (ARB), Minor (p. 1364)
- Art History (ARTH), Minor (p. 1018)
- Arts Administration (AADM), Minor (p. 1847)
- Asian Studies (ASTD), Minor (p. 1517)
- Biology (BIO), Minor (p. 1308)
- Campaigns and Lobbying (CAML), Minor (p. 1676)
- Central Asian Studies (CAST), Minor (p. 1518)
- Chemistry (CHEM), Minor (p. 1070)
- Chinese (CHIN), Minor (p. 1365)
- Classical Studies (CLST), Minor (p. 1519)
- Cognitive Science (CSCI), Minor (p. 1722)
- Communication Sciences and Disorders (CDIS), Minor (p. 1080)
- Communication Studies (CMST), Minor (p. 1723)
- Computer Science (CS), Minor (p. 1096)
- Creative Writing (CRWR), Minor (p. 1141)
- Criminology and Criminal Justice (CRCJ), Minor (p. 1768)
- Dance (DANC), Minor (p. 1851)
- Economics (Arts and Sciences) (ECAS), Minor (p. 1111)
- English (ENGL), Minor (p. 1142)
- Ethics (ETHC), Minor (p. 1602)
- European Studies (EUST), Minor (p. 1520)
- French (FREN), Minor (p. 1366)
- Gender, Women's and Sexuality Studies (GWS), Minor (p. 1166)
- Geography (GEOG), Minor (p. 1189)
- Geology (GEOL), Minor (p. 1262)
- Geophysics (GPHY), Minor (p. 1266)
- Geospatial Information Technologies (GSIT), Minor (p. 1212)
- German (GRMN), Minor (p. 1376)
- Global Studies (GLST), Minor (p. 1213)
- Greek (GREK), Minor (p. 1386)
- Hispanic and Latin American Studies (HLAS), Minor (p. 1522)
- History (HIST), Minor (p. 1284)
- Intelligence and Security Analysis (INSA), Minor (p. 1677)
- Japanese (JPN), Minor (p. 1387)
- Jazz (JAZZ), Minor (p. 1568)
- Latin (LATN), Minor (p. 1388)
- Law and Legal Studies (LLS), Minor (p. 1678)
- Linguistics (LING), Minor (p. 1158)
- Mathematics (MATH), Minor (p. 1419)
- Microbiology (MICR), Minor (p. 1501)
- Middle East Studies (MES), Minor (p. 1523)
- Military Science (MLSC), Minor (p. 1513)
- Music (MUSI), Minor (p. 1569)
- Music Composition and Theory (MUCT), Minor (p. 1570)
- Neuroscience (NEUR), Minor (p. 1724)
- Philosophy (PHIL), Minor (p. 1603)
- Physics (PHYS), Minor (p. 1628)
- Plant Biology (PLB), Minor (p. 1644)
- Political Science (POLS), Minor (p. 1679)
- Pre-Art Therapy (PART), Minor (p. 1035)
- Professional Chinese (PRCH), Minor (p. 1389)
- Professional Writing (PRWR), Minor (p. 1159)
- Psychology (PSYC), Minor (p. 1725)
- Religious Studies (REL), Minor (p. 1754)
- Russian (RUSS), Minor (p. 1391)
- Russian and East European Studies (REES), Minor (p. 1524)
- Screen Studies (SCST), Minor (p. 1160)
- Social Justice (SOJU), Minor (p. 1769)
- Sociology (SOC), Minor (p. 1770)
- Spanish (SPAN), Minor (p. 1392)
- Speech Communication (SPCH), Minor (p. 1750)
- Statistical Data Science (SDSC), Minor (p. 1822)
- Statistics (STAT), Minor (p. 1823)
- Studio Art (STDA), Minor (p. 1036)
- Theatre (TH), Minor (p. 1854)
- Truth and Reconciliation in the Americas (TRRA), Minor (p. 1000)
- Zoology (ZOO), Minor (p. 1330)

## Graduate Programs

Twenty-five master's degrees are offered in the College along with 15 doctoral degrees. For details, see the departmental entries that follow or consult the "Graduate College" section in the Catalog.

- Applied Mathematics, MS (p. 1417)
- Applied Statistics, MS (p. 1820)
- Art History, MA (p. 1016)
- Chemistry, MS/PhD (p. 1050)
- Communication Sciences and Disorders, MS (p. 1075)
- Computer Science, MS/PhD (p. 1092)
- Creative Writing, MFA (p. 1139)
- English, MA/PhD (p. 1139)
- Geography, MS/PhD (p. 1186)
- Geology, MS/PhD (p. 1241)
- Graphic Design, MFA (p. 1016)
- History, PhD (p. 1281)
- Integrative Biology, MS/PhD (p. 1307)
- Mass Communication, MS (p. 1458)
- Mathematics, MS/PhD (p. 1417)
- Medical Physics, MS (p. 1626)

- Microbiology/Cell and Molecular Biology, MS/PhD (p. 1499)
- Music: Applied Music, MM (p. 1566)
- Music: Conducting, MM (p. 1566)
- Optics and Photonics, MS (p. 1626)
- Philosophy, MA (p. 1601)
- Physics, MS/PhD (p. 1626)
- Plant Biology, MS (p. 1643)
- Political Science: Public Policy and Administration, MA (p. 1675)
- Professional Writing, MA (p. 1139)
- Psychology, MS (p. 1721)
- Psychology: Clinical, PhD (p. 1721)
- Psychology: Experimental Psychology, PhD (p. 1721)
- Public History, MA (p. 1281)
- Sociology, MS/PhD (p. 1765)
- Statistics, MS/PhD (p. 1820)
- Teaching English as a Second Language (TESL), MA (p. 1139)
- Theatre, MA (p. 1844)

## American Studies

American Studies examines the history, culture, and society of the United States from a multidisciplinary, multicultural, and transnational perspective. Courses investigate the diverse peoples and ideas that have shaped the nation using an eclectic array of tools—from sociology and political science to history, literature, cultural and media studies. Our curriculum combines structure with latitude in course selection, enabling students to tailor their coursework to fit their personal interests and career goals.

Students may complete a Bachelor of Arts (BA) or a Bachelor of Sciences (BS) in American Studies, either with or without a Pre-Law emphasis. Degrees in American Studies require 48 hours of coursework in the field, including two required American Studies courses (6 credit hours), plus foundational courses in American literary and cultural studies (6 credit hours), American history (6 credit hours) and related humanities and social science courses (30 credit hours).

Students also have two minor options.

**American Studies** involves 3 hours in a required American Studies class (AMST 3223 Theories and Methods of American Studies), 9 hours of additional upper-division AMST-prefix courses, and 6 hours drawn from a list of upper-division courses with a focus relevant to the field of American Studies (18 hours total).

**Truth and Reconciliation in the Americas** involves one required course (AMST 3373 Comparative Truth and Reconciliation), 3 hours of internship (AMST 4990), and 9 hours drawn from a list of upper-division courses with a focus relevant to the topic of Truth and Reconciliation (15 hours total).

American Studies provides students with a well-rounded liberal arts education and the critical thinking and communication skills desired by today's employers. Our students learn to conduct research, analyze information, speak clearly, write well, and share their knowledge in multiple media formats. Graduates have pursued successful careers in a variety of fields, including education, social work, journalism, media production, marketing, non-profit management, business, and the law. With its small class sizes and emphasis on analytical writing, American Studies is also the perfect preparation for the pursuit of advanced degrees in Literature, History, and the Law, among other areas. Students interested in applying to law school should consider the Pre-Law option in American Studies.

## Courses

### AMST 2103 Introduction to American Studies (DH)

**Description:** Introduction, via topical case studies, to some of the major themes, methods and materials used in the interdisciplinary study of American culture.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Dean of Arts & Science

**General Education and other Course Attributes:** Diversity, Humanities

### AMST 2513 Plantation to Plate: Sugar, Bananas, and Coffee in America (H)

**Description:** Considers the historical impact that three food commodities - bananas, sugar, and coffee - have had on producing and consuming societies in Latin American and the United States. Analyzes the way food influenced the formation of racial and gender identities and examines different moments when these commodities influenced foreign policy and politics. Same course as HIST 2513.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Dean of Arts & Science

**General Education and other Course Attributes:** Humanities

### AMST 3223 Theories and Methods of American Studies

**Description:** In-depth introduction to the history, theories and methods of analysis used in American Studies scholarship.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Dean of Arts & Science

### AMST 3253 Globalization and American Culture (H)

**Description:** Transmission, reception, and influence of American culture in one or more of the following: Europe, Asia, Latin America, the Middle East. The cultural history of globalization and American culture.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Dean of Arts & Science

**General Education and other Course Attributes:** Humanities

### AMST 3303 Nations on the Move: Latin American Migration and Latinx Communities in the US (DH)

**Description:** Examines Latin American migration to the United States through a case study approach. Considers US foreign policy, questions of labor and economic motivations, political violence and persecution, changes in immigration law, environmental issues, histories of the process of migration, and the formation of new identities and transnational communities and activism in the United States. Same course as HIST 3303.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** History

**General Education and other Course Attributes:** Diversity, Humanities

### AMST 3333 Crime, Law and American Culture (S)

**Description:** Study of crime, law and the legal system from a cultural perspective. Examine how race, gender, and social class play different roles in issues related to crime, law and the legal system.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Dean of Arts & Science

**General Education and other Course Attributes:** Social & Behavioral Sciences



**AMST 3373 Comparative Truth and Reconciliation in the Americas (D)**

**Description:** Comparative study of truth and reconciliation in Oklahoma and beyond. Explores theories and practices of reconciliation in multicultural contexts. Emphasis on the relationship between past injustices and contemporary social problems. Possible topics might include the Tulsa Race Massacre, Native American boarding schools, and the internment of Japanese Americans in World War II.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Dean of Arts & Science

**General Education and other Course Attributes:** Diversity

**AMST 3423 American Popular Culture (H)**

**Description:** History of American popular culture and its role in shaping social behaviors, beliefs, and relations, especially as regards issues of race, class, gender, sexuality and social power.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Dean of Arts & Science

**General Education and other Course Attributes:** Humanities

**AMST 3473 Race, Gender, and Ethnicity in American Film (D)**

**Description:** A survey of race, gender, and ethnicity as they have been represented in American films. Same course as ENGL 3473.

**Credit hours:** 3

**Contact hours:** Lecture: 2 Lab: 2 Contact: 4

**Levels:** Undergraduate

**Schedule types:** Lab, Lecture, Combined lecture and lab

**Department/School:** Dean of Arts & Science

**General Education and other Course Attributes:** Diversity

**AMST 3503 Television and American Society (DH)**

**Description:** Examination of television within the social and cultural context of the US. Looks at the aesthetic and industrial practices that shape representation on TV and the effects of those practices, particularly for socially disempowered groups. Same course as ENGL 3503.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Dean of Arts & Science

**General Education and other Course Attributes:** Diversity, Humanities

**AMST 3513 Film And American Society (H)**

**Description:** Examination of the US film in its social, political, economic, and cultural contexts. Topics may include the history of US film production, distribution and consumption; Hollywood film genres; independent cinema; the star system; and/or representations of historical events, political issues, or social groups in US film.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Dean of Arts & Science

**General Education and other Course Attributes:** Humanities

**AMST 3550 The Arts and American Society**

**Description:** Interdisciplinary study of major figures, trends, themes, periods, and modes of representation in American thought and cultural expression. Emphasis on the relationship between the arts and social, political, and historical context. Examples include Realism, American Modernism, Regionalism, American Postmodernism, the City and the Country, the Other, Nationalism, Time, and Space. Topics vary by semester. Offered for fixed credit, 3 credit hours, maximum of 6 credit hours.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Dean of Arts & Science

**AMST 3653 The Body in American Culture (DH)**

**Description:** The body and its impact on American culture examined through a survey of diverse cultural productions and social practices. Examine the intersections of ideas of embodiment with discourse of race, class, gender, sexuality, disability, and nationalism.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Dean of Arts & Science

**General Education and other Course Attributes:** Diversity, Humanities

**AMST 3673 History Of American Art (DH)**

**Description:** Visual arts in America from the Colonial period to present. Major styles, ideas and uses of material in architecture, painting, sculpture and design. Same course as ART 3663.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Dean of Arts & Science

**General Education and other Course Attributes:** Diversity, Humanities

**AMST 3683 Introduction to Digital Humanities**

**Description:** Introduction to issues and tools involved in digital knowledge production. Students will create hands-on projects using readily available digital tools. Basic familiarity with computers and word processing will be helpful, but no expertise is needed.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Dean of Arts & Science

**AMST 3723 Cultural History of American Sports (DH)**

**Description:** Examines the role of sports in American cultural history; analyzes issues of class, ethnicity, gender, nationalism and race; interprets the importance of athletic heroes, fans, performance, and rituals; evaluates amateur, collegiate, Olympic, and professional institutions.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Dean of Arts & Science

**General Education and other Course Attributes:** Diversity, Humanities



**AMST 3753 African American Arts and Culture (DH)**

**Description:** An exploration of the history, practice, and significance of African American arts and culture. Topics might include black visual, literacy, filmic, musical, and street arts, artists, and movements. Approaches may be comparative or transnational. Same course as AFAM 3753.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Dean of Arts & Science

**General Education and other Course Attributes:** Diversity, Humanities

**AMST 3803 War In American Culture (H)**

**Description:** Study of war and its impact on American culture through an examination of diverse cultural productions and social practices. Emphasis on the circulation of common (and contested) representations of war within American visual, literary, and memorial culture.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Dean of Arts & Science

**General Education and other Course Attributes:** Humanities

**AMST 3813 Readings in the American Experience (DH)**

**Description:** Life in the New World from the colonial to the postmodern era using a multiplicity of interdisciplinary texts that demonstrate the emergence and ongoing evolution of distinctive American identities. Same course as ENGL 3813.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Dean of Arts & Science

**General Education and other Course Attributes:** Diversity, Humanities

**AMST 3823 U.S. as Business Culture (DH)**

**Description:** Examines American business in relation to political, social and cultural phenomena, emphasizing the implications of business for race, class, gender and nation. Themes considered may include business literature, advertising, film, documentary, and other forms of popular and visual culture. The course examines changes in business and business culture over time, and offers students opportunities to synthesize sources that are not usually considered together.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Dean of Arts & Science

**General Education and other Course Attributes:** Diversity, Humanities

**AMST 3843 War and Memory in America (H)**

**Description:** Examines the ways in which Americans have remembered and commemorated war from the American Revolution to the Global War on Terror. Topics include the creation and perpetuation of memory from both soldiers and civilians, the portrayal of war in popular culture, and the challenges of commemorating and memorializing America's militant past. Same course as HIST 3843.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** History

**General Education and other Course Attributes:** Humanities

**AMST 3863 Disability in America (DH)**

**Description:** Examines the history of disability in American culture. Considers evolving ideas about disability and the status of disabled people in American society. Topics include disability and the law; eugenics; the disability rights movement; representations of disability in popular culture; and intersecting ideas about disability, race, gender, and class. Same course as HIST 3863.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** History

**General Education and other Course Attributes:** Diversity, Humanities

**AMST 3950 Special Topics in American Studies (DH)**

**Description:** Special topics in American culture and society with an emphasis on race, class, gender, sexuality and other forms of diversity. Topics will vary, but all courses will emphasize both historical and contemporary examples and include analytical research and writing. Offered for fixed credit, 3 credit hours, maximum of 6 credit hours. 3 credit course, maximum of 6 credit hours.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Dean of Arts & Science

**General Education and other Course Attributes:** Diversity, Humanities

**AMST 3980 Inquiry in American Studies**

**Description:** For students interested in pursuing a research or reading project. Open to honors students in American Studies and to others by permission of the program head. Offered for variable credit, 1-3 credit hours, maximum of 9 credit hours.

**Credit hours:** 1-3

**Contact hours:** Lecture: 1-3 Contact: 1-3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Dean of Arts & Science

**AMST 4103 The Death Penalty in America (S)**

**Description:** This course is designed to examine problems and issues related to the death penalty in the United States, including the history of capital punishment, important Supreme Court decisions, how the various jurisdictions (state and federal) deal with capital cases, the comparative costs of incarceration and execution, miscarriages of justice in capital cases and how the criminal justice responds to these issues. Same course as SOC 4103.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Dean of Arts & Science

**General Education and other Course Attributes:** Social & Behavioral Sciences

**AMST 4453 Black Geographies & Memorialization in the Landscape (DH)**

**Prerequisites:** Junior or senior standing or consent of instructor.

**Description:** How and why have African American people sought to memorialize their history in public places? How have Black counterpublics shaped discourse on memorials to African American history? What has this discourse done to the field of landscape and memory studies? To explore these questions, this course is organized around memory in the landscape as it relates to black geographies, including, for example, slavery, the Civil War, civil rights, and the Tulsa Race Massacre in the United States. Approaches may be comparative or transnational. Same course as AFAM 4453 and GEOG 4453. May not be used for degree credit with GEOG 5453.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Dean of Arts & Science

**General Education and other Course Attributes:** Diversity, Humanities

**AMST 4553 Gender in America (DH)**

**Description:** Cultural, societal and political reflections of American men and women from the colonial era to the present. Examination of the women's movements and their opponents. Exploration of changing notions of masculinity and femininity. Same course as HIST 4553.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Dean of Arts & Science

**General Education and other Course Attributes:** Diversity, Humanities

**AMST 4593 America in International Perspective (H)**

**Prerequisites:** HIST 1103 or lower-division survey course in U.S. History, any period.

**Description:** A transnational interpretation of American history from the colonial era to the present day. Uses a variety of interdisciplinary sources to place the history of the United States within a comparative, global framework. Same course as HIST 4593.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Dean of Arts & Science

**General Education and other Course Attributes:** Humanities

**AMST 4910 American Period Seminar**

**Description:** In-depth study of a particular period or era in American historical experience. Examples include The Ragtime Era, The Jazz Age, The Great Depression, The Postwar Era, The Civil Rights Movement, and Post Modern America. Topics vary by semester. Offered for fixed credit, 3 credit hours, maximum of 6 credit hours.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Dean of Arts & Science

**AMST 4973 Senior Seminar in American Studies**

**Prerequisites:** AMST 3223.

**Description:** Writing of senior thesis based on original research and its analysis and evaluation or completion of independent project based on practical community experience.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Dean of Arts & Science

**AMST 4990 Internship**

**Description:** An internship opportunity which combines independent study and practical fieldwork experience focusing on a particular problem or topic related to America culture and experience. (Examples: Internship in Archival Fieldwork, Material Culture Fieldwork, Museum Management, Sound Recordings and Native American Heritage Site). Offered for variable credit, 1-3 credit hours, maximum of 6 credit hours.

**Credit hours:** 1-3

**Contact hours:** Contact: 1-3 Other: 1-3

**Levels:** Undergraduate

**Schedule types:** Independent Study

**Department/School:** Dean of Arts & Science

## Undergraduate Programs

- American Studies, BA (p. 970)
- American Studies, BS (p. 974)
- American Studies: American Indian Studies, BA (p. 978)
- American Studies: American Indian Studies, BS (p. 982)
- American Studies: Business Essentials, BA (p. 986)
- American Studies: Business Essentials, BS (p. 990)
- American Studies: Pre-Law, BA (p. 994)
- American Studies: Pre-Law, BS (p. 997)

## Minors

- American Studies (AMST), Minor (p. 969)
- Truth and Reconciliation in the Americas (TRRA), Minor (p. 1000)

## Faculty

John Kinder, PhD (History)—Director and Associate Professor

### CORE FACULTY

**Professor:** Stacy Takacs, PhD (English); William Decker, PhD (English); Bin Liang, PhD (Sociology)

**Associate Professor:** John Kinder, PhD (History); Louise Siddons, PhD (Art History); Lindsey Smith, PhD (English)

**Teaching Assistant Professor:** David Gray, PhD (History/OSU Tulsa);  
Reanae McNeal, PhD (Interdisciplinary Programs)

**AFFILIATE FACULTY**

**Regents Professor:** Dennis Preston, PhD (English)

**Professor:** Richard Frohock, PhD (English); Lisa Lewis, PhD (English);  
Rebekah Herrick, PhD (Political Science); Ken Kiser, PhD (Sociology);  
Jean Van Delinder, PhD (Sociology)

**Associate Professor:** Jeff Menne, PhD (English); Rebecca Sheehan, PhD  
(Geography); Danny Adkison, PhD (Political Science)

**Assistant Professor:** Andrew Belton, PhD (English); Lisa Hollenbach,  
PhD (English); Laura Arata, PhD (History); Richard Boles, PhD (History);  
Holly Karibo, PhD (History); Sarah Foss, PhD (History); Brandy Wells, PhD  
(History); Douglas Miller, PhD (History)

**Teaching Assistant Professor:** Jen Murray, PhD (History)

## American Studies (AMST), Minor

**Requirements for Students Matriculating in or before Academic Year 2022-2023.** Learn more about University Academic Regulation 3.1 (p. 943).

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anthony.valentine@okstate.edu  
In Tulsa, contact: **Angel Ray**, 918-594-8271, bangel@okstate.edu

**Total Hours:** 18

Code	Title	Hours
<b>Minor Requirements</b>		
AMST 3223	Theories and Methods of American Studies	3
Select 9 hours of additional AMST-prefix courses <sup>1</sup>		9
Select 6 hours upper-division courses with a focus relevant to the field of American Studies approved by faculty coordinator		6
<b>Total Hours</b>		<b>18</b>

1

6 hours of which must be upper-division.

### Other Requirements

- GPA of 2.5 with no grade below "C."

### Additional OSU Requirements

#### Undergraduate Minors

- An undergraduate minor must include between fifteen and thirty hours, inclusive of undergraduate coursework.
- A minimum of six credit hours for the minor must be earned in residence at OSU.
- The courses required for a minor may be included in the course requirements for any undergraduate degree or they may be in addition to degree requirements, depending on the overlap between the minor and degree requirements. However, an undergraduate minor must be earned in an academic field other than the student's declared degree option. The minor may not duplicate the degree major or option (for example, a student who earns a BA in Art with an Art History option may earn a minor in Studio Art but not Art History).
- A student generally follows the minor requirements associated with his or her matriculation year or newer requirements that have been established since matriculation. The time limit for following requirements from a given academic year is six years.

For additional information on requirements on minors, click here (<https://adminfinance.okstate.edu/site-files/documents/policies/requirements-for-undergraduate-and-graduate-minors.pdf>).

# American Studies, BA

## Degree Requirements

**Requirements for Students Matriculating in or before Academic Year 2022-2023.** Learn more about University Academic Regulation 3.1 (p. 943).

**Minimum Overall Grade Point Average:** 2.00

**Total Hours:** 120

Code	Title	Hours
<b>General Education Requirements</b>		
<i>English Composition</i>		
See Academic Regulation 3.5 (p. 944)		
ENGL 1113	Composition I	3
or ENGL 1313	Critical Analysis and Writing I	
Select one of the following:		3
ENGL 1213	Composition II	
ENGL 1413	Critical Analysis and Writing II	
ENGL 3323	Technical Writing	
<i>American History &amp; Government</i>		
HIST 1103	Survey of American History	3
or HIST 1483	American History to 1865 (H)	
or HIST 1493	American History Since 1865 (DH)	
POLS 1113	American Government	3
<i>Analytical &amp; Quantitative Thought (A)</i>		
MATH or STAT course designated (A)		3
<i>Humanities (H)</i>		
Courses designated (H)		6
<i>Natural Sciences (N)</i>		
Must include one Laboratory Science (L) course		
Courses designated (N)		6
<i>Social &amp; Behavioral Sciences (S)</i>		
Course designated (S)		3
<i>Additional General Education</i>		
Courses designated (A), (H), (N), or (S)		10
<b>Hours Subtotal</b>		<b>40</b>
<b>Diversity (D) &amp; International Dimension (I)</b>		
May be completed in any part of the degree plan		
Select at least one Diversity (D) course		
Select at least one International Dimension (I) course		
<b>College/Departmental Requirements</b>		
<i>First Year Seminar</i>		
(Transfer students with 15 hours exempt)		1
<i>Arts &amp; Humanities</i>		
See note 2.a.		9
<i>Natural &amp; Mathematical Sciences</i>		
See note 2.b.		3
<i>Foreign Language</i>		
See note 3		9
<i>Non-Western Studies</i>		
At least one course		
See note 2.d.		

### Upper-Division General Education

Select 6 hours outside major department

See note 2.c.

**Hours Subtotal** **22**

### Major Requirements

Minimum GPA 2.50. Minimum grade of "C" in all AMST upper-division courses.

No more than 9 hours in Major Requirements may be taken from 2000 level courses

AMST 3223	Theories and Methods of American Studies	3
AMST 4973	Senior Seminar in American Studies	3

### American Studies

Select 9 hours (6 hours must be upper division) of additional AMST courses other than AMST 3223 and AMST 4973 and courses listed in the following four categories.

### American History

Select 6 hours of the following (3 hours must be upper-division):

HIST 2333	American Thought and Culture: Survey (H)	
HIST 2343	Religion in America (DH)	
HIST 3133	African Diaspora History (DH)	
HIST 3613	American Colonial Period to 1750 (H)	
HIST 3623	Era of the American Revolution (H)	
HIST 3633	Early National Period, 1787-1828 (H)	
HIST 3643	Antebellum America, 1828-1850 (H)	
HIST 3653	Civil War and Reconstruction, 1850-1877	
HIST 3663	U.S History 1877-1919 (H)	
HIST 3673	United States History, 1919-45 (DH)	
HIST 3683	United States History Since 1945 (DH)	
HIST 3693	The Modern West (H)	
HIST 3703	Oklahoma History (DH)	
HIST 3713	Women in the American West (DH)	
HIST 3753	Trans-Mississippi West (DH)	
HIST 3763	American Southwest (DH)	
HIST 3773	Old South (S)	
HIST 3793	Native American History (DH)	
HIST 3803	History of Food (H)	
HIST 3853	History of the North American Borderlands (DH)	
HIST 4063	Historic Preservation	
HIST 4073	Digital Methods in History	
HIST 4153	African American History, 1619-1865 (DH)	
HIST 4163	African American History, 1865-Present (DH)	
HIST 4173	Black Intellectual History (DH)	
HIST 4253	U.S. Foreign Relations to 1945 (H)	
HIST 4273	U.S. Foreign Relations Since 1945 (H)	
HIST 4333	History of Sexuality in the United States (D)	
HIST 4353	American Military History (H)	
HIST 4363	US History through Popular and Unpopular Music (DH)	
HIST 4453	History and Film (H)	
HIST 4463	American Cultural History to 1865 (H)	
HIST 4483	American Cultural History Since 1865 (H)	

HIST 4493	Frontier in American Memory (H)
HIST 4503	American Urban History (H)
HIST 4513	Economic History of the US (S)
HIST 4523	American Environmental History (H)
HIST 4543	Vietnam War (HI)
HIST 4553	Gender in America (DH)
HIST 4563	Cold War (HI)
HIST 4593	America in International Perspective (H)

*American Literary and Cultural Studies*

Select 6 hours of the following (3 hours must be upper division): 6

ENGL 2453	Introduction to Film and Television (H)
ENGL 2773	Survey of American Literature I (H)
ENGL 2883	Survey of American Literature II (DH)
ENGL 3153	Readings in Literature by Women (DH)
ENGL 3183	Native American Literature (DH)
ENGL 3190	Readings in Postcolonial and Multiethnic Literature
ENGL 3193	African-American Literature (DH)
ENGL 3410	Popular Fiction
ENGL 3453	History of American Film (H)
ENGL 3473	Race, Gender, and Ethnicity in American Film (D)
ENGL 3503	Television and American Society (DH)
ENGL 3813	Readings in the American Experience (DH)
ENGL 4093	Language in America (DS)
ENGL 4200	Studies in Early American Literature
ENGL 4210	Studies in 19th Century American Literature
ENGL 4220	Studies in 20th Century American Literature
ENGL 4230	Literature of Diversity (DH)
ENGL 4333	Studies in Native American Literature
ENGL 4400	Studies in Regional Literature

*Humanities and Interdisciplinary Studies*

Select 6 hours of the following: 6

AFAM 1113	Introduction to Africana Studies (DH)
AMIS 2013	Introduction to American Indian Studies (D)
AMIS 4013	American Indian Sovereignty (D)
AMST 3503	Television and American Society (DH)
AMST 3513	Film And American Society (H)
AMST 3550	The Arts and American Society
AMST 3673	History Of American Art (DH)
AMST 3683	Introduction to Digital Humanities
ART 3663	History of American Art (DH)
ART 3683	History of 20th Century Art (HI)
ART 4613	Art Since 1960
ART 4763	Native American Art and Material Culture
GEOG 3093	Historical Geography of North America to 1800 (H)
GEOG 3213	Geographies of New Media (H)
GEOG 4103	Historical Geography of North America since 1800 (H)
GEOG 4223	Geography of Music (H)

GWST 2123	Introduction to Gender Studies (DH)
GWST 3513	Theorizing Sexualities (D)
GWST 3613	Race and Reproduction in the U.S. (D)
GWST 3713	Gender and Representation (D)
GWST 4113	Feminist Theories
GWST 4503	Theorizing Men and Masculinities
MUSI 3573	America's Ethnic Music (DH)
MUSI 3741	Survey of Rock and Roll I
MUSI 3751	Survey of Rock and Roll II
PHIL 2043	Philosophy of Film (H)
PHIL 2053	Philosophy in Literature (H)
PHIL 2513	Philosophy and Culture (H)
PHIL 3413	Ethical Theory (H)
PHIL 3513	Social Philosophy (H)
PHIL 3613	Philosophy of Religion (H)
PHIL 3623	Philosophy of Race (DH)
PHIL 3633	MLK, Malcolm X, & Philosophy of Race (DH)
PHIL 3773	Social Media Today (H)
PHIL 3853	Pragmatism (H)
PHIL 3813	American Philosophy (H)
PHIL 3843	Philosophy of Law (H)
PHIL 4113	Philosophy and the Arts (H)
REL 4033	American Christianity through the Colonial Period (H)

*Social Sciences*

Select 6 hours of the following: 6

AMST 3333	Crime, Law and American Culture (S)
AMST 4103	The Death Penalty in America (S)
ECON 3823	American Economy: The Past and Present (S)
ECON 4913	Urban and Regional Economics
GEOG 3123	Urban Geography (S)
GEOG 3133	Political Geography (IS)
GEOG 3163	Economic Geography (S)
GEOG 3173	Cultural Geography (S)
GEOG 3243	Legal Geography of Native America, Sovereign Tribal Nations, and Indian Country (DS)
GEOG 3703	Geography Of Oklahoma (S)
GEOG 3713	Exploring North America and Diversity (DS)
GEOG 4113	Environment and Development
GEOG 4143	Geography of Travel and Tourism
GEOG 4213	Sport, Place and Society (S)
GWST 2113	Transnational Women's Studies (S)
POLS 2023	The Individual And The Law
POLS 3353	Political Parties
POLS 3423	Voting and Elections
POLS 3443	Pol Campaigns And Candidacy
POLS 3453	U.S. Congress
POLS 3483	The American Presidency
POLS 3493	Public Policy
POLS 3513	Public Opinion and Polling
POLS 3523	Money, Media And Politics



POLS 3533	Lobbying: the Art of Influence and Manipulation
POLS 3613	State and Local Government
POLS 3663	Introduction to Political Thought
POLS 3683	Politics in Contemporary Film
POLS 3953	Minorities in the American Political System (DS)
POLS 3963	State Courts and the Bar
POLS 3973	Race, Politics and Sports (D)
POLS 3983	Courts and Judicial Process (S)
POLS 4000	Advanced Topics in American Politics
POLS 4013	American Foreign Policy
POLS 4223	Social Movements
POLS 4403	Urban Politics and Management
POLS 4553	American Political Thought
POLS 4573	Democratic Theory
POLS 4623	Oklahoma Politics (S)
POLS 4693	Gender and Politics
POLS 4963	U.S. Constitution: Civil Rights and Civil Liberties
POLS 4973	U.S. Constitution: Separation of Powers
SOC 2123	Social Problems (DS)
SOC 3133	Racial and Ethnic Relations (DS)
SOC 3323	Collective Behavior and Social Movements
SOC 3523	Juvenile Delinquency (DS)
SOC 3713	Religion, Culture and Society
SOC 3993	Sociology of Aging (DS)
SOC 4103	The Death Penalty in America (S)
SOC 4043	Gender and Work (DS)
SOC 4213	Sociology of Sexualities (S)
SOC 4333	Criminology (S)
SOC 4383	Social Stratification (S)
SOC 4433	Environmental Sociology (S)
SOC 4453	Environmental Inequality (S)
SOC 4463	Technology and Society
SOC 4473	Oklahoma Environmental Sociology
SOC 4643	Sociology of Gender (S)
SOC 4723	Sociology of Families (S)
Select 9 hours of upper-division courses	9
<b>Hours Subtotal</b>	<b>48</b>
<b>Electives</b>	
Select 10 hours	10
May need to include 6 hours upper-division general education outside major department (see note 2.c.), and 1 additional upper-division hour	
<b>Hours Subtotal</b>	<b>10</b>
<b>Total Hours</b>	<b>120</b>

## Other Requirements

- See the College of Arts and Sciences Requirements.
- **Upper-Division Credit:** Total hours must include at least 40 hours in courses numbered 3000 or above.

- **Hours in One Department:** For B.A. and B.S. degrees, no more than 54 hours in one department may be applied to degree requirements.

## College of Arts and Sciences Requirements

### 1. General Education Requirements

No more than two courses (or eight hours) from the major department (<http://catalog.okstate.edu/college-arts-sciences-major-departments/>) may be used to meet General Education and College and Departmental Requirements. The General Education required English Composition, required U.S. History, required American Government, one required MATH or STAT course, and required foreign language for B.A. degrees do not count against the two-course maximum.

### 2. A&S College/Departmental Requirements

- Arts and Humanities are defined as any course carrying an (H) designation or courses from AMST, ART, DANC, ENGL (except ENGL 3323 Technical Writing) HIST, MUSI, PHIL (except PHIL 1313 Logic and Critical Thinking (A), PHIL 3003 Symbolic Logic (A) and PHIL 4003 Mathematical Logic and Computability), REL, TH, and foreign languages.
- Natural and Mathematical Sciences are defined as any course from the following prefixes: ASTR, BIOC, BIOL, CHEM, CS (except CS 4883 Social Issues in Computing), GEOL, MATH, MICR, PBIO, PHYS, and STAT; or courses from other departments that carry an (A) or (N) general education designation.
- The required six hours of upper-division General Education may not include courses from the student's major department. This requirement may be satisfied by courses also used to satisfy any part of a student's degree program (i.e., in General Education, College Departmental Requirements, Major Requirements or Electives).
- Non-Western Studies Requirement for B.A. and B.F.A.; One 3-hour course in Non-Western Studies (N.W.). This requirement may be satisfied by courses also used to satisfy any part of a student's degree program (i.e., in General Education, College Departmental Requirements, Major Requirements or Electives).
- The College of Arts & Sciences requires a minimum 2.0 GPA in all major requirements and a minimum 2.0 GPA in all major-prefix courses applied to the degree.

### 3. Foreign Language Proficiency

- The foreign language requirement for the B.A. may be satisfied by 9 hours college credit in the same language, which must include 3 hours at the 2000-level, or equivalent proficiency (e.g., passing an advanced standing examination; TOEFL exam; presenting a high school transcript which demonstrates the high school was primarily conducted in a language other than English; etc.). Computer Science courses may not be used to satisfy this requirement. Currently Arabic and Mvskoke are not offered at the 2000-level at OSU.
- The foreign language requirement for the B.S., B.M. and B.F.A. may be satisfied by presenting a high school transcript which demonstrates two years of study of a single foreign language (passing grades at second-year level of study). It may also be satisfied by 6 hours college credit in the same language, which must include language courses 1713 and 1813, or equivalent proficiency (e.g., passing an advanced standing examination; TOEFL exam; presenting a high school transcript which demonstrates the high school was primarily conducted in

a language other than English; etc.). Computer Science courses may not be used to satisfy this requirement.

- c. In addition to a. and b., students pursuing teacher certification must meet novice-high foreign language proficiency by presenting a high school transcript which demonstrates two years of study of a single foreign language with no grade below B. Or, students may complete 3 hours college credit in a single language with no grade below C (or pass an advanced standing examination, College Level Examination Program (CLEP) exam, or Oral Proficiency Interview developed by the American Council on the Teaching of Foreign Languages, equivalent to 3 hours of college credit.) Or, students may meet the requirement by transfer of documentation of meeting the foreign language competency from one of the teacher education programs in the State of Oklahoma approved by the Oklahoma State Regents for Higher Education.

#### 4. Exclusions

- a. Courses used to satisfy the General Education English Composition, U.S. History, American Government, and Mathematics or Statistics requirements will not count toward the 54-hour maximum allowed from one department.
- b. Courses with ATHL or LEIS prefixes and leisure activity courses may not be used for degree credit.

## Additional State/OSU Requirements

- At least: 60 hours at a four-year institution; 30 hours completed at OSU; 15 of the final 30 or 50% of the upper-division hours in the major field completed at OSU.
- Limit of: one-half of major course requirements as transfer work; one-fourth of hours earned by correspondence; 8 transfer correspondence hours.
- Students will be held responsible for degree requirements in effect at the time of matriculation and any changes that are made, so long as these changes do not result in semester credit hours being added or do not delay graduation.
- Degrees that follow this plan must be completed by the end of Summer 2028.

## Example Plan of Study

### Finish in Four Plan of Study

The plan below is an **example** of how students can successfully complete degree requirements in four years. This suggested class schedule plan may be used as a guide and can be adjusted based on individual needs. Students are required to meet with an academic advisor prior to enrollment each semester to plan their class schedule, and students are ultimately responsible for completing all degree requirements.

Course	Title	Hours
<b>Freshman</b>		
<b>Fall</b>		
ENGL 1113	Composition I	3
AMST 2103	Introduction to American Studies (DH)	3
General Education courses		9
<b>Hours</b>		<b>15</b>
<b>Spring</b>		
ENGL 1213	Composition II	3
General Education courses		12
<b>Hours</b>		<b>15</b>

### Sophomore

<b>Fall</b>		
1713 First Semester Foreign Language		3
General Education courses		12
<b>Hours</b>		<b>15</b>
<b>Spring</b>		
1813 Second Semester Foreign Language		3
Major, College, and Elective courses		12
<b>Hours</b>		<b>15</b>
<b>Junior</b>		
<b>Fall</b>		
AMST 3223	Theories and Methods of American Studies	3
2000-level Foreign Language		3
Major, College, and Elective courses		9
<b>Hours</b>		<b>15</b>
<b>Spring</b>		
Major, College, and Elective courses		15
<b>Hours</b>		<b>15</b>
<b>Senior</b>		
<b>Fall</b>		
Major, College, and Elective courses		15
<b>Hours</b>		<b>15</b>
<b>Spring</b>		
AMST 4973	Senior Seminar in American Studies	3
Major, College, and Elective courses		12
<b>Hours</b>		<b>15</b>
<b>Total Hours</b>		<b>120</b>

## American Studies, BS

### Degree Requirements

**Requirements for Students Matriculating in or before Academic Year 2022-2023.** Learn more about University Academic Regulation 3.1 (p. 943).

**Minimum Overall Grade Point Average: 2.00**

**Total Hours: 120**

Code	Title	Hours
<b>General Education Requirements</b>		
<i>English Composition</i>		
See Academic Regulation 3.5 (p. 944)		
ENGL 1113 or ENGL 1313	Composition I Critical Analysis and Writing I	3
ENGL 1213 or ENGL 1413 or ENGL 3323	Composition II Critical Analysis and Writing II Technical Writing	3
<i>American History &amp; Government</i>		
HIST 1103 or HIST 1483 or HIST 1493	Survey of American History American History to 1865 (H) American History Since 1865 (DH)	3
POLS 1113	American Government	3
<i>Analytical &amp; Quantitative Thought (A)</i>		
MATH or STAT course designated (A)		3
<i>Humanities (H)</i>		
Courses designated (H)		6
<i>Natural Sciences (N)</i>		
Must include one Laboratory Science (L) course		
Courses designated (N)		6
<i>Social &amp; Behavioral Sciences (S)</i>		
Courses designated (S)		3
<i>Additional General Education</i>		
Courses designated (A), (H), (N), or (S)		10
<b>Subtotal Hours</b>		<b>40</b>
<b>Diversity (D) &amp; International Dimension (I)</b>		
May be completed in any part of the degree plan		
Select at least one Diversity (D) course		
Select at least one International Dimension (I) course		
<b>College/Departmental Requirements</b>		
<i>First Year Seminar</i>		
(Transfer students with 15 hours exempt)		1
<i>Arts &amp; Humanities</i>		
See note 2.a.		3
<i>Natural &amp; Mathematical Sciences</i>		
See note 2.b.		9
<i>Foreign Language</i>		
See note 3		
0-6 hours		
<i>Upper-division General Education</i>		
6 hours outside AMST, American History and American Literature		
See note 2.c.		

<b>Subtotal Hours</b>		<b>13</b>
<b>Major Requirements</b>		
Minimum GPA 2.50. Minimum grade of "C" in all AMST upper-division courses. No more than 9 hours in Major Requirements may be taken from 2000 level courses.		
AMST 3223	Theories and Methods of American Studies	3
AMST 4973	Senior Seminar in American Studies	3
<i>American Studies</i>		
Select 9 hours (6 hours must be upper division) of AMST courses other than AMST 3223 & AMST 4973; and courses listed in the following four categories.		9
<i>American History</i>		
Select 6 hours of the following (3 hours must be upper-division):		6
HIST 2333	American Thought and Culture: Survey (H)	
HIST 2343	Religion in America (DH)	
HIST 3133	African Diaspora History (DH)	
HIST 3613	American Colonial Period to 1750 (H)	
HIST 3623	Era of the American Revolution (H)	
HIST 3633	Early National Period, 1787-1828 (H)	
HIST 3643	Antebellum America, 1828-1850 (H)	
HIST 3653	Civil War and Reconstruction, 1850-1877	
HIST 3663	U.S History 1877-1919 (H)	
HIST 3673	United States History, 1919-45 (DH)	
HIST 3683	United States History Since 1945 (DH)	
HIST 3693	The Modern West (H)	
HIST 3703	Oklahoma History (DH)	
HIST 3713	Women in the American West (DH)	
HIST 3753	Trans-Mississippi West (DH)	
HIST 3763	American Southwest (DH)	
HIST 3773	Old South (S)	
HIST 3793	Native American History (DH)	
HIST 3803	History of Food (H)	
HIST 3853	History of the North American Borderlands (DH)	
HIST 4063	Historic Preservation	
HIST 4073	Digital Methods in History	
HIST 4153	African American History, 1619-1865 (DH)	
HIST 4163	African American History, 1865-Present (DH)	
HIST 4173	Black Intellectual History (DH)	
HIST 4253	U.S. Foreign Relations to 1945 (H)	
HIST 4273	U.S. Foreign Relations Since 1945 (H)	
HIST 4333	History of Sexuality in the United States (D)	
HIST 4353	American Military History (H)	
HIST 4363	US History through Popular and Unpopular Music (DH)	
HIST 4453	History and Film (H)	
HIST 4463	American Cultural History to 1865 (H)	
HIST 4483	American Cultural History Since 1865 (H)	
HIST 4493	Frontier in American Memory (H)	
HIST 4503	American Urban History (H)	
HIST 4513	Economic History of the US (S)	
HIST 4523	American Environmental History (H)	

HIST 4543	Vietnam War (HI)
HIST 4553	Gender in America (DH)
HIST 4563	Cold War (HI)
HIST 4593	America in International Perspective (H)

#### *American Literary and Cultural Studies*

Select 6 hours of the following (3 hours must be upper-division): 6

ENGL 2453	Introduction to Film and Television (H)
ENGL 2773	Survey of American Literature I (H)
ENGL 2883	Survey of American Literature II (DH)
ENGL 3153	Readings in Literature by Women (DH)
ENGL 3183	Native American Literature (DH)
ENGL 3190	Readings in Postcolonial and Multiethnic Literature
ENGL 3193	African-American Literature (DH)
ENGL 3410	Popular Fiction
ENGL 3453	History of American Film (H)
ENGL 3473	Race, Gender, and Ethnicity in American Film (D)
ENGL 3503	Television and American Society (DH)
ENGL 3813	Readings in the American Experience (DH)
ENGL 4093	Language in America (DS)
ENGL 4200	Studies in Early American Literature
ENGL 4210	Studies in 19th Century American Literature
ENGL 4220	Studies in 20th Century American Literature
ENGL 4230	Literature of Diversity (DH)
ENGL 4333	Studies in Native American Literature
ENGL 4400	Studies in Regional Literature

#### *Humanities and Interdisciplinary Studies*

Select 6 hours of the following: 6

AFAM 1113	Introduction to Africana Studies (DH)
AMIS 2013	Introduction to American Indian Studies (D)
AMIS 4013	American Indian Sovereignty (D)
AMST 3503	Television and American Society (DH)
AMST 3513	Film And American Society (H)
AMST 3550	The Arts and American Society
AMST 3673	History Of American Art (DH)
AMST 3683	Introduction to Digital Humanities
ART 3663	History of American Art (DH)
ART 3683	History of 20th Century Art (HI)
ART 4613	Art Since 1960
ART 4763	Native American Art and Material Culture
GEOG 3093	Historical Geography of North America to 1800 (H)
GEOG 3213	Geographies of New Media (H)
GEOG 4103	Historical Geography of North America since 1800 (H)
GEOG 4223	Geography of Music (H)
GWST 2123	Introduction to Gender Studies (DH)
GWST 3513	Theorizing Sexualities (D)
GWST 3613	Race and Reproduction in the U.S. (D)
GWST 3713	Gender and Representation (D)

GWST 4113	Feminist Theories
GWST 4503	Theorizing Men and Masculinities
MUSI 3573	America's Ethnic Music (DH)
MUSI 3741	Survey of Rock and Roll I
MUSI 3751	Survey of Rock and Roll II
PHIL 2043	Philosophy of Film (H)
PHIL 2053	Philosophy in Literature (H)
PHIL 2513	Philosophy and Culture (H)
PHIL 3413	Ethical Theory (H)
PHIL 3513	Social Philosophy (H)
PHIL 3613	Philosophy of Religion (H)
PHIL 3623	Philosophy of Race (DH)
PHIL 3633	MLK, Malcolm X, & Philosophy of Race (DH)
PHIL 3773	Social Media Today (H)
PHIL 3813	American Philosophy (H)
PHIL 3843	Philosophy of Law (H)
PHIL 3853	Pragmatism (H)
PHIL 4113	Philosophy and the Arts (H)
REL 4033	American Christianity through the Colonial Period (H)

#### *Social Sciences*

Select 6 hours of the following: 6

AMST 3333	Crime, Law and American Culture (S)
AMST 4103	The Death Penalty in America (S)
ECON 3823	American Economy: The Past and Present (S)
ECON 4913	Urban and Regional Economics
GEOG 3123	Urban Geography (S)
GEOG 3133	Political Geography (IS)
GEOG 3163	Economic Geography (S)
GEOG 3173	Cultural Geography (S)
GEOG 3243	Legal Geography of Native America, Sovereign Tribal Nations, and Indian Country (DS)
GEOG 3703	Geography Of Oklahoma (S)
GEOG 3713	Exploring North America and Diversity (DS)
GEOG 4113	Environment and Development
GEOG 4143	Geography of Travel and Tourism
GEOG 4213	Sport, Place and Society (S)
GWST 2113	Transnational Women's Studies (S)
POLS 2023	The Individual And The Law
POLS 3353	Political Parties
POLS 3423	Voting and Elections
POLS 3443	Pol Campaigns And Candidacy
POLS 3453	U.S. Congress
POLS 3483	The American Presidency
POLS 3493	Public Policy
POLS 3513	Public Opinion and Polling
POLS 3523	Money, Media And Politics
POLS 3533	Lobbying: the Art of Influence and Manipulation
POLS 3613	State and Local Government
POLS 3663	Introduction to Political Thought

POLS 3683	Politics in Contemporary Film	
POLS 3953	Minorities in the American Political System (DS)	
POLS 3963	State Courts and the Bar	
POLS 3973	Race, Politics and Sports (D)	
POLS 3983	Courts and Judicial Process (S)	
POLS 4000	Advanced Topics in American Politics	
POLS 4013	American Foreign Policy	
POLS 4223	Social Movements	
POLS 4403	Urban Politics and Management	
POLS 4553	American Political Thought	
POLS 4573	Democratic Theory	
POLS 4623	Oklahoma Politics (S)	
POLS 4693	Gender and Politics	
POLS 4963	U.S. Constitution: Civil Rights and Civil Liberties	
POLS 4973	U.S. Constitution: Separation of Powers	
SOC 2123	Social Problems (DS)	
SOC 3133	Racial and Ethnic Relations (DS)	
SOC 3323	Collective Behavior and Social Movements	
SOC 3523	Juvenile Delinquency (DS)	
SOC 3713	Religion, Culture and Society	
SOC 3993	Sociology of Aging (DS)	
SOC 4043	Gender and Work (DS)	
SOC 4103	The Death Penalty in America (S)	
SOC 4213	Sociology of Sexualities (S)	
SOC 4333	Criminology (S)	
SOC 4383	Social Stratification (S)	
SOC 4433	Environmental Sociology (S)	
SOC 4453	Environmental Inequality (S)	
SOC 4463	Technology and Society	
SOC 4473	Oklahoma Environmental Sociology	
SOC 4643	Sociology of Gender (S)	
SOC 4723	Sociology of Families (S)	
9 hours upper-division courses		9
<b>Subtotal Hours</b>		<b>48</b>
<b>Electives</b>		<b>19</b>
May need to include 6 hours of a foreign language. See note 3.		
May need to include 6 hours upper-division general education outside AMST, American History and American Literature (see note 2.c.) and 1 additional upper-division hour.		
<b>Subtotal Hours</b>		<b>19</b>
<b>Total Hours</b>		<b>120</b>

## Other Requirements

- See the College of Arts and Sciences Requirements.
- **Upper-Division Credit:** Total hours must include at least 40 hours in courses numbered 3000 or above.
- **Hours in One Department:** For B.A. and B.S. degrees, no more than 54 hours in one department may be applied to degree requirements.

## College of Arts and Sciences Requirements

### 1. General Education Requirements

No more than two courses (or eight hours) from the major department (<http://catalog.okstate.edu/college-arts-sciences-major-departments/>) may be used to meet General Education and College and Departmental Requirements. The General Education required English Composition, required U.S. History, required American Government, one required MATH or STAT course, and required foreign language for B.A. degrees do not count against the two-course maximum.

### 2. A&S College/Departmental Requirements

- Arts and Humanities are defined as any course carrying an (H) designation or courses from AMST, ART, DANC, ENGL (except ENGL 3323 Technical Writing) HIST, MUSI, PHIL (except PHIL 1313 Logic and Critical Thinking (A), PHIL 3003 Symbolic Logic (A) and PHIL 4003 Mathematical Logic and Computability), REL, TH, and foreign languages.
- Natural and Mathematical Sciences are defined as any course from the following prefixes: ASTR, BIOC, BIOL, CHEM, CS (except CS 4883 Social Issues in Computing), GEOL, MATH, MICR, PBIO, PHYS, and STAT; or courses from other departments that carry an (A) or (N) general education designation.
- The required six hours of upper-division General Education may not include courses from the student's major department. This requirement may be satisfied by courses also used to satisfy any part of a student's degree program (i.e., in General Education, College Departmental Requirements, Major Requirements or Electives).
- Non-Western Studies Requirement for B.A. and B.F.A.; One 3-hour course in Non-Western Studies (N.W.). This requirement may be satisfied by courses also used to satisfy any part of a student's degree program (i.e., in General Education, College Departmental Requirements, Major Requirements or Electives).
- The College of Arts & Sciences requires a minimum 2.0 GPA in all major requirements and a minimum 2.0 GPA in all major-prefix courses applied to the degree.

### 3. Foreign Language Proficiency

- The foreign language requirement for the B.A. may be satisfied by 9 hours college credit in the same language, which must include 3 hours at the 2000-level, or equivalent proficiency (e.g., passing an advanced standing examination; TOEFL exam; presenting a high school transcript which demonstrates the high school was primarily conducted in a language other than English; etc.). Computer Science courses may not be used to satisfy this requirement. Currently Arabic and Mvskoke are not offered at the 2000-level at OSU.
- The foreign language requirement for the B.S., B.M. and B.F.A. may be satisfied by presenting a high school transcript which demonstrates two years of study of a single foreign language (passing grades at second-year level of study). It may also be satisfied by 6 hours college credit in the same language, which must include language courses 1713 and 1813, or equivalent proficiency (e.g., passing an advanced standing examination; TOEFL exam; presenting a high school transcript which demonstrates the high school was primarily conducted in a language other than English; etc.). Computer Science courses may not be used to satisfy this requirement.



- c. In addition to a. and b., students pursuing teacher certification must meet novice-high foreign language proficiency by presenting a high school transcript which demonstrates two years of study of a single foreign language with no grade below B. Or, students may complete 3 hours college credit in a single language with no grade below C (or pass an advanced standing examination, College Level Examination Program (CLEP) exam, or Oral Proficiency Interview developed by the American Council on the Teaching of Foreign Languages, equivalent to 3 hours of college credit.) Or, students may meet the requirement by transfer of documentation of meeting the foreign language competency from one of the teacher education programs in the State of Oklahoma approved by the Oklahoma State Regents for Higher Education.

#### 4. Exclusions

- Courses used to satisfy the General Education English Composition, U.S. History, American Government, and Mathematics or Statistics requirements will not count toward the 54-hour maximum allowed from one department.
- Courses with ATHL or LEIS prefixes and leisure activity courses may not be used for degree credit.

## Additional State/OSU Requirements

- At least: 60 hours at a four-year institution; 30 hours completed at OSU; 15 of the final 30 or 50% of the upper-division hours in the major field completed at OSU.
- Limit of: one-half of major course requirements as transfer work; one-fourth of hours earned by correspondence; 8 transfer correspondence hours.
- Students will be held responsible for degree requirements in effect at the time of matriculation and any changes that are made, so long as these changes do not result in semester credit hours being added or do not delay graduation.
- Degrees that follow this plan must be completed by the end of Summer 2028.

## Example Plan of Study Finish in Four Plan of Study

The plan below is an example of how students can successfully complete degree requirements in four years. This suggested class schedule plan may be used as a guide and can be adjusted based on individual needs. Students are required to meet with an academic advisor prior to enrollment each semester to plan their class schedule, and students are ultimately responsible for completing all degree requirements.

Course	Title	Hours
<b>Freshman</b>		
<b>Fall</b>		
ENGL 1113	Composition I	3
AMST 2103	Introduction to American Studies (DH)	3
General Education courses		9
<b>Hours</b>		<b>15</b>
<b>Spring</b>		
ENGL 1213	Composition II	3
General Education courses		12
<b>Hours</b>		<b>15</b>

<b>Sophomore</b>		
<b>Fall</b>		
General Education courses		15
<b>Hours</b>		<b>15</b>
<b>Spring</b>		
Major, College, and Elective courses		15
<b>Hours</b>		<b>15</b>
<b>Junior</b>		
<b>Fall</b>		
AMST 3223	Theories and Methods of American Studies	3
Major, College, and Elective courses		12
<b>Hours</b>		<b>15</b>
<b>Spring</b>		
Major, College, and Elective courses		15
<b>Hours</b>		<b>15</b>
<b>Senior</b>		
<b>Fall</b>		
Major, College, and Elective courses		15
<b>Hours</b>		<b>15</b>
<b>Spring</b>		
AMST 4973	Senior Seminar in American Studies	3
Major, College, and Elective courses		12
<b>Hours</b>		<b>15</b>
<b>Total Hours</b>		<b>120</b>



# American Studies: American Indian Studies, BA

## Degree Requirements

**Requirements for Students Matriculating in or before Academic Year 2022-2023.** Learn more about University Academic Regulation 3.1 (p. 943).

**Minimum Overall Grade Point Average: 2.00**

**Total Hours: 120**

Code	Title	Hours
<b>General Education Requirements</b>		
<i>English Composition</i>		
See Academic Regulation 3.5 (p. 944)		
ENGL 1113 or ENGL 1313	Composition I Critical Analysis and Writing I	3
Select one course from:		3
ENGL 1213	Composition II	
ENGL 1413	Critical Analysis and Writing II	
ENGL 3323	Technical Writing	
<i>American History &amp; Government</i>		
HIST 1103 or HIST 1483 or HIST 1493	Survey of American History American History to 1865 (H) American History Since 1865 (DH)	3
POLS 1113	American Government	3
<i>Analytical &amp; Quantitative Thought (A)</i>		
MATH or STAT course designated (A)		3
<i>Humanities (H)</i>		
Courses designated (H)		6
<i>Natural Sciences (N)</i>		
Must include one Laboratory Science (L) course.		
Courses designated (N)		6
<i>Social &amp; Behavioral Sciences (S)</i>		
Course designated (S)		3
<i>Additional General Education</i>		
Courses designated (A), (H), (N) or (S)		10
<b>Hours Subtotal</b>		<b>40</b>
<b>Diversity (D) &amp; International Dimension (I)</b>		
May be completed in any part of the degree plan.		
At least one Diversity (D) course.		
At least one International Dimension (I) course.		
<b>College/Departmental Requirements</b>		
<i>First Year Seminar</i>		
(Transfer students with 15 hours exempt.)		1
<i>Arts &amp; Humanities</i>		
AMIS 2013	Introduction to American Indian Studies (D)	3
6 additional hours. (See note 2.a.)		6
<i>Natural &amp; Mathematical Sciences</i>		
(See note 2.b.)		3
<i>Foreign Languages</i>		
(See note 3.)		9
<i>Upper-Division General Education</i>		

6 hours outside major department

(See note 2.c.)		
<b>Hours Subtotal</b>		<b>22</b>
<b>Major Requirements</b>		
Minimum GPA 2.50. Minimum grade of "C" in all AMST upper-division courses. No more than 9 hours in Major Requirements may be taken from 2000-level courses.		
AMST 3223	Theories and Methods of American Studies	3
AMST 4973	Senior Seminar in American Studies	3
<i>American Studies</i>		
AMST courses (6 hours must be upper-division) other than AMST 3223 and AMST 4973.		9
<i>American History (upper-division)</i>		3
HIST 3133	African Diaspora History (DH)	
HIST 3613	American Colonial Period to 1750 (H)	
HIST 3623	Era of the American Revolution (H)	
HIST 3633	Early National Period, 1787-1828 (H)	
HIST 3643	Antebellum America, 1828-1850 (H)	
HIST 3653	Civil War and Reconstruction, 1850-1877	
HIST 3663	U.S History 1877-1919 (H)	
HIST 3673	United States History, 1919-45 (DH)	
HIST 3683	United States History Since 1945 (DH)	
HIST 3693	The Modern West (H)	
HIST 3703	Oklahoma History (DH)	
HIST 3713	Women in the American West (DH)	
HIST 3753	Trans-Mississippi West (DH)	
HIST 3763	American Southwest (DH)	
HIST 3773	Old South (S)	
HIST 3803	History of Food (H)	
HIST 3853	History of the North American Borderlands (DH)	
HIST 4063	Historic Preservation	
HIST 4073	Digital Methods in History	
HIST 4153	African American History, 1619-1865 (DH)	
HIST 4163	African American History, 1865-Present (DH)	
HIST 4173	Black Intellectual History (DH)	
HIST 4253	U.S. Foreign Relations to 1945 (H)	
HIST 4273	U.S. Foreign Relations Since 1945 (H)	
HIST 4353	American Military History (H)	
HIST 4453	History and Film (H)	
HIST 4463	American Cultural History to 1865 (H)	
HIST 4483	American Cultural History Since 1865 (H)	
HIST 4493	Frontier in American Memory (H)	
HIST 4503	American Urban History (H)	
HIST 4513	Economic History of the US (S)	
HIST 4523	American Environmental History (H)	
HIST 4543	Vietnam War (HI)	
HIST 4553	Gender in America (DH)	
HIST 4563	Cold War (HI)	
HIST 4593	America in International Perspective (H)	
<i>American Literary and Cultural Studies (upper-division)</i>		3
ENGL 3153	Readings in Literature by Women (DH)	

ENGL 3183	Native American Literature (DH)	PHIL 3773	Social Media Today (H)
ENGL 3190	Readings in Postcolonial and Multiethnic Literature	PHIL 3813	American Philosophy (H)
ENGL 3193	African-American Literature (DH)	PHIL 3843	Philosophy of Law (H)
ENGL 3410	Popular Fiction	PHIL 3853	Pragmatism (H)
ENGL 3433	Introduction to Television Studies (H)	PHIL 4113	Philosophy and the Arts (H)
ENGL 3453	History of American Film (H)	REL 3573	The Religions of Native Americans (DH)
ENGL 3473	Race, Gender, and Ethnicity in American Film (D)	REL 4033	American Christianity through the Colonial Period (H)
ENGL 3503	Television and American Society (DH)	<i>Social Sciences</i>	3
ENGL 3813	Readings in the American Experience (DH)	AMST 3333	Crime, Law and American Culture (S)
ENGL 4093	Language in America (DS)	AMST 4103	The Death Penalty in America (S)
ENGL 4200	Studies in Early American Literature	ECON 3823	American Economy: The Past and Present (S)
ENGL 4210	Studies in 19th Century American Literature	ECON 4913	Urban and Regional Economics
ENGL 4220	Studies in 20th Century American Literature	GEOG 3123	Urban Geography (S)
ENGL 4230	Literature of Diversity (DH)	GEOG 3133	Political Geography (IS)
ENGL 4333	Studies in Native American Literature	GEOG 3163	Economic Geography (S)
ENGL 4400	Studies in Regional Literature	GEOG 3173	Cultural Geography (S)
<i>Humanities and Interdisciplinary Studies</i>	3	GEOG 3243	Legal Geography of Native America, Sovereign Tribal Nations, and Indian Country (DS)
AMST 3503	Television and American Society (DH)	GEOG 3703	Geography Of Oklahoma (S)
AMST 3513	Film And American Society (H)	GEOG 3713	Exploring North America and Diversity (DS)
AMST 3550	The Arts and American Society	GEOG 4113	Environment and Development
AMST 3673	History Of American Art (DH)	GEOG 4143	Geography of Travel and Tourism
AMST 3683	Introduction to Digital Humanities	GEOG 4213	Sport, Place and Society (S)
ART 3663	History of American Art (DH)	GWST 2113	Transnational Women's Studies (S)
ART 3683	History of 20th Century Art (HI)	POLS 2023	The Individual And The Law
ART 4613	Art Since 1960	POLS 3353	Political Parties
ART 4763	Native American Art and Material Culture	POLS 3423	Voting and Elections
GEOG 3093	Historical Geography of North America to 1800 (H)	POLS 3443	Pol Campaigns And Candidacy
GEOG 3213	Geographies of New Media (H)	POLS 3453	U.S. Congress
GEOG 4103	Historical Geography of North America since 1800 (H)	POLS 3483	The American Presidency
GEOG 4223	Geography of Music (H)	POLS 3493	Public Policy
GWST 2123	Introduction to Gender Studies (DH)	POLS 3513	Public Opinion and Polling
GWST 3513	Theorizing Sexualities (D)	POLS 3523	Money, Media And Politics
GWST 3613	Race and Reproduction in the U.S. (D)	POLS 3533	Lobbying: the Art of Influence and Manipulation
GWST 3713	Gender and Representation (D)	POLS 3613	State and Local Government
GWST 4113	Feminist Theories	POLS 3663	Introduction to Political Thought
GWST 4503	Theorizing Men and Masculinities	POLS 3683	Politics in Contemporary Film
MUSI 3573	America's Ethnic Music (DH)	POLS 3953	Minorities in the American Political System (DS)
MUSI 3741	Survey of Rock and Roll I	POLS 3963	State Courts and the Bar
MUSI 3751	Survey of Rock and Roll II	POLS 3973	Race, Politics and Sports (D)
PHIL 2043	Philosophy of Film (H)	POLS 3983	Courts and Judicial Process (S)
PHIL 2053	Philosophy in Literature (H)	POLS 4000	Advanced Topics in American Politics
PHIL 2513	Philosophy and Culture (H)	POLS 4013	American Foreign Policy
PHIL 3413	Ethical Theory (H)	POLS 4223	Social Movements
PHIL 3513	Social Philosophy (H)	POLS 4403	Urban Politics and Management
PHIL 3613	Philosophy of Religion (H)	POLS 4553	American Political Thought
PHIL 3623	Philosophy of Race (DH)	POLS 4573	Democratic Theory
PHIL 3633	MLK, Malcolm X, & Philosophy of Race (DH)	POLS 4623	Oklahoma Politics (S)

POLS 4693	Gender and Politics
POLS 4963	U.S. Constitution: Civil Rights and Civil Liberties
POLS 4973	U.S. Constitution: Separation of Powers
SOC 2123	Social Problems (DS)
SOC 3133	Racial and Ethnic Relations (DS)
SOC 3323	Collective Behavior and Social Movements
SOC 3523	Juvenile Delinquency (DS)
SOC 3713	Religion, Culture and Society
SOC 3993	Sociology of Aging (DS)
SOC 4043	Gender and Work (DS)
SOC 4103	The Death Penalty in America (S)
SOC 4213	Sociology of Sexualities (S)
SOC 4333	Criminology (S)
SOC 4383	Social Stratification (S)
SOC 4433	Environmental Sociology (S)
SOC 4453	Environmental Inequality (S)
SOC 4463	Technology and Society
SOC 4473	Oklahoma Environmental Sociology
SOC 4643	Sociology of Gender (S)
SOC 4723	Sociology of Families (S)

*American Indian Studies*

AMIS 4013	American Indian Sovereignty (D)	3
ENGL 3183	Native American Literature (DH)	3
GEOG 3243	Legal Geography of Native America, Sovereign Tribal Nations, and Indian Country (DS)	3
HIST 3793	Native American History (DH)	3
9 hours from the following AMIS-related courses		9
AMIS 3713	Native American Entrepreneurship (D)	
AMIS 4000	Independent Study in American Indian Studies	
ENGL 4333	Studies in Native American Literature	
HIST 3753	Trans-Mississippi West (DH)	
HIST 3763	American Southwest (DH)	
HIST 3853	History of the North American Borderlands (DH)	
HIST 4493	Frontier in American Memory (H)	
HIST 4523	American Environmental History (H)	
GEOG 3093	Historical Geography of North America to 1800 (H)	
GEOG 3703	Geography Of Oklahoma (S)	
GEOG 4103	Historical Geography of North America since 1800 (H)	
SOC 3133	Racial and Ethnic Relations (DS)	

<b>Hours Subtotal</b>	<b>48</b>
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<b>Electives</b>	<b>10</b>
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May need to include 6 hours of a foreign language. See note 3.

May need to include 6 hours upper-division general education outside AMST, American History and American Literature (see note 2.c.) and 1 additional upper-division hour.

<b>Hours Subtotal</b>	<b>10</b>
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<b>Total Hours</b>	<b>120</b>
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## Other Requirements

- See the College of Arts and Sciences Requirements.
- **Upper-Division Credit:** Total hours must include at least 40 hours in courses numbered 3000 or above.
- **Hours in One Department:** For B.A. and B.S. degrees, no more than 54 hours in one department may be applied to degree requirements.

## College of Arts and Sciences Requirements

### 1. General Education Requirements

No more than two courses (or eight hours) from the major department (<http://catalog.okstate.edu/college-arts-sciences-major-departments/>) may be used to meet General Education and College and Departmental Requirements. The General Education required English Composition, required U.S. History, required American Government, one required MATH or STAT course, and required foreign language for B.A. degrees do not count against the two-course maximum.

### 2. A&S College/Departmental Requirements

- Arts and Humanities are defined as any course carrying an (H) designation or courses from AMST, ART, DANC, ENGL (except ENGL 3323 Technical Writing) HIST, MUSI, PHIL (except PHIL 1313 Logic and Critical Thinking (A), PHIL 3003 Symbolic Logic (A) and PHIL 4003 Mathematical Logic and Computability), REL, TH, and foreign languages.
- Natural and Mathematical Sciences are defined as any course from the following prefixes: ASTR, BIOC, BIOL, CHEM, CS (except CS 4883 Social Issues in Computing), GEOL, MATH, MICR, PBIO, PHYS, and STAT; or courses from other departments that carry an (A) or (N) general education designation.
- The required six hours of upper-division General Education may not include courses from the student's major department. This requirement may be satisfied by courses also used to satisfy any part of a student's degree program (i.e., in General Education, College Departmental Requirements, Major Requirements or Electives).
- Non-Western Studies Requirement for B.A. and B.F.A.; One 3-hour course in Non-Western Studies (N.W.). This requirement may be satisfied by courses also used to satisfy any part of a student's degree program (i.e., in General Education, College Departmental Requirements, Major Requirements or Electives).
- The College of Arts & Sciences requires a minimum 2.0 GPA in all major requirements and a minimum 2.0 GPA in all major-prefix courses applied to the degree.

### 3. Foreign Language Proficiency

- The foreign language requirement for the B.A. may be satisfied by 9 hours college credit in the same language, which must include 3 hours at the 2000-level, or equivalent proficiency (e.g., passing an advanced standing examination; TOEFL exam; presenting a high school transcript which demonstrates the high school was primarily conducted in a language other than English; etc.). Computer Science courses may not be used to satisfy this requirement. Currently Arabic and Mvskoke are not offered at the 2000-level at OSU.
- The foreign language requirement for the B.S., B.M. and B.F.A. may be satisfied by presenting a high school transcript which demonstrates two years of study of a single foreign language (passing grades at second-year level of study). It may also

be satisfied by 6 hours college credit in the same language, which must include language courses 1713 and 1813, or equivalent proficiency (e.g., passing an advanced standing examination; TOEFL exam; presenting a high school transcript which demonstrates the high school was primarily conducted in a language other than English; etc.). Computer Science courses may not be used to satisfy this requirement.

- c. In addition to a. and b., students pursuing teacher certification must meet novice-high foreign language proficiency by presenting a high school transcript which demonstrates two years of study of a single foreign language with no grade below B. Or, students may complete 3 hours college credit in a single language with no grade below C (or pass an advanced standing examination, College Level Examination Program (CLEP) exam, or Oral Proficiency Interview developed by the American Council on the Teaching of Foreign Languages, equivalent to 3 hours of college credit.) Or, students may meet the requirement by transfer of documentation of meeting the foreign language competency from one of the teacher education programs in the State of Oklahoma approved by the Oklahoma State Regents for Higher Education.

#### 4. Exclusions

- Courses used to satisfy the General Education English Composition, U.S. History, American Government, and Mathematics or Statistics requirements will not count toward the 54-hour maximum allowed from one department.
- Courses with ATHL or LEIS prefixes and leisure activity courses may not be used for degree credit.

## Additional State/OSU Requirements

- At least: 60 hours at a four-year institution; 30 hours completed at OSU; 15 of the final 30 or 50% of the upper-division hours in the major field completed at OSU.
- Limit of: one-half of major course requirements as transfer work; one-fourth of hours earned by correspondence; 8 transfer correspondence hours.
- Students will be held responsible for degree requirements in effect at the time of matriculation and any changes that are made, so long as these changes do not result in semester credit hours being added or do not delay graduation.
- Degrees that follow this plan must be completed by the end of Summer 2028.

## Example Plan of Study

### Finish in Four Plan of Study

The plan below is an **example** of how students can successfully complete degree requirements in four years. This suggested class schedule plan may be used as a guide and can be adjusted based on individual needs. Students are required to meet with an academic advisor prior to enrollment each semester to plan their class schedule, and students are ultimately responsible for completing all degree requirements.

Course	Title	Hours
<b>Freshman</b>		
<b>Fall</b>		
ENGL 1113	Composition I	3
AMST 2103	Introduction to American Studies (DH)	3
General Educations courses		9
<b>Hours</b>		<b>15</b>

<b>Spring</b>		
ENGL 1213	Composition II	3
General Education Courses		12
<b>Hours</b>		<b>15</b>
<b>Sophomore</b>		
<b>Fall</b>		
1713 First Semester Foreign Language		3
Major, College, and Elective courses		12
<b>Hours</b>		<b>15</b>
<b>Spring</b>		
1813 Second Semester Foreign Language		3
Major, College, and Elective courses		12
<b>Hours</b>		<b>15</b>
<b>Junior</b>		
<b>Fall</b>		
AMST 3223	Theories and Methods of American Studies	3
2000-level Foreign Language		3
American Indian Studies courses		6
College and Electives courses		3
<b>Hours</b>		<b>15</b>
<b>Spring</b>		
American Indian Studies courses		6
College and Electives courses		9
<b>Hours</b>		<b>15</b>
<b>Senior</b>		
<b>Fall</b>		
American Indian Studies courses		6
Major, College, and Elective courses		9
<b>Hours</b>		<b>15</b>
<b>Spring</b>		
AMST 4973	Senior Seminar in American Studies	3
American Indian Studies course		3
Major, College, and Elective courses		9
<b>Hours</b>		<b>15</b>
<b>Total Hours</b>		<b>120</b>

# American Studies: American Indian Studies, BS

## Degree Requirements

**Requirements for Students Matriculating in or before Academic Year 2022-2023.** Learn more about University Academic Regulation 3.1 (p. 943).

**Minimum Overall Grade Point Average: 2.00**

**Total Hours: 120**

Code	Title	Hours
<b>General Education Requirements</b>		
<i>English Composition</i>		
See Academic Regulation 3.5 (p. 944)		
ENGL 1113 or ENGL 1313	Composition I Critical Analysis and Writing I	3
Select one course from:		3
ENGL 1213	Composition II	
ENGL 1413	Critical Analysis and Writing II	
ENGL 3323	Technical Writing	
<i>American History &amp; Government</i>		
HIST 1103 or HIST 1483 or HIST 1493	Survey of American History American History to 1865 (H) American History Since 1865 (DH)	3
POLS 1113	American Government	3
<i>Analytical &amp; Quantitative Thought (A)</i>		
MATH or STAT course designated (A)		3
<i>Humanities (H)</i>		
Courses designated (H)		6
<i>Natural Sciences (N)</i>		
Must include one Laboratory Science (L) course.		
Courses designated (N)		6
<i>Social &amp; Behavioral Sciences (S)</i>		
Course designated (S)		3
<i>Additional General Education</i>		
Courses designated (A), (H), (N), or (S)		10
<b>Hours Subtotal</b>		<b>40</b>
<b>Diversity (D) &amp; International Dimension (I)</b>		
May be completed in any part of the degree plan.		
At least one Diversity (D) course.		
At least one International Dimension (I) course.		
<b>College/Departmental Requirements</b>		
First Year Seminar		
(Transfer students with 15 hours exempt.)		1
<i>Arts &amp; Humanities</i>		
(See note 2.a.)		3
<i>Natural &amp; Mathematical Sciences</i>		
(See note 2.b.)		9
<i>Foreign Languages</i>		
0-6 hours		
(See note 3.)		
<i>Upper-Division General Education</i>		

6 hours outside AMST, American History and American Literature

(See note 2.c.)

**Hours Subtotal** **13**

### Major Requirements

Minimum GPA 2.50. Minimum grade of "C" in all AMST upper-division courses. No more than 9 hours in Major Requirements may be taken from 2000-level courses.

AMST 3223 Theories and Methods of American Studies 3

AMST 4973 Senior Seminar in American Studies 3

*American Studies* 9

Select 9 hours (6 hours must be upper-division) AMST courses other than AMST 3223 and AMST 4973.

*American History (upper-division):* 3

HIST 3133 African Diaspora History (DH)

HIST 3613 American Colonial Period to 1750 (H)

HIST 3623 Era of the American Revolution (H)

HIST 3633 Early National Period, 1787-1828 (H)

HIST 3643 Antebellum America, 1828-1850 (H)

HIST 3653 Civil War and Reconstruction, 1850-1877

HIST 3663 U.S. History 1877-1919 (H)

HIST 3673 United States History, 1919-45 (DH)

HIST 3683 United States History Since 1945 (DH)

HIST 3693 The Modern West (H)

HIST 3703 Oklahoma History (DH)

HIST 3713 Women in the American West (DH)

HIST 3753 Trans-Mississippi West (DH)

HIST 3763 American Southwest (DH)

HIST 3773 Old South (S)

HIST 3803 History of Food (H)

HIST 3853 History of the North American Borderlands (DH)

HIST 4063 Historic Preservation

HIST 4073 Digital Methods in History

HIST 4153 African American History, 1619-1865 (DH)

HIST 4163 African American History, 1865-Present (DH)

HIST 4173 Black Intellectual History (DH)

HIST 4253 U.S. Foreign Relations to 1945 (H)

HIST 4273 U.S. Foreign Relations Since 1945 (H)

HIST 4353 American Military History (H)

HIST 4453 History and Film (H)

HIST 4463 American Cultural History to 1865 (H)

HIST 4483 American Cultural History Since 1865 (H)

HIST 4493 Frontier in American Memory (H)

HIST 4503 American Urban History (H)

HIST 4513 Economic History of the US (S)

HIST 4523 American Environmental History (H)

HIST 4543 Vietnam War (HI)

HIST 4553 Gender in America (DH)

HIST 4563 Cold War (HI)

HIST 4593 America in International Perspective (H)

*American Literary and Cultural Studies (upper-division):* 3

ENGL 3153 Readings in Literature by Women (DH)



ENGL 3183	Native American Literature (DH)	PHIL 3773	Social Media Today (H)
ENGL 3190	Readings in Postcolonial and Multiethnic Literature	PHIL 3813	American Philosophy (H)
ENGL 3193	African-American Literature (DH)	PHIL 3843	Philosophy of Law (H)
ENGL 3410	Popular Fiction	PHIL 3853	Pragmatism (H)
ENGL 3433	Introduction to Television Studies (H)	PHIL 4113	Philosophy and the Arts (H)
ENGL 3453	History of American Film (H)	REL 3573	The Religions of Native Americans (DH)
ENGL 3473	Race, Gender, and Ethnicity in American Film (D)	REL 4033	American Christianity through the Colonial Period (H)
ENGL 3503	Television and American Society (DH)	<i>Social Sciences:</i>	3
ENGL 3813	Readings in the American Experience (DH)	AMST 3333	Crime, Law and American Culture (S)
ENGL 4093	Language in America (DS)	AMST 4103	The Death Penalty in America (S)
ENGL 4200	Studies in Early American Literature	ECON 3823	American Economy: The Past and Present (S)
ENGL 4210	Studies in 19th Century American Literature	ECON 4913	Urban and Regional Economics
ENGL 4220	Studies in 20th Century American Literature	GEOG 3123	Urban Geography (S)
ENGL 4230	Literature of Diversity (DH)	GEOG 3133	Political Geography (IS)
ENGL 4333	Studies in Native American Literature	GEOG 3163	Economic Geography (S)
ENGL 4400	Studies in Regional Literature	GEOG 3173	Cultural Geography (S)
<i>Humanities and Interdisciplinary Studies:</i>	3	GEOG 3243	Legal Geography of Native America, Sovereign Tribal Nations, and Indian Country (DS)
AMST 3503	Television and American Society (DH)	GEOG 3703	Geography Of Oklahoma (S)
AMST 3513	Film And American Society (H)	GEOG 3713	Exploring North America and Diversity (DS)
AMST 3550	The Arts and American Society	GEOG 4113	Environment and Development
AMST 3673	History Of American Art (DH)	GEOG 4143	Geography of Travel and Tourism
AMST 3683	Introduction to Digital Humanities	GEOG 4213	Sport, Place and Society (S)
ART 3663	History of American Art (DH)	GWST 2113	Transnational Women's Studies (S)
ART 3683	History of 20th Century Art (HI)	POLS 2023	The Individual And The Law
ART 4613	Art Since 1960	POLS 3353	Political Parties
ART 4763	Native American Art and Material Culture	POLS 3423	Voting and Elections
GEOG 3093	Historical Geography of North America to 1800 (H)	POLS 3443	Pol Campaigns And Candidacy
GEOG 3213	Geographies of New Media (H)	POLS 3453	U.S. Congress
GEOG 4103	Historical Geography of North America since 1800 (H)	POLS 3483	The American Presidency
GEOG 4223	Geography of Music (H)	POLS 3493	Public Policy
GWST 2123	Introduction to Gender Studies (DH)	POLS 3513	Public Opinion and Polling
GWST 3513	Theorizing Sexualities (D)	POLS 3523	Money, Media And Politics
GWST 3613	Race and Reproduction in the U.S. (D)	POLS 3533	Lobbying: the Art of Influence and Manipulation
GWST 3713	Gender and Representation (D)	POLS 3613	State and Local Government
GWST 4113	Feminist Theories	POLS 3663	Introduction to Political Thought
GWST 4503	Theorizing Men and Masculinities	POLS 3683	Politics in Contemporary Film
MUSI 3573	America's Ethnic Music (DH)	POLS 3953	Minorities in the American Political System (DS)
MUSI 3741	Survey of Rock and Roll I	POLS 3963	State Courts and the Bar
MUSI 3751	Survey of Rock and Roll II	POLS 3973	Race, Politics and Sports (D)
PHIL 2043	Philosophy of Film (H)	POLS 3983	Courts and Judicial Process (S)
PHIL 2053	Philosophy in Literature (H)	POLS 4000	Advanced Topics in American Politics
PHIL 2513	Philosophy and Culture (H)	POLS 4013	American Foreign Policy
PHIL 3413	Ethical Theory (H)	POLS 4223	Social Movements
PHIL 3513	Social Philosophy (H)	POLS 4403	Urban Politics and Management
PHIL 3613	Philosophy of Religion (H)	POLS 4553	American Political Thought
PHIL 3623	Philosophy of Race (DH)	POLS 4573	Democratic Theory
PHIL 3633	MLK, Malcolm X, & Philosophy of Race (DH)	POLS 4623	Oklahoma Politics (S)



POLS 4693	Gender and Politics	
POLS 4963	U.S. Constitution: Civil Rights and Civil Liberties	
POLS 4973	U.S. Constitution: Separation of Powers	
SOC 2123	Social Problems (DS)	
SOC 3133	Racial and Ethnic Relations (DS)	
SOC 3323	Collective Behavior and Social Movements	
SOC 3523	Juvenile Delinquency (DS)	
SOC 3713	Religion, Culture and Society	
SOC 3993	Sociology of Aging (DS)	
SOC 4043	Gender and Work (DS)	
SOC 4103	The Death Penalty in America (S)	
SOC 4213	Sociology of Sexualities (S)	
SOC 4333	Criminology (S)	
SOC 4383	Social Stratification (S)	
SOC 4433	Environmental Sociology (S)	
SOC 4453	Environmental Inequality (S)	
SOC 4463	Technology and Society	
SOC 4473	Oklahoma Environmental Sociology	
SOC 4643	Sociology of Gender (S)	
SOC 4723	Sociology of Families (S)	

*American Indian Studies:*

AMIS 4013	American Indian Sovereignty (D)	3
ENGL 3183	Native American Literature (DH)	3
GEOG 3243	Legal Geography of Native America, Sovereign Tribal Nations, and Indian Country (DS)	3
HIST 3793	Native American History (DH)	3
9 hours from the following AMIS-related courses:		9
AMIS 3713	Native American Entrepreneurship (D)	
AMIS 4000	Independent Study in American Indian Studies	
ENGL 4333	Studies in Native American Literature	
HIST 3753	Trans-Mississippi West (DH)	
HIST 3763	American Southwest (DH)	
HIST 3853	History of the North American Borderlands (DH)	
HIST 4493	Frontier in American Memory (H)	
HIST 4523	American Environmental History (H)	
GEOG 3093	Historical Geography of North America to 1800 (H)	
GEOG 3703	Geography Of Oklahoma (S)	
GEOG 4103	Historical Geography of North America since 1800 (H)	
SOC 3133	Racial and Ethnic Relations (DS)	

<b>Hours Subtotal</b>	<b>48</b>
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**Electives**

19 hours of Electives	19
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May need to include 6 hours of a foreign language. See note 3.

May need to include 6 hours upper-division general education outside AMST, American History and American Literature (see note 2.c.) and 1 additional upper-division hour.

<b>Hours Subtotal</b>	<b>19</b>
<b>Total Hours</b>	<b>120</b>

## Other Requirements

- See the College of Arts and Sciences Requirements.
- **Upper-Division Credit:** Total hours must include at least 40 hours in courses numbered 3000 or above.
- **Hours in One Department:** For B.A. and B.S. degrees, no more than 54 hours in one department may be applied to degree requirements.

## College of Arts and Sciences Requirements

### 1. General Education Requirements

No more than two courses (or eight hours) from the major department (<http://catalog.okstate.edu/college-arts-sciences-major-departments/>) may be used to meet General Education and College and Departmental Requirements. The General Education required English Composition, required U.S. History, required American Government, one required MATH or STAT course, and required foreign language for B.A. degrees do not count against the two-course maximum.

### 2. A&S College/Departmental Requirements

- Arts and Humanities are defined as any course carrying an (H) designation or courses from AMST, ART, DANC, ENGL (except ENGL 3323 Technical Writing) HIST, MUSI, PHIL (except PHIL 1313 Logic and Critical Thinking (A), PHIL 3003 Symbolic Logic (A) and PHIL 4003 Mathematical Logic and Computability), REL, TH, and foreign languages.
- Natural and Mathematical Sciences are defined as any course from the following prefixes: ASTR, BIOC, BIOL, CHEM, CS (except CS 4883 Social Issues in Computing), GEOL, MATH, MICR, PBIO, PHYS, and STAT; or courses from other departments that carry an (A) or (N) general education designation.
- The required six hours of upper-division General Education may not include courses from the student's major department. This requirement may be satisfied by courses also used to satisfy any part of a student's degree program (i.e., in General Education, College Departmental Requirements, Major Requirements or Electives).
- Non-Western Studies Requirement for B.A. and B.F.A.; One 3-hour course in Non-Western Studies (N.W.). This requirement may be satisfied by courses also used to satisfy any part of a student's degree program (i.e., in General Education, College Departmental Requirements, Major Requirements or Electives).
- The College of Arts & Sciences requires a minimum 2.0 GPA in all major requirements and a minimum 2.0 GPA in all major-prefix courses applied to the degree.

### 3. Foreign Language Proficiency

- The foreign language requirement for the B.A. may be satisfied by 9 hours college credit in the same language, which must include 3 hours at the 2000-level, or equivalent proficiency (e.g., passing an advanced standing examination; TOEFL exam; presenting a high school transcript which demonstrates the high school was primarily conducted in a language other than English; etc.). Computer Science courses may not be used to satisfy this requirement. Currently Arabic and Mvskoke are not offered at the 2000-level at OSU.

- b. The foreign language requirement for the B.S., B.M. and B.F.A. may be satisfied by presenting a high school transcript which demonstrates two years of study of a single foreign language (passing grades at second-year level of study). It may also be satisfied by 6 hours college credit in the same language, which must include language courses 1713 and 1813, or equivalent proficiency (e.g., passing an advanced standing examination; TOEFL exam; presenting a high school transcript which demonstrates the high school was primarily conducted in a language other than English; etc.). Computer Science courses may not be used to satisfy this requirement.
- c. In addition to a. and b., students pursuing teacher certification must meet novice-high foreign language proficiency by presenting a high school transcript which demonstrates two years of study of a single foreign language with no grade below B. Or, students may complete 3 hours college credit in a single language with no grade below C (or pass an advanced standing examination, College Level Examination Program (CLEP) exam, or Oral Proficiency Interview developed by the American Council on the Teaching of Foreign Languages, equivalent to 3 hours of college credit.) Or, students may meet the requirement by transfer of documentation of meeting the foreign language competency from one of the teacher education programs in the State of Oklahoma approved by the Oklahoma State Regents for Higher Education.

#### 4. Exclusions

- a. Courses used to satisfy the General Education English Composition, U.S. History, American Government, and Mathematics or Statistics requirements will not count toward the 54-hour maximum allowed from one department.
- b. Courses with ATHL or LEIS prefixes and leisure activity courses may not be used for degree credit.

## Additional State/OSU Requirements

- At least: 60 hours at a four-year institution; 30 hours completed at OSU; 15 of the final 30 or 50% of the upper-division hours in the major field completed at OSU.
- Limit of: one-half of major course requirements as transfer work; one-fourth of hours earned by correspondence; 8 transfer correspondence hours.
- Students will be held responsible for degree requirements in effect at the time of matriculation and any changes that are made, so long as these changes do not result in semester credit hours being added or do not delay graduation.
- Degrees that follow this plan must be completed by the end of Summer 2028.

## Example Plan of Study

### Finish in Four Plan of Study

The plan below is an **example** of how students can successfully complete degree requirements in four years. This suggested class schedule plan may be used as a guide and can be adjusted based on individual needs. Students are required to meet with an academic advisor prior to enrollment each semester to plan their class schedule, and students are ultimately responsible for completing all degree requirements.

Course	Title	Hours
<b>Freshman</b>		
<b>Fall</b>		
ENGL 1113	Composition I	3
AMST 2103	Introduction to American Studies (DH)	3
General Educations courses		9
<b>Hours</b>		<b>15</b>
<b>Spring</b>		
ENGL 1213	Composition II	3
General Education Courses		12
<b>Hours</b>		<b>15</b>
<b>Sophomore</b>		
<b>Fall</b>		
Major, College, and Elective courses		15
<b>Hours</b>		<b>15</b>
<b>Spring</b>		
Major, College, and Elective courses		15
<b>Hours</b>		<b>15</b>
<b>Junior</b>		
<b>Fall</b>		
AMST 3223	Theories and Methods of American Studies	3
American Indian Studies courses		6
College and Electives courses		6
<b>Hours</b>		<b>15</b>
<b>Spring</b>		
American Indian Studies courses		6
College and Electives courses		9
<b>Hours</b>		<b>15</b>
<b>Senior</b>		
<b>Fall</b>		
American Indian Studies courses		6
Major, College, and Elective courses		9
<b>Hours</b>		<b>15</b>
<b>Spring</b>		
AMST 4973	Senior Seminar in American Studies	3
American Indian Studies course		3
Major, College, and Elective courses		9
<b>Hours</b>		<b>15</b>
<b>Total Hours</b>		<b>120</b>

# American Studies: Business Essentials, BA

## Degree Requirements

**Requirements for Students Matriculating in or before Academic Year 2022-2023.** Learn more about University Academic Regulation 3.1 (p. 943).

**Minimum Overall Grade Point Average: 2.00**

**Total Hours: 120**

Code	Title	Hours
<b>General Education Requirements</b>		
<i>English Composition</i>		
See Academic Regulation 3.5 (p. 944)		
ENGL 1113 or ENGL 1313	Composition I Critical Analysis and Writing I	3
Select one of the following:		3
ENGL 1213	Composition II	
ENGL 1413	Critical Analysis and Writing II	
ENGL 3323	Technical Writing	
<i>American History &amp; Government</i>		
HIST 1103 or HIST 1483 or HIST 1493	Survey of American History American History to 1865 (H) American History Since 1865 (DH)	3
POLS 1113	American Government	3
<i>Analytical &amp; Quantitative Thought (A)</i>		
MATH 1483	Mathematical Functions and Their Uses (A) (or higher, excluding MATH 1493)	3
<i>Humanities (H)</i>		
Courses designated (H)		6
<i>Natural Sciences (N)</i>		
Must include one Laboratory Science (L) course.		
Courses designated (N) with one (L)		6
<i>Social &amp; Behavioral Sciences (S)</i>		
Course designated (S)		3
<i>Additional General Education</i>		
Courses designated A, H, N or S		10
<b>Hours Subtotal</b>		<b>40</b>
<b>Diversity (D) &amp; International Dimension (I)</b>		
May be completed in any part of the degree plan.		
At least one Diversity (D) course.		
At least one International Dimension (I) course.		
<b>College/Departmental Requirements</b>		
<i>First Year Seminar</i>		
(Transfer students with 15 hours exempt.)		1
<i>Arts &amp; Humanities</i>		
(See note 2.a.)		9
<i>Natural &amp; Mathematical Sciences</i>		
(See note 2.b.)		3
<i>Foreign Languages</i>		
(See note 3.)		9
<i>Non-Western Studies</i>		

(See note 2.d.)

*Upper-Division General Education*

6 hours outside major department

(See note 2.c.)

**Hours Subtotal** **22**

### Major Requirements

Minimum GPA 2.50. Minimum grade of "C" in all AMST upper-division courses.

No more than 9 hours in Major Requirements may be taken from 2000-level courses.

AMST 3223	Theories and Methods of American Studies	3
AMST 4973	Senior Seminar in American Studies	3
9 hours (6 hours must be upper-division):		9

AMST courses other than AMST 3223 and AMST 4973 and courses listed in the following four categories:

*American History (3 hours must be upper-division)* **6**

HIST 2333	American Thought and Culture: Survey (H)	
HIST 2343	Religion in America (DH)	
HIST 3133	African Diaspora History (DH)	
HIST 3613	American Colonial Period to 1750 (H)	
HIST 3623	Era of the American Revolution (H)	
HIST 3633	Early National Period, 1787-1828 (H)	
HIST 3643	Antebellum America, 1828-1850 (H)	
HIST 3653	Civil War and Reconstruction, 1850-1877	
HIST 3663	U.S History 1877-1919 (H)	
HIST 3673	United States History, 1919-45 (DH)	
HIST 3683	United States History Since 1945 (DH)	
HIST 3693	The Modern West (H)	
HIST 3703	Oklahoma History (DH)	
HIST 3713	Women in the American West (DH)	
HIST 3753	Trans-Mississippi West (DH)	
HIST 3763	American Southwest (DH)	
HIST 3773	Old South (S)	
HIST 3793	Native American History (DH)	
HIST 3803	History of Food (H)	
HIST 3853	History of the North American Borderlands (DH)	
HIST 4063	Historic Preservation	
HIST 4073	Digital Methods in History	
HIST 4153	African American History, 1619-1865 (DH)	
HIST 4163	African American History, 1865-Present (DH)	
HIST 4173	Black Intellectual History (DH)	
HIST 4253	U.S. Foreign Relations to 1945 (H)	
HIST 4273	U.S. Foreign Relations Since 1945 (H)	
HIST 4333	History of Sexuality in the United States (D)	
HIST 4353	American Military History (H)	
HIST 4453	History and Film (H)	
HIST 4463	American Cultural History to 1865 (H)	
HIST 4483	American Cultural History Since 1865 (H)	
HIST 4493	Frontier in American Memory (H)	
HIST 4503	American Urban History (H)	
HIST 4513	Economic History of the US (S)	

HIST 4523	American Environmental History (H)	
HIST 4543	Vietnam War (HI)	
HIST 4553	Gender in America (DH)	
HIST 4563	Cold War (HI)	
HIST 4593	America in International Perspective (H)	
<i>American Literary and Cultural Studies (3 hours must be upper-division)</i>		6
ENGL 2453	Introduction to Film and Television (H)	
ENGL 2773	Survey of American Literature I (H)	
ENGL 2883	Survey of American Literature II (DH)	
ENGL 3153	Readings in Literature by Women (DH)	
ENGL 3183	Native American Literature (DH)	
ENGL 3190	Readings in Postcolonial and Multiethnic Literature	
ENGL 3193	African-American Literature (DH)	
ENGL 3410	Popular Fiction	
ENGL 3433	Introduction to Television Studies (H)	
ENGL 3453	History of American Film (H)	
ENGL 3473	Race, Gender, and Ethnicity in American Film (D)	
ENGL 3503	Television and American Society (DH)	
ENGL 3813	Readings in the American Experience (DH)	
ENGL 4093	Language in America (DS)	
ENGL 4200	Studies in Early American Literature	
ENGL 4210	Studies in 19th Century American Literature	
ENGL 4220	Studies in 20th Century American Literature	
ENGL 4230	Literature of Diversity (DH)	
ENGL 4400	Studies in Regional Literature	
<i>Humanities and Interdisciplinary Studies</i>		6
AFAM 1113	Introduction to Africana Studies (DH)	
AMIS 2013	Introduction to American Indian Studies (D)	
AMIS 4013	American Indian Sovereignty (D)	
AMST 3503	Television and American Society (DH)	
AMST 3513	Film And American Society (H)	
AMST 3550	The Arts and American Society	
AMST 3673	History Of American Art (DH)	
AMST 3683	Introduction to Digital Humanities	
ART 3663	History of American Art (DH)	
ART 3683	History of 20th Century Art (HI)	
ART 4613	Art Since 1960	
ART 4763	Native American Art and Material Culture	
GEOG 3093	Historical Geography of North America to 1800 (H)	
GEOG 3213	Geographies of New Media (H)	
GEOG 4103	Historical Geography of North America since 1800 (H)	
GEOG 4223	Geography of Music (H)	
GWST 2123	Introduction to Gender Studies (DH)	
GWST 3513	Theorizing Sexualities (D)	
GWST 3613	Race and Reproduction in the U.S. (D)	
GWST 3713	Gender and Representation (D)	
GWST 4113	Feminist Theories	
GWST 4503	Theorizing Men and Masculinities	
MUSI 3573	America's Ethnic Music (DH)	
MUSI 3741	Survey of Rock and Roll I	
MUSI 3751	Survey of Rock and Roll II	
PHIL 2043	Philosophy of Film (H)	
PHIL 2053	Philosophy in Literature (H)	
PHIL 2513	Philosophy and Culture (H)	
PHIL 3413	Ethical Theory (H)	
PHIL 3513	Social Philosophy (H)	
PHIL 3613	Philosophy of Religion (H)	
PHIL 3623	Philosophy of Race (DH)	
PHIL 3633	MLK, Malcolm X, & Philosophy of Race (DH)	
PHIL 3773	Social Media Today (H)	
PHIL 3813	American Philosophy (H)	
PHIL 4113	Philosophy and the Arts (H)	
REL 4033	American Christianity through the Colonial Period (H)	
<i>Social Sciences</i>		6
AMST 3333	Crime, Law and American Culture (S)	
AMST 4103	The Death Penalty in America (S)	
ECON 3823	American Economy: The Past and Present (S)	
ECON 4913	Urban and Regional Economics	
GEOG 3123	Urban Geography (S)	
GEOG 3133	Political Geography (IS)	
GEOG 3163	Economic Geography (S)	
GEOG 3173	Cultural Geography (S)	
GEOG 3243	Legal Geography of Native America, Sovereign Tribal Nations, and Indian Country (DS)	
GEOG 3703	Geography Of Oklahoma (S)	
GEOG 3713	Exploring North America and Diversity (DS)	
GEOG 4113	Environment and Development	
GEOG 4143	Geography of Travel and Tourism	
GEOG 4213	Sport, Place and Society (S)	
GWST 2113	Transnational Women's Studies (S)	
POLS 2023	The Individual And The Law	
POLS 3353	Political Parties	
POLS 3423	Voting and Elections	
POLS 3443	Pol Campaigns And Candidacy	
POLS 3453	U.S. Congress	
POLS 3483	The American Presidency	
POLS 3493	Public Policy	
POLS 3513	Public Opinion and Polling	
POLS 3523	Money, Media And Politics	
POLS 3533	Lobbying: the Art of Influence and Manipulation	
POLS 3613	State and Local Government	
POLS 3683	Politics in Contemporary Film	
POLS 3953	Minorities in the American Political System (DS)	
POLS 3963	State Courts and the Bar	

POLS 3973	Race, Politics and Sports (D)	
POLS 3983	Courts and Judicial Process (S)	
POLS 4000	Advanced Topics in American Politics	
POLS 4013	American Foreign Policy	
POLS 4223	Social Movements	
POLS 4403	Urban Politics and Management	
POLS 4553	American Political Thought	
POLS 4573	Democratic Theory	
POLS 4623	Oklahoma Politics (S)	
POLS 4693	Gender and Politics	
POLS 4963	U.S. Constitution: Civil Rights and Civil Liberties	
POLS 4973	U.S. Constitution: Separation of Powers	
SOC 2123	Social Problems (DS)	
SOC 3133	Racial and Ethnic Relations (DS)	
SOC 3323	Collective Behavior and Social Movements	
SOC 3523	Juvenile Delinquency (DS)	
SOC 3713	Religion, Culture and Society	
SOC 3993	Sociology of Aging (DS)	
SOC 4043	Gender and Work (DS)	
SOC 4103	The Death Penalty in America (S)	
SOC 4213	Sociology of Sexualities (S)	
SOC 4333	Criminology (S)	
SOC 4383	Social Stratification (S)	
SOC 4433	Environmental Sociology (S)	
SOC 4453	Environmental Inequality (S)	
SOC 4463	Technology and Society	
SOC 4473	Oklahoma Environmental Sociology	
SOC 4643	Sociology of Gender (S)	
SOC 4723	Sociology of Families (S)	
<b>Business Essentials</b>		
ACCT 2003	Survey of Accounting	3
MGMT 3013	Fundamentals of Management (S)	3
MKTG 3213	Marketing (S)	3
3 hours from:		3
ECON 2003	Microeconomic Principles for Business	
EEE 2023	Introduction to Entrepreneurship	
LSB 3213	Legal and Regulatory Environment of Business	
MSIS 2103	Business Data Science Technologies	
<b>Hours Subtotal</b>		<b>51</b>
<b>Electives</b>		
May need to include 6 hours upper-division general education outside AMST, American History and American Literature. See note 2.c.		
7 hours of Electives		7
<b>Hours Subtotal</b>		<b>7</b>
<b>Total Hours</b>		<b>120</b>

## Other Requirements

- See the College of Arts and Sciences Requirements.
- **Upper-Division Credit:** Total hours must include at least 40 hours in courses numbered 3000 or above.

- **Hours in One Department:** For B.A. and B.S. degrees, no more than 54 hours in one department may be applied to degree requirements.

## College of Arts and Sciences Requirements

### 1. General Education Requirements

No more than two courses (or eight hours) from the major department (<http://catalog.okstate.edu/college-arts-sciences-major-departments/>) may be used to meet General Education and College and Departmental Requirements. The General Education required English Composition, required U.S. History, required American Government, one required MATH or STAT course, and required foreign language for B.A. degrees do not count against the two-course maximum.

### 2. A&S College/Departmental Requirements

- Arts and Humanities are defined as any course carrying an (H) designation or courses from AMST, ART, DANC, ENGL (except ENGL 3323 Technical Writing) HIST, MUSI, PHIL (except PHIL 1313 Logic and Critical Thinking (A), PHIL 3003 Symbolic Logic (A) and PHIL 4003 Mathematical Logic and Computability), REL, TH, and foreign languages.
- Natural and Mathematical Sciences are defined as any course from the following prefixes: ASTR, BIOC, BIOL, CHEM, CS (except CS 4883 Social Issues in Computing), GEOL, MATH, MICR, PBIO, PHYS, and STAT; or courses from other departments that carry an (A) or (N) general education designation.
- The required six hours of upper-division General Education may not include courses from the student's major department. This requirement may be satisfied by courses also used to satisfy any part of a student's degree program (i.e., in General Education, College Departmental Requirements, Major Requirements or Electives).
- Non-Western Studies Requirement for B.A. and B.F.A.; One 3-hour course in Non-Western Studies (N.W.). This requirement may be satisfied by courses also used to satisfy any part of a student's degree program (i.e., in General Education, College Departmental Requirements, Major Requirements or Electives).
- The College of Arts & Sciences requires a minimum 2.0 GPA in all major requirements and a minimum 2.0 GPA in all major-prefix courses applied to the degree.

### 3. Foreign Language Proficiency

- The foreign language requirement for the B.A. may be satisfied by 9 hours college credit in the same language, which must include 3 hours at the 2000-level, or equivalent proficiency (e.g., passing an advanced standing examination; TOEFL exam; presenting a high school transcript which demonstrates the high school was primarily conducted in a language other than English; etc.). Computer Science courses may not be used to satisfy this requirement. Currently Arabic and Mvskoke are not offered at the 2000-level at OSU.
- The foreign language requirement for the B.S., B.M. and B.F.A. may be satisfied by presenting a high school transcript which demonstrates two years of study of a single foreign language (passing grades at second-year level of study). It may also be satisfied by 6 hours college credit in the same language, which must include language courses 1713 and 1813, or equivalent proficiency (e.g., passing an advanced standing examination; TOEFL exam; presenting a high school transcript which demonstrates the high school was primarily conducted in



a language other than English; etc.). Computer Science courses may not be used to satisfy this requirement.

- c. In addition to a. and b., students pursuing teacher certification must meet novice-high foreign language proficiency by presenting a high school transcript which demonstrates two years of study of a single foreign language with no grade below B. Or, students may complete 3 hours college credit in a single language with no grade below C (or pass an advanced standing examination, College Level Examination Program (CLEP) exam, or Oral Proficiency Interview developed by the American Council on the Teaching of Foreign Languages, equivalent to 3 hours of college credit.) Or, students may meet the requirement by transfer of documentation of meeting the foreign language competency from one of the teacher education programs in the State of Oklahoma approved by the Oklahoma State Regents for Higher Education.

#### 4. Exclusions

- Courses used to satisfy the General Education English Composition, U.S. History, American Government, and Mathematics or Statistics requirements will not count toward the 54-hour maximum allowed from one department.
- Courses with ATHL or LEIS prefixes and leisure activity courses may not be used for degree credit.

## Additional State/OSU Requirements

- At least: 60 hours at a four-year institution; 30 hours completed at OSU; 15 of the final 30 or 50% of the upper-division hours in the major field completed at OSU.
- Limit of: one-half of major course requirements as transfer work; one-fourth of hours earned by correspondence; 8 transfer correspondence hours.
- Students will be held responsible for degree requirements in effect at the time of matriculation and any changes that are made, so long as these changes do not result in semester credit hours being added or do not delay graduation.
- Degrees that follow this plan must be completed by the end of Summer 2028.

## Example Plan of Study

### Finish in Four Plan of Study

The plan below is an **example** of how students can successfully complete degree requirements in four years. This suggested class schedule plan may be used as a guide and can be adjusted based on individual needs. Students are required to meet with an academic advisor prior to enrollment each semester to plan their class schedule, and students are ultimately responsible for completing all degree requirements.

Course	Title	Hours
<b>Freshman</b>		
<b>Fall</b>		
ENGL 1113	Composition I	3
AMST 2103	Introduction to American Studies (DH)	3
General Educations courses		9
<b>Hours</b>		<b>15</b>
<b>Spring</b>		
ENGL 1213	Composition II	3
General Education Courses		12
<b>Hours</b>		<b>15</b>

### Sophomore

<b>Fall</b>		
1713 First Semester Foreign Language		3
Major, College, and Elective courses		12
<b>Hours</b>		<b>15</b>
<b>Spring</b>		
1813 Second Semester Foreign Language		3
Major, College, and Elective courses		12
<b>Hours</b>		<b>15</b>
<b>Junior</b>		
<b>Fall</b>		
AMST 3223	Theories and Methods of American Studies	3
2000-level Foreign Language		3
College and Electives courses		9
<b>Hours</b>		<b>15</b>
<b>Spring</b>		
Major, College, and Elective courses		15
<b>Hours</b>		<b>15</b>
<b>Senior</b>		
<b>Fall</b>		
Major, College, and Elective courses		15
<b>Hours</b>		<b>15</b>
<b>Spring</b>		
AMST 4973	Senior Seminar in American Studies	3
Major, College, and Elective courses		12
<b>Hours</b>		<b>15</b>
<b>Total Hours</b>		<b>120</b>



# American Studies: Business Essentials, BS

## Degree Requirements

**Requirements for Students Matriculating in or before Academic Year 2022-2023.** Learn more about University Academic Regulation 3.1 (p. 943).

**Minimum Overall Grade Point Average: 2.00**

**Total Hours: 120**

Code	Title	Hours
<b>General Education Requirements</b>		
<i>English Composition</i>		
See Academic Regulation 3.5 (p. 944)		
ENGL 1113 or ENGL 1313	Composition I Critical Analysis and Writing I	3
Select one course from:		3
ENGL 1213	Composition II	
ENGL 1413	Critical Analysis and Writing II	
ENGL 3323	Technical Writing	
<i>American History &amp; Government</i>		
HIST 1103 or HIST 1483 or HIST 1493	Survey of American History American History to 1865 (H) American History Since 1865 (DH)	3
POLS 1113	American Government	3
<i>Analytical &amp; Quantitative Thought (A)</i>		
MATH 1483	Mathematical Functions and Their Uses (A) (or higher, excluding MATH 1493)	3
<i>Humanities (H)</i>		
Courses designated (H)		6
<i>Natural Sciences (N)</i>		
Must include one Laboratory Science (L) course.		
Courses designated (N)		6
<i>Social &amp; Behavioral Sciences (S)</i>		
Course designated (S)		3
Additional General Education		
Courses designated (A), (H), (N) or (S)		10
<b>Hours Subtotal</b>		<b>40</b>
<b>Diversity (D) &amp; International Dimension (I)</b>		
May be completed in any part of the degree plan.		
At least one Diversity (D) course.		
At least one International Dimension (I) course.		
<b>College/Departmental Requirements</b>		
First Year Seminar (Transfer students with 15 hours exempt.)		
		1
<i>Arts &amp; Humanities</i>		
(See note 2.a.)		3
<i>Natural &amp; Mathematical Sciences</i>		
(See note 2.b.)		9
<i>Foreign Languages</i>		
0-6 hours (See note 3.)		

### Upper-Division General Education

6 hours outside AMST, American History and American Literature

(See note 2.c.)

**Hours Subtotal** **13**

### Major Requirements

Minimum GPA 2.50. Minimum grade of "C" in all AMST upper-division courses.

No more than 9 hours in Major Requirements may be taken from 2000-level courses.

AMST 3223	Theories and Methods of American Studies	3
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AMST 4973	Senior Seminar in American Studies	3
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9 hours (6 hours must be upper-division): 9

AMST courses other than AMST 3223 and AMST 4973 and courses listed in the following four categories:

*American History (3 hours must be upper-division):* 6

HIST 2333	American Thought and Culture: Survey (H)	
HIST 2343	Religion in America (DH)	
HIST 3133	African Diaspora History (DH)	
HIST 3613	American Colonial Period to 1750 (H)	
HIST 3623	Era of the American Revolution (H)	
HIST 3633	Early National Period, 1787-1828 (H)	
HIST 3643	Antebellum America, 1828-1850 (H)	
HIST 3653	Civil War and Reconstruction, 1850-1877	
HIST 3663	U.S History 1877-1919 (H)	
HIST 3673	United States History, 1919-45 (DH)	
HIST 3683	United States History Since 1945 (DH)	
HIST 3693	The Modern West (H)	
HIST 3703	Oklahoma History (DH)	
HIST 3713	Women in the American West (DH)	
HIST 3753	Trans-Mississippi West (DH)	
HIST 3763	American Southwest (DH)	
HIST 3773	Old South (S)	
HIST 3793	Native American History (DH)	
HIST 3803	History of Food (H)	
HIST 3853	History of the North American Borderlands (DH)	
HIST 4063	Historic Preservation	
HIST 4073	Digital Methods in History	
HIST 4153	African American History, 1619-1865 (DH)	
HIST 4163	African American History, 1865-Present (DH)	
HIST 4173	Black Intellectual History (DH)	
HIST 4253	U.S. Foreign Relations to 1945 (H)	
HIST 4273	U.S. Foreign Relations Since 1945 (H)	
HIST 4333	History of Sexuality in the United States (D)	
HIST 4353	American Military History (H)	
HIST 4453	History and Film (H)	
HIST 4463	American Cultural History to 1865 (H)	
HIST 4483	American Cultural History Since 1865 (H)	
HIST 4493	Frontier in American Memory (H)	
HIST 4503	American Urban History (H)	
HIST 4513	Economic History of the US (S)	
HIST 4523	American Environmental History (H)	

HIST 4543	Vietnam War (HI)		
HIST 4553	Gender in America (DH)		
HIST 4563	Cold War (HI)		
HIST 4593	America in International Perspective (H)		
<i>American Literary and Cultural Studies (3 hours must be upper-division):</i>		6	
ENGL 2453	Introduction to Film and Television (H)		
ENGL 2773	Survey of American Literature I (H)		
ENGL 2883	Survey of American Literature II (DH)		
ENGL 3153	Readings in Literature by Women (DH)		
ENGL 3183	Native American Literature (DH)		
ENGL 3190	Readings in Postcolonial and Multiethnic Literature		
ENGL 3193	African-American Literature (DH)		
ENGL 3410	Popular Fiction		
ENGL 3433	Introduction to Television Studies (H)		
ENGL 3453	History of American Film (H)		
ENGL 3473	Race, Gender, and Ethnicity in American Film (D)		
ENGL 3503	Television and American Society (DH)		
ENGL 3813	Readings in the American Experience (DH)		
ENGL 4093	Language in America (DS)		
ENGL 4200	Studies in Early American Literature		
ENGL 4210	Studies in 19th Century American Literature		
ENGL 4220	Studies in 20th Century American Literature		
ENGL 4230	Literature of Diversity (DH)		
ENGL 4400	Studies in Regional Literature		
<i>Humanities and Interdisciplinary Studies:</i>		6	
AFAM 1113	Introduction to Africana Studies (DH)		
AMIS 2013	Introduction to American Indian Studies (D)		
AMIS 4013	American Indian Sovereignty (D)		
AMST 3503	Television and American Society (DH)		
AMST 3513	Film And American Society (H)		
AMST 3550	The Arts and American Society		
AMST 3673	History Of American Art (DH)		
AMST 3683	Introduction to Digital Humanities		
ART 3663	History of American Art (DH)		
ART 3683	History of 20th Century Art (HI)		
ART 4613	Art Since 1960		
ART 4763	Native American Art and Material Culture		
GEOG 3093	Historical Geography of North America to 1800 (H)		
GEOG 3213	Geographies of New Media (H)		
GEOG 4103	Historical Geography of North America since 1800 (H)		
GEOG 4223	Geography of Music (H)		
GWST 2123	Introduction to Gender Studies (DH)		
GWST 3513	Theorizing Sexualities (D)		
GWST 3613	Race and Reproduction in the U.S. (D)		
GWST 3713	Gender and Representation (D)		
GWST 4113	Feminist Theories		
GWST 4503	Theorizing Men and Masculinities		
MUSI 3573	America's Ethnic Music (DH)		
MUSI 3741	Survey of Rock and Roll I		
MUSI 3751	Survey of Rock and Roll II		
PHIL 2043	Philosophy of Film (H)		
PHIL 2053	Philosophy in Literature (H)		
PHIL 2513	Philosophy and Culture (H)		
PHIL 3413	Ethical Theory (H)		
PHIL 3513	Social Philosophy (H)		
PHIL 3613	Philosophy of Religion (H)		
PHIL 3623	Philosophy of Race (DH)		
PHIL 3633	MLK, Malcolm X, & Philosophy of Race (DH)		
PHIL 3773	Social Media Today (H)		
PHIL 3813	American Philosophy (H)		
PHIL 3843	Philosophy of Law (H)		
PHIL 3853	Pragmatism (H)		
PHIL 4113	Philosophy and the Arts (H)		
REL 4033	American Christianity through the Colonial Period (H)		
<i>Social Sciences:</i>		6	
AMST 3333	Crime, Law and American Culture (S)		
AMST 4103	The Death Penalty in America (S)		
ECON 3823	American Economy: The Past and Present (S)		
ECON 4913	Urban and Regional Economics		
GEOG 3123	Urban Geography (S)		
GEOG 3133	Political Geography (IS)		
GEOG 3163	Economic Geography (S)		
GEOG 3173	Cultural Geography (S)		
GEOG 3243	Legal Geography of Native America, Sovereign Tribal Nations, and Indian Country (DS)		
GEOG 3703	Geography Of Oklahoma (S)		
GEOG 3713	Exploring North America and Diversity (DS)		
GEOG 4113	Environment and Development		
GEOG 4143	Geography of Travel and Tourism		
GEOG 4213	Sport, Place and Society (S)		
GWST 2113	Transnational Women's Studies (S)		
POLS 2023	The Individual And The Law		
POLS 3353	Political Parties		
POLS 3423	Voting and Elections		
POLS 3443	Pol Campaigns And Candidacy		
POLS 3453	U.S. Congress		
POLS 3483	The American Presidency		
POLS 3493	Public Policy		
POLS 3513	Public Opinion and Polling		
POLS 3523	Money, Media And Politics		
POLS 3533	Lobbying: the Art of Influence and Manipulation		
POLS 3613	State and Local Government		
POLS 3663	Introduction to Political Thought		
POLS 3683	Politics in Contemporary Film		

POLS 3953	Minorities in the American Political System (DS)	
POLS 3963	State Courts and the Bar	
POLS 3973	Race, Politics and Sports (D)	
POLS 3983	Courts and Judicial Process (S)	
POLS 4000	Advanced Topics in American Politics	
POLS 4013	American Foreign Policy	
POLS 4223	Social Movements	
POLS 4403	Urban Politics and Management	
POLS 4553	American Political Thought	
POLS 4573	Democratic Theory	
POLS 4623	Oklahoma Politics (S)	
POLS 4693	Gender and Politics	
POLS 4963	U.S. Constitution: Civil Rights and Civil Liberties	
POLS 4973	U.S. Constitution: Separation of Powers	
SOC 2123	Social Problems (DS)	
SOC 3133	Racial and Ethnic Relations (DS)	
SOC 3323	Collective Behavior and Social Movements	
SOC 3523	Juvenile Delinquency (DS)	
SOC 3713	Religion, Culture and Society	
SOC 3993	Sociology of Aging (DS)	
SOC 4103	The Death Penalty in America (S)	
SOC 4043	Gender and Work (DS)	
SOC 4213	Sociology of Sexualities (S)	
SOC 4333	Criminology (S)	
SOC 4383	Social Stratification (S)	
SOC 4433	Environmental Sociology (S)	
SOC 4453	Environmental Inequality (S)	
SOC 4463	Technology and Society	
SOC 4473	Oklahoma Environmental Sociology	
SOC 4643	Sociology of Gender (S)	
SOC 4723	Sociology of Families (S)	
<b>Business Essentials:</b>		
ACCT 2003	Survey of Accounting	3
MGMT 3013	Fundamentals of Management (S)	3
MKTG 3213	Marketing (S)	3
3 hours from:		3
ECON 2003	Microeconomic Principles for Business	
EEE 2023	Introduction to Entrepreneurship	
LSB 3213	Legal and Regulatory Environment of Business	
MSIS 2103	Business Data Science Technologies	
<b>Hours Subtotal</b>		<b>51</b>
<b>Electives</b>		
16 hours of Electives		16
May need to include 6 hours of a foreign language. See note 3.		
May need to include 6 hours upper-division general education outside AMST, American History and American Literature (see note 2.c.) and 1 additional upper-division hour		
<b>Hours Subtotal</b>		<b>16</b>
<b>Total Hours</b>		<b>120</b>

## Other Requirements

- See the College of Arts and Sciences Requirements.
- **Upper-Division Credit:** Total hours must include at least 40 hours in courses numbered 3000 or above.
- **Hours in One Department:** For B.A. and B.S. degrees, no more than 54 hours in one department may be applied to degree requirements.

## College of Arts and Sciences Requirements

### 1. General Education Requirements

No more than two courses (or eight hours) from the major department (<http://catalog.okstate.edu/college-arts-sciences-major-departments/>) may be used to meet General Education and College and Departmental Requirements. The General Education required English Composition, required U.S. History, required American Government, one required MATH or STAT course, and required foreign language for B.A. degrees do not count against the two-course maximum.

### 2. A&S College/Departmental Requirements

- Arts and Humanities are defined as any course carrying an (H) designation or courses from AMST, ART, DANC, ENGL (except ENGL 3323 Technical Writing) HIST, MUSI, PHIL (except PHIL 1313 Logic and Critical Thinking (A), PHIL 3003 Symbolic Logic (A) and PHIL 4003 Mathematical Logic and Computability), REL, TH, and foreign languages.
- Natural and Mathematical Sciences are defined as any course from the following prefixes: ASTR, BIOC, BIOL, CHEM, CS (except CS 4883 Social Issues in Computing), GEOL, MATH, MICR, PBIO, PHYS, and STAT; or courses from other departments that carry an (A) or (N) general education designation.
- The required six hours of upper-division General Education may not include courses from the student's major department. This requirement may be satisfied by courses also used to satisfy any part of a student's degree program (i.e., in General Education, College Departmental Requirements, Major Requirements or Electives).
- Non-Western Studies Requirement for B.A. and B.F.A.; One 3-hour course in Non-Western Studies (N.W.). This requirement may be satisfied by courses also used to satisfy any part of a student's degree program (i.e., in General Education, College Departmental Requirements, Major Requirements or Electives).
- The College of Arts & Sciences requires a minimum 2.0 GPA in all major requirements and a minimum 2.0 GPA in all major-prefix courses applied to the degree.

### 3. Foreign Language Proficiency

- The foreign language requirement for the B.A. may be satisfied by 9 hours college credit in the same language, which must include 3 hours at the 2000-level, or equivalent proficiency (e.g., passing an advanced standing examination; TOEFL exam; presenting a high school transcript which demonstrates the high school was primarily conducted in a language other than English; etc.). Computer Science courses may not be used to satisfy this requirement. Currently Arabic and Mvskoke are not offered at the 2000-level at OSU.
- The foreign language requirement for the B.S., B.M. and B.F.A. may be satisfied by presenting a high school transcript which demonstrates two years of study of a single foreign language (passing grades at second-year level of study). It may also

be satisfied by 6 hours college credit in the same language, which must include language courses 1713 and 1813, or equivalent proficiency (e.g., passing an advanced standing examination; TOEFL exam; presenting a high school transcript which demonstrates the high school was primarily conducted in a language other than English; etc.). Computer Science courses may not be used to satisfy this requirement.

- c. In addition to a. and b., students pursuing teacher certification must meet novice-high foreign language proficiency by presenting a high school transcript which demonstrates two years of study of a single foreign language with no grade below B. Or, students may complete 3 hours college credit in a single language with no grade below C (or pass an advanced standing examination, College Level Examination Program (CLEP) exam, or Oral Proficiency Interview developed by the American Council on the Teaching of Foreign Languages, equivalent to 3 hours of college credit.) Or, students may meet the requirement by transfer of documentation of meeting the foreign language competency from one of the teacher education programs in the State of Oklahoma approved by the Oklahoma State Regents for Higher Education.

#### 4. Exclusions

- Courses used to satisfy the General Education English Composition, U.S. History, American Government, and Mathematics or Statistics requirements will not count toward the 54-hour maximum allowed from one department.
- Courses with ATHL or LEIS prefixes and leisure activity courses may not be used for degree credit.

<b>Spring</b>		
ENGL 1213	Composition II	3
General Education Courses		12
<b>Hours</b>		<b>15</b>
<b>Sophomore</b>		
<b>Fall</b>		
Major, College, and Elective courses		15
<b>Hours</b>		<b>15</b>
<b>Spring</b>		
Major, College, and Elective courses		15
<b>Hours</b>		<b>15</b>
<b>Junior</b>		
<b>Fall</b>		
AMST 3223	Theories and Methods of American Studies	3
Major, College, and Elective courses		12
<b>Hours</b>		<b>15</b>
<b>Spring</b>		
Major, College, and Elective courses		15
<b>Hours</b>		<b>15</b>
<b>Senior</b>		
<b>Fall</b>		
Major, College, and Elective courses		15
<b>Hours</b>		<b>15</b>
<b>Spring</b>		
AMST 4973	Senior Seminar in American Studies	3
Major, College, and Elective courses		12
<b>Hours</b>		<b>15</b>
<b>Total Hours</b>		<b>120</b>

## Additional State/OSU Requirements

- At least: 60 hours at a four-year institution; 30 hours completed at OSU; 15 of the final 30 or 50% of the upper-division hours in the major field completed at OSU.
- Limit of: one-half of major course requirements as transfer work; one-fourth of hours earned by correspondence; 8 transfer correspondence hours.
- Students will be held responsible for degree requirements in effect at the time of matriculation and any changes that are made, so long as these changes do not result in semester credit hours being added or do not delay graduation.
- Degrees that follow this plan must be completed by the end of Summer 2028.

## Example Plan of Study

### Finish in Four Plan of Study

The plan below is an **example** of how students can successfully complete degree requirements in four years. This suggested class schedule plan may be used as a guide and can be adjusted based on individual needs. Students are required to meet with an academic advisor prior to enrollment each semester to plan their class schedule, and students are ultimately responsible for completing all degree requirements.

Course	Title	Hours
<b>Freshman</b>		
<b>Fall</b>		
ENGL 1113	Composition I	3
AMST 2103	Introduction to American Studies (DH)	3
General Educations courses		9
<b>Hours</b>		<b>15</b>

# American Studies: Pre-Law, BA

## Degree Requirements

**Requirements for Students Matriculating in or before Academic Year 2022-2023.** Learn more about University Academic Regulation 3.1 (p. 943).

**Minimum Overall Grade Point Average:** 2.00

**Total Hours:** 120

Code	Title	Hours
<b>General Education Requirements</b>		
<i>English Composition</i>		
See Academic Regulation 3.5 (p. 944)		
ENGL 1113 or ENGL 1313	Composition I Critical Analysis and Writing I	3
Select one of the following:		3
ENGL 1213	Composition II	
ENGL 1413	Critical Analysis and Writing II	
ENGL 3323	Technical Writing	
<i>American History &amp; Government</i>		
HIST 1103 or HIST 1483 or HIST 1493	Survey of American History American History to 1865 (H) American History Since 1865 (DH)	3
POLS 1113	American Government	3
<i>Analytical &amp; Quantitative Thought (A)</i>		
MATH or STAT course designated (A)		3
<i>Humanities (H)</i>		
Courses designated (H)		6
<i>Natural Sciences (N)</i>		
Must include one Laboratory Science (L) course		
Courses designated (N)		6
<i>Social &amp; Behavioral Sciences (S)</i>		
SPCH 2713	Introduction to Speech Communication (S)	3
<i>Additional General Education</i>		
Courses designated (A), (H), (N), or (S)		10
<b>Hours Subtotal</b>		<b>40</b>
<b>Diversity (D) &amp; International Dimension (I)</b>		
May be completed in any part of the degree plan		
Select at least one Diversity (D) course		
Select at least one International Dimension (I) course		
<b>College/Departmental Requirements</b>		
<i>First Year Seminar</i>		
(Transfer students with 15 hours exempt)		1
<i>Arts &amp; Humanities</i>		
See note 2.a.		9
<i>Natural &amp; Mathematical Sciences</i>		
PHIL 1313	Logic and Critical Thinking (A)	3
<i>Foreign Language</i>		
See note 3		9
<i>Non-Western Studies</i>		
Select at least one course		
See note 2.d.		

### Upper-Division General Education

Select 6 hours outside major department

See note 2.c.

**Hours Subtotal** **22**

### Major Requirements

Minimum GPA 2.50. Minimum grade of "C" in all AMST upper-division courses

No more than 9 hours in Major Requirements may be taken from 2000 level courses

AMST 3223	Theories and Methods of American Studies	3
AMST 4973	Senior Seminar in American Studies	3

### American Studies

Select 9 hours (6 hours must be upper division) of additional AMST courses other than AMST 3223 and AMST 4973; and courses listed in the following three categories.

### American History

Select 6 hours (3 hours must be upper division) of the following: 6

HIST 2333	American Thought and Culture: Survey (H)	
HIST 2343	Religion in America (DH)	
HIST 3133	African Diaspora History (DH)	
HIST 3613	American Colonial Period to 1750 (H)	
HIST 3623	Era of the American Revolution (H)	
HIST 3633	Early National Period, 1787-1828 (H)	
HIST 3643	Antebellum America, 1828-1850 (H)	
HIST 3653	Civil War and Reconstruction, 1850-1877	
HIST 3663	U.S History 1877-1919 (H)	
HIST 3673	United States History, 1919-45 (DH)	
HIST 3683	United States History Since 1945 (DH)	
HIST 3693	The Modern West (H)	
HIST 3703	Oklahoma History (DH)	
HIST 3713	Women in the American West (DH)	
HIST 3753	Trans-Mississippi West (DH)	
HIST 3763	American Southwest (DH)	
HIST 3773	Old South (S)	
HIST 3793	Native American History (DH)	
HIST 3803	History of Food (H)	
HIST 3853	History of the North American Borderlands (DH)	
HIST 4063	Historic Preservation	
HIST 4073	Digital Methods in History	
HIST 4153	African American History, 1619-1865 (DH)	
HIST 4163	African American History, 1865-Present (DH)	
HIST 4173	Black Intellectual History (DH)	
HIST 4253	U.S. Foreign Relations to 1945 (H)	
HIST 4273	U.S. Foreign Relations Since 1945 (H)	
HIST 4333	History of Sexuality in the United States (D)	
HIST 4353	American Military History (H)	
HIST 4363	US History through Popular and Unpopular Music (DH)	
HIST 4453	History and Film (H)	
HIST 4463	American Cultural History to 1865 (H)	
HIST 4483	American Cultural History Since 1865 (H)	



HIST 4493	Frontier in American Memory (H)
HIST 4503	American Urban History (H)
HIST 4513	Economic History of the US (S)
HIST 4523	American Environmental History (H)
HIST 4543	Vietnam War (HI)
HIST 4553	Gender in America (DH)
HIST 4563	Cold War (HI)
HIST 4593	America in International Perspective (H)

*American Literary and Cultural Studies*

Select 6 hours (3 hours must be upper-division) of the following: 6

ENGL 2453	Introduction to Film and Television (H)
ENGL 2773	Survey of American Literature I (H)
ENGL 2883	Survey of American Literature II (DH)
ENGL 3153	Readings in Literature by Women (DH)
ENGL 3183	Native American Literature (DH)
ENGL 3190	Readings in Postcolonial and Multiethnic Literature
ENGL 3193	African-American Literature (DH)
ENGL 3410	Popular Fiction
ENGL 3453	History of American Film (H)
ENGL 3473	Race, Gender, and Ethnicity in American Film (D)
ENGL 3503	Television and American Society (DH)
ENGL 3813	Readings in the American Experience (DH)
ENGL 4093	Language in America (DS)
ENGL 4200	Studies in Early American Literature
ENGL 4210	Studies in 19th Century American Literature
ENGL 4220	Studies in 20th Century American Literature
ENGL 4230	Literature of Diversity (DH)
ENGL 4333	Studies in Native American Literature
ENGL 4400	Studies in Regional Literature

*Legal Emphasis*

Select 12 hours upper division of the following: 12

AMIS 4013	American Indian Sovereignty (D)
AMST 3333	Crime, Law and American Culture (S)
AMST 4103	The Death Penalty in America (S)
GEOG 3133	Political Geography (IS)
PHIL 3513	Social Philosophy (H)
PHIL 3843	Philosophy of Law (H)
POLS 3983	Courts and Judicial Process (S)
POLS 3993	Legal Research And Analysis
POLS 3523	Money, Media And Politics
POLS 3963	State Courts and the Bar
POLS 4353	Administrative Law
POLS 4363	Environmental Law And Policy
POLS 4593	Natural Resources and Environmental Policy
POLS 4963	U.S. Constitution: Civil Rights and Civil Liberties
POLS 4973	U.S. Constitution: Separation of Powers
POLS 4980	Advanced Topics in Public Law

PSYC 4293	Forensic Psychology
SOC 3523	Juvenile Delinquency (DS)
SOC 4103	The Death Penalty in America (S)
SOC 4313	Sociology of Law
SOC 4333	Criminology (S)
SOC 4743	Criminalistics: Introduction to Forensic Sciences
SPCH 3733	Elements of Persuasion (S)
SPCH 4793	Nonverbal Communication (S)

Select 9 hours of upper-division courses 9

**Hours Subtotal** 48**Electives** 10

May need to include 6 hours upper-division general education outside major department (see note 2.c.) and 1 additional upper-division hour.

Recommend ECON 2103 and POLS 2023

**Hours Subtotal** 10**Total Hours** 120

## Other Requirements

- See the College of Arts and Sciences Requirements
- **Upper-Division Credit:** Total hours must include at least 40 hours in courses numbered 3000 or above.
- **Hours in One Department:** For B.A. and B.S. degrees, no more than 54 hours in one department may be applied to degree requirements.

## College of Arts and Sciences Requirements

### 1. General Education Requirements

No more than two courses (or eight hours) from the major department (<http://catalog.okstate.edu/college-arts-sciences-major-departments/>) may be used to meet General Education and College and Departmental Requirements. The General Education required English Composition, required U.S. History, required American Government, one required MATH or STAT course, and required foreign language for B.A. degrees do not count against the two-course maximum.

### 2. A&S College/Departmental Requirements

- Arts and Humanities are defined as any course carrying an (H) designation or courses from AMST, ART, DANC, ENGL (except ENGL 3323 Technical Writing) HIST, MUSI, PHIL (except PHIL 1313 Logic and Critical Thinking (A), PHIL 3003 Symbolic Logic (A) and PHIL 4003 Mathematical Logic and Computability), REL, TH, and foreign languages.
- Natural and Mathematical Sciences are defined as any course from the following prefixes: ASTR, BIOC, BIOL, CHEM, CS (except CS 4883 Social Issues in Computing), GEOL, MATH, MICR, PBIO, PHYS, and STAT; or courses from other departments that carry an (A) or (N) general education designation.
- The required six hours of upper-division General Education may not include courses from the student's major department. This requirement may be satisfied by courses also used to satisfy any part of a student's degree program (i.e., in General Education, College Departmental Requirements, Major Requirements or Electives).



- d. Non-Western Studies Requirement for B.A. and B.F.A.; One 3-hour course in Non-Western Studies (N.W.). This requirement may be satisfied by courses also used to satisfy any part of a student's degree program (i.e., in General Education, College Departmental Requirements, Major Requirements or Electives).
- e. The College of Arts & Sciences requires a minimum 2.0 GPA in all major requirements and a minimum 2.0 GPA in all major-prefix courses applied to the degree.

**3. Foreign Language Proficiency**

- a. The foreign language requirement for the B.A. may be satisfied by 9 hours college credit in the same language, which must include 3 hours at the 2000-level, or equivalent proficiency (e.g., passing an advanced standing examination; TOEFL exam; presenting a high school transcript which demonstrates the high school was primarily conducted in a language other than English; etc.). Computer Science courses may not be used to satisfy this requirement. Currently Arabic and Mvskoke are not offered at the 2000-level at OSU.
- b. The foreign language requirement for the B.S., B.M. and B.F.A. may be satisfied by presenting a high school transcript which demonstrates two years of study of a single foreign language (passing grades at second-year level of study). It may also be satisfied by 6 hours college credit in the same language, which must include language courses 1713 and 1813, or equivalent proficiency (e.g., passing an advanced standing examination; TOEFL exam; presenting a high school transcript which demonstrates the high school was primarily conducted in a language other than English; etc.). Computer Science courses may not be used to satisfy this requirement.
- c. In addition to a. and b., students pursuing teacher certification must meet novice-high foreign language proficiency by presenting a high school transcript which demonstrates two years of study of a single foreign language with no grade below B. Or, students may complete 3 hours college credit in a single language with no grade below C (or pass an advanced standing examination, College Level Examination Program (CLEP) exam, or Oral Proficiency Interview developed by the American Council on the Teaching of Foreign Languages, equivalent to 3 hours of college credit.) Or, students may meet the requirement by transfer of documentation of meeting the foreign language competency from one of the teacher education programs in the State of Oklahoma approved by the Oklahoma State Regents for Higher Education.

**4. Exclusions**

- a. Courses used to satisfy the General Education English Composition, U.S. History, American Government, and Mathematics or Statistics requirements will not count toward the 54-hour maximum allowed from one department.
- b. Courses with ATHL or LEIS prefixes and leisure activity courses may not be used for degree credit.

these changes do not result in semester credit hours being added or do not delay graduation.

- Degrees that follow this plan must be completed by the end of Summer 2028.

## Example Plan of Study

### Finish in Four Plan of Study

The plan below is an **example** of how students can successfully complete degree requirements in four years. This suggested class schedule plan may be used as a guide and can be adjusted based on individual needs. Students are required to meet with an academic advisor prior to enrollment each semester to plan their class schedule, and students are ultimately responsible for completing all degree requirements.

Course	Title	Hours
<b>Freshman</b>		
<b>Fall</b>		
ENGL 1113	Composition I	3
AMST 2103	Introduction to American Studies (DH)	3
General Educations courses		9
<b>Hours</b>		<b>15</b>
<b>Spring</b>		
ENGL 1213	Composition II	3
General Education Courses		12
<b>Hours</b>		<b>15</b>
<b>Sophomore</b>		
<b>Fall</b>		
PHIL 1313	Logic and Critical Thinking (A)	3
1713 First Semester Foreign Language		3
Major, College, and Elective courses		9
<b>Hours</b>		<b>15</b>
<b>Spring</b>		
1813 Second Semester Foreign Language		3
Major, College, and Elective courses		12
<b>Hours</b>		<b>15</b>
<b>Junior</b>		
<b>Fall</b>		
AMST 3223	Theories and Methods of American Studies	3
2000-level Foreign Language		3
Major, College, and Elective courses		9
<b>Hours</b>		<b>15</b>
<b>Spring</b>		
American Indian Studies courses		6
College and Electives courses		9
<b>Hours</b>		<b>15</b>
<b>Senior</b>		
<b>Fall</b>		
Major, College, and Elective courses		15
<b>Hours</b>		<b>15</b>
<b>Spring</b>		
AMST 4973	Senior Seminar in American Studies	3
Major, College, and Elective courses		12
<b>Hours</b>		<b>15</b>
<b>Total Hours</b>		<b>120</b>

## Additional State/OSU Requirements

- At least: 60 hours at a four-year institution; 30 hours completed at OSU; 15 of the final 30 or 50% of the upper-division hours in the major field completed at OSU.
- Limit of: one-half of major course requirements as transfer work; one-fourth of hours earned by correspondence; 8 transfer correspondence hours.
- Students will be held responsible for degree requirements in effect at the time of matriculation and any changes that are made, so long as

# American Studies: Pre-Law, BS

## Degree Requirements

**Requirements for Students Matriculating in or before Academic Year 2022-2023.** Learn more about University Academic Regulation 3.1 (p. 943).

**Minimum Overall Grade Point Average:** 2.00

**Total Hours:** 120

Code	Title	Hours
<b>General Education Requirements</b>		
<i>English Composition</i>		
See Academic Regulation 3.5 (p. 944)		
ENGL 1113	Composition I	3
or ENGL 1313	Critical Analysis and Writing I	
Select one of the following:		3
ENGL 1213	Composition II	
ENGL 1413	Critical Analysis and Writing II	
ENGL 3323	Technical Writing	
<i>American History &amp; Government</i>		
HIST 1103	Survey of American History	3
or HIST 1483	American History to 1865 (H)	
or HIST 1493	American History Since 1865 (DH)	
POLS 1113	American Government	3
<i>Analytical &amp; Quantitative Thought (A)</i>		
MATH or STAT course designated (A)		3
<i>Humanities (H)</i>		
Courses designated (H)		6
<i>Natural Sciences (N)</i>		
Must include one Laboratory Science (L) course		
Courses designated (N)		6
<i>Social &amp; Behavioral Sciences (S)</i>		
SPCH 2713	Introduction to Speech Communication (S)	3
<i>Additional General Education</i>		
Courses designated (A), (H), (N), or (S)		10
<b>Hours Subtotal</b>		<b>40</b>
<b>Diversity (D) &amp; International Dimension (I)</b>		
May be completed in any part of the degree plan.		
At least one Diversity (D) course.		
At least one International Dimension (I) course.		
<b>College/Departmental Requirements</b>		
<i>First Year Seminar</i>		
(Transfer students with 15 hours exempt)		1
<i>Arts &amp; Humanities</i>		
See note 2.a.		3
<i>Natural &amp; Mathematical Sciences</i>		
PHIL 1313	Logic and Critical Thinking (A)	3
See note 2.b.		6
<i>Foreign Languages</i>		
See note 3.		
0-6 hours		
<i>Upper-Division General Education</i>		

Select 6 hours outside AMST, American History and American Literature

See note 2.c.

**Hours Subtotal** **13**

### Major Requirements

Minimum GPA 2.50. Minimum grade of "C" in all AMST upper-division courses. No more than 9 hours in Major Requirements may be taken from 2000 level courses.

AMST 3223	Theories and Methods of American Studies	3
AMST 4973	Senior Seminar in American Studies	3

#### *American Studies*

Select 9 hours (6 hours must be upper division) of additional AMST courses other than AMST 3223 and AMST 4973 and courses listed in the following four categories.

#### *American History*

Select 6 hours from the following (3 hours must be upper-division):

HIST 2333	American Thought and Culture: Survey (H)	
HIST 2343	Religion in America (DH)	
HIST 3133	African Diaspora History (DH)	
HIST 3613	American Colonial Period to 1750 (H)	
HIST 3623	Era of the American Revolution (H)	
HIST 3633	Early National Period, 1787-1828 (H)	
HIST 3643	Antebellum America, 1828-1850 (H)	
HIST 3653	Civil War and Reconstruction, 1850-1877	
HIST 3663	U.S History 1877-1919 (H)	
HIST 3673	United States History, 1919-45 (DH)	
HIST 3683	United States History Since 1945 (DH)	
HIST 3693	The Modern West (H)	
HIST 3703	Oklahoma History (DH)	
HIST 3713	Women in the American West (DH)	
HIST 3753	Trans-Mississippi West (DH)	
HIST 3763	American Southwest (DH)	
HIST 3773	Old South (S)	
HIST 3793	Native American History (DH)	
HIST 3803	History of Food (H)	
HIST 3853	History of the North American Borderlands (DH)	
HIST 4063	Historic Preservation	
HIST 4073	Digital Methods in History	
HIST 4153	African American History, 1619-1865 (DH)	
HIST 4163	African American History, 1865-Present (DH)	
HIST 4173	Black Intellectual History (DH)	
HIST 4253	U.S. Foreign Relations to 1945 (H)	
HIST 4273	U.S. Foreign Relations Since 1945 (H)	
HIST 4333	History of Sexuality in the United States (D)	
HIST 4353	American Military History (H)	
HIST 4363	US History through Popular and Unpopular Music (DH)	
HIST 4453	History and Film (H)	
HIST 4463	American Cultural History to 1865 (H)	
HIST 4483	American Cultural History Since 1865 (H)	

HIST 4493	Frontier in American Memory (H)
HIST 4503	American Urban History (H)
HIST 4513	Economic History of the US (S)
HIST 4523	American Environmental History (H)
HIST 4543	Vietnam War (HI)
HIST 4553	Gender in America (DH)
HIST 4563	Cold War (HI)
HIST 4593	America in International Perspective (H)
<i>American Literary and Cultural Studies</i>	
Select 6 hours from the following (3 hours must be upper-division):	6
ENGL 2453	Introduction to Film and Television (H)
ENGL 2773	Survey of American Literature I (H)
ENGL 2883	Survey of American Literature II (DH)
ENGL 3153	Readings in Literature by Women (DH)
ENGL 3183	Native American Literature (DH)
ENGL 3190	Readings in Postcolonial and Multiethnic Literature
ENGL 3193	African-American Literature (DH)
ENGL 3410	Popular Fiction
ENGL 3453	History of American Film (H)
ENGL 3473	Race, Gender, and Ethnicity in American Film (D)
ENGL 3503	Television and American Society (DH)
ENGL 3813	Readings in the American Experience (DH)
ENGL 4093	Language in America (DS)
ENGL 4200	Studies in Early American Literature
ENGL 4210	Studies in 19th Century American Literature
ENGL 4220	Studies in 20th Century American Literature
ENGL 4230	Literature of Diversity (DH)
ENGL 4333	Studies in Native American Literature
ENGL 4400	Studies in Regional Literature
<i>Legal Emphasis</i>	
Select 12 hours (upper-division) from the following:	12
AMIS 4013	American Indian Sovereignty (D)
AMST 3333	Crime, Law and American Culture (S)
AMST 4103	The Death Penalty in America (S)
GEOG 3133	Political Geography (IS)
PHIL 3513	Social Philosophy (H)
PHIL 3843	Philosophy of Law (H)
POLS 3523	Money, Media And Politics
POLS 3963	State Courts and the Bar
POLS 3983	Courts and Judicial Process (S)
POLS 3993	Legal Research And Analysis
POLS 4353	Administrative Law
POLS 4363	Environmental Law And Policy
POLS 4593	Natural Resources and Environmental Policy
POLS 4963	U.S. Constitution: Civil Rights and Civil Liberties
POLS 4973	U.S. Constitution: Separation of Powers

POLS 4980	Advanced Topics in Public Law
PSYC 4293	Forensic Psychology
SOC 3523	Juvenile Delinquency (DS)
SOC 4313	Sociology of Law
SOC 4333	Criminology (S)
SOC 4743	Criminalistics: Introduction to Forensic Sciences
SOC 4103	The Death Penalty in America (S)
SPCH 3733	Elements of Persuasion (S)
SPCH 4793	Nonverbal Communication (S)
9 hours of upper-division courses	9
<b>Subtotal Hours</b>	<b>48</b>
<b>Electives</b>	<b>19</b>
May need to include 6 hours of a foreign language. See note 3.	
May need to include 6 hours upper-division general education outside AMST, American History and American Literature (see note 2.c.) and 1 additional upper-division hour.	
<b>Hours Subtotal</b>	<b>19</b>
Recommend ECON 2103 and POLS 2023	
<b>Total Hours</b>	<b>120</b>

## Other Requirements:

- See College of Arts and Sciences Requirements.
- Upper-Division Credit: Total hours must include at least 40 hours in courses numbered 3000 or above.
- Hours in One Department: For B.A. and B.S. degrees, no more than 54 hours in one department may be applied to degree requirements.

## College of Arts and Sciences Requirements

### 1. General Education Requirements

No more than two courses (or eight hours) from the major department (<http://catalog.okstate.edu/college-arts-sciences-major-departments/>) may be used to meet General Education and College and Departmental Requirements. The General Education required English Composition, required U.S. History, required American Government, one required MATH or STAT course, and required foreign language for B.A. degrees do not count against the two-course maximum.

### 2. A&S College/Departmental Requirements

- Arts and Humanities are defined as any course carrying an (H) designation or courses from AMST, ART, DANC, ENGL (except ENGL 3323 Technical Writing) HIST, MUSI, PHIL (except PHIL 1313 Logic and Critical Thinking (A), PHIL 3003 Symbolic Logic (A) and PHIL 4003 Mathematical Logic and Computability), REL, TH, and foreign languages.
- Natural and Mathematical Sciences are defined as any course from the following prefixes: ASTR, BIOC, BIOL, CHEM, CS (except CS 4883 Social Issues in Computing), GEOL, MATH, MICR, PBIO, PHYS, and STAT; or courses from other departments that carry an (A) or (N) general education designation.
- The required six hours of upper-division General Education may not include courses from the student's major department. This requirement may be satisfied by courses also used to satisfy any part of a student's degree program (i.e., in General Education,

College Departmental Requirements, Major Requirements or Electives).

- d. Non-Western Studies Requirement for B.A. and B.F.A.; One 3-hour course in Non-Western Studies (N.W.). This requirement may be satisfied by courses also used to satisfy any part of a student's degree program (i.e., in General Education, College Departmental Requirements, Major Requirements or Electives).
  - e. The College of Arts & Sciences requires a minimum 2.0 GPA in all major requirements and a minimum 2.0 GPA in all major-prefix courses applied to the degree.
3. **Foreign Language Proficiency**
- a. The foreign language requirement for the B.A. may be satisfied by 9 hours college credit in the same language, which must include 3 hours at the 2000-level, or equivalent proficiency (e.g., passing an advanced standing examination; TOEFL exam; presenting a high school transcript which demonstrates the high school was primarily conducted in a language other than English; etc.). Computer Science courses may not be used to satisfy this requirement. Currently Arabic and Mvskoke are not offered at the 2000-level at OSU.
  - b. The foreign language requirement for the B.S., B.M. and B.F.A. may be satisfied by presenting a high school transcript which demonstrates two years of study of a single foreign language (passing grades at second-year level of study). It may also be satisfied by 6 hours college credit in the same language, which must include language courses 1713 and 1813, or equivalent proficiency (e.g., passing an advanced standing examination; TOEFL exam; presenting a high school transcript which demonstrates the high school was primarily conducted in a language other than English; etc.). Computer Science courses may not be used to satisfy this requirement.
  - c. In addition to a. and b., students pursuing teacher certification must meet novice-high foreign language proficiency by presenting a high school transcript which demonstrates two years of study of a single foreign language with no grade below B. Or, students may complete 3 hours college credit in a single language with no grade below C (or pass an advanced standing examination, College Level Examination Program (CLEP) exam, or Oral Proficiency Interview developed by the American Council on the Teaching of Foreign Languages, equivalent to 3 hours of college credit.) Or, students may meet the requirement by transfer of documentation of meeting the foreign language competency from one of the teacher education programs in the State of Oklahoma approved by the Oklahoma State Regents for Higher Education.

#### 4. Exclusions

- a. Courses used to satisfy the General Education English Composition, U.S. History, American Government, and Mathematics or Statistics requirements will not count toward the 54-hour maximum allowed from one department.
- b. Courses with ATHL or LEIS prefixes and leisure activity courses may not be used for degree credit.

- Students will be held responsible for degree requirements in effect at the time of matriculation and any changes that are made, so long as these changes do not result in semester credit hours being added or do not delay graduation.
- Degrees that follow this plan must be completed by the end of Summer 2028.

## Example Plan of Study

### Finish in Four Plan of Study

The plan below is an **example** of how students can successfully complete degree requirements in four years. This suggested class schedule plan may be used as a guide and can be adjusted based on individual needs. Students are required to meet with an academic advisor prior to enrollment each semester to plan their class schedule, and students are ultimately responsible for completing all degree requirements.

Course	Title	Hours
<b>Freshman</b>		
<b>Fall</b>		
ENGL 1113	Composition I	3
AMST 2103	Introduction to American Studies (DH)	3
General Education Courses		9
		<b>Hours</b>
		<b>15</b>
<b>Spring</b>		
ENGL 1213	Composition II	3
General Education Courses		12
		<b>Hours</b>
		<b>15</b>
<b>Sophomore</b>		
<b>Fall</b>		
PHIL 1313	Logic and Critical Thinking (A)	3
Major, College, and Elective courses		12
		<b>Hours</b>
		<b>15</b>
<b>Spring</b>		
Major, College, and Elective courses		15
		<b>Hours</b>
		<b>15</b>
<b>Junior</b>		
<b>Fall</b>		
AMST 3223	Theories and Methods of American Studies	3
Major, College, and Elective courses		12
		<b>Hours</b>
		<b>15</b>
<b>Spring</b>		
Major, College, and Elective courses		15
		<b>Hours</b>
		<b>15</b>
<b>Senior</b>		
<b>Fall</b>		
Major, College, and Elective courses		15
		<b>Hours</b>
		<b>15</b>
<b>Spring</b>		
AMST 4973	Senior Seminar in American Studies	3
Major, College, and Elective courses		12
		<b>Hours</b>
		<b>15</b>
		<b>Total Hours</b>
		<b>120</b>

## Additional State/OSU Requirements

- At least: 60 hours at a four-year institution; 30 hours completed at OSU; 15 of the final 30 or 50% of the upper-division hours in the major field completed at OSU.
- Limit of: one-half of major course requirements as transfer work; one-fourth of hours earned by correspondence; 8 transfer correspondence hours.

## Truth and Reconciliation in the Americas (TRRA), Minor

**Requirements for Students Matriculating in or before Academic Year 2022-2023.** Learn more about University Academic Regulation 3.1 (p. 943).

**Anthony Valentine**, 213 Life Sciences East (S), 405-744-5658, anthony.valentine@okstate.edu  
In Tulsa, contact: **Angel Ray**, 918-594-8271, bangel@okstate.edu

**Minimum Grade Point Average in Minor Coursework:** 2.50 with no grade below "C."

**Total Hours:** 15

Code	Title	Hours
<b>Required Courses</b>		
AMST 3373	Comparative Truth and Reconciliation in the Americas (D)	3
AMST 4990	Internship	3
Select 9 hours from:		
AFAM 2423	Black Popular Culture (DH)	
AFAM 3950	Special Topics in Africana Studies	
AFAM 4543	Race Theory	
AMST 2103	Introduction to American Studies (DH)	
AMST 2513	Plantation to Plate: Sugar, Bananas, and Coffee in America (H)	
or HIST 2513	Plantation to Plate: Sugar, Bananas, and Coffee in America (H)	
AMST 3303	Nations on the Move: Latin American Migration and Latinx Communities in the US (DH)	
or HIST 3303	Nations on the Move: Latin American Migration and Latinx Communities in the US (DH)	
AMST 3333	Crime, Law and American Culture (S)	
AMST 3473	Race, Gender, and Ethnicity in American Film (D)	
AMST 3950	Special Topics in American Studies (DH)	
AMST 4103	The Death Penalty in America (S)	
or SOC 4103	The Death Penalty in America (S)	
AMST 4593	America in International Perspective (H)	
ENGL 3183	Native American Literature (DH)	
ENGL 3193	African-American Literature (DH)	
GEOG 3243	Legal Geography of Native America, Sovereign Tribal Nations, and Indian Country (DS)	
GEOG 4453	Black Geographies & Memorialization in the Landscape (DH)	
or AFAM 4453	Black Geographies & Memorialization in the Landscape (DH)	
or AMST 4453	Black Geographies & Memorialization in the Landscape (DH)	
GWST 3553	LGBTQ Lives in the United States (D)	
GWST 3613	Race and Reproduction in the U.S. (D)	
HIST 3793	Native American History (DH)	
HIST 4153	African American History, 1619-1865 (DH)	

HIST 4163	African American History, 1865-Present (DH)
PHIL 3623	Philosophy of Race (DH)
POLS 2313	Social Justice Politics (D)
POLS 4223	Social Movements
SOC 3133	Racial and Ethnic Relations (DS)

Other courses may be approved by the Program Director.

**Total Hours**

**15**

## Additional OSU Requirements Undergraduate Minors

- An undergraduate minor must include between fifteen and thirty hours, inclusive of undergraduate coursework.
- A minimum of six credit hours for the minor must be earned in residence at OSU.
- The courses required for a minor may be included in the course requirements for any undergraduate degree or they may be in addition to degree requirements, depending on the overlap between the minor and degree requirements. However, an undergraduate minor must be earned in an academic field other than the student's declared degree option. The minor may not duplicate the degree major or option (for example, a student who earns a BA in Art with an Art History option may earn a minor in Studio Art but not Art History).
- A student generally follows the minor requirements associated with his or her matriculation year or newer requirements that have been established since matriculation. The time limit for following requirements from a given academic year is six years.

For additional information on requirements on minors, click here (<https://adminfinance.okstate.edu/site-files/documents/policies/requirements-for-undergraduate-and-graduate-minors.pdf>).



## Art, Graphic Design and Art History

The Department of Art, Graphic Design and Art History offers courses for students who are interested in the visual arts or wish to major in studio art, graphic design or art history. Minors are also available in studio art and art history. Fields of concentration include drawing, oil painting, printmaking, graphic design, electronic media, photography and digital media, ceramics, jewelry/metalsmithing, sculpture and art history.

The Bachelor of Art (BA) includes options in art history and studio art that can be combined with teacher certification; the Bachelor of Fine Arts (BFA) is a professional degree with options in studio art or graphic design.

In order to qualify for graduation, art majors must have grade-point averages in Art Department courses of 2.50 for a BA in Studio Art, 3.0 for a BA in Art History, and 2.75 for a BFA in Studio Art or Graphic Design.

Students who wish to major in graphic design must have a minimum overall GPA of 2.75 to enroll in 2000-level graphic design courses. As of Fall 2019, Students must have taken or be enrolled in two 2000-level graphic design courses (ART 2413 and ART 2423) and completed their foundations level studio art classes (ART 1103, ART 1203, and ART 1303) before their sophomore portfolio review, which is scheduled each spring semester. Students who wish to transfer into the graphic design program with earned credit in these courses are subject to the same review and must submit portfolio materials with application for admission into the program no later than April 1. This portfolio review determines which students are qualified to proceed to 3000-level graphic design courses. Students who pass the graphic design portfolio review are furthermore required to purchase a MacBook Pro laptop computer for use in the classroom and at home. Specifications are available on the Department's website, <http://art.okstate.edu>.

The Department of Art, Graphic Design and Art History is able to offer substantial scholarships at all levels, freshman through senior, on a competitive basis.

The Gardiner Gallery of Art in the Bartlett Center for the Visual Arts, the Department's main building, hosts up to ten exhibitions per year. Exhibitions include the work of faculty, students, and national and international artists. Students and faculty also curate special exhibitions in the Gardiner Gallery.

## Courses

### ART 1103 Drawing I

**Description:** A freehand drawing experience designed to build basic skills and awareness of visual relationships. A sequence of problems dealing with composition, shape, volume, value, line, gesture, texture and perspective. A variety of media explored.

**Credit hours:** 3

**Contact hours:** Lab: 6 Contact: 6

**Levels:** Undergraduate

**Schedule types:** Lab

**Department/School:** Art

### ART 1113 Drawing II

**Prerequisites:** ART 1103.

**Description:** Objective and subjective approaches to visual problem solving in a variety of black and white and color media. The analysis and manipulation of form, light, space, volume, and the formal aspects of perspective.

**Credit hours:** 3

**Contact hours:** Lab: 6 Contact: 6

**Levels:** Undergraduate

**Schedule types:** Lab

**Department/School:** Art

### ART 1203 Visual Thinking: Image and Surface

**Description:** Investigation of fundamental design principles and visual elements through the process of image making. Students explore the dynamics of composition through developing approaches to aesthetics, visual analysis, perception and narrative. Provides experience with a variety of two-dimensional media and develops core skills in observation, craft and technique. Emphasis is placed on interdisciplinary learning through lectures, discussions, critiques, and the process of making images.

**Credit hours:** 3

**Contact hours:** Lab: 6 Contact: 6

**Levels:** Undergraduate

**Schedule types:** Lab

**Department/School:** Art

### ART 1303 Visual Thinking: Form and Space

**Description:** Investigation of fundamental design principles of form through the process of object making. Students explore concepts of interaction between form, space and movement through developing approaches to the construction and manipulation of materials. Provides experience with a variety of three-dimensional media and develops skills in observation, craft and technique. Emphasis is placed on interdisciplinary learning through lectures, discussions, critiques, and the process of making objects. Course previously offered as ART 2203.

**Credit hours:** 3

**Contact hours:** Lab: 6 Contact: 6

**Levels:** Undergraduate

**Schedule types:** Lab

**Department/School:** Art

### ART 1503 Art History Survey I (H)

**Description:** The arts, artists, and their cultures from prehistoric times through the Early Renaissance. May not be used for degree credit with ART 1603. Previously offered as ART 2603.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Art

**General Education and other Course Attributes:** Humanities

### ART 1513 Art History Survey II (H)

**Description:** The arts, artists, and their cultures from the Early Renaissance to the present. May not be used for degree credit with ART 1603. Previously offered as ART 2613.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Art

**General Education and other Course Attributes:** Humanities



**ART 1603 Introduction to Global Art (H)**

**Description:** Introductory survey of global art history, with emphasis on modern and contemporary art. Intended for non-art majors. May not be used for degree credit with ART 1503 or ART 1513. Course previously offered as ART 1803.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Art

**General Education and other Course Attributes:** Humanities

**ART 2003 Studio Methods and Preparation**

**Description:** Portfolio concept development including idea generation, sketchbook, analyzing and evaluating art criticism and select contemporary artists. Professional portfolio presentation, including matting, artwork documentation and resume as a precursor to the Sophomore review. Course previously offered as ART 2002.

**Credit hours:** 3

**Contact hours:** Lab: 6 Contact: 6

**Levels:** Undergraduate

**Schedule types:** Lab

**Department/School:** Art

**ART 2013 Non-Major Ceramics I**

**Description:** Introduction to basic building techniques including wheel throwing, coiling, and slab construction, as well as slip and glaze application and a variety of firing processes. Exposure to historical and contemporary references. Emphasis on personal growth through technique and concept. Same course as ART 2253.

**Credit hours:** 3

**Contact hours:** Lab: 6 Contact: 6

**Levels:** Undergraduate

**Schedule types:** Lab

**Department/School:** Art

**ART 2023 Non-Major Oil Painting I**

**Description:** The development of skills in oil painting stressing form and content, visual perception, and individual expression. Technical instruction applicable to individual problems and needs. Same course as ART 2223.

**Credit hours:** 3

**Contact hours:** Lab: 6 Contact: 6

**Levels:** Undergraduate

**Schedule types:** Lab

**Department/School:** Art

**ART 2033 Non-Major Watercolor I**

**Description:** The development of technical skills stressing color, form, and content. Assignments cover paper preparation and support, brush handling, pigment characteristics and mixing, and all basic dry surface and wet surface painting techniques. Same course as ART 2233.

**Credit hours:** 3

**Contact hours:** Lab: 6 Contact: 6

**Levels:** Undergraduate

**Schedule types:** Lab

**Department/School:** Art

**ART 2043 Non-Major Jewelry and Metals I**

**Description:** Fabrication and forming techniques for non-ferrous metals. Cold joinery, silver soldering, surface treatment and elementary stone setting. Applications toward either wearable or small scale sculptural format. Same course as ART 2243.

**Credit hours:** 3

**Contact hours:** Lab: 6 Contact: 6

**Levels:** Undergraduate

**Schedule types:** Lab

**Department/School:** Art

**ART 2063 Non-Major Sculpture I**

**Description:** Explore creative expression while learning a variety of sculptural processes and techniques. Begin developing spatial sensitivity, conceptual thinking, and critical thinking through engaging with broad contemporary art themes. Same course as ART 2263.

**Credit hours:** 3

**Contact hours:** Lab: 6 Contact: 6

**Levels:** Undergraduate

**Schedule types:** Lab

**Department/School:** Art

**ART 2073 Non-Major Printmaking I**

**Description:** Varied print processes, including monotypes, relief printmaking, and intaglio. Fundamental techniques of each medium that include inking, printing, editioning multiples, and both additive and subtractive approaches. Same course as ART 2273.

**Credit hours:** 3

**Contact hours:** Lab: 6 Contact: 6

**Levels:** Undergraduate

**Schedule types:** Lab

**Department/School:** Art

**ART 2093 Non-Major Photography I**

**Description:** An introduction to the use of photography as an art form. Exploration of traditional and current photographic methods with an emphasis on creating a foundational understanding of the medium's core concepts and techniques. Students will shoot, process, and print their own images, which will be discussed in critique with reference to basic photographic theory. Previously offered as ART 2803. Same course as ART 2293.

**Credit hours:** 3

**Contact hours:** Lab: 6 Contact: 6

**Levels:** Undergraduate

**Schedule types:** Lab

**Department/School:** Art

**ART 2113 Life Drawing**

**Prerequisites:** ART 1113.

**Description:** Introduction to life drawing with emphasis on preliminary linear construction and structural aspects of the figure, including the study of general body proportions, rapid visualization, and figure-ground relationships.

**Credit hours:** 3

**Contact hours:** Lab: 6 Contact: 6

**Levels:** Undergraduate

**Schedule types:** Lab

**Department/School:** Art

**ART 2223 Oil Painting I**

**Prerequisites:** ART 1113 and ART 1203 and ART 1303, or consent of instructor.

**Description:** The development of skills in oil painting stressing form and content, visual perception, and individual expression. Technical instruction applicable to individual problems and needs. Previously offered as ART 3123. Same course as ART 2023.

**Credit hours:** 3

**Contact hours:** Lab: 6 Contact: 6

**Levels:** Undergraduate

**Schedule types:** Lab

**Department/School:** Art

**ART 2233 Watercolor I**

**Prerequisites:** ART 1113, ART 1203, ART 1303, or consent of instructor.

**Description:** The development of technical skills stressing color, form, and content. Assignments cover paper preparation and support, brush handling, pigment characteristics and mixing, and all basic dry surface and wet surface painting techniques. Previously offered as ART 3133. Same course as ART 2033.

**Credit hours:** 3

**Contact hours:** Lab: 6 Contact: 6

**Levels:** Undergraduate

**Schedule types:** Lab

**Department/School:** Art

**ART 2243 Jewelry and Metals I**

**Prerequisites:** ART 1113, ART 1303; consent of instructor.

**Description:** Fabrication and forming techniques for non-ferrous metals. Cold joinery, silver soldering, surface treatment and elementary stone setting. Applications toward either wearable or small scale sculptural format. Previously offered as ART 3343. Same course as ART 2043.

**Credit hours:** 3

**Contact hours:** Lab: 6 Contact: 6

**Levels:** Undergraduate

**Schedule types:** Lab

**Department/School:** Art

**ART 2253 Ceramics I**

**Prerequisites:** ART 1113, ART 1303, or consent of instructor.

**Description:** Introduction to basic building techniques including wheel throwing, coiling, and slab construction, as well as slip and glaze application and a variety of firing processes. Exposure to historical and contemporary references. Emphasis on personal growth through technique and concept. Previously offered as ART 3503. Same course as ART 2013.

**Credit hours:** 3

**Contact hours:** Lab: 6 Contact: 6

**Levels:** Undergraduate

**Schedule types:** Lab

**Department/School:** Art

**ART 2263 Sculpture I**

**Prerequisites:** ART 1113, ART 1303.

**Description:** Explore creative expression while learning a variety of sculptural processes and techniques. Begin developing spatial sensitivity, conceptual thinking, and critical thinking through engaging with broad contemporary art themes. Previously offered as ART 3323. Same course as ART 2063.

**Credit hours:** 3

**Contact hours:** Lab: 6 Contact: 6

**Levels:** Undergraduate

**Schedule types:** Lab

**Department/School:** Art

**ART 2273 Printmaking I**

**Prerequisites:** ART 1113, ART 1203, ART 1303, or consent of instructor.

**Description:** Varied print processes, including monotypes, relief printmaking, and intaglio. Fundamental techniques of each medium that include inking, printing, editioning multiples, and both additive and subtractive approaches. Same course as ART 2073.

**Credit hours:** 3

**Contact hours:** Lab: 6 Contact: 6

**Levels:** Undergraduate

**Schedule types:** Lab

**Department/School:** Art

**ART 2283 Studio Art Digital Survey**

**Prerequisites:** ART 1103 and ART 1303 and ART 1203 or ART 2423 and ART 2413 or by consent of instructor.

**Description:** This studio art course is an introduction to concepts, tools and techniques related to digital technology. Students will work specifically with digital video, sound editing, digital photography, digital imaging and printing. Projects in the course will focus on fostering an introductory to intermediate level understanding of digital technologies and formats, while allowing more advanced students to incorporate media of personal interest, such as performance, assemblage, projection, and installation, as well as other hybrid and emerging art forms.

**Credit hours:** 3

**Contact hours:** Lab: 6 Contact: 6

**Levels:** Undergraduate

**Schedule types:** Lab

**Department/School:** Art

**ART 2293 Photography I**

**Prerequisites:** ART 1103, ART 1203 and ART 1303, or consent of instructor.

**Description:** An introduction to the use of photography as an art form. Exploration of traditional and current photographic methods with an emphasis on creating a foundational understanding of the medium's core concepts and techniques. Students will shoot, process, and print their own images, which will be discussed in critique with reference to basic photographic theory.

**Credit hours:** 3

**Contact hours:** Lab: 6 Contact: 6

**Levels:** Undergraduate

**Schedule types:** Lab

**Department/School:** Art

**ART 2403 Illustration I**

**Prerequisites:** ART 1113 and 2.75 graduation/retention GPA.

**Description:** Introduction to historic and contemporary illustration and consideration of a wide range of illustrative styles. Required experiments with media and consideration of alternate ways of illustrating a message through conceptual and compositional variations.

**Credit hours:** 3

**Contact hours:** Lab: 6 Contact: 6

**Levels:** Undergraduate

**Schedule types:** Lab

**Department/School:** Art

**ART 2413 Typography I**

**Prerequisites:** ART 1103 and 2.75 graduation/retention GPA.

**Description:** An investigation of letter forms and their characteristics and a study of spacing, leading, type selection, layout alternatives, type specification, and copy fitting. Preliminary introduction to typography as a communication medium. An understanding of typographic terminology and measuring systems while developing hand skills and introducing computer technology.

**Credit hours:** 3

**Contact hours:** Lab: 6 Contact: 6

**Levels:** Undergraduate

**Schedule types:** Lab

**Department/School:** Art

**ART 2423 Graphic Design I**

**Prerequisites:** ART 1103 and 2.75 graduation/retention GPA.

**Description:** Exploration of basic design principles—line, form, and color, as visual communication. Problem solving, generation of ideas, development of concepts, and the integration of word and image. Technical and presentation skills.

**Credit hours:** 3

**Contact hours:** Lab: 6 Contact: 6

**Levels:** Undergraduate

**Schedule types:** Lab

**Department/School:** Art

**ART 2563 American Social Dance and Visual Culture**

**Description:** This introductory course offers a beginning-level survey of the cultural history of social dance in North America from the eighteenth century to the present. It combines study of the history, theory, and visual/material culture of social dance with physical practice of specific dance forms. Because few comprehensive written sources exist for social dance, visual art, including film, animation, paintings, sculpture, photography, and illustration, is a vital tool for understanding historic dance and its role in American society. Over the course of the semester, we will examine the visual culture of social dance in order to gain insight into its historical functions as a tool for social cohesion, intercultural exchange, protest/activism, and identity formation, among other things. Through the practice of these dance forms, we will add an experiential component to our analysis of the roles that social dance has played in American culture over time. Same course as DANC 2563.

**Credit hours:** 3

**Contact hours:** Contact: 3 Other: 3

**Levels:** Undergraduate

**Schedule types:** Discussion

**Department/School:** Art

**ART 2890 Art History Honors Add-on**

**Prerequisites:** Consent from the art department.

**Description:** A guided reading and research program ending with an honors credit under the direction of a faculty member. Offered for fixed credit, 1 credit hour, maximum of 6 credit hours.

**Credit hours:** 1

**Contact hours:** Lecture: 1 Contact: 1

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Art

**General Education and other Course Attributes:** Honors Credit

**ART 3110 Life Drawing Studio**

**Prerequisites:** ART 2113 or consent of instructor.

**Description:** The development of formal and expressive aspects of drawing by direct observation of the figure and its environment. Emphasis on media experimentation, aesthetic considerations, personal concepts, and anatomy. Offered for fixed credit, 3 credit hours, maximum repeat 9.

**Credit hours:** 3

**Contact hours:** Lab: 6 Contact: 6

**Levels:** Undergraduate

**Schedule types:** Lab

**Department/School:** Art

**ART 3213 Public and Installation Art**

**Prerequisites:** ART 1303 or permission of instructor.

**Description:** Intermediate level course that offers students the opportunity to explore mixed media and multi-media art production through site-sensitive and site specific projects. Lectures will include contemporary and historical examples. Students will have access to a tool shop with instruction and assistance provided. Projects are designed and created for sites outside of the classroom, allowing for individual exploration based upon interests.

**Credit hours:** 3

**Contact hours:** Lecture: 2 Lab: 2 Contact: 4

**Levels:** Undergraduate

**Schedule types:** Lab, Lecture, Combined lecture and lab

**Department/School:** Art

**ART 3223 Oil Painting II**

**Prerequisites:** "C" or better in ART 2223 or ART 2023 or consent of instructor.

**Description:** Oil Painting with emphasis on personal development of visual ideas and techniques.

**Credit hours:** 3

**Contact hours:** Lab: 6 Contact: 6

**Levels:** Undergraduate

**Schedule types:** Lab

**Department/School:** Art

**ART 3233 Watercolor II**

**Prerequisites:** "C" or better in ART 2233 or ART 2033 or consent of instructor.

**Description:** Stresses continued growth of technical skills with an emphasis on the individual development of ideas and imagery.

**Credit hours:** 3

**Contact hours:** Lab: 6 Contact: 6

**Levels:** Undergraduate

**Schedule types:** Lab

**Department/School:** Art

**ART 3243 Jewelry And Metals II**

**Prerequisites:** ART 2243 or ART 2043 or consent of instructor.

**Description:** Development of technical skills and ideas through assigned projects. Metalworking processes include casting, advanced stone setting, hinge making, and forming of metal.

**Credit hours:** 3

**Contact hours:** Lab: 6 Contact: 6

**Levels:** Undergraduate

**Schedule types:** Lab

**Department/School:** Art

**ART 3253 Ceramics II**

**Prerequisites:** "C" or better in ART 2253 or ART 2013 or consent of instructor.

**Description:** Focus on either hand building or throwing techniques. Development of personal expression and technical proficiency with the material and advanced firing and glazing processes. Emphasizing contemporary ceramic issues as well as broader art concepts.

**Credit hours:** 3

**Contact hours:** Lab: 6 Contact: 6

**Levels:** Undergraduate

**Schedule types:** Lab

**Department/School:** Art

**ART 3263 Sculpture II**

**Prerequisites:** "C" or better in ART 2263 or ART 2063 or consent of instructor.

**Description:** Builds on the themes, processes, and materials explored in Sculpture I. Coursework fosters experimentation to allow discovering artistic values through course projects while advancing spatial sensitivity, conceptual thinking, and critical thinking. Emphasizes historical context and contemporary art practices, allowing students to engage in critical dialogue. Previously offered as ART 3333.

**Credit hours:** 3

**Contact hours:** Lab: 6 Contact: 6

**Levels:** Undergraduate

**Schedule types:** Lab

**Department/School:** Art

**ART 3273 Printmaking II**

**Prerequisites:** "C" or better in ART 2273 or ART 2073 or consent of instructor.

**Description:** Development of technical skills and ideas through assigned projects. Intaglio processes include aquatint, softground, and multiple color work. Relief processes include reduction with stencils and multiblock. Litho techniques with permission of instructor.

**Credit hours:** 3

**Contact hours:** Lab: 6 Contact: 6

**Levels:** Undergraduate

**Schedule types:** Lab

**Department/School:** Art

**ART 3293 New Genres in Studio Art**

**Prerequisites:** ART 2283.

**Description:** This course is a continuation of the Studio Art Digital Survey course. New Genres is a continued, more advanced exploration of the concepts, techniques, and history of non-traditional art forms. Students will work in experimental and interdisciplinary ways with non-traditional media such as video, sound, photography, performance, writing, assemblage, and installation. Course previously offered as ART 3283.

**Credit hours:** 3

**Contact hours:** Lab: 6 Contact: 6

**Levels:** Undergraduate

**Schedule types:** Lab

**Department/School:** Art

**ART 3383 Digital Imaging**

**Prerequisites:** ART 2283 or ART 2423 and ART 2433 or by consent of instructor.

**Description:** This studio art course is a continuation of the concepts, tools, and techniques related to digital technology. Students will work specifically with digital photography, digital imaging and printing. Projects in the course will focus on fostering an intermediate level understanding of digital technologies and alternate process printing formats, while allowing more advanced students to incorporate media of personal interest.

**Credit hours:** 3

**Contact hours:** Lab: 6 Contact: 6

**Levels:** Undergraduate

**Schedule types:** Lab

**Department/School:** Art

**ART 3393 Photography II**

**Prerequisites:** "C" or better in ART 2293 or ART 2803 or ART 2093 or consent of instructor.

**Description:** A further exploration of the creative opportunities in photography. Students will build on the basic understanding of the medium acquired in the introductory course, and respond to assigned aesthetic and conceptual problems. In this intermediate course, students will begin to articulate ideas visually and refine their technical skills in camera operation, digital imaging software, and large format printing.

**Credit hours:** 3

**Contact hours:** Lab: 6 Contact: 6

**Levels:** Undergraduate

**Schedule types:** Lab

**Department/School:** Art

**ART 3403 Illustration II**

**Prerequisites:** ART 2403, ART 2413, ART 2423 and portfolio review.

**Description:** Exploration of illustrative solutions to maximize visual interest via varied viewpoints, concepts and altered reality. Projects involving different career areas within the field of illustration. Requirements and advantages of each area.

**Credit hours:** 3

**Contact hours:** Lab: 6 Contact: 6

**Levels:** Undergraduate

**Schedule types:** Lab

**Department/School:** Art

**ART 3413 Typography II**

**Prerequisites:** ART 2403, ART 2413, ART 2423 and portfolio review.

**Description:** Exploration of typographic communication through a variety of problems. Type as the visual solution with emphasis on its functional, decorative, and creative applications. Solution of more complex typographic problems, dealing with a large body of information via the development of grid systems.

**Credit hours:** 3

**Contact hours:** Lab: 6 Contact: 6

**Levels:** Undergraduate

**Schedule types:** Lab

**Department/School:** Art

**ART 3423 Graphic Design II**

**Prerequisites:** ART 2403, ART 2413, ART 2423, and portfolio review.

**Description:** Use of computer and traditional methods to enhance production skills and solution of design projects from concept to the comprehensive. Evaluation and design of symbols and logos and their various applications, leading to an understanding of system design. Introduction to graphic design production and the preparation of art for reproduction.

**Credit hours:** 3

**Contact hours:** Lab: 6 Contact: 6

**Levels:** Undergraduate

**Schedule types:** Lab

**Department/School:** Art

**ART 3453 Motion Design I**

**Prerequisites:** ART 2403, ART 2413, ART 2423 and portfolio review.

**Description:** Introduction to the basic concepts and techniques of motion design as visual communication. Students are introduced to the technical skills and critical thinking necessary for executing creative motion graphics intended to be experienced via electronic media, with an emphasis on typography, composition and design principles.

**Credit hours:** 3

**Contact hours:** Lab: 6 Contact: 6

**Levels:** Undergraduate

**Schedule types:** Lab

**Department/School:** Art

**ART 3463 Interaction Design I**

**Prerequisites:** ART 2403, ART 2413, ART 2423 and portfolio review.

**Description:** Introduction to the basic concepts and techniques of interaction design as visual communication. Use of computer software to execute interactive design work intended to be experienced via electronic media, with an emphasis on typography, functionality and design principles.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Art

**ART 3543 Leonardo, Art, And Science (H)**

**Description:** Explores the deeply entwined fields of Renaissance art and science through the lens of Leonardo's extraordinarily diverse body of work. This course will consider the broader context of anatomical study, alchemy, early modern medicine, technological innovation, and psychology.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Art

**General Education and other Course Attributes:** Humanities

**ART 3553 Fashioning and Self Fashioning: The Renaissance Portrait (H)**

**Description:** Exploration of portraits created in Europe during the Renaissance. Addresses self-fashioning and artifice and the portrait as the collaborative product of artist, patron and subject.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Art

**General Education and other Course Attributes:** Humanities

**ART 3563 History of Prints and Printmaking**

**Description:** A survey of graphic art primarily focused on Europe and the United States, from the 15th - 20th centuries. Relief, intaglio, lithography, photography, and other graphic media. Previously offered as ART 4623.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Art

**ART 3573 History of Photography**

**Prerequisites:** ART 1513 or ART 1503.

**Description:** This course surveys the history of photography from proto-photographic technologies of the 18th and early 19th centuries through contemporary digital practices.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Art

**ART 3583 Introduction to Museum and Curatorial Studies (H)**

**Description:** Historical and theoretical introduction to museum and curatorial studies. Topics include museum ethics, the function of the curator, and the changing role of the museum. Same course as HIST 3593. Previously offered as ART 2643.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Art

**General Education and other Course Attributes:** Humanities

**ART 3600 Writing Methods In Art History**

**Prerequisites:** Consent of instructor.

**Description:** A supervised research and writing project, typically concurrent with enrollment in an upper division art history course. Offered for fixed credit, 1 credit hour, maximum of 2 credit hours.

**Credit hours:** 1

**Contact hours:** Contact: 1 Other: 1

**Levels:** Undergraduate

**Schedule types:** Independent Study

**Department/School:** Art

**ART 3603 History of Classical Art (H)**

**Description:** Stylistic, philosophical, and formal qualities of art in the Classical world. The creation of the Greek ideal and its dissemination in the Roman world through architecture, sculpture, and painting.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Art

**General Education and other Course Attributes:** Humanities

**ART 3623 History of Italian Renaissance Art (H)**

**Description:** Architecture, sculpture, and painting in Italy, c.1300-1580. Major artists in their local contexts (e.g. Leonardo in Milan, Michelangelo in Florence, and Titian in Venice).

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Art

**General Education and other Course Attributes:** Humanities



**ART 3633 History of Baroque Art (H)**

**Description:** Art in 17th century Europe. Architecture, sculpture and painting of the Catholic Reformation (e.g. Caravaggio and Bernini in Italy, Velasquez in Spain, Rubens in Flanders), concluding with painting in non-sectarian, Protestant Netherlands (Rembrandt and Vermeer).

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Art

**General Education and other Course Attributes:** Humanities

**ART 3643 History of Graphic Design**

**Description:** Evolution of graphic communication from prehistoric times to the present. Investigation of the origins of printing and typography in Europe leading to the design of the printed page, the impact of industrial technology upon visual communication and the study of the growth and development of modern graphic design.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Art

**ART 3653 History of 19th Century Art (H)**

**Description:** Art of 19th century Europe—ideals, conflicts, escapes, and triumphs, beginning with the French Revolution and ending in 1900.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Art

**General Education and other Course Attributes:** Humanities

**ART 3663 History of American Art (DH)**

**Description:** Visual arts in America from the Colonial period to the present. Major styles, ideas and uses of material in architecture, painting, sculpture, and design. Same course as AMST 3673.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Art

**General Education and other Course Attributes:** Diversity, Humanities

**ART 3673 History of Northern Renaissance Art**

**Description:** Art in Northern Europe, c. 1200-1550. Emphasis on panel painting in the Netherlands (e.g. Van Eyck, Bosch), and book illustration in Germany (Durer).

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Art

**ART 3683 History of 20th Century Art (HI)**

**Description:** Beginning with the birth of "modernism" in the late 19th century, exploration of the fast-changing artistic styles of the 20th century: abstraction, expressionism, fantasy, realism, surrealism, and social protest. Emphasis on the relationship of art and 20th century society.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Art

**General Education and other Course Attributes:** Humanities, International Dimension

**ART 3693 Survey of Asian Art (H)**

**Description:** Arts of India, China, Japan and related countries in their historical and cultural settings. Traditions of painting, sculpture and architecture from their beginnings to the modern period. Same course as ART 2693.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Art

**General Education and other Course Attributes:** Humanities

**ART 3713 Early Medieval Art: Saints, Martyrs, Pagans (H)**

**Description:** Examination of the visual culture (sculpture, manuscripts, architecture, etc.) of the multicultural early Middle Ages in Europe and the wider Mediterranean world, from roughly 400 to 1050; includes Early Christian, Islamic, Byzantine, Germanic, Carolingian, Ottonian, and Anglo-Saxon artistic production.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Art

**General Education and other Course Attributes:** Humanities

**ART 3723 Court and Cloister: Medieval Art 1050-1400 (H)**

**Description:** Examination of the visual culture (sculpture, manuscripts, architecture, etc.) of the later Middle Ages in Europe and the wider Mediterranean world, from roughly 1050 through 1400; includes Islamic, Byzantine, Romanesque, and Gothic artistic production. Course previously offered as ART 3613.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Art

**General Education and other Course Attributes:** Humanities

**ART 3733 History of Latin American Art I**

**Description:** An overview of Latin American visual culture from the Precolumbian period to the present. We consider Maya, Aztec, and Inca cultures, the colonial arts of Spanish America, the South American avant-garde, Mexican muralism and surrealism, and contemporary video, performance and installation.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Art



**ART 3743 History of Latin American Art II (HI)**

**Description:** Exploration of modern Latin American Art, beginning with academic painting and emerging nationalisms in the nineteenth century and continuing through Mexican Muralism, modern art movements in South America, and contemporary painting, film, video, performance, and installation.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Art

**General Education and other Course Attributes:** Humanities, International Dimension

**ART 3753 The Arts of Spain and the Spanish World (H)**

**Description:** The art and culture of Spain and the Spanish world, including Paleolithic art, Renaissance and Baroque works from the Iberian Peninsula and American viceroyalties, and ending with Picasso and Miro.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Art

**General Education and other Course Attributes:** Humanities

**ART 3763 Art Travel Course**

**Description:** Art courses involved with the participation of a formal or informal travel experience outside the state.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Art

**ART 3773 History of African American Art**

**Description:** The history of African American visual arts and material culture. Topics might include black visual artists and movements, black art criticism, global contexts, and museum practices in relation to African American artists and/or artists of the African diaspora.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Art

**ART 3800 Special Topics in Art History**

**Description:** Art history course on special subjects and various issues. Offered on campus. Offered for fixed credit, 3 credit hours, maximum of 6 credit hours.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Art

**ART 3890 Art History Honors Course**

**Prerequisites:** Consent from the Art Department.

**Description:** Departmental invitation, Honors Program participation. A guided reading and research program ending with an honors under the direction of a faculty member. Offered for fixed credit, 3 credit hours, maximum of 6 credit hours.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Art

**General Education and other Course Attributes:** Honors Credit

**ART 4053 Alternative Photography**

**Prerequisites:** ART 3393, Photography II.

**Description:** This photography course provides an introduction to traditional photographic processes such as silver gelatin, salt prints, cyanotype, Van Dyke, and gum bichromate. Students will learn a variety of analog photographic processes as avenues to explore current questions in the medium. Through a series of assigned readings and regular critiques, students will consider their projects from a contemporary art perspective.

**Credit hours:** 3

**Contact hours:** Lab: 6 Contact: 6

**Levels:** Undergraduate

**Schedule types:** Lab

**Department/School:** Art

**ART 4100 Advanced Drawing**

**Prerequisites:** ART 1113 and ART 1203 and ART 2113.

**Description:** An open medium investigation of drawing concepts, stressing personal thematic development, experimentation, and individually designed imagery. Offered for fixed credit, 3 credit hours, maximum repeat 9.

**Credit hours:** 3

**Contact hours:** Lab: 6 Contact: 6

**Levels:** Undergraduate

**Schedule types:** Lab

**Department/School:** Art

**ART 4211 BFA Studio Capstone Exhibition**

**Prerequisites:** Must have passed the BFA Studio Capstone Exhibition Review, must have consent of instructor.

**Description:** Provides individual guidance and instruction necessary for mounting the BFA Studio Capstone Exhibition. This exhibition is the culminating event of the studio major's studies and a final preparation for a career in the studio arts. Enrollment must occur during the semester in which the BFA Studio Capstone Exhibition is to be mounted.

**Credit hours:** 1

**Contact hours:** Contact: 1 Other: 1

**Levels:** Undergraduate

**Schedule types:** Independent Study

**Department/School:** Art

**ART 4213 BFA Studio Capstone**

**Prerequisites:** ART 2003, and concurrent enrollment in upper-division studio art course, or consent of instructor.

**Description:** The purpose of this course is to provide students with the knowledge they need to make a career in art. Using the art they are preparing for the BFA Studio Capstone Exhibition, students will develop presentation and marketing materials in line with the professional standards of the field. They will be taught how to find, recognize and pursue artistic opportunities. Previously offered as ART 4210.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Art

**ART 4220 Oil Painting Studio**

**Prerequisites:** ART 3223.

**Description:** Oil painting with emphasis on continuing personal development of visual ideas and techniques. Course previously offered as ART 4120. Offered for fixed credit, 3 credit hours, maximum repeat 9.

**Credit hours:** 3

**Contact hours:** Lab: 6 Contact: 6

**Levels:** Undergraduate

**Schedule types:** Lab

**Department/School:** Art

**ART 4223 BA Studio Capstone**

**Prerequisites:** ART 2003 and senior standing or consent of instructor.

**Description:** The course provides guided assistance to BA Studio Art students in developing a professional portfolio as it relates to their career interests in the arts. Previously offered as ART 4110.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Art

**ART 4230 Watercolor Studio**

**Prerequisites:** ART 3233.

**Description:** Stresses continued growth of personal imagery with an emphasis on the development of a consistent body of work and professional portfolio. Course previously offered as ART 4130. Offered for fixed credit, 3 credit hours, maximum repeat 12.

**Credit hours:** 3

**Contact hours:** Lab: 6 Contact: 6

**Levels:** Undergraduate

**Schedule types:** Lab

**Department/School:** Art

**ART 4240 Jewelry and Metals Studio**

**Prerequisites:** ART 3243.

**Description:** Emphasis on further development of personal concepts and technical skills through assigned and individual oriented projects. Broad-based exploration of advanced metalworking processes with emphasis on individual students' direction and technical needs. Course previously offered as ART 4340. Offered for fixed credit, 3 credit hours, maximum repeat 12.

**Credit hours:** 3

**Contact hours:** Lab: 6 Contact: 6

**Levels:** Undergraduate

**Schedule types:** Lab

**Department/School:** Art

**ART 4250 Ceramics Studio**

**Prerequisites:** ART 3253.

**Description:** Intended for students who want to specialize in the ceramic field of art. Will include sophisticated techniques of clay, glaze and firing methods. Emphasis on creation of a unique, well researched, aesthetically concise, and technically successful body of work. Course previously offered as ART 4500. Offered for fixed credit, 3 credit hours, maximum repeat 12.

**Credit hours:** 3

**Contact hours:** Lab: 6 Contact: 6

**Levels:** Undergraduate

**Schedule types:** Lab

**Department/School:** Art

**ART 4260 Sculpture Studio**

**Prerequisites:** ART 3263.

**Description:** A broad-based course which allows students to pursue individual interests using a variety of materials and processes. Emphasis on further development of concepts, skills, and techniques. Course previously offered as ART 4330. Offered for fixed credit, 3 credit hours, maximum repeat 12.

**Credit hours:** 3

**Contact hours:** Lab: 6 Contact: 6

**Levels:** Undergraduate

**Schedule types:** Lab

**Department/School:** Art

**ART 4270 Printmaking Studio**

**Prerequisites:** ART 3273 and proficiency review or consent of instructor.

**Description:** A broad-based course which allows students to pursue individual interests using a variety of printmaking materials and processes. Emphasis on further development of concepts, skills and techniques. Offered for fixed credit, 3 credit hours, maximum repeat 12.

**Credit hours:** 3

**Contact hours:** Lab: 6 Contact: 6

**Levels:** Undergraduate

**Schedule types:** Lab

**Department/School:** Art

**ART 4280 Photography Studio**

**Prerequisites:** ART 3393 or consent of instructor.

**Description:** The development of a personal artistic expression using photography. Through a combination of assigned and self-directed projects, this advanced course focuses on the continued development of conceptual aptitude and technical skills. The emphasis is on developing a creative body of work and engaging current and theoretical trends in the medium. Offered for fixed credit, 3 credit hours, maximum of 12 credit hours.

**Credit hours:** 3

**Contact hours:** Lab: 6 Contact: 6

**Levels:** Undergraduate

**Schedule types:** Lab

**Department/School:** Art

**ART 4420 Graphic Design Studio**

**Prerequisites:** ART 3423, ART 3443 or consent of instructor.

**Description:** Design and production of projects suited to the professional portfolio. Discussion of practical issues including career options, resume and portfolio preparation, and interview techniques. Offered for fixed credit, 3 credit hours, maximum repeat 9.

**Credit hours:** 3

**Contact hours:** Lab: 6 Contact: 6

**Levels:** Undergraduate

**Schedule types:** Lab

**Department/School:** Art

**ART 4430 Illustration Studio**

**Prerequisites:** ART 3403, ART 3443 or consent of instructor.

**Description:** Conceptual development and production of illustrations in series. Development of individual style and assembly of a professional and consistent portfolio. Offered for fixed credit, 3 credit hours, maximum repeat 9.

**Credit hours:** 3

**Contact hours:** Lab: 6 Contact: 6

**Levels:** Undergraduate

**Schedule types:** Lab

**Department/School:** Art

**ART 4450 Motion Design Studio**

**Prerequisites:** ART 3443 or consent of instructor.

**Description:** Exploration of motion design as visual communication. Development of technical skills and critical thinking necessary for executing creative motion graphics portfolio work intended to be experienced via electronic media, with an emphasis on conceptual development and application of design principles. Course previously offered as ART 4453. Offered for fixed credit, 3 credit hours, maximum repeat 9.

**Credit hours:** 3

**Contact hours:** Lab: 6 Contact: 6

**Levels:** Undergraduate

**Schedule types:** Lab

**Department/School:** Art

**ART 4460 Interaction Design Studio**

**Prerequisites:** ART 3453 or consent of instructor.

**Description:** Exploration of the visual and technical aspects of interaction with various electronic platforms to design effective graphical user interfaces. Emphasis on quantitative and qualitative research, process, and traditional graphic design methods for creating user-centered digital environments. Offered for fixed credit, 3 credit hours, maximum repeat 9.

**Credit hours:** 3

**Contact hours:** Lab: 6 Contact: 6

**Levels:** Undergraduate

**Schedule types:** Lab

**Department/School:** Art

**ART 4493 Portfolio Capstone**

**Prerequisites:** Senior standing and consent of instructor.

**Description:** Final preparation of a professional portfolio, culminating in an extensive design project and the design, organization and production of an exhibition of work. Professional study on setting fees, writing contracts, working with an agent and other business practices.

**Credit hours:** 3

**Contact hours:** Lab: 6 Contact: 6

**Levels:** Undergraduate

**Schedule types:** Lab

**Department/School:** Art

**ART 4583 Rome: The Eternal City in Art and Film (H)**

**Description:** The idea of Rome as seen through ancient and modern visual culture. Course begins with the Augustan propaganda machine and subsequently considers the most significant imperial image-makers to follow. A major portion of the course will be devoted to more recent and modern projections of the city, from Mussolini's New Rome to Fellini's Roma. No credit for students with credit in ART 5583.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Art

**General Education and other Course Attributes:** Humanities

**ART 4593 Art of Conversion: 16th Century Art in Mexico (H)**

**Description:** Art and architecture of the sixteenth century, including mission architecture, early altar-screens, the effect of European imports on native art production, and the role of confraternities and public ceremonies on contact-period culture. No credit for students with credit in ART 5593.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Art

**General Education and other Course Attributes:** Humanities

**ART 4603 History of Ancient Egyptian Art**

**Description:** Broad survey of ancient Egyptian art and architecture from Pre-dynastic to the beginning of the Christian Era under Roman rule (4000 B.C.-320 A.D.). Discussion within the context of religious meaning and overall cultural development of ancient Egypt.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Art

**ART 4613 Art Since 1960**

**Prerequisites:** ART 1513.

**Description:** Art and art theory from 1960 to the present. Major trends of Minimalism, Pop Art, Photo Realism, Performance, and Conceptual Art. Theories and intellectual bases of each movement as well as major critical responses. No credit for students with credit in ART 5613.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Art

**ART 4653 History of Indian Art**

**Description:** The history and culture of South Asia (India and Pakistan) are explored through its arts —architecture, sculpture, painting, and design.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Art

**ART 4663 History of Chinese Art (H)**

**Description:** The arts of China in their historical, cultural, religious, and social context. Painting, sculpture, architecture, porcelain, furniture, and decorative arts. No credit for students with credit in ART 5663.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Art

**General Education and other Course Attributes:** Humanities

**ART 4673 History of Japanese Art**

**Description:** Critical social, religious, and historical issues in the arts of Japan. Painting, sculpture, architecture, landscape architecture, prints, and decorative arts. No credit for students with credit in ART 5673.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Art

**ART 4683 Modern and Contemporary Art in Asia**

**Description:** Modern and contemporary art in Asia. Special attention to the role of race, gender, and social class on artistic production. May not be used for degree credit with ART 5683.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Art

**ART 4693 Gender And Visual Culture**

**Description:** Explores themes and issues surrounding gender in relation to art history and visual culture more broadly. Topics may include artists and creators, sexuality, the body, eroticism, historicizing gender, feminism and feminist theory, etc. No credit for students with credit in ART 5693.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Art

**ART 4703 Art East and West: Biases and Borrowings**

**Description:** Explores the complicated interaction, cultural borrowings and responses on many levels of two major world systems, the "West" (Europe and America) and the "East" (South and East Asia). Beginning with the development of the sea trade in the 16th century, the course will study, through works of art, the effect of history, politics, religious struggles, economics, trade and ethnic biases on the cultures of East and West. No credit for students with credit in ART 5703.

**Credit hours:** 3

**Contact hours:** Lecture: 2 Contact: 3 Other: 1

**Levels:** Undergraduate

**Schedule types:** Discussion, Combined lecture & discussion, Lecture

**Department/School:** Art

**ART 4713 The Visual Culture of the Islamic World (HI)**

**Description:** Examines the visual culture, including art and architecture, of the Islamic world, dating from the inception of Islam in seventh-century Arabia through today. No credit for students with credit in ART 5713.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Art

**General Education and other Course Attributes:** Humanities, International Dimension

**ART 4723 History of Museums and Collecting**

**Description:** Investigation of the history of museums and collecting practices in Western Europe and the United States from the sixteenth century to the mid-20th century. Same course as ART 5723.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Art

**ART 4733 Museum Education**

**Prerequisites:** ART 1513 or ART 2643 or by permission of instructor.

**Description:** Introduction to the major topics in museum education, including how object based learning is used with individuals and groups. Addresses the major pedagogical issues surrounding the use of art and other objects in museums. May not be used for degree credit with ART 5733.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Art

**ART 4763 Native American Art and Material Culture**

**Description:** Survey of the history and material production of the Native American tribes living within the boundaries of the continental United States and Canada. Focus on basic concepts and primary issues related to tribes of the major geographical areas: the woodland areas, which includes the Northeast and Great Lakes area, the Southeast, the Great Plains, the Southwest, the Plateau and West Coast, and the Northwest Coast. No credit for students with credit in ART 5763.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Art

**ART 4783 Rembrandt Van Rijn**

**Prerequisites:** ART 1503 or ART 1515 or ART 1603 or by permission of instructor.

**Description:** The Dutch artist Rembrandt van Rijn (1606-1669) was one of the most important and innovative painters and printmakers of the seventeenth century. This course will acquaint students with both his extensive body of work and the central critical issues that interest scholars today. Same course as ART 5783.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Art

**ART 4793 Architecture and Space in East Asia**

**Description:** History of Architecture in East Asia from the traditional Chinese timber frame to the 20th century. Will address how architecture delivers political ideologies and structures social relationships, both symbolically and in practice. May not be used for degree credit with ART 5793.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Art

**ART 4800 Special Studies in Art**

**Prerequisites:** Junior standing and consent of instructor.

**Description:** Courses in media exploration, special subjects and current issues. Offered on campus or through extension workshops. Offered for variable credit, 1-3 credits, max 9.

**Credit hours:** 1-3

**Contact hours:** Contact: 1-3 Other: 1-3

**Levels:** Undergraduate

**Schedule types:** Independent Study

**Department/School:** Art

**ART 4810 Museum Internship**

**Description:** An on-site museum experience, including exhibition selection and preparation, collection cataloging and research, and museum administration. Offered for variable credit, 1-3 credits, max 9.

**Credit hours:** 1-3

**Contact hours:** Contact: 1-3 Other: 1-3

**Levels:** Undergraduate

**Schedule types:** Independent Study

**Department/School:** Art

**ART 4813 Museum Exhibition**

**Description:** Designing an exhibition that draws on the Oklahoma State University art collection. Includes museum history, theory, and curatorial practice. Same course as ART 5813.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Art

**ART 4820 Graphic Design Internship**

**Prerequisites:** ART 3403 or ART 3423 and consent of instructor.

**Description:** An on-site graphic design work experience that provides professional practice under the supervision of a design professional. Offered for variable credit, 1-6 credits, maximum of 6 credit hours.

**Credit hours:** 1-6

**Contact hours:** Contact: 1-6 Other: 1-6

**Levels:** Undergraduate

**Schedule types:** Independent Study

**Department/School:** Art

**ART 4830 Apprenticeship**

**Description:** Professional opportunity to work with artists of national and international reputation. Offered for variable credit, 1-6 credit hours, maximum of 6 credit hours.

**Credit hours:** 1-6

**Contact hours:** Contact: 1-6 Other: 1-6

**Levels:** Undergraduate

**Schedule types:** Independent Study

**Department/School:** Art

**ART 4840 Studio Art Internship**

**Prerequisites:** Formal written approval of Studio Art faculty sponsor and on-site supervisor.

**Description:** The studio art internship provides direct occupational experience in a professional arts related work environment under the direct supervision of a professional or someone of significant stature in an arts related field. A final associated paper/project is required. Offered for variable credit, 1-3 credit hours, maximum of 6 credit hours.

**Credit hours:** 1-3

**Contact hours:** Contact: 1-3 Other: 1-3

**Levels:** Undergraduate

**Schedule types:** Independent Study

**Department/School:** Art

**ART 4850 Special Topics in Graphic Design**

**Prerequisites:** ART 3423 and ART 4420 or ART 4450 or ART 4460.

**Description:** Course in graphic design and design media exploration, current practices, and contemporary issues. Includes specific topics such as: advanced typography, (lettering, typeface design), exhibition design, way-finding and navigational graphics, design writing workshop, magazine design, new media tools, and creative coding. Offered on campus or through extension workshops. May not be used for degree credit with ART 5850.

**Credit hours:** 3

**Contact hours:** Lab: 6 Contact: 6

**Levels:** Undergraduate

**Schedule types:** Lab

**Department/School:** Art

**ART 4860 Art History Seminar**

**Description:** Art history seminar courses on special subjects and various issues. Open to major and non-major students. May not be used for degree credit with ART 5860. Offered for fixed credit, 3 credit hours, maximum of 12 credit hours.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Art

**ART 4900 Directed Study In Art**

**Prerequisites:** Junior standing and written permission of department head.

**Description:** Self-designed special topics in studio art or graphic design. By contract only. May not be used for degree credit with ART 5900.

Offered for variable credit, 1-3 credit hours, maximum of 9 credit hours.

**Credit hours:** 1-3

**Contact hours:** Contact: 1-3 Other: 1-3

**Levels:** Undergraduate

**Schedule types:** Independent Study

**Department/School:** Art

**ART 4910 Directed Study in Art History**

**Prerequisites:** Junior standing and written consent of department head.

**Description:** Self-designed special topics in art history. By contract only. May not be used for degree credit with ART 5910. Offered for variable credit, 1-3 credit hours, maximum of 9 credit hours.

**Credit hours:** 1-3

**Contact hours:** Contact: 1-3 Other: 1-3

**Levels:** Undergraduate

**Schedule types:** Independent Study

**Department/School:** Art



**ART 4920 Art History Symposium**

**Prerequisites:** One hour of ART 3600 and ART 4933.

**Description:** Specifically for art history majors, and typically taken during the student's final year. Students prepare for, and participate in, a public presentation of a research paper (ART 3600). Special attention is given to a speaker's argument, methodology, visual, and overall presentation. Offered for fixed credit, 2 credit hours.

**Credit hours:** 2

**Contact hours:** Contact: 2 Other: 2

**Levels:** Undergraduate

**Schedule types:** Independent Study

**Department/School:** Art

**ART 4933 Art in Context**

**Prerequisites:** One hour of ART 3600.

**Description:** Designed specifically for art history majors, and typically taken during the junior year, this course examines select critical theories and their methodological application.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Art

**ART 4973 20th Century Chinese Art**

**Description:** This course will explore the ways in which Chinese artists of the 20th century have defined China's history and culture.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Art

**ART 4993 Senior Honors Project**

**Prerequisites:** Departmental invitation, Senior standing, Honors Program participation.

**Description:** A guided reading and research program ending with an honors thesis or project under the direction of a faculty member. Required for graduation with departmental honors in art.

**Credit hours:** 3

**Contact hours:** Lab: 6 Contact: 6

**Levels:** Undergraduate

**Schedule types:** Lab

**Department/School:** Art

**General Education and other Course Attributes:** Honors Credit

**ART 5000 Art History Master's Thesis**

**Description:** Independent study course intended to provide guidance for research and writing of MA Thesis in art history. Offered for variable credit, 1-3 credit hours, maximum of 6 credit hours.

**Credit hours:** 1-3

**Contact hours:** Contact: 1-3 Other: 1-3

**Levels:** Graduate

**Schedule types:** Independent Study

**Department/School:** Art

**ART 5013 Theory and Methods in Art History**

**Description:** This course examines the field of art history in terms of its historiography, research methods, critical frameworks and theoretical underpinnings. Students are expected to develop and articulate their own theoretical and methodological position in the context of and with explicit reference to contemporary praxis and theory.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Graduate

**Schedule types:** Lecture

**Department/School:** Art

**ART 5400 Graduate Study: Graphic Design Thesis**

**Description:** Independent inquiry based on an original idea associated with a student's chosen area of concentration under the direction and supervision of a major professor and graduate thesis committee. Thesis requires the definition of a graphic design problem, research of case studies and visual works relevant to the thesis topic, and the creation of an outline for the thesis. Offered for variable credit, 1-3 credit hours, maximum of 9 credit hours.

**Credit hours:** 1-3

**Contact hours:** Contact: 1-3 Other: 1-3

**Levels:** Graduate

**Schedule types:** Independent Study

**Department/School:** Art

**ART 5410 Graduate Graphic Design Internship**

**Description:** On-site, graphic design work experience that provides graduate level students with professional practice under the supervision of a design professional. Offered for fixed credit, 3 credit hours, maximum of 6 credit hours.

**Credit hours:** 3

**Contact hours:** Contact: 3 Other: 3

**Levels:** Graduate

**Schedule types:** Independent Study

**Department/School:** Art

**ART 5413 Graduate Teaching Practicum in Graphic Design**

**Description:** This course is intended to provide graduate graphic design students seeking a career in higher education with university-level teaching methods and professional practices of curriculum development, syllabus writing, clarity of thinking, and various components of professional papers and presentations.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Graduate

**Schedule types:** Lecture

**Department/School:** Art

**ART 5420 Graduate Graphic Design Studio**

**Description:** Introduction to the advanced concepts and techniques of graphic design as visual communication. Graduate students are introduced to the critical thinking necessary and technical skills for executing creative graphics work intended to be experienced via print media, with an emphasis on typography, composition and design principles. Offered for variable credit, 3-6 credit hours, maximum of 6 credit hours.

**Credit hours:** 3-6

**Contact hours:** Lab: 6-12 Contact: 6-12

**Levels:** Graduate

**Schedule types:** Lab

**Department/School:** Art



**ART 5423 Graduate Study in Graphic Design History**

**Description:** This course builds on foundational knowledge of graphic design history. Emphasis is placed on in-depth review and analysis of ground breaking design movements and perspectives, from modernism to contemporary era. Lectures, readings, research and other course activities will bring forth critical understanding of the relationship of history, design and culture as interconnected thread throughout time.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Graduate

**Schedule types:** Lecture

**Department/School:** Art

**ART 5440 Graduate Special Topics in Graphic Design**

**Description:** Application of graphic design processes utilizing hybrid media and forms to address research topics. Emphasis on creative approaches to concept-driven design projects and development of a theoretical framework appropriate for graduate level work. Offered for variable credit, 3-6 credit hours, maximum of 6 credit hours.

**Credit hours:** 3-6

**Contact hours:** Lecture: 3-6 Contact: 3-6

**Levels:** Graduate

**Schedule types:** Lecture

**Department/School:** Art

**ART 5450 Graduate Motion Design Studio**

**Description:** Exploration of motion design as visual communication. Development of technical skills and critical thinking necessary for executing creative motion graphics portfolio work intended to be experienced via electronic media, with an emphasis on conceptual development and application of design principles. Offered for variable credit, 3-9 credit hours, maximum of 9 credit hours.

**Credit hours:** 3-9

**Contact hours:** Lab: 6-18 Contact: 6-18

**Levels:** Graduate

**Schedule types:** Lab

**Department/School:** Art

**ART 5460 Graduate Interaction Design Studio**

**Description:** Exploration of the visual and technical aspects of interaction with various electronic platforms to design effective graphical user interfaces. Emphasis on quantitative and qualitative research, process and traditional graphic design methods for creating user-centered digital environments. Offered for variable credit, 3-9 credit hours, maximum of 9 credit hours.

**Credit hours:** 3-9

**Contact hours:** Lab: 6-18 Contact: 6-18

**Levels:** Graduate

**Schedule types:** Lab

**Department/School:** Art

**ART 5470 Graduate Study in Graphic Design**

**Description:** Intensive graduate course of study in the fundamentals of graphic design. The course emphasizes research and analysis and the design processes that lead to creative conceptualization and final design solutions. Students are expected to demonstrate sophisticated design decisions and appropriate design solutions that demonstrate a high level of expertise and achievement to be experienced via print media. Offered for variable credit, 3-9 credit hours, maximum of 9 credit hours.

**Credit hours:** 3-9

**Contact hours:** Lab: 6-18 Contact: 6-18

**Levels:** Graduate

**Schedule types:** Lab

**Department/School:** Art

**ART 5480 Graduate Study in Motion Design**

**Description:** Graduate level course in motion design (also referred to as motion graphics). This course provides students with the opportunity to conduct research, develop advanced technical skills and apply critical thinking to graphic design using time based media. Students will explore the role motion design plays in shaping meaning and contributing to visual culture. Offered for variable credit, 3-9 credit hours, maximum of 9 credit hours.

**Credit hours:** 3-9

**Contact hours:** Lab: 6-18 Contact: 6-18

**Levels:** Graduate

**Schedule types:** Lab

**Department/School:** Art

**ART 5490 Graduate Study in Interaction Design**

**Description:** Interaction Design, as it relates to the field of Graphic Design, is the creation of a dialogue between a person and a product, system, or interplay between form, function, and technology as experienced over time. Students will explore the role of graphic design while conducting sound research in a variety of disciplines such as psychology, communication theory, and sensory integration. Offered for variable credit, 3-9 credit hours, maximum of 9 credit hours.

**Credit hours:** 3-9

**Contact hours:** Lab: 6-18 Contact: 6-18

**Levels:** Graduate

**Schedule types:** Lab

**Department/School:** Art

**ART 5583 Rome Eternal City**

**Description:** The idea of Rome as seen through ancient and modern visual culture. Course begins with the Augustan propaganda machine and subsequently considers the most significant imperial image-makers to follow. A major portion of the course will be devoted to more recent and modern projections of the city, from Mussolini's New Rome to Fellini's Roma. No credit for students with credit in ART 4583.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Graduate

**Schedule types:** Lecture

**Department/School:** Art

**ART 5593 Art of Conversion: 16th Century Art in Mexico**

**Description:** Art and architecture of the sixteenth century, including mission architecture, early altar-screens, the effect of European imports on native art production, and the role of confraternities and public ceremonies on contact-period culture. No credit for students with credit in ART 4593.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Graduate

**Schedule types:** Lecture

**Department/School:** Art

**ART 5613 Art Since 1960**

**Prerequisites:** Permission of instructor.

**Description:** Art and art theory from 1960 to present. Major trends of Minimalism, Pop Art, Photorealism, Performance, and Conceptual Art. Theories and intellectual bases of each movement as well as major critical responses. No credit for students with credit in ART 4613.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Graduate

**Schedule types:** Lecture

**Department/School:** Art

**ART 5663 History Of Chinese Art**

**Description:** Critical social, religious, and historical issues in the arts of China. Painting, sculpture, architecture, porcelain, furniture, and decorative arts. No credit for students with credit in ART 4663.

**Credit hours:** 3

**Contact hours:** Lecture: 2 Contact: 3 Other: 1

**Levels:** Graduate

**Schedule types:** Discussion, Combined lecture & discussion, Lecture

**Department/School:** Art

**ART 5673 History of Japanese Art**

**Description:** Critical social, religious, and historical issues in the arts of Japan. Painting, sculpture, architecture, landscape architecture, prints, and decorative arts. No credit for students with credit in ART 4673.

**Credit hours:** 3

**Contact hours:** Lecture: 2 Contact: 3 Other: 1

**Levels:** Graduate

**Schedule types:** Discussion, Combined lecture & discussion, Lecture

**Department/School:** Art

**ART 5683 Modern and Contemporary Art in Asia**

**Description:** Modern and contemporary art in Asia. Special attention to the role of race, gender, and social class on artistic production. May not be used for degree credit with ART 4683.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Graduate

**Schedule types:** Lecture

**Department/School:** Art

**ART 5693 Gender and Visual Culture**

**Description:** Explores themes and issues surrounding gender in relation to art history and visual culture more broadly. Topics may include artists and creators, sexuality, the body, eroticism, historicizing gender, feminism and feminist theory, etc. No credit for students with credit in ART 4693.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Graduate

**Schedule types:** Lecture

**Department/School:** Art

**ART 5703 Art East and West: Biases and Borrowings**

**Prerequisites:** Instructor permission.

**Description:** Explores the complicated interaction, cultural borrowings and responses on many levels of two major world systems, the "West" (Europe and America) and the "East" (South and East Asia). Beginning with the development of the sea trade in the 16th century, the course will study, through works of art, the effect of history, politics, religious struggles, economics, trade and ethnic biases on the cultures of East and West. No credit for students with credit in ART 4703.

**Credit hours:** 3

**Contact hours:** Lecture: 2 Contact: 3 Other: 1

**Levels:** Graduate

**Schedule types:** Discussion, Combined lecture & discussion, Lecture

**Department/School:** Art

**ART 5713 Islamic Visual Culture**

**Description:** Examines the visual culture, including art and architecture, of the Islamic world, dating from the inception of Islam in seventh-century Arabia through today. No credit for students with credit in ART 4713.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Graduate

**Schedule types:** Lecture

**Department/School:** Art

**ART 5723 History of Museums and Collecting**

**Prerequisites:** Graduate standing.

**Description:** Investigation of the history of museums and collecting practices in Western Europe and the United States from the sixteenth century to the mid-20th century. Same course as ART 4723.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Graduate

**Schedule types:** Lecture

**Department/School:** Art

**ART 5730 Practicum in Curatorial Practice**

**Prerequisites:** Graduate standing.

**Description:** Curatorial experience under the supervision of a museum and curatorial studies certificate program faculty member. Students will assist in the conceptualization, research and organization of an existing curatorial project or create one of their own. Offered for variable credit, 1-3 credit hours, maximum of 3 credit hours.

**Credit hours:** 1-3

**Contact hours:** Lecture: 1-3 Contact: 1-3

**Levels:** Graduate

**Schedule types:** Lecture

**Department/School:** Art

**ART 5733 Museum Education**

**Prerequisites:** Graduate standing.

**Description:** Introduction to the major topics in museum education, including how object-based learning is used with individuals and groups. Addresses the major pedagogical issues surrounding the use of art and other objects in museums. Same course as ART 4733.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Graduate

**Schedule types:** Lecture

**Department/School:** Art

**ART 5763 Native American Art and Material Culture**

**Prerequisites:** Permission of instructor.

**Description:** Survey of the history and material production of the Native American tribes living within the boundaries of the continental United States and Canada. Focus on basic concepts and primary issues related to tribes of the major geographical areas: the woodland areas, which includes the Northeast and Great Lakes area, the Southwest, the Great Plains, the Southwest, the Plateau and West Coast, and the Northwest Coast. No credit for students with credit in ART 4763.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Graduate

**Schedule types:** Lecture

**Department/School:** Art

**ART 5783 Rembrandt Van Rijn**

**Prerequisites:** Graduate student standing.

**Description:** On-site museum experience, including exhibition selection and preparation, collection cataloging and research, museum education, and museum administration.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Graduate

**Schedule types:** Lecture

**Department/School:** Art

**ART 5793 Architecture and Space in East Asia**

**Description:** History of Architecture in East Asia from the traditional Chinese timber frame to the 20th century. Will address how architecture delivers political ideologies and structures social relationships, both symbolically and in practice. May not be used for degree credit with ART 4793.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Graduate

**Schedule types:** Lecture

**Department/School:** Art

**ART 5810 Museum Studies Internship**

**Prerequisites:** Graduate student standing.

**Description:** On-site museum experience, including exhibition selection and preparation, collection cataloging and research, museum education, and museum administration. Offered for variable credit, 1-3 credit hours, maximum of 6 credit hours.

**Credit hours:** 1-3

**Contact hours:** Contact: 1-3 Other: 1-3

**Levels:** Graduate

**Schedule types:** Independent Study

**Department/School:** Art

**ART 5813 Museum Exhibition**

**Prerequisites:** Graduate standing or permission of instructor.

**Description:** Designing an exhibition that draws on the Oklahoma State University art collection. Includes museum history, theory, and curatorial practice. Same course as ART 4813.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Graduate

**Schedule types:** Lecture

**Department/School:** Art

**ART 5850 Special Topics in Graphic Design**

**Description:** Course in graphic design and design media exploration, current practices, and contemporary issues. Includes specific topics such as: advanced typography, (lettering, typeface design), exhibition design, way-finding and navigational graphics, design writing workshop, magazine design, new media tools, and creative coding. Offered on campus or through extension workshops. May not be used for degree credit with ART 4850. Offered for fixed credit, 3 credit hours, maximum of 6 credit hours.

**Credit hours:** 3

**Contact hours:** Lab: 6 Contact: 6

**Levels:** Graduate

**Schedule types:** Lab

**Department/School:** Art

**ART 5860 Art History Seminar**

**Description:** Art history seminar courses on special subjects and various issues. Open to major and non-major students. May not be used for degree credit with ART 4860. Offered for fixed credit, 3 credit hours, maximum of 12 credit hours.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Graduate

**Schedule types:** Lecture

**Department/School:** Art

**ART 5900 Graduate Studies in Art**

**Prerequisites:** BA, BFA or 15 upper-division hours in a discipline; consent of instructor.

**Description:** Projects in art with emphasis on portfolio preparation. Offered for variable credit, 1-6 credit hours, maximum of 12 credit hours.

**Credit hours:** 1-6

**Contact hours:** Contact: 1-6 Other: 1-6

**Levels:** Graduate

**Schedule types:** Independent Study

**Department/School:** Art

**ART 5910 Graduate Studies in Art History**

**Prerequisites:** BA, BFA or 15 upper-division hours in art history; consent of instructor.

**Description:** Advanced research in art history. Offered for variable credit, 1-6 credit hours, maximum of 12 credit hours.

**Credit hours:** 1-6

**Contact hours:** Contact: 1-6 Other: 1-6

**Levels:** Graduate

**Schedule types:** Independent Study

**Department/School:** Art

**ART 5920 Art History Graduate Seminar**

**Description:** Special topics graduate seminar in art history. Offered for variable credit, 3-12 credit hours, maximum of 12 credit hours.

**Credit hours:** 3-12

**Contact hours:** Contact: 3-24 Other: 3-24

**Levels:** Graduate

**Schedule types:** Independent Study

**Department/School:** Art

**ART 5973 20th Century Chinese Art**

**Description:** This course will explore the ways in which Chinese artists of of the 20th century have defined China's history and culture. May not be used for degree credit with ART 4973.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Graduate

**Schedule types:** Lecture

**Department/School:** Art

## Undergraduate Programs

- Art: Art History, BA (p. 1019)
- Art: Graphic Design, BFA (p. 1023)
- Art: Studio Art, BA (p. 1027)
- Art: Studio, BFA (p. 1031)

## Graduate Programs

The Department of Art, Graphic Design and Art History offers an MA Program in Art History.

## The Master of Arts Degree in Arts History

This program differs from most traditional art history programs through its emphasis on intercultural connections, globalism and transnationalism. The program includes a broad geo-cultural spectrum with six full-time faculty members who specialize in the art of the Americas, Europe and Asia. In partnership with the OSU Museum of Art, Postal Plaza Gallery and the Gardiner Gallery of Art in the Bartlett Center, students may also take coursework and gain hands-on training in museum and curatorial studies. The MA degree requires a minimum of 30 hours of graduate coursework, a thesis and a defense. Students

will select two geographic areas of concentration within the five currently offered in the Department of Art, one to be the major area and the other the minor (the current areas are Europe, United States, Latin America, East Asia, and the Islamic World). A selection of courses, both lecture and seminar, will be taken in these areas. At least one course outside the department will be in the major area. Generally, the master's thesis will relate to the cultural connections between the major and minor areas. There is also a 36-credit non-thesis option. An additional museum and curatorial studies graduate certificate is also available as an option to students.

## Art History Admission Requirements

All applicants must complete the online application (including the submission of transcripts, fee, and for international students, TOEFL scores), to be found at [grad.okstate.edu](http://grad.okstate.edu) (<http://gradcollege.okstate.edu>). In addition, applicants should also submit three letters of recommendation, a statement of purpose and a writing sample (5-10 pages; an excerpt from a longer work is acceptable). Prerequisites include five undergraduate courses in art history; foreign language experience is also recommended. While many applicants will have majored in art history, the MA program welcomes applications from graduates with bachelor's degrees in other fields. MA students may take prerequisites during the program; however, they will not count toward the 30 hours required for graduation.

## The Master of Fine Arts in Graphic Design

This program specializes in a unique combination of Interaction Design, Motion Design and Visual Communication. Interaction Design and Motion Design in particular are among the most rapidly expanding areas in the field of graphic design. This is a three-year, sixty credit hour, terminal degree that will develop students' expertise as graphic designers in Interaction Design and Motion Design, while developing their research, presentation and writing skills. MFA graduates will be able to respond to both the creative demands of the graphic design profession and the research and teaching requirements of academia.

## Graphic Design Admission Requirements

All applicants must complete the online application (including the submission of transcripts, fee, and for international students, TOEFL scores), to be found at [grad.okstate.edu](https://grad.okstate.edu) (<https://gradcollege.okstate.edu>). In addition, applicants should also submit three letters of recommendation, a statement of purpose and a portfolio of 15 to 20 examples of work.

## Minors

- Art History (ARTH), Minor (p. 1018)
- Pre-Art Therapy (PART), Minor (p. 1035)
- Studio Art (STDA), Minor (p. 1036)

## Faculty

Chris Ramsay, MFA—Interim Department Head

**Professors:** Rebecca Brienen, PhD; Chris Ramsay, MFA; Brandon Reese, MFA; Elizabeth Roth, MFA; Mark D. Sisson, MFA; Jack Titus, MFA

**Associate Professors:** Jennifer Borland, PhD; Cristina Cruz Gonzalez, PhD; Justen Renyer, MFA; Louise Siddons, PhD; Shaoqian Zhang, PhD

**Assistant Professors:** Irene Backus, PhD; James Ewald, MFA; Pouya Jahanshahi, MFA; Andy Mattern, MFA; Nick Mendoza, MFA; Ting Wang-Hedges, MFA

## Art History (ARTH), Minor

**Requirements for Students Matriculating in or before Academic Year 2022-2023.** Learn more about University Academic Regulation 3.1 (p. 943).

**Ulrike Schoenknecht**, 408 BC, 405-744-4064

**Total Hours:** 15

Code	Title	Hours
<b>Minor Requirements</b>		
Choose 5 courses of Art History, of which at least 12 hours must be upper-division.		15
ART 1503	Art History Survey I (H)	
ART 1513	Art History Survey II (H)	
ART 1603	Introduction to Global Art (H)	
ART 3543	Leonardo, Art, And Science (H)	
ART 3553	Fashioning and Self Fashioning: The Renaissance Portrait (H)	
ART 3563	History of Prints and Printmaking	
ART 3583	Introduction to Museum and Curatorial Studies (H)	
ART 3600	Writing Methods In Art History	
ART 3603	History of Classical Art (H)	
ART 3623	History of Italian Renaissance Art (H)	
ART 3633	History of Baroque Art (H)	
ART 3643	History of Graphic Design	
ART 3653	History of 19th Century Art (H)	
ART 3663	History of American Art (DH)	
ART 3673	History of Northern Renaissance Art	
ART 3683	History of 20th Century Art (HI)	
ART 3693	Survey of Asian Art (H)	
ART 3713	Early Medieval Art: Saints, Martyrs, Pagans (H)	
ART 3723	Court and Cloister: Medieval Art 1050-1400 (H)	
ART 3733	History of Latin American Art I	
ART 3743	History of Latin American Art II (HI)	
ART 3753	The Arts of Spain and the Spanish World (H)	
ART 4583	Rome: The Eternal City in Art and Film (H)	
ART 4593	Art of Conversion: 16th Century Art in Mexico (H)	
ART 4603	History of Ancient Egyptian Art	
ART 4613	Art Since 1960	
ART 4653	History of Indian Art	
ART 4663	History of Chinese Art (H)	
ART 4673	History of Japanese Art	
ART 4683	Modern and Contemporary Art in Asia	
ART 4693	Gender And Visual Culture	
ART 4703	Art East and West: Biases and Borrowings	
ART 4713	The Visual Culture of the Islamic World (HI)	
ART 4723	History of Museums and Collecting	
ART 4733	Museum Education	

ART 4763	Native American Art and Material Culture
ART 4793	Architecture and Space in East Asia
ART 4800	Special Studies in Art
ART 4810	Museum Internship
ART 4813	Museum Exhibition
ART 4830	Apprenticeship
ART 4910	Directed Study in Art History
ART 4920	Art History Symposium
ART 4933	Art in Context
ART 4973	20th Century Chinese Art
ART 4993	Senior Honors Project

**Total Hours** 15

## Other Requirements

- GPA of 2.5 with no grade below "C."

## Additional OSU Requirements

### Undergraduate Minors

- An undergraduate minor must include between fifteen and thirty hours, inclusive of undergraduate coursework.
- A minimum of six credit hours for the minor must be earned in residence at OSU.
- The courses required for a minor may be included in the course requirements for any undergraduate degree or they may be in addition to degree requirements, depending on the overlap between the minor and degree requirements. However, an undergraduate minor must be earned in an academic field other than the student's declared degree option. The minor may not duplicate the degree major or option (for example, a student who earns a BA in Art with an Art History option may earn a minor in Studio Art but not Art History).
- A student generally follows the minor requirements associated with his or her matriculation year or newer requirements that have been established since matriculation. The time limit for following requirements from a given academic year is six years.

For additional information on requirements on minors, click here (<https://adminfinance.okstate.edu/site-files/documents/policies/requirements-for-undergraduate-and-graduate-minors.pdf>).



## Art: Art History, BA

### Degree Requirements

**Requirements for Students Matriculating in or before Academic Year 2022-2023.** Learn more about University Academic Regulation 3.1 (p. 943).

**Minimum Overall Grade Point Average:** 2.00

**Total Hours:** 120

Code	Title	Hours
<b>General Education Requirements</b>		
<i>English Composition</i>		
See Academic Regulation 3.5 (p. 944)		
ENGL 1113	Composition I	3
or ENGL 1313	Critical Analysis and Writing I	
Select one of the following:		3
ENGL 1213	Composition II	
ENGL 1413	Critical Analysis and Writing II	
ENGL 3323	Technical Writing	
<i>American History &amp; Government</i>		
HIST 1103	Survey of American History	3
or HIST 1483	American History to 1865 (H)	
or HIST 1493	American History Since 1865 (DH)	
POLS 1113	American Government	3
<i>Analytical &amp; Quantitative Thought (A)</i>		
MATH or STAT course designated (A)		3
<i>Humanities (H)</i>		
Courses designated (H)		6
<i>Natural Sciences (N)</i>		
Must include one Laboratory Science (L) course		
Courses designated (N)		6
<i>Social &amp; Behavioral Sciences (S)</i>		
Course designated (S)		3
<i>Additional General Education</i>		
Courses designated (A), (H), (N), or (S)		10
<b>Hours Subtotal</b>		<b>40</b>
<b>Diversity (D) &amp; International Dimension (I)</b>		
May be completed in any part of the degree plan		
Select at least one Diversity (D) course		
Select at least one International Dimension (I) course		
<b>College/Departmental Requirements</b>		
<i>First Year Seminar</i>		
(Transfer students with 15 hours exempt)		1
<i>Arts &amp; Humanities</i>		
See note 2.a.		9
<i>Natural &amp; Mathematical Sciences</i>		
See note 2.b.		3
<i>Foreign Language</i>		
See note 3		9
<i>Non-Western Studies</i>		
Select at least one course		
See note 2.d.		

#### Upper-Division General Education

Select 6 hours outside major department

See note 2.c.

**Hours Subtotal** **22**

#### Major Requirements

Minimum 3.00 GPA in all Art History courses <sup>1</sup>

Minimum grade of "C" in all ART courses

#### Art History Core

ART 1503	Art History Survey I (H)	3
ART 1513	Art History Survey II (H)	3
ART 3600	Writing Methods In Art History (1 hour taken concurrently with upper-division Art History course)	1
ART 4933	Art in Context	3
ART 4920	Art History Symposium (2 hours)	2

#### Art History Electives

Select 24 hours (18 hours must be upper-division) from: **24**

ART 3543	Leonardo, Art, And Science (H)	
ART 3553	Fashioning and Self Fashioning: The Renaissance Portrait (H)	
ART 3563	History of Prints and Printmaking	
ART 3583	Introduction to Museum and Curatorial Studies (H)	
ART 3600	Writing Methods In Art History	
ART 3603	History of Classical Art (H)	
ART 3623	History of Italian Renaissance Art (H)	
ART 3633	History of Baroque Art (H)	
ART 3643	History of Graphic Design	
ART 3653	History of 19th Century Art (H)	
ART 3663	History of American Art (DH)	
ART 3673	History of Northern Renaissance Art	
ART 3683	History of 20th Century Art (HI)	
ART 3693	Survey of Asian Art (H)	
ART 3713	Early Medieval Art: Saints, Martyrs, Pagans (H)	
ART 3723	Court and Cloister: Medieval Art 1050-1400 (H)	
ART 3733	History of Latin American Art I	
ART 3743	History of Latin American Art II (HI)	
ART 3753	The Arts of Spain and the Spanish World (H)	
ART 4583	Rome: The Eternal City in Art and Film (H)	
ART 4593	Art of Conversion: 16th Century Art in Mexico (H)	
ART 4603	History of Ancient Egyptian Art	
ART 4613	Art Since 1960	
ART 4653	History of Indian Art	
ART 4663	History of Chinese Art (H)	
ART 4673	History of Japanese Art	
ART 4683	Modern and Contemporary Art in Asia	
ART 4693	Gender And Visual Culture	
ART 4703	Art East and West: Biases and Borrowings	
ART 4713	The Visual Culture of the Islamic World (HI)	



ART 4723	History of Museums and Collecting	
ART 4733	Museum Education	
ART 4763	Native American Art and Material Culture	
ART 4793	Architecture and Space in East Asia	
ART 4800	Special Studies in Art	
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ART 4920	Art History Symposium	
ART 4933	Art in Context	
ART 4973	20th Century Chinese Art	
ART 4993	Senior Honors Project	

*Upper-Division Related Courses*

Select 6 hours of ARCH, AMST, ANTH, HIST, PHIL, or other courses with approval of departmental advisor 6

**Hours Subtotal** 42

**Electives**

Select 16 hours. May need to include 6 hours upper-division general education outside major department (see note 2.c.) and 10 additional upper-division hours 16

**Hours Subtotal** 16

**Total Hours** 120

1

Courses include those listed below:

Code	Title	Hours
<b>Art History course list</b>		
HIST 3593	Introduction to Museum and Cultural Studies (H)	3
ART 1513	Art History Survey II (H)	3
ART 1603	Introduction to Global Art (H)	3
ART 3543	Leonardo, Art, And Science (H)	3
ART 3553	Fashioning and Self Fashioning: The Renaissance Portrait (H)	3
ART 3563	History of Prints and Printmaking	3
ART 3573	History of Photography	3
ART 3583	Introduction to Museum and Curatorial Studies (H)	3
ART 3600	Writing Methods In Art History	1
ART 3603	History of Classical Art (H)	3
ART 3623	History of Italian Renaissance Art (H)	3
ART 3633	History of Baroque Art (H)	3
ART 3643	History of Graphic Design	3
ART 3653	History of 19th Century Art (H)	3
ART 3663	History of American Art (DH)	3
ART 3673	History of Northern Renaissance Art	3
ART 3683	History of 20th Century Art (HI)	3
ART 3693	Survey of Asian Art (H)	3
ART 3713	Early Medieval Art: Saints, Martyrs, Pagans (H)	3
ART 3723	Court and Cloister: Medieval Art 1050-1400 (H)	3

ART 3733	History of Latin American Art I	3
ART 3743	History of Latin American Art II (HI)	3
ART 3753	The Arts of Spain and the Spanish World (H)	3
ART 3763	Art Travel Course	3
ART 3773	History of African American Art	3
ART 3800	Special Topics in Art History	3
ART 3890	Art History Honors Course	3
ART 4583	Rome: The Eternal City in Art and Film (H)	3
ART 4593	Art of Conversion: 16th Century Art in Mexico (H)	3
ART 4603	History of Ancient Egyptian Art	3
ART 4613	Art Since 1960	3
ART 4653	History of Indian Art	3
ART 4663	History of Chinese Art (H)	3
ART 4673	History of Japanese Art	3
ART 4683	Modern and Contemporary Art in Asia	3
ART 4693	Gender And Visual Culture	3
ART 4703	Art East and West: Biases and Borrowings	3
ART 4713	The Visual Culture of the Islamic World (HI)	3
ART 4723	History of Museums and Collecting	3
ART 4733	Museum Education	3
ART 4763	Native American Art and Material Culture	3
ART 4783	Rembrandt Van Rijn	3
ART 4800	Special Studies in Art	1-3
ART 4810	Museum Internship	1-3
ART 4813	Museum Exhibition	3
ART 4830	Apprenticeship	1-6
ART 4910	Directed Study in Art History	1-3
ART 4920	Art History Symposium	1
ART 4933	Art in Context	3
ART 4973	20th Century Chinese Art	3
ART 4993	Senior Honors Project	3

## Other Requirements

- See the College of Arts and Sciences Requirements.
- **Upper-Division Credit:** Total hours must include at least 40 hours in courses numbered 3000 or above.
- **Hours in One Department:** For B.A. and B.S. degrees, no more than 54 hours in one department may be applied to degree requirements.

## College of Arts and Sciences Requirements

### 1. General Education Requirements

No more than two courses (or eight hours) from the major department (<http://catalog.okstate.edu/college-arts-sciences-major-departments/>) may be used to meet General Education and College and Departmental Requirements. The General Education required English Composition, required U.S. History, required American Government, one required MATH or STAT course, and required foreign language for B.A. degrees do not count against the two-course maximum.

### 2. A&S College/Departmental Requirements

- a. Arts and Humanities are defined as any course carrying an (H) designation or courses from AMST, ART, DANC, ENGL (except ENGL 3323 Technical Writing) HIST, MUSI, PHIL (except PHIL 1313 Logic and Critical Thinking (A), PHIL 3003 Symbolic Logic (A) and PHIL 4003 Mathematical Logic and Computability), REL, TH, and foreign languages.
- b. Natural and Mathematical Sciences are defined as any course from the following prefixes: ASTR, BIOC, BIOL, CHEM, CS (except CS 4883 Social Issues in Computing), GEOL, MATH, MICR, PBIO, PHYS, and STAT; or courses from other departments that carry an (A) or (N) general education designation.
- c. The required six hours of upper-division General Education may not include courses from the student's major department. This requirement may be satisfied by courses also used to satisfy any part of a student's degree program (i.e., in General Education, College Departmental Requirements, Major Requirements or Electives).
- d. Non-Western Studies Requirement for B.A. and B.F.A.; One 3-hour course in Non-Western Studies (N.W.). This requirement may be satisfied by courses also used to satisfy any part of a student's degree program (i.e., in General Education, College Departmental Requirements, Major Requirements or Electives).
- e. The College of Arts & Sciences requires a minimum 2.0 GPA in all major requirements and a minimum 2.0 GPA in all major-prefix courses applied to the degree.

### 3. Foreign Language Proficiency

- a. The foreign language requirement for the B.A. may be satisfied by 9 hours college credit in the same language, which must include 3 hours at the 2000-level, or equivalent proficiency (e.g., passing an advanced standing examination; TOEFL exam; presenting a high school transcript which demonstrates the high school was primarily conducted in a language other than English; etc.). Computer Science courses may not be used to satisfy this requirement. Currently Arabic and Mvskoke are not offered at the 2000-level at OSU.
- b. The foreign language requirement for the B.S., B.M. and B.F.A. may be satisfied by presenting a high school transcript which demonstrates two years of study of a single foreign language (passing grades at second-year level of study). It may also be satisfied by 6 hours college credit in the same language, which must include language courses 1713 and 1813, or equivalent proficiency (e.g., passing an advanced standing examination; TOEFL exam; presenting a high school transcript which demonstrates the high school was primarily conducted in a language other than English; etc.). Computer Science courses may not be used to satisfy this requirement.
- c. In addition to a. and b., students pursuing teacher certification must meet novice-high foreign language proficiency by presenting a high school transcript which demonstrates two years of study of a single foreign language with no grade below B. Or, students may complete 3 hours college credit in a single language with no grade below C (or pass an advanced standing examination, College Level Examination Program (CLEP) exam, or Oral Proficiency Interview developed by the American Council on the Teaching of Foreign Languages, equivalent to 3 hours of college credit.) Or, students may meet the requirement by transfer of documentation of meeting the foreign language competency from one of the teacher education programs in the State of Oklahoma approved by the Oklahoma State Regents for Higher Education.

### 4. Exclusions

- a. Courses used to satisfy the General Education English Composition, U.S. History, American Government, and Mathematics or Statistics requirements will not count toward the 54-hour maximum allowed from one department.
- b. Courses with ATHL or LEIS prefixes and leisure activity courses may not be used for degree credit.

## Additional State/OSU Requirements

- At least: 60 hours at a four-year institution; 30 hours completed at OSU; 15 of the final 30 or 50% of the upper-division hours in the major field completed at OSU.
- Limit of: one-half of major course requirements as transfer work; one-fourth of hours earned by correspondence; 8 transfer correspondence hours.
- Students will be held responsible for degree requirements in effect at the time of matriculation and any changes that are made, so long as these changes do not result in semester credit hours being added or do not delay graduation.
- Degrees that follow this plan must be completed by the end of Summer 2028.

## Example Plan of Study

### Finish in Four Plan of Study

The plan below is an **example** of how students can successfully complete degree requirements in four years. This suggested class schedule plan may be used as a guide and can be adjusted based on individual needs. Students are required to meet with an academic advisor prior to enrollment each semester to plan their class schedule, and students are ultimately responsible for completing all degree requirements.

Course	Title	Hours
<b>Freshman</b>		
<b>Fall</b>		
ENGL 1113	Composition I	3
ART 1503	Art History Survey I (H)	3
General Educations courses		9
<b>Hours</b>		<b>15</b>
<b>Spring</b>		
ENGL 1213	Composition II	3
ART 1513	Art History Survey II (H)	3
General Education Courses		9
<b>Hours</b>		<b>15</b>
<b>Sophomore</b>		
<b>Fall</b>		
1713	First Semester Foreign Language	3
3 hours Upper-Division Art History		3
Major, College, and Elective courses		9
<b>Hours</b>		<b>15</b>
<b>Spring</b>		
ART 3600	Writing Methods In Art History	1
1813	Second Semester Foreign Language	3
3 hours Upper-Division Art History		3
Major, College, and Elective courses		8
<b>Hours</b>		<b>15</b>
<b>Junior</b>		
<b>Fall</b>		
2000-level	Foreign Language	3
6 hours Upper-Division Art History		6

Major, College, and Elective courses	6
<b>Hours</b>	<b>15</b>
<b>Spring</b>	
ART 4933 Art in Context	3
3 hours Upper-Division Art History	3
Major, College, and Elective courses	9
<b>Hours</b>	<b>15</b>
<b>Senior</b>	
<b>Fall</b>	
6 hours Upper-Division Art History	6
Major, College, and Elective courses	9
<b>Hours</b>	<b>15</b>
<b>Spring</b>	
ART 4920 Art History Symposium	2
3 hours Upper-Division Art History	3
Major, College, and Elective courses	10
<b>Hours</b>	<b>15</b>
<b>Total Hours</b>	<b>120</b>

# Art: Graphic Design, BFA

## Degree Requirements

**Requirements for Students Matriculating in or before Academic Year 2022-2023.** Learn more about University Academic Regulation 3.1 (p. 943).

**Minimum Overall Grade Point Average:** 2.00

**Total Hours:** 120

Code	Title	Hours
<b>General Education Requirements</b>		
<i>English Composition</i>		
See Academic Regulation 3.5 (p. 944)		
ENGL 1113	Composition I	3
or ENGL 1313	Critical Analysis and Writing I	
Select one of the following:		3
ENGL 1213	Composition II	
ENGL 1413	Critical Analysis and Writing II	
ENGL 3323	Technical Writing	
<i>American History &amp; Government</i>		
HIST 1103	Survey of American History	3
or HIST 1483	American History to 1865 (H)	
or HIST 1493	American History Since 1865 (DH)	
POLS 1113	American Government	3
<i>Analytical &amp; Quantitative Thought (A)</i>		
MATH or STAT course designated (A)		3
<i>Humanities (H)</i>		
Courses designated (H)		6
<i>Natural Sciences (N)</i>		
Must include one Laboratory Science (L) course		
Courses designated (N)		6
<i>Social &amp; Behavioral Sciences (S)</i>		
Course designated (S)		3
<i>Additional General Education</i>		
Courses designated (A), (H), (N), or (S)		10
<b>Hours Subtotal</b>		<b>40</b>
<b>Diversity (D) &amp; International Dimension (I)</b>		
May be completed in any part of the degree plan		
Select at least one Diversity (D) course		
Select at least one International Dimension (I) course		
<b>College/Departmental Requirements</b>		
<i>First Year Seminar</i>		
(Transfer students with 15 hours exempt)		1
<i>Arts &amp; Humanities</i>		
ART 3683	History of 20th Century Art (HI)	3
Select 3 hours upper-division Art History from:		3
ART 3543	Leonardo, Art, And Science (H)	
ART 3553	Fashioning and Self Fashioning: The Renaissance Portrait (H)	
ART 3563	History of Prints and Printmaking	
ART 3573	History of Photography	

ART 3583	Introduction to Museum and Curatorial Studies (H)	
ART 3600	Writing Methods In Art History	
ART 3603	History of Classical Art (H)	
ART 3623	History of Italian Renaissance Art (H)	
ART 3633	History of Baroque Art (H)	
ART 3643	History of Graphic Design	
ART 3653	History of 19th Century Art (H)	
ART 3663	History of American Art (DH)	
ART 3673	History of Northern Renaissance Art	
ART 3683	History of 20th Century Art (HI)	
ART 3693	Survey of Asian Art (H)	
ART 3713	Early Medieval Art: Saints, Martyrs, Pagans (H)	
ART 3723	Court and Cloister: Medieval Art 1050-1400 (H)	
ART 3733	History of Latin American Art I	
ART 3743	History of Latin American Art II (HI)	
ART 3753	The Arts of Spain and the Spanish World (H)	
ART 4583	Rome: The Eternal City in Art and Film (H)	
ART 4593	Art of Conversion: 16th Century Art in Mexico (H)	
ART 4603	History of Ancient Egyptian Art	
ART 4613	Art Since 1960	
ART 4653	History of Indian Art	
ART 4663	History of Chinese Art (H)	
ART 4673	History of Japanese Art	
ART 4683	Modern and Contemporary Art in Asia	
ART 4693	Gender And Visual Culture	
ART 4703	Art East and West: Biases and Borrowings	
ART 4713	The Visual Culture of the Islamic World (HI)	
ART 4723	History of Museums and Collecting	
ART 4733	Museum Education	
ART 4763	Native American Art and Material Culture	
ART 4793	Architecture and Space in East Asia	
ART 4800	Special Studies in Art	
ART 4810	Museum Internship	
ART 4813	Museum Exhibition	
ART 4830	Apprenticeship	
ART 4910	Directed Study in Art History	
ART 4920	Art History Symposium	
ART 4933	Art in Context	
ART 4973	20th Century Chinese Art	
ART 4993	Senior Honors Project	
Select 3 additional hours		3
See note 2.a.		
<i>Foreign Language</i>		
See note 3		0
0-6 hours		
<i>Non-Western Studies</i>		
Select at least one course		
See note 2.d.		

*Upper-Division General Education*

Select 6 hours outside major department

See note 2.c.

**Hours Subtotal 10****Major Requirements**

Minimum GPA in all ART courses 2.75 with a minimum grade of "C" in all ART courses

*Core Curriculum*

ART 1103 Drawing I 3

ART 1203 Visual Thinking: Image and Surface 3

ART 1303 Visual Thinking: Form and Space 3

ART 1503 Art History Survey I (H) 3

ART 1513 Art History Survey II (H) 3

*Lower-division Professional Sequence*

2.75 GPA required to take courses:

ART 2413 Typography I 3

ART 2423 Graphic Design I 3

Select 3 hours Studio Art from: 3

ART 1113 Drawing II

ART 2113 Life Drawing

ART 2223 Oil Painting I

ART 2233 Watercolor I

ART 2243 Jewelry and Metals I

ART 2253 Ceramics I

ART 2263 Sculpture I

ART 2273 Printmaking I

ART 2283 Studio Art Digital Survey

ART 2293 Photography I

ART 2093 Non-Major Photography I

Select 12 hours upper-division Studio Art or career-related areas from: 12

ART 3110 Life Drawing Studio

ART 3213 Public and Installation Art

ART 3223 Oil Painting II

ART 3233 Watercolor II

ART 3243 Jewelry And Metals II

ART 3253 Ceramics II

ART 3263 Sculpture II

ART 3273 Printmaking II

ART 3293 New Genres in Studio Art

ART 3383 Digital Imaging

ART 3393 Photography II

ART 3403 Illustration II

ART 3413 Typography II

ART 3423 Graphic Design II

ART 3453 Motion Design I

ART 3463 Interaction Design I

ART 4053 Alternative Photography

ART 4100 Advanced Drawing

ART 4211 BFA Studio Capstone Exhibition

ART 4213 BFA Studio Capstone

ART 4220 Oil Painting Studio

ART 4223 BA Studio Capstone

ART 4230 Watercolor Studio

ART 4240 Jewelry and Metals Studio

ART 4250 Ceramics Studio

ART 4260 Sculpture Studio

ART 4270 Printmaking Studio

ART 4280 Photography Studio

ART 4420 Graphic Design Studio

ART 4430 Illustration Studio

ART 4450 Motion Design Studio

ART 4460 Interaction Design Studio

ART 4493 Portfolio Capstone

ART 4800 Special Studies in Art

ART 4820 Graphic Design Internship

ART 4830 Apprenticeship

ART 4900 Directed Study In Art

MC 2003 Mass Media Style and Structure

MC 2023 Electronic Communication

MC 3173 History of Mass Communication (H)

MC 4143 Ethics and Issues in Mass Communications

MC 4153 International Mass Communication

MC 4163 Mass Communication Law

MC 4733 Responsibility in Mass Communication

MMJ 3153 Fundamentals of Video and Studio Production

MMJ 3263 Multimedia Reporting

MMJ 3293 Information Graphics

MMJ 3623 Internet Communication

MMJ 3823 Photography I

MMJ 3913 Field Production

MMJ 4393 Data Journalism

MMJ 4423 Graphic Design in Multimedia

MMJ 4540 Specialized Multimedia Journalism Applications

SC 2183 Introduction to Strategic Communications

SC 3753 Graphic Design for Strategic Communication

SC 4013 Advertising Media and Markets

SC 4653 Electronic Media Advertising

MKTG 3213 Marketing (S)

MKTG 3313 Personal Marketing and Professional Development

MKTG 3323 Consumer and Market Behavior

MKTG 3433 Promotional Strategy

MKTG 3473 Professional Selling

MKTG 3613 Retailing Management

MKTG 3993 International Business (I)

MKTG 4333 Marketing Research

MKTG 4343 Brand Marketing

MKTG 4443 Social Issues in the Marketing Environment

MKTG 4513 Sales Management

MKTG 4550 Problems In Marketing

MKTG 4553	International Marketing	
MKTG 4623	Marketing Design Essentials	
MKTG 4993	Digital Marketing	
MSIS 2103	Business Data Science Technologies	
<i>Upper-division Professional Sequence</i>		
Proficiency review required to take courses:		
ART 3413	Typography II	3
ART 3423	Graphic Design II	3
ART 3453	Motion Design I	3
ART 3463	Interaction Design I	3
ART 3643	History of Graphic Design	3
ART 4493	Portfolio Capstone	3
Select 9 hours of the following:		9
ART 4420	Graphic Design Studio (3-6 hours)	
ART 4450	Motion Design Studio (3-6 hours)	
ART 4460	Interaction Design Studio (3-6 hours)	
<b>Hours Subtotal</b>		<b>63</b>
<b>Electives</b>		
Select 7 hours		7
May need to include 6 hours of a foreign language (see note 3)		
May need to include 6 hours upper-division general education outside major department (see note 2.c.)		
<b>Hours Subtotal</b>		
<b>Total Hours</b>		<b>120</b>

## Other Requirements

- See the College of Arts and Sciences Requirements.
- **Upper-Division Credit:** Total hours must include at least 40 hours in courses numbered 3000 or above.
- **Hours in One Department:** For B.A. and B.S. degrees, no more than 54 hours in one department may be applied to degree requirements.

## College of Arts and Sciences Requirements

### 1. General Education Requirements

No more than two courses (or eight hours) from the major department (<http://catalog.okstate.edu/college-arts-sciences-major-departments/>) may be used to meet General Education and College and Departmental Requirements. The General Education required English Composition, required U.S. History, required American Government, one required MATH or STAT course, and required foreign language for B.A. degrees do not count against the two-course maximum.

### 2. A&S College/Departmental Requirements

- Arts and Humanities are defined as any course carrying an (H) designation or courses from AMST, ART, DANC, ENGL (except ENGL 3323 Technical Writing) HIST, MUSI, PHIL (except PHIL 1313 Logic and Critical Thinking (A), PHIL 3003 Symbolic Logic (A) and PHIL 4003 Mathematical Logic and Computability), REL, TH, and foreign languages.
- Natural and Mathematical Sciences are defined as any course from the following prefixes: ASTR, BIOC, BIOL, CHEM, CS (except CS 4883 Social Issues in Computing), GEOL, MATH, MICR, PBIO, PHYS, and STAT; or courses from other departments that carry an (A) or (N) general education designation.

- The required six hours of upper-division General Education may not include courses from the student's major department. This requirement may be satisfied by courses also used to satisfy any part of a student's degree program (i.e., in General Education, College Departmental Requirements, Major Requirements or Electives).
- Non-Western Studies Requirement for B.A. and B.F.A.; One 3-hour course in Non-Western Studies (N.W.). This requirement may be satisfied by courses also used to satisfy any part of a student's degree program (i.e., in General Education, College Departmental Requirements, Major Requirements or Electives).
- The College of Arts & Sciences requires a minimum 2.0 GPA in all major requirements and a minimum 2.0 GPA in all major-prefix courses applied to the degree.

### 3. Foreign Language Proficiency

- The foreign language requirement for the B.A. may be satisfied by 9 hours college credit in the same language, which must include 3 hours at the 2000-level, or equivalent proficiency (e.g., passing an advanced standing examination; TOEFL exam; presenting a high school transcript which demonstrates the high school was primarily conducted in a language other than English; etc.). Computer Science courses may not be used to satisfy this requirement. Currently Arabic and Mvskoke are not offered at the 2000-level at OSU.
- The foreign language requirement for the B.S., B.M. and B.F.A. may be satisfied by presenting a high school transcript which demonstrates two years of study of a single foreign language (passing grades at second-year level of study). It may also be satisfied by 6 hours college credit in the same language, which must include language courses 1713 and 1813, or equivalent proficiency (e.g., passing an advanced standing examination; TOEFL exam; presenting a high school transcript which demonstrates the high school was primarily conducted in a language other than English; etc.). Computer Science courses may not be used to satisfy this requirement.
- In addition to a. and b., students pursuing teacher certification must meet novice-high foreign language proficiency by presenting a high school transcript which demonstrates two years of study of a single foreign language with no grade below B. Or, students may complete 3 hours college credit in a single language with no grade below C (or pass an advanced standing examination, College Level Examination Program (CLEP) exam, or Oral Proficiency Interview developed by the American Council on the Teaching of Foreign Languages, equivalent to 3 hours of college credit.) Or, students may meet the requirement by transfer of documentation of meeting the foreign language competency from one of the teacher education programs in the State of Oklahoma approved by the Oklahoma State Regents for Higher Education.

### 4. Exclusions

- Courses used to satisfy the General Education English Composition, U.S. History, American Government, and Mathematics or Statistics requirements will not count toward the 54-hour maximum allowed from one department.
- Courses with ATHL or LEIS prefixes and leisure activity courses may not be used for degree credit.



## Additional State/OSU Requirements

- At least: 60 hours at a four-year institution; 30 hours completed at OSU; 15 of the final 30 or 50% of the upper-division hours in the major field completed at OSU.
- Limit of: one-half of major course requirements as transfer work; one-fourth of hours earned by correspondence; 8 transfer correspondence hours.
- Students will be held responsible for degree requirements in effect at the time of matriculation and any changes that are made, so long as these changes do not result in semester credit hours being added or do not delay graduation.
- Degrees that follow this plan must be completed by the end of Summer 2028.

## Example Plan of Study Finish in Four Plan of Study

The plan below is an example of how students can successfully complete degree requirements in four years. This suggested class schedule plan may be used as a guide and can be adjusted based on individual needs. Students are required to meet with an academic advisor prior to enrollment each semester to plan their class schedule, and students are ultimately responsible for completing all degree requirements.

Course	Title	Hours
<b>Freshman</b>		
<b>Fall</b>		
ART 1103	Drawing I	3
ART 1203	Visual Thinking: Image and Surface	3
ART 1503	Art History Survey I (H)	3
General Education courses		5
<b>Hours</b>		<b>14</b>
<b>Spring</b>		
ART 1513	Art History Survey II (H)	3
ART 1303	Visual Thinking: Form and Space	3
General Education courses		10
<b>Hours</b>		<b>16</b>
<b>Sophomore</b>		
<b>Fall</b>		
ART 2413 or ART 2423	Typography I or Graphic Design I	3
ART 3643	History of Graphic Design	3
General Education courses		9
<b>Hours</b>		<b>15</b>
<b>Spring</b>		
ART 2423 or ART 2413	Graphic Design I or Typography I	3
Major, College, and Elective courses		12
<b>Hours</b>		<b>15</b>
<b>Junior</b>		
<b>Fall</b>		
ART 3413	Typography II (F)	3
ART 3453 or ART 3463	Motion Design I or Interaction Design I	3
Major, College, and Elective courses		9
<b>Hours</b>		<b>15</b>
<b>Spring</b>		
ART 3423	Graphic Design II (Sp)	3
ART 3463 or ART 3453	Interaction Design I or Motion Design I	3

College and Elective courses		9
<b>Hours</b>		<b>15</b>
<b>Senior</b>		
<b>Fall</b>		
ART 3683	History of 20th Century Art (HI)	3
ART 4420	Graphic Design Studio	3
ART 4450 or ART 4460	Motion Design Studio or Interaction Design Studio	3
College and Elective courses		6
<b>Hours</b>		<b>15</b>
<b>Spring</b>		
ART 4493	Portfolio Capstone	3
ART 4460 or ART 4420 or ART 4450	Interaction Design Studio or Graphic Design Studio or Motion Design Studio	3
College and Elective courses		9
<b>Hours</b>		<b>15</b>
<b>Total Hours</b>		<b>120</b>

1

Speak with academic advisor about saving General Education electives and Humanities (H) for Upper-division courses with International (I) and Diversity (D) dimensions.

## Art: Studio Art, BA

### Degree Requirements

**Requirements for Students Matriculating in or before Academic Year 2022-2023.** Learn more about University Academic Regulation 3.1 (p. 943).

**Minimum Overall Grade Point Average: 2.00**

**Total Hours: 120**

Code	Title	Hours
<b>General Education Requirements</b>		
<i>English Composition</i>		
See Academic Regulation 3.5 (p. 944)		
ENGL 1113	Composition I	3
or ENGL 1313	Critical Analysis and Writing I	
Select one of the following:		3
ENGL 1213	Composition II	
ENGL 1413	Critical Analysis and Writing II	
ENGL 3323	Technical Writing	
<i>American History &amp; Government</i>		
HIST 1103	Survey of American History	3
or HIST 1483	American History to 1865 (H)	
or HIST 1493	American History Since 1865 (DH)	
POLS 1113	American Government	3
<i>Analytical &amp; Quantitative Thought (A)</i>		
MATH or STAT course designated (A)		3
<i>Humanities (H)</i>		
Courses designated (H)		6
<i>Natural Sciences (N)</i>		
Must include one Laboratory Science (L) course		
Courses designated (N)		6
<i>Social &amp; Behavioral Sciences (S)</i>		
Course designated (S)		3
<i>Additional General Education</i>		
Courses designated (A), (H), (N), or (S)		10
<b>Hours Subtotal</b>		<b>40</b>
<b>Diversity (D) &amp; International Dimension (I)</b>		
May be completed in any part of the degree plan		
Select at least one Diversity (D) course		
Select at least one International Dimension (I) course		
<b>College/Departmental Requirements</b>		
<i>First Year Seminar</i>		
(Transfer students with 15 hours exempt)		1
<i>Arts &amp; Humanities</i>		
See note 2.a.		9
<i>Natural &amp; Mathematical Sciences</i>		
See note 2.b.		3
<i>Foreign Language</i>		
See note 3		9
<i>Non-Western Studies</i>		
Select at least one course		
See note 2.d.		

#### Upper-Division General Education

Select 6 hours outside major department

See note 2.c.

**Hours Subtotal** **22**

#### Major Requirements

Minimum GPA in all ART courses 2.50 with a minimum grade of "C" in all ART courses

#### Core

ART 1103	Drawing I	3
ART 1113	Drawing II	3
ART 1203	Visual Thinking: Image and Surface	3
ART 1303	Visual Thinking: Form and Space	3
ART 1503	Art History Survey I (H)	3
ART 1513	Art History Survey II (H)	3
ART 2003	Studio Methods and Preparation	3

#### 2-D and 3-D Studios

Select 9 hours of the following: **9**

Select 3-6 hours of the following:

ART 2113 Life Drawing

ART 2223 Oil Painting I

ART 2233 Watercolor I

ART 2273 Printmaking I

ART 2283 Studio Art Digital Survey

ART 2293 Photography I

Select 3-6 hours of the following:

ART 2243 Jewelry and Metals I

ART 2253 Ceramics I

ART 2263 Sculpture I

#### Upper-division Art History

Select 6 hours from: **6**

ART 3543 Leonardo, Art, And Science (H)

ART 3553 Fashioning and Self Fashioning: The Renaissance Portrait (H)

ART 3563 History of Prints and Printmaking

ART 3573 History of Photography

ART 3583 Introduction to Museum and Curatorial Studies (H)

ART 3600 Writing Methods In Art History

ART 3603 History of Classical Art (H)

ART 3623 History of Italian Renaissance Art (H)

ART 3633 History of Baroque Art (H)

ART 3643 History of Graphic Design

ART 3653 History of 19th Century Art (H)

ART 3663 History of American Art (DH)

ART 3673 History of Northern Renaissance Art

ART 3683 History of 20th Century Art (HI)

ART 3693 Survey of Asian Art (H)

ART 3713 Early Medieval Art: Saints, Martyrs, Pagans (H)

ART 3723 Court and Cloister: Medieval Art 1050-1400 (H)

ART 3733 History of Latin American Art I

ART 3743 History of Latin American Art II (HI)

ART 3753	The Arts of Spain and the Spanish World (H)
ART 4583	Rome: The Eternal City in Art and Film (H)
ART 4593	Art of Conversion: 16th Century Art in Mexico (H)
ART 4603	History of Ancient Egyptian Art
ART 4613	Art Since 1960
ART 4653	History of Indian Art
ART 4663	History of Chinese Art (H)
ART 4673	History of Japanese Art
ART 4683	Modern and Contemporary Art in Asia
ART 4693	Gender And Visual Culture
ART 4703	Art East and West: Biases and Borrowings
ART 4713	The Visual Culture of the Islamic World (HI)
ART 4723	History of Museums and Collecting
ART 4733	Museum Education
ART 4763	Native American Art and Material Culture
ART 4793	Architecture and Space in East Asia
ART 4800	Special Studies in Art
ART 4810	Museum Internship
ART 4813	Museum Exhibition
ART 4830	Apprenticeship
ART 4910	Directed Study in Art History
ART 4920	Art History Symposium
ART 4933	Art in Context
ART 4973	20th Century Chinese Art
ART 4993	Senior Honors Project

*Upper-division Studio Art*

Select 10 hours from: 10

ART 3110	Life Drawing Studio
ART 3213	Public and Installation Art
ART 3223	Oil Painting II
ART 3233	Watercolor II
ART 3243	Jewelry And Metals II
ART 3253	Ceramics II
ART 3263	Sculpture II
ART 3273	Printmaking II
ART 3293	New Genres in Studio Art
ART 3383	Digital Imaging
ART 3393	Photography II
ART 3403	Illustration II
ART 3413	Typography II
ART 3423	Graphic Design II
ART 3453	Motion Design I
ART 3463	Interaction Design I
ART 4053	Alternative Photography
ART 4100	Advanced Drawing
ART 4211	BFA Studio Capstone Exhibition
ART 4213	BFA Studio Capstone
ART 4220	Oil Painting Studio
ART 4223	BA Studio Capstone
ART 4230	Watercolor Studio

ART 4240	Jewelry and Metals Studio
ART 4250	Ceramics Studio
ART 4260	Sculpture Studio
ART 4270	Printmaking Studio
ART 4280	Photography Studio
ART 4420	Graphic Design Studio
ART 4430	Illustration Studio
ART 4450	Motion Design Studio
ART 4460	Interaction Design Studio
ART 4493	Portfolio Capstone
ART 4820	Graphic Design Internship
ART 4830	Apprenticeship
ART 4900	Directed Study In Art

*Capstone*

ART 4223	BA Studio Capstone	3
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**Hours Subtotal** 49**Electives**

Select 9 hours 9

All electives plus 13 hours general education or college/departmental requirements may need to be upper-division and must include 6 hours upper-division general education outside major department (see note 2.c.)

**Hours Subtotal** 9**Total Hours** 120

## Other Requirements

- See the College of Arts and Sciences Requirements.
- **Upper-Division Credit:** Total hours must include at least 40 hours in courses numbered 3000 or above.
- **Hours in One Department:** For B.A. and B.S. degrees, no more than 54 hours in one department may be applied to degree requirements.

## College of Arts and Sciences Requirements

### 1. General Education Requirements

No more than two courses (or eight hours) from the major department (<http://catalog.okstate.edu/college-arts-sciences-major-departments/>) may be used to meet General Education and College and Departmental Requirements. The General Education required English Composition, required U.S. History, required American Government, one required MATH or STAT course, and required foreign language for B.A. degrees do not count against the two-course maximum.

### 2. A&S College/Departmental Requirements

- Arts and Humanities are defined as any course carrying an (H) designation or courses from AMST, ART, DANC, ENGL (except ENGL 3323 Technical Writing) HIST, MUSI, PHIL (except PHIL 1313 Logic and Critical Thinking (A), PHIL 3003 Symbolic Logic (A) and PHIL 4003 Mathematical Logic and Computability), REL, TH, and foreign languages.
- Natural and Mathematical Sciences are defined as any course from the following prefixes: ASTR, BIOC, BIOL, CHEM, CS (except CS 4883 Social Issues in Computing), GEOL, MATH, MICR, PBIO, PHYS, and STAT; or courses from other departments that carry an (A) or (N) general education designation.

- c. The required six hours of upper-division General Education may not include courses from the student's major department. This requirement may be satisfied by courses also used to satisfy any part of a student's degree program (i.e., in General Education, College Departmental Requirements, Major Requirements or Electives).
- d. Non-Western Studies Requirement for B.A. and B.F.A.; One 3-hour course in Non-Western Studies (N.W.). This requirement may be satisfied by courses also used to satisfy any part of a student's degree program (i.e., in General Education, College Departmental Requirements, Major Requirements or Electives).
- e. The College of Arts & Sciences requires a minimum 2.0 GPA in all major requirements and a minimum 2.0 GPA in all major-prefix courses applied to the degree.

### 3. Foreign Language Proficiency

- a. The foreign language requirement for the B.A. may be satisfied by 9 hours college credit in the same language, which must include 3 hours at the 2000-level, or equivalent proficiency (e.g., passing an advanced standing examination; TOEFL exam; presenting a high school transcript which demonstrates the high school was primarily conducted in a language other than English; etc.). Computer Science courses may not be used to satisfy this requirement. Currently Arabic and Mvskoke are not offered at the 2000-level at OSU.
- b. The foreign language requirement for the B.S., B.M. and B.F.A. may be satisfied by presenting a high school transcript which demonstrates two years of study of a single foreign language (passing grades at second-year level of study). It may also be satisfied by 6 hours college credit in the same language, which must include language courses 1713 and 1813, or equivalent proficiency (e.g., passing an advanced standing examination; TOEFL exam; presenting a high school transcript which demonstrates the high school was primarily conducted in a language other than English; etc.). Computer Science courses may not be used to satisfy this requirement.
- c. In addition to a. and b., students pursuing teacher certification must meet novice-high foreign language proficiency by presenting a high school transcript which demonstrates two years of study of a single foreign language with no grade below B. Or, students may complete 3 hours college credit in a single language with no grade below C (or pass an advanced standing examination, College Level Examination Program (CLEP) exam, or Oral Proficiency Interview developed by the American Council on the Teaching of Foreign Languages, equivalent to 3 hours of college credit.) Or, students may meet the requirement by transfer of documentation of meeting the foreign language competency from one of the teacher education programs in the State of Oklahoma approved by the Oklahoma State Regents for Higher Education.

### 4. Exclusions

- a. Courses used to satisfy the General Education English Composition, U.S. History, American Government, and Mathematics or Statistics requirements will not count toward the 54-hour maximum allowed from one department.
- b. Courses with ATHL or LEIS prefixes and leisure activity courses may not be used for degree credit.

## Additional State/OSU Requirements

- At least: 60 hours at a four-year institution; 30 hours completed at OSU; 15 of the final 30 or 50% of the upper-division hours in the major field completed at OSU.
- Limit of: one-half of major course requirements as transfer work; one-fourth of hours earned by correspondence; 8 transfer correspondence hours.
- Students will be held responsible for degree requirements in effect at the time of matriculation and any changes that are made, so long as these changes do not result in semester credit hours being added or do not delay graduation.
- Degrees that follow this plan must be completed by the end of Summer 2028.

## Example Plan of Study

### Finish in Four Plan of Study

The plan below is an **example** of how students can successfully complete degree requirements in four years. This suggested class schedule plan may be used as a guide and can be adjusted based on individual needs. Students are required to meet with an academic advisor prior to enrollment each semester to plan their class schedule, and students are ultimately responsible for completing all degree requirements.

Course	Title	Hours
<b>Freshman</b>		
<b>Fall</b>		
Courses start here.		
ART 1103	Drawing I	3
ART 1203	Visual Thinking: Image and Surface	3
ART 1503	Art History Survey I (H)	3
College and General Education courses		5
<b>Hours</b>		<b>14</b>
<b>Spring</b>		
ART 1113	Drawing II	3
ART 1303	Visual Thinking: Form and Space	3
ART 1513	Art History Survey II (H)	3
General Education Courses		7
<b>Hours</b>		<b>16</b>
<b>Sophomore</b>		
<b>Fall</b>		
1713 First Semester Foreign Language		3
ART 2223	Oil Painting I	3
or ART 2233	or Watercolor I	
or ART 2273	or Printmaking I	
or ART 2283	or Studio Art Digital Survey	
or ART 2293	or Photography I	
ART 2243	Jewelry and Metals I	3
or ART 2253	or Ceramics I	
or ART 2263	or Sculpture I	
Major, College, and Elective courses		6
<b>Hours</b>		<b>15</b>
<b>Spring</b>		
1813 Second Semester Foreign Language		3
ART 2003	Studio Methods and Preparation	3
ART 2233	Watercolor I	3
or ART 2233	or Watercolor I	
or ART 2273	or Printmaking I	
or ART 2283	or Studio Art Digital Survey	
or ART 2293	or Photography I	
or ART 2243	or Jewelry and Metals I	
or ART 2253	or Ceramics I	
or ART 2263	or Sculpture I	

1030 Art: Studio Art, BA

Major, College, and Elective courses	6
<b>Hours</b>	<b>15</b>
<b>Junior</b>	
<b>Fall</b>	
2000-level Foreign Language	3
3 hours Upper-division Studio course	3
3 hours Upper-Division Art History	3
College and Elective courses	6
<b>Hours</b>	<b>15</b>
<b>Spring</b>	
3 hours Upper-Division Studio course	3
3 hours Upper-Division Art History	3
College and Elective courses	9
<b>Hours</b>	<b>15</b>
<b>Senior</b>	
<b>Fall</b>	
3 hours Upper-Division Studio course	3
College and Elective courses	12
<b>Hours</b>	<b>15</b>
<b>Spring</b>	
ART 4223 BA Studio Capstone	3
3 hours Upper-Division Studio course	3
College and Elective courses	9
<b>Hours</b>	<b>15</b>
<b>Total Hours</b>	<b>120</b>

## Art: Studio, BFA

### Degree Requirements

**Requirements for Students Matriculating in or before Academic Year 2022-2023.** Learn more about University Academic Regulation 3.1 (p. 943).

**Minimum Overall Grade Point Average:** 2.00

**Total Hours:** 120

Code	Title	Hours
<b>General Education Requirements</b>		
<i>English Composition</i>		
See Academic Regulation 3.5 (p. 944)		
ENGL 1113	Composition I	3
or ENGL 1313	Critical Analysis and Writing I	
Select one of the following:		3
ENGL 1213	Composition II	
ENGL 1413	Critical Analysis and Writing II	
ENGL 3323	Technical Writing	
<i>American History &amp; Government</i>		
HIST 1103	Survey of American History	3
or HIST 1483	American History to 1865 (H)	
or HIST 1493	American History Since 1865 (DH)	
POLS 1113	American Government	3
<i>Analytical &amp; Quantitative Thought (A)</i>		
MATH or STAT course designated (A)		3
<i>Humanities (H)</i>		
Courses designated (H)		6
<i>Natural Sciences (N)</i>		
Must include one Laboratory Science (L) course		
Courses designated (N)		6
<i>Social &amp; Behavioral Sciences (S)</i>		
Course designated (S)		3
<i>Additional General Education</i>		
Courses designated (A), (H), (N), or (S)		10
<b>Hours Subtotal</b>		<b>40</b>
<b>Diversity (D) &amp; International Dimension (I)</b>		
May be completed in any part of the degree plan		
Select at least one Diversity (D) course		
Select at least one International Dimension (I) course		
<b>College/Departmental Requirements</b>		
<i>First Year Seminar</i>		
(Transfer students with 15 hours exempt)		1
<i>Arts &amp; Humanities</i>		
See note 2.a.		
ART 3683	History of 20th Century Art (HI)	3
Select 3 hours upper-division Art History from:		3
ART 3543	Leonardo, Art, And Science (H)	
ART 3553	Fashioning and Self Fashioning: The Renaissance Portrait (H)	
ART 3563	History of Prints and Printmaking	
ART 3573	History of Photography	

ART 3583	Introduction to Museum and Curatorial Studies (H)	
ART 3600	Writing Methods In Art History	
ART 3603	History of Classical Art (H)	
ART 3623	History of Italian Renaissance Art (H)	
ART 3633	History of Baroque Art (H)	
ART 3643	History of Graphic Design	
ART 3653	History of 19th Century Art (H)	
ART 3663	History of American Art (DH)	
ART 3673	History of Northern Renaissance Art	
ART 3683	History of 20th Century Art (HI)	
ART 3693	Survey of Asian Art (H)	
ART 3713	Early Medieval Art: Saints, Martyrs, Pagans (H)	
ART 3723	Court and Cloister: Medieval Art 1050-1400 (H)	
ART 3733	History of Latin American Art I	
ART 3743	History of Latin American Art II (HI)	
ART 3753	The Arts of Spain and the Spanish World (H)	
ART 4583	Rome: The Eternal City in Art and Film (H)	
ART 4593	Art of Conversion: 16th Century Art in Mexico (H)	
ART 4603	History of Ancient Egyptian Art	
ART 4613	Art Since 1960	
ART 4653	History of Indian Art	
ART 4663	History of Chinese Art (H)	
ART 4673	History of Japanese Art	
ART 4683	Modern and Contemporary Art in Asia	
ART 4693	Gender And Visual Culture	
ART 4703	Art East and West: Biases and Borrowings	
ART 4713	The Visual Culture of the Islamic World (HI)	
ART 4723	History of Museums and Collecting	
ART 4733	Museum Education	
ART 4763	Native American Art and Material Culture	
ART 4793	Architecture and Space in East Asia	
ART 4800	Special Studies in Art	
ART 4810	Museum Internship	
ART 4813	Museum Exhibition	
ART 4830	Apprenticeship	
ART 4910	Directed Study in Art History	
ART 4920	Art History Symposium	
ART 4933	Art in Context	
ART 4973	20th Century Chinese Art	
ART 4993	Senior Honors Project	
Select 3 additional non-ART hours		3
<i>Foreign Language</i>		
See note 3		
0-6 hours		
<i>Non-Western Studies</i>		
See note 2.d.		
<i>Upper-Division General Education</i>		
Select 6 hours outside major department		



See note 2.c.

**Hours Subtotal** **10****Major Requirements**

Minimum GPA in all ART courses 2.75 with a minimum grade of "C" in all ART courses

*Core Curriculum*

ART 1103	Drawing I	3
ART 1113	Drawing II	3
ART 1203	Visual Thinking: Image and Surface	3
ART 1303	Visual Thinking: Form and Space	3
ART 1503	Art History Survey I (H)	3
ART 1513	Art History Survey II (H)	3
ART 2003	Studio Methods and Preparation	3
ART 2113	Life Drawing	3

*Lower-division Professional Sequence*

2-D studio media:

Select two of the following:

ART 2223	Oil Painting I	6
ART 2233	Watercolor I	
ART 2273	Printmaking I	
ART 2283	Studio Art Digital Survey	
ART 2293	Photography I	

3-D studio media:

Select two of the following:

ART 2243	Jewelry and Metals I	6
ART 2253	Ceramics I	
ART 2263	Sculpture I	

*Upper-division Professional Sequence*

Proficiency review required to take courses:

Studio primary media focus:

Select 12 hours of the following:

ART 3223	Oil Painting II	12
& ART 4220	and Oil Painting Studio (9 hours)	
ART 3233	Watercolor II	
& ART 4230	and Watercolor Studio (9 hours)	
ART 3243	Jewelry And Metals II	
& ART 4240	and Jewelry and Metals Studio (9 hours)	
ART 3253	Ceramics II	
& ART 4250	and Ceramics Studio (9 hours)	
ART 3263	Sculpture II	
& ART 4260	and Sculpture Studio (9 hours)	
ART 3273	Printmaking II	
& ART 4270	and Printmaking Studio (9 hours)	
ART 3393	Photography II	
& ART 4280	and Photography Studio (9 hours)	
ART 3110	Life Drawing Studio	
& ART 4100	and Advanced Drawing (3-9 hours)	

Studio secondary media focus:

Select 9 hours of the following:

ART 3223	Oil Painting II	9
& ART 4220	and Oil Painting Studio (6 hours)	
ART 3233	Watercolor II	
& ART 4230	and Watercolor Studio (6 hours)	

ART 3243	Jewelry And Metals II	
& ART 4240	and Jewelry and Metals Studio (6 hours)	
ART 3253	Ceramics II	
& ART 4250	and Ceramics Studio (6 hours)	
ART 3263	Sculpture II	
& ART 4260	and Sculpture Studio (6 hours)	
ART 3273	Printmaking II	
& ART 4270	and Printmaking Studio (6 hours)	
ART 3393	Photography II	
& ART 4280	and Photography Studio (6 hours)	
ART 3110	Life Drawing Studio	
& ART 4100	and Advanced Drawing (3-9 hours)	
Select 3 hours upper-division Studio media electives from:		3
ART 3110	Life Drawing Studio	
ART 3213	Public and Installation Art	
ART 3223	Oil Painting II	
ART 3233	Watercolor II	
ART 3243	Jewelry And Metals II	
ART 3253	Ceramics II	
ART 3263	Sculpture II	
ART 3273	Printmaking II	
ART 3293	New Genres in Studio Art	
ART 3383	Digital Imaging	
ART 3393	Photography II	
ART 3403	Illustration II	
ART 3413	Typography II	
ART 3423	Graphic Design II	
ART 3453	Motion Design I	
ART 3463	Interaction Design I	
ART 4053	Alternative Photography	
ART 4100	Advanced Drawing	
ART 4211	BFA Studio Capstone Exhibition	
ART 4213	BFA Studio Capstone	
ART 4220	Oil Painting Studio	
ART 4223	BA Studio Capstone	
ART 4230	Watercolor Studio	
ART 4240	Jewelry and Metals Studio	
ART 4250	Ceramics Studio	
ART 4260	Sculpture Studio	
ART 4270	Printmaking Studio	
ART 4280	Photography Studio	
ART 4420	Graphic Design Studio	
ART 4430	Illustration Studio	
ART 4450	Motion Design Studio	
ART 4460	Interaction Design Studio	
ART 4493	Portfolio Capstone	
ART 4800	Special Studies in Art	
ART 4820	Graphic Design Internship	
ART 4830	Apprenticeship	
ART 4900	Directed Study In Art	
<i>Studio Capstone/Upper-division Art History</i>		
ART 4211	BFA Studio Capstone Exhibition	1
ART 4213	BFA Studio Capstone	3

ART 4613	Art Since 1960	3
<b>Hours Subtotal</b>		<b>67</b>
<b>Electives</b>		
Select 3 hours		3
May need to include 6 hours of a foreign language (see note 3)		
May need to include 6 hours upper-division general education outside major department (see note 2.c.) and 3 additional upper-division hours		
<b>Hours Subtotal</b>		<b>3</b>
<b>Total Hours</b>		<b>120</b>

## Other Requirements

- See the College of Arts and Sciences Requirements.
- **Upper-Division Credit:** Total hours must include at least 40 hours in courses numbered 3000 or above.
- **Hours in One Department:** For B.A. and B.S. degrees, no more than 54 hours in one department may be applied to degree requirements.

## College of Arts and Sciences Requirements

### 1. General Education Requirements

No more than two courses (or eight hours) from the major department (<http://catalog.okstate.edu/college-arts-sciences-major-departments/>) may be used to meet General Education and College and Departmental Requirements. The General Education required English Composition, required U.S. History, required American Government, one required MATH or STAT course, and required foreign language for B.A. degrees do not count against the two-course maximum.

### 2. A&S College/Departmental Requirements

- Arts and Humanities are defined as any course carrying an (H) designation or courses from AMST, ART, DANC, ENGL (except ENGL 3323 Technical Writing) HIST, MUSI, PHIL (except PHIL 1313 Logic and Critical Thinking (A), PHIL 3003 Symbolic Logic (A) and PHIL 4003 Mathematical Logic and Computability), REL, TH, and foreign languages.
- Natural and Mathematical Sciences are defined as any course from the following prefixes: ASTR, BIOC, BIOL, CHEM, CS (except CS 4883 Social Issues in Computing), GEOL, MATH, MICR, PBIO, PHYS, and STAT; or courses from other departments that carry an (A) or (N) general education designation.
- The required six hours of upper-division General Education may not include courses from the student's major department. This requirement may be satisfied by courses also used to satisfy any part of a student's degree program (i.e., in General Education, College Departmental Requirements, Major Requirements or Electives).
- Non-Western Studies Requirement for B.A. and B.F.A.; One 3-hour course in Non-Western Studies (N.W.). This requirement may be satisfied by courses also used to satisfy any part of a student's degree program (i.e., in General Education, College Departmental Requirements, Major Requirements or Electives).
- The College of Arts & Sciences requires a minimum 2.0 GPA in all major requirements and a minimum 2.0 GPA in all major-prefix courses applied to the degree.

### 3. Foreign Language Proficiency

- The foreign language requirement for the B.A. may be satisfied by 9 hours college credit in the same language, which must include 3 hours at the 2000-level, or equivalent proficiency (e.g., passing an advanced standing examination; TOEFL exam; presenting a high school transcript which demonstrates the high school was primarily conducted in a language other than English; etc.). Computer Science courses may not be used to satisfy this requirement. Currently Arabic and Mvskoke are not offered at the 2000-level at OSU.
  - The foreign language requirement for the B.S., B.M. and B.F.A. may be satisfied by presenting a high school transcript which demonstrates two years of study of a single foreign language (passing grades at second-year level of study). It may also be satisfied by 6 hours college credit in the same language, which must include language courses 1713 and 1813, or equivalent proficiency (e.g., passing an advanced standing examination; TOEFL exam; presenting a high school transcript which demonstrates the high school was primarily conducted in a language other than English; etc.). Computer Science courses may not be used to satisfy this requirement.
  - In addition to a. and b., students pursuing teacher certification must meet novice-high foreign language proficiency by presenting a high school transcript which demonstrates two years of study of a single foreign language with no grade below B. Or, students may complete 3 hours college credit in a single language with no grade below C (or pass an advanced standing examination, College Level Examination Program (CLEP) exam, or Oral Proficiency Interview developed by the American Council on the Teaching of Foreign Languages, equivalent to 3 hours of college credit.) Or, students may meet the requirement by transfer of documentation of meeting the foreign language competency from one of the teacher education programs in the State of Oklahoma approved by the Oklahoma State Regents for Higher Education.
- ### 4. Exclusions
- Courses used to satisfy the General Education English Composition, U.S. History, American Government, and Mathematics or Statistics requirements will not count toward the 54-hour maximum allowed from one department.
  - Courses with ATHL or LEIS prefixes and leisure activity courses may not be used for degree credit.

## Additional State/OSU Requirements

- At least: 60 hours at a four-year institution; 30 hours completed at OSU; 15 of the final 30 or 50% of the upper-division hours in the major field completed at OSU.
- Limit of: one-half of major course requirements as transfer work; one-fourth of hours earned by correspondence; 8 transfer correspondence hours.
- Students will be held responsible for degree requirements in effect at the time of matriculation and any changes that are made, so long as these changes do not result in semester credit hours being added or do not delay graduation.
- Degrees that follow this plan must be completed by the end of Summer 2028.

## Example Plan of Study Finish in Four Plan of Study

The plan below is an example of how students can successfully complete degree requirements in four years. This suggested class schedule plan may be used as a guide and can be adjusted based on individual needs. Students are required to meet with an academic advisor prior to enrollment each semester to plan their class schedule, and students are ultimately responsible for completing all degree requirements.

Course	Title	Hours
<b>Freshman</b>		
<b>Fall</b>		
ART 1103	Drawing I	3
ART 1203	Visual Thinking: Image and Surface	3
ART 1503	Art History Survey I (H)	3
College and General Education courses		6
<b>Hours</b>		<b>15</b>
<b>Spring</b>		
ART 1113	Drawing II	3
ART 1513	Art History Survey II (H)	3
ART 1303	Visual Thinking: Form and Space	3
General Education courses		6
<b>Hours</b>		<b>15</b>
<b>Sophomore</b>		
<b>Fall</b>		
ART 2113	Life Drawing	3
ART 2223	Oil Painting I	3
or ART 2233	or Watercolor I	
or ART 2273	or Printmaking I	
or ART 2283	or Studio Art Digital Survey	
or ART 2293	or Photography I	
ART 2243	Jewelry and Metals I	3
or ART 2253	or Ceramics I	
or ART 2263	or Sculpture I	
Major, College, and Elective courses		6
<b>Hours</b>		<b>15</b>
<b>Spring</b>		
ART 2003	Studio Methods and Preparation	3
ART 2233	Watercolor I	3
or ART 2233	or Watercolor I	
or ART 2273	or Printmaking I	
or ART 2283	or Studio Art Digital Survey	
or ART 2293	or Photography I	
ART 2253	Ceramics I	3
or ART 2253	or Ceramics I	
or ART 2263	or Sculpture I	
Major, College, and Elective courses		6
<b>Hours</b>		<b>15</b>
<b>Junior</b>		
<b>Fall</b>		
3 hours Upper-division course in Primary Media Focus		3
College and Elective courses		12
<b>Hours</b>		<b>15</b>
<b>Spring</b>		
3 hours Upper-division course in Primary Media Focus		3
3 hours Upper-division course in Secondary Media Focus		3
College and Elective courses		9
<b>Hours</b>		<b>15</b>
<b>Senior</b>		
<b>Fall</b>		
ART 3683	History of 20th Century Art (HI)	3
3 hours Upper-division course in Primary Media Focus		3

3 hours Upper-division course in Secondary Media Focus		3
ART 4213	BFA Studio Capstone	3
College and Elective courses		3
<b>Hours</b>		<b>15</b>
<b>Spring</b>		
3 hours Upper-division course in Primary Media Focus		3
3 hours Upper-division course in Secondary Media Focus		3
ART 4211	BFA Studio Capstone Exhibition	1
ART 4613	Art Since 1960	3
College and Elective courses		5
<b>Hours</b>		<b>15</b>
<b>Total Hours</b>		<b>120</b>

1

Speak with academic advisor about saving General Education electives and Humanities (H) for Upper-division courses with International (I) and Diversity (D) dimensions.

## Pre-Art Therapy (PART), Minor

**Requirements for Students Matriculating in or before Academic Year 2022-2023.** Learn more about University Academic Regulation 3.1 (p. 943).

**Minimum grade and/or GPA:** 2.75 with no grade below "C."

**Total Hours:** 30

Code	Title	Hours
<b>Course Requirements</b>		
<i>Psychology</i>		
PSYC 1113	Introductory Psychology (S)	3
PSYC 2583	Developmental Psychology (S)	3
PSYC 3443	Abnormal Psychology (S)	3
Select three additional credit hours from the following:		3
PSYC 2443	Clinical Child Psychology	
PSYC 3053	Psychology of Art (S)	
PSYC 3073	Neurobiological Psychology (N)	
PSYC 4013	Introduction to Pediatric Psychology	
PSYC 4243	Psychology of Aging	
PSYC 4283	Health Psychology	
<b>Hours Subtotal</b>		<b>12</b>
<i>Art</i>		
ART 1103	Drawing I	3
ART 1113	Drawing II	3
ART 1203	Visual Thinking: Image and Surface	3
ART 1303	Visual Thinking: Form and Space	3
ART 2223	Oil Painting I	3
ART 2253	Ceramics I	3
<b>Hours Subtotal</b>		<b>18</b>
<b>Total Hours</b>		<b>30</b>

## Additional OSU Requirements

### Undergraduate Minors

- An undergraduate minor must include between fifteen and thirty hours, inclusive of undergraduate coursework.
- A minimum of six credit hours for the minor must be earned in residence at OSU.
- The courses required for a minor may be included in the course requirements for any undergraduate degree or they may be in addition to degree requirements, depending on the overlap between the minor and degree requirements. However, an undergraduate minor must be earned in an academic field other than the student's declared degree option. The minor may not duplicate the degree major or option (for example, a student who earns a BA in Art with an Art History option may earn a minor in Studio Art but not Art History).
- A student generally follows the minor requirements associated with his or her matriculation year or newer requirements that have been established since matriculation. The time limit for following requirements from a given academic year is six years.

For additional information on requirements on minors, click here (<https://adminfinance.okstate.edu/site-files/documents/policies/requirements-for-undergraduate-and-graduate-minors.pdf>).

## Studio Art (STDA), Minor

**Requirements for Students Matriculating in or before Academic Year 2022-2023.** Learn more about University Academic Regulation 3.1 (p. 943).

Ulrike Schoenknecht, 408 BC, 405-744-4064

**Minimum Grade Point Average in Minor Coursework:** 2.5 with no grade below "C."

**Total Hours:** 21

Code	Title	Hours
<b>Minor Requirements</b>		
ART 1103	Drawing I	3
ART 1113	Drawing II	3
ART 1203	Visual Thinking: Image and Surface	3
ART 1303	Visual Thinking: Form and Space	3
9 hours chosen from any one area of concentration (General, Oil Painting, Watercolor, Jewelry/Metals, Ceramics, Sculpture, Printmaking or Photography).		9
General:		
ART 2113	Life Drawing	
ART 2223	Oil Painting I	
ART 2233	Watercolor I	
ART 2243	Jewelry and Metals I	
ART 2253	Ceramics I	
ART 2263	Sculpture I	
ART 2273	Printmaking I	
ART 2283	Studio Art Digital Survey	
ART 2293	Photography I	
Oil Painting:		
ART 2223 & ART 3223 & ART 4220	Oil Painting I and Oil Painting II and Oil Painting Studio	
Watercolor:		
ART 2233 & ART 3233 & ART 4230	Watercolor I and Watercolor II and Watercolor Studio	
Jewelry/Metals		
ART 2243 & ART 3243 & ART 4240	Jewelry and Metals I and Jewelry And Metals II and Jewelry and Metals Studio	
Ceramics:		
ART 2253 & ART 3253 & ART 4250	Ceramics I and Ceramics II and Ceramics Studio	
Sculpture:		
ART 2263 & ART 3263 & ART 4260	Sculpture I and Sculpture II and Sculpture Studio	
Printmaking:		
ART 2273 & ART 3273 & ART 4270	Printmaking I and Printmaking II and Printmaking Studio	
Photography:		

ART 2293 & ART 3393 & ART 4280	Photography I and Photography II and Photography Studio
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Beyond the 21 hours required to minor, it is highly recommended that Studio Minors take an Art History course to fulfill 3 hours credit of their Humanities (H) requirements.

**Total Hours**

**21**

## Additional OSU Requirements Undergraduate Minors

- An undergraduate minor must include between fifteen and thirty hours, inclusive of undergraduate coursework.
- A minimum of six credit hours for the minor must be earned in residence at OSU.
- The courses required for a minor may be included in the course requirements for any undergraduate degree or they may be in addition to degree requirements, depending on the overlap between the minor and degree requirements. However, an undergraduate minor must be earned in an academic field other than the student's declared degree option. The minor may not duplicate the degree major or option (for example, a student who earns a BA in Art with an Art History option may earn a minor in Studio Art but not Art History).
- A student generally follows the minor requirements associated with his or her matriculation year or newer requirements that have been established since matriculation. The time limit for following requirements from a given academic year is six years.

For additional information on requirements on minors, click here (<https://adminfinance.okstate.edu/site-files/documents/policies/requirements-for-undergraduate-and-graduate-minors.pdf>).

# Certificates

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## Undergraduate Certificates

- Digital Studies, Undergraduate Certificate (p. 1038)
- eSports, Undergraduate Certificate (p. 1039)
- Pre-Health Care Administration, Undergraduate Certificate (p. 1040)
- Pre-Medical Sciences, Undergraduate Certificate (p. 1041)



## Digital Studies, Undergraduate Certificate

**Requirements for Students Matriculating in or before Academic Year 2022-2023.** Learn more about University Academic Regulation 3.1 (p. 943).

**Total Hours:** 15

Code	Title	Hours
<b>Digital Culture Core</b>		
ENGL 2253 or AMST 3683	Theory and Practice of Digital Studies Introduction to Digital Humanities	3
<b>Capstone Experience</b>		
A&S 4113 or A&S 4710	Research in Digital Studies Internship in Digital Studies	3
<b>Electives</b>		
Select 9 hours from the following: <sup>1</sup>		9
<i>Digital Application Core</i>		
ART 2093	Non-Major Photography I	
ART 2283	Studio Art Digital Survey	
ART 4420	Graphic Design Studio	
EDTC 3123	Applications of Educational Technologies	
EDTC 4113	Applications of Media and Technology	
ENGL 4143	Language and Technology	
ENGL 4553	Visual Rhetoric and Design	
ENGL 4573	Games and Writing	
GEOG 2344	Digital Tools for Environmental Problem-Solving (LN)	
GEOG 4203	Fundamentals of Geographic Information Systems	
HIST 4073	Digital Methods in History	
MC 2023	Electronic Communication	
MMJ 3153	Fundamentals of Video and Studio Production	
MMJ 3873	Audio Production	
MMJ 4573	Broadcast Documentary	
<i>Computing &amp; Info Sciences Core</i>		
Any CS or MSIS courses		
<b>Total Hours</b>		<b>15</b>

1

Students must take at least 3 hours in each area, 6 hours must be at the upper-division level, and courses must be from at least 2 departments. Courses not on this list may be approved by the Curriculum Committee on a case-by-case basis.

## eSports, Undergraduate Certificate

**Requirements for Students Matriculating in or before Academic Year 2022-2023.** Learn more about University Academic Regulation 3.1 (p. 943).

**Total Hours:** 15

Code	Title	Hours
<b>Certificate Requirements</b>		
SPM 1883	Introduction to eSports	3
Select one course from:		3
MC 1143	Media in a Diverse Society (DS)	
MC 2023	Electronic Communication	
SPM 2843	Sports and the Media	
SC 2183	Introduction to Strategic Communications	
SC 3043	Entertainment in the Media	
Select three courses (9 hours) from:		9
MC 3113	Introduction to Media Effects	
MC 4043	Media Study Abroad (I) (only when specific to eSports)	
SPM 3880	Topics in eSports (Up to 9 hours)	
<b>Total Hours</b>		<b>15</b>

### Other Requirements

- The student must have a Bachelor's degree or is expected to complete a Bachelor's degree by the completion of certificate requirements.
- The student maintains a 2.50 GPA in the certificate courses, with no grade below "C".
- Residency Requirement: The student must complete half of the total hours at Oklahoma State University in order to receive a certificate from OSU.

## Pre-Health Care Administration, Undergraduate Certificate

**Requirements for Students Matriculating in or before Academic Year 2022-2023.** Learn more about University Academic Regulation 3.1 (p. 943).

**Total Hours:** 20

Minimum GPA 2.50 with no grade below C. Minimum 15 hours in residence at OSU.

A bachelor's degree from Oklahoma State University or another accredited college or university is required to be eligible to earn the certificate.

Code	Title	Hours
<b>General Education</b>		
PHIL 1213	Philosophies of Life (H)	3
or PHIL 3803	Business Ethics (H)	
or PHIL 3833	Biomedical Ethics (H)	
PSYC 1113	Introductory Psychology (S)	3
<b>Hours Subtotal</b>		<b>6</b>
<b>Core Requirements</b>		
HHP 2802	Medical Terminology for the Health Professions	2
POLS 2020	Topics in Public Law (S)	3
or POLS 2030	Topics in Public Policy & Administration	
or LSB 3213	Legal and Regulatory Environment of Business	
SOC 1113	Introductory Sociology (S)	3
or SOC 4153	Sociology of Health and Illness	
STAT 2013	Elementary Statistics (A)	3
or STAT 2023	Elementary Statistics for Business and Economics (A)	
or CS 1013	Computer Science Principles	
or MSIS 2103	Business Data Science Technologies	
Select 3 hours from the following:		3
ECON 1113	The Economics of Social Issues (S)	
ECON 2003	Microeconomic Principles for Business	
ECON 2103 & ECON 2203	Introduction to Microeconomics (S) and Introduction to Macroeconomics <sup>1</sup>	
<b>Hours Subtotal</b>		<b>14</b>
<b>Total Hours</b>		<b>20</b>

1

If ECON 2103/ECON 2203 option is selected under Core Requirements, then 23 total hours are required for this certificate.

## Pre-Medical Sciences, Undergraduate Certificate

BIOL 4283	Endocrinology	
<b>Total Hours</b>		<b>64</b>

1

Choosing BIOL 3204, BIOL 3214, BIOL 4024, BIOL 4104 or BIOL 4134 increases overall hours.

**Requirements for Students Matriculating in or before Academic Year 2022-2023.** Learn more about University Academic Regulation 3.1 (p. 943).

**Total Hours:** 64

Minimum GPA 3.00 with no grade below "C." Minimum 15 hours in residence at OSU.

A bachelor's degree from Oklahoma State University or another accredited college or university is required.

Code	Title	Hours
ENGL 1113	Composition I	3
or ENGL 1313	Critical Analysis and Writing I	
ENGL 1213	Composition II	3
or ENGL 1413	Critical Analysis and Writing II	
MATH 1483	Mathematical Functions and Their Uses (A)	3
	(or higher, not MATH 1493)	
or STAT 2013	Elementary Statistics (A)	
or STAT 2023	Elementary Statistics for Business and Economics (A)	
or STAT 2053	Elementary Statistics for the Social Sciences (A)	
or STAT 4013	Statistical Methods I (A)	
BIOL 1113 & BIOL 1111	Introductory Biology (N) and Introductory Biology Laboratory (LN)	4
or BIOL 1114	Introductory Biology (LN)	
BIOL 1604	Animal Biology	4
CHEM 1314	Chemistry I (LN)	4
CHEM 1515	Chemistry II (LN)	5
CHEM 3053	Organic Chemistry I	3
CHEM 3153	Organic Chemistry II	3
CHEM 3112	Organic Chemistry Laboratory	2
PHYS 1114	College Physics I (LN)	4
or PHYS 2014	University Physics I (LN)	
PHYS 1214	College Physics II (LN)	4
or PHYS 2114	University Physics II (LN)	
PSYC 1113	Introductory Psychology (S)	3
SOC 1113	Introductory Sociology (S)	3
3 additional hours from: ENGL, PHIL, PSYC, SOC, or any Humanities (H)		3
BIOL 3023	General Genetics	3
or MICR 3033	Cell and Molecular Biology	
BIOL 3204	Physiology	4
or BIOL 3214	Human Anatomy	
Select one course from: <sup>1</sup>		3
BIOL 3653	Survey of Biochemistry	
BIOL 4104	General Parasitology <sup>1</sup>	
Select one course from: <sup>1</sup>		3
BIOL 3233	Human Reproduction	
BIOL 4134	Embryology <sup>1</sup>	

## Chemistry

Chemistry is a science devoted to the manufacturing and evaluation of compounds and materials. Chemists have created new types of materials such as Teflon and have synthesized molecules for treating cancer such as derivatives of Taxol. Chemists are also involved in making measurements crucial toward determining the presence of hazardous pollutants in our environment and the safety of our food and water supplies. Chemistry is at the forefront in developing and advancing new technologies to solve problems in agriculture, medicine, electronics, energy and forensics.

A student considering a career in chemistry should have a strong curiosity about the nature of how things work, good problem solving skills and most important of all—a desire to learn. Some background in mathematics and physics is beneficial as these subjects facilitate an understanding of chemistry, which is often called the Central Science because of its importance in understanding both the physical and biological sciences. For this reason alone, chemists are employed in all phases of our economy—industry, government and education (both high school and college).

The Department of Chemistry offers BS degrees in:

1. Biochemistry
2. Medicinal and Biophysical Chemistry
3. Chemistry, with options in:
  - a. American Chemical Society (ACS) Approved
  - b. Pre-Health/Pre-Law
  - c. Secondary Teacher Certification

## Courses

### CHEM 1014 Chemistry In Civilization (LN)

**Description:** A survey course presenting the concepts and principles of chemistry for students outside the health, science and engineering fields. This course covers the basics of chemistry and chemical contributions to society such as polymers, consumer chemicals, drugs, and radioactivity. May not be used for degree credit with CHEM 1215 or CHEM 1314.

**Credit hours:** 4

**Contact hours:** Lecture: 2 Lab: 2 Contact: 5 Other: 1

**Levels:** Undergraduate

**Schedule types:** Discussion, Lab, Lecture, Combined lecture lab & disc

**Department/School:** Chemistry

**General Education and other Course Attributes:** Scientific Investigation, Natural Sciences

### CHEM 1215 Chemical Principles I (LN)

**Prerequisites:** MATH 1483 or MATH 1513 or a higher level math course with a “C” or better or an acceptable math placement score (see placement.okstate.edu) or acceptable AP credit.

**Description:** The beginning chemistry course recommended for students in the applied biological sciences. This course covers chemical principles and their applications to their properties and transformations of matter, including periodic classification of the elements, laws of chemical combination, atomic and molecular structure, and chemical bonding. Course previously offered as CHEM 1015.

**Credit hours:** 5

**Contact hours:** Lecture: 3 Lab: 2 Contact: 6 Other: 1

**Levels:** Undergraduate

**Schedule types:** Discussion, Lab, Lecture, Combined lecture lab & disc

**Department/School:** Chemistry

**General Education and other Course Attributes:** Scientific Investigation, Natural Sciences

### CHEM 1225 Chemical Principles II (LN)

**Prerequisites:** CHEM 1215 or CHEM 1314 or CHEM 1414 with a grade of “C” or better; and MATH 1483 or MATH 1513 or higher with a “C” or better or an acceptable math placement score (see placement.okstate.edu); or acceptable AP credit.

**Description:** A continuation of Chemical Principles I for students in the applied biological sciences. Topics include gas laws, chemical equilibria, acid/base chemistry, oxidation/reduction, elementary chemical thermodynamics, and introduction to organic molecules.

**Credit hours:** 5

**Contact hours:** Lecture: 3 Lab: 2 Contact: 6 Other: 1

**Levels:** Undergraduate

**Schedule types:** Discussion, Lab, Lecture, Combined lecture lab & disc

**Department/School:** Chemistry

**General Education and other Course Attributes:** Scientific Investigation, Natural Sciences

### CHEM 1314 Chemistry I (LN)

**Prerequisites:** MATH 1483 or MATH 1513 or higher with a “C” or better or an acceptable math placement score (see placement.okstate.edu) or acceptable AP credit.

**Description:** The beginning chemistry course recommended for students in basic biological sciences (including pre-medical science and pre-veterinary sciences), physical sciences and engineering. This course covers chemical principles and their applications to the properties and transformations of matter, including periodic classification of the elements, laws of chemical combination, gas laws, atomic and molecular structure, and chemical bonding.

**Credit hours:** 4

**Contact hours:** Lecture: 3 Lab: 2 Contact: 5

**Levels:** Undergraduate

**Schedule types:** Lab, Lecture, Combined lecture and lab

**Department/School:** Chemistry

**General Education and other Course Attributes:** Scientific Investigation, Natural Sciences

**CHEM 1414 General Chemistry for Engineers (LN)**

**Prerequisites:** MATH 1483 or MATH 1513 or higher with a "C" or better or an acceptable math placement score (see placement.okstate.edu) or acceptable AP credit.

**Description:** One seminar survey of general chemistry for engineering students. Topics include physical properties of states of matter, stoichiometry, atomic theory, periodic properties, bonding, thermodynamics, equilibrium, acid-base and redox reactions, electrochemistry. Topics will be discussed with respect to applications to materials, energy and environmental topics relevant to engineering students.

**Credit hours:** 4

**Contact hours:** Lecture: 3 Lab: 2 Contact: 5

**Levels:** Undergraduate

**Schedule types:** Lab, Lecture, Combined lecture and lab

**Department/School:** Chemistry

**General Education and other Course Attributes:** Scientific Investigation, Natural Sciences

**CHEM 1515 Chemistry II (LN)**

**Prerequisites:** CHEM 1314 with a grade of "C" or better or acceptable AP credit.

**Description:** A continuation of Chemistry 1 for students in the basic biological sciences (including premedical science and pre-veterinary science), physical sciences, and engineering. Topics include, but not limited to, intermolecular forces, liquids and solids, chemical equilibria, acid/base chemistry, oxidation/reduction, electrochemistry, chemical kinetics, and elementary chemical thermodynamics.

**Credit hours:** 5

**Contact hours:** Lecture: 3 Lab: 2 Contact: 6 Other: 1

**Levels:** Undergraduate

**Schedule types:** Discussion, Lab, Lecture, Combined lecture lab & disc

**Department/School:** Chemistry

**General Education and other Course Attributes:** Scientific Investigation, Natural Sciences

**CHEM 2113 Principles of Analytical Chemistry**

**Prerequisites:** A grade of "C" or better in CHEM 1515.

**Description:** Statistical analysis of analytical data, acid-base equilibria, acid-base titrations, electrochemistry, analytical separations, as well as atomic and molecular optical spectroscopy.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Chemistry

**CHEM 2122 Quantitative Analysis Laboratory**

**Prerequisites:** CHEM 2113 or concurrent enrollment.

**Description:** Laboratory exercises related to theoretical principles in CHEM 2113.

**Credit hours:** 2

**Contact hours:** Lab: 4 Contact: 4

**Levels:** Undergraduate

**Schedule types:** Lab

**Department/School:** Chemistry

**CHEM 2890 Honors Experience in Chemistry**

**Prerequisites:** Honors Program participation and concurrent enrollment in designated course(s).

**Description:** A supplemental Honors experience in Chemistry to partner concurrently with designated lower-division CHEM course(s). This course adds a different intellectual dimension to designated course(s). Offered for fixed credit, 1 credit hour, maximum of 6 credit hours.

**Credit hours:** 1

**Contact hours:** Lecture: 1 Contact: 1

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Chemistry

**General Education and other Course Attributes:** Honors Credit

**CHEM 2980 Current Topics for Chemical Professionals**

**Prerequisites:** Current enrollment in CHEM 1314 or higher chemistry course.

**Description:** Current topics for pre-chemical professionals which may include, but are not limited to; Chemistry of Life; Energy; Environmental; Materials; Energy, What's that Stuff?, and Teaching/Learning. The course is intended to provide interested undergraduates with a broader introduction to topics relevant to future trends in chemistry and chemically-related fields. Discussion will be directed by faculty members with expertise in the identified area. Offered for variable credit, 1-6 credit hours, maximum of 6 credit hours.

**Credit hours:** 1-6

**Contact hours:** Lecture: 1-6 Contact: 1-6

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Chemistry

**CHEM 2990 Special Problems in Chemistry**

**Prerequisites:** CHEM 1314 or concurrent enrollment.

**Description:** Training in independent work, study of relevant literature and experimental investigation of an assigned problem at the lower-division level. Offered for variable credit, 1-3 credit hours, maximum of 3 credit hours.

**Credit hours:** 1-3

**Contact hours:** Lab: 2-6 Contact: 2-6

**Levels:** Undergraduate

**Schedule types:** Lab

**Department/School:** Chemistry

**CHEM 3012 Survey of Organic Chemistry Laboratory**

**Prerequisites:** CHEM 3013 or concurrent enrollment.

**Description:** Laboratory exercises related to theoretical principles covered in CHEM 3013.

**Credit hours:** 2

**Contact hours:** Lab: 3 Contact: 4 Other: 1

**Levels:** Undergraduate

**Schedule types:** Discussion, Lab, Combined Lab & Discussion

**Department/School:** Chemistry

**CHEM 3013 Survey of Organic Chemistry**

**Prerequisites:** A minimum grade of "C" in CHEM 1225 or CHEM 1515.

**Description:** Terminal, one-semester organic chemistry lecture course covering the general principles of nomenclature, structure, bonding, methods of preparation, reactions and use of acyclic, cyclic, and aromatic compounds.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Chemistry



**CHEM 3053 Organic Chemistry I****Prerequisites:** A grade of "C" or better in CHEM 1515.**Description:** This course is the first of the in-depth sequence of organic chemistry. Topics include nomenclature, structure, stereochemistry, reactivity, properties, and synthesis of organic molecules with an emphasis on reaction mechanisms. This course is required for many life and physical science majors and pre-health students. Consult your degree requirements and professional school admission requirements.**Credit hours:** 3**Contact hours:** Lecture: 3 Contact: 3**Levels:** Undergraduate**Schedule types:** Lecture**Department/School:** Chemistry**CHEM 3112 Organic Chemistry Laboratory****Prerequisites:** Completion of CHEM 3153 or concurrent enrollment.**Description:** Laboratory exercises related to theoretical principles covered in CHEM 3053 and 3153.**Credit hours:** 2**Contact hours:** Lab: 3 Contact: 4 Other: 1**Levels:** Undergraduate**Schedule types:** Discussion, Lab, Combined Lab & Discussion**Department/School:** Chemistry**CHEM 3153 Organic Chemistry II****Prerequisites:** A grade of "C" or higher in CHEM 3053.**Description:** This course is the second of the in-depth sequence of organic chemistry starting with CHEM 3053.**Credit hours:** 3**Contact hours:** Lecture: 3 Contact: 3**Levels:** Undergraduate**Schedule types:** Lecture**Department/School:** Chemistry**CHEM 3353 Descriptive Inorganic Chemistry****Prerequisites:** A grade of "C" or higher in CHEM 1515, CHEM 1225.**Description:** Structures and properties of the elements and their many compounds in the broadest sense which includes the modern technologically important materials, organometallics, and inorganic substances of biological significance.**Credit hours:** 3**Contact hours:** Lecture: 3 Contact: 3**Levels:** Undergraduate**Schedule types:** Lecture**Department/School:** Chemistry**CHEM 3363 Bioinorganic Chemistry****Prerequisites:** Grade of "C" or higher in CHEM 1225 or CHEM 1515 or acceptable AP credit.**Description:** Discusses the structural and functional roles of main group and transition metals within biological systems. Topics may include: the transport, distribution and properties of metals in biological systems, the coordination chemistry of biologically active metals, physical methods for determining metalloprotein structure and reactivity, chemical processes including redox processes and long-range electron transfer reactions and metallocofactors and metal clusters.**Credit hours:** 3**Contact hours:** Lecture: 3 Contact: 3**Levels:** Undergraduate**Schedule types:** Lecture**Department/School:** Chemistry**CHEM 3413 Physical Chemistry Applications****Prerequisites:** Minimum grade of "C" or higher in both CHEM 1515 and MATH 2144.**Description:** A practical and applied approach to key topics in physical chemistry, including thermodynamics, chemical equilibria, and chemical kinetics, and how they relate to general chemical and biological processes on a molecular and macroscopic level.**Credit hours:** 3**Contact hours:** Lecture: 3 Contact: 3**Levels:** Undergraduate**Schedule types:** Lecture**Department/School:** Chemistry**CHEM 3433 Physical Chemistry I****Prerequisites:** Minimum grade of "C" or higher in: CHEM 1515 and MATH 2153 and PHYS 2114.**Description:** Introductory theoretical analysis of molecular structure, chemical bonding and macroscopic chemical systems using quantum theory, classical and statistical thermodynamics, and kinetics. Previously offered as CHEM 3434.**Credit hours:** 3**Contact hours:** Lecture: 3 Contact: 3**Levels:** Undergraduate**Schedule types:** Lecture**Department/School:** Chemistry**CHEM 3532 Physical Chemistry Laboratory****Prerequisites:** A grade of "C" or better in CHEM 2122 and CHEM 3433.**Description:** Modern laboratory instrumentation, experimental techniques, and computational methods in physical chemistry.**Credit hours:** 2**Contact hours:** Lab: 3 Contact: 4 Other: 1**Levels:** Undergraduate**Schedule types:** Discussion, Lab, Combined Lab & Discussion**Department/School:** Chemistry**CHEM 3553 Physical Chemistry II****Prerequisites:** A grade of "C" or higher in CHEM 3433.**Description:** A continuation of CHEM 3433.**Credit hours:** 3**Contact hours:** Lecture: 3 Contact: 3**Levels:** Undergraduate**Schedule types:** Lecture**Department/School:** Chemistry**CHEM 3890 Advanced Honors Experience in Chemistry****Prerequisites:** Honors Program participation and concurrent enrollment in designated course(s).**Description:** A supplemental Honors experience in Chemistry to partner concurrently with designated upper-division CHEM course(s). This course adds a different intellectual dimension to designated course(s). Offered for fixed credit, 1 credit hour, maximum of 6 credit hours.**Credit hours:** 1**Contact hours:** Lecture: 1 Contact: 1**Levels:** Undergraduate**Schedule types:** Lecture**Department/School:** Chemistry**General Education and other Course Attributes:** Honors Credit

**CHEM 4022 Modern Methods of Chemical Analysis Laboratory****Prerequisites:** CHEM 4023 or concurrent enrollment.**Description:** Laboratory exercises related to theoretical principles covered in CHEM 4023. May not be used for degree credit with CHEM 4020.**Credit hours:** 2**Contact hours:** Lab: 4 Contact: 4**Levels:** Undergraduate**Schedule types:** Lab**Department/School:** Chemistry**CHEM 4023 Modern Methods of Chemical Analysis****Prerequisites:** A grade of "C" or better in CHEM 2122; and CHEM 3413 or CHEM 3433.**Description:** The design, operational principles and practical application of modern instrumental methods used in chemical analysis of natural and artificial materials. Covers the reagents and instruments used in the separation, identification and quantification of the chemical components. May not be used for degree credit with CHEM 4020.**Credit hours:** 3**Contact hours:** Lecture: 3 Contact: 3**Levels:** Undergraduate**Schedule types:** Lecture**Department/School:** Chemistry**CHEM 4123 Biomolecular Chemistry and Function****Prerequisites:** Minimum grade of "C" in CHEM 3153 and CHEM 3112.**Description:** The class is designed to use examples from classic and current literature to expand the student's knowledge of the chemical techniques required to understand the structure and function of macromolecules in solution. These topics include chemical forces that stabilize macromolecular and supramolecular structure, thermodynamics and statistical mechanics of macromolecular and polymer folding, diffusional processes, kinetics, and the relationship of these principles to practical application in experimental design and interpretation. May not be used for degree credit with CHEM 6650.**Credit hours:** 3**Contact hours:** Lecture: 3 Contact: 3**Levels:** Undergraduate**Schedule types:** Lecture**Department/School:** Chemistry**CHEM 4312 Inorganic Chemistry Laboratory****Prerequisites:** Minimum grade of "C" or better in CHEM 3112.**Description:** Course will provide students with practical knowledge and experimental techniques commonly used in inorganic and organometallic chemistry.**Credit hours:** 2**Contact hours:** Lab: 2 Contact: 3 Other: 1**Levels:** Undergraduate**Schedule types:** Discussion, Lab, Combined Lab & Discussion**Department/School:** Chemistry**CHEM 4313 Medicinal Organic Chemistry****Prerequisites:** Minimum grade of "C" in CHEM 3153 and CHEM 3112.**Description:** This course looks at the development of new organic molecules for use in the pharmaceutical industry and investigates their pathway from the design stage to eventual introduction to the market. This course explores a range of important techniques necessary for the synthesis of complex organic architectures, an introduction to asymmetric synthesis, and polymer-supported synthesis of biomolecules including peptides and nucleic acids. This course also introduces various classes of drugs, mechanisms of action, drug metabolism and structure activity relationships.**Credit hours:** 3**Contact hours:** Lecture: 3 Contact: 3**Levels:** Undergraduate**Schedule types:** Lecture**Department/School:** Chemistry**CHEM 4320 Chemical and Spectrometric Identification of Organic Compounds****Prerequisites:** A grade of "C" or higher in CHEM 3112 and CHEM 3153.**Description:** Theory and practice in separating mixtures of organic compounds and some theory and practice in identifying organic compounds by spectroscopic methods. Offered for variable credit, 1-3 credit hours, maximum of 3 credit hours.**Credit hours:** 1-3**Contact hours:** Lab: 2-6 Contact: 2-6**Levels:** Undergraduate**Schedule types:** Lab**Department/School:** Chemistry**CHEM 4322 Advanced Organic Chemistry Laboratory****Prerequisites:** Minimum grade of "C" in both CHEM 3153 and CHEM 3112.**Description:** Training in the art of chemical synthesis, phenomena surrounding molecular interactions, separation strategies, and spectroscopic analysis of organic molecules. Same course as CHEM 4320.**Credit hours:** 2**Contact hours:** Lab: 4 Contact: 4**Levels:** Undergraduate**Schedule types:** Lab**Department/School:** Chemistry**CHEM 4333 Inorganic Chemistry I****Prerequisites:** CHEM 1515 with minimum grade of "C."**Description:** Bonding theory, molecular symmetry and its applications to structure, bonding and spectroscopy, structures of simple solids, inorganic acids and bases, oxidation and reduction, and industrial production of elements, coordination chemistry, crystal field theory, ligand field theory, introduction to organometallic chemistry. May not be used for degree credit with CHEM 5260.**Credit hours:** 3**Contact hours:** Lecture: 3 Contact: 3**Levels:** Undergraduate**Schedule types:** Lecture**Department/School:** Chemistry

**CHEM 4433 Computational Chemistry and Molecular Modeling****Prerequisites:** Grade of "C" or better in either CHEM 3413 or CHEM 3433.**Description:** This course introduces the concepts, tools, and possibilities for computational modeling of molecular systems. Primary topics of study include classical molecular mechanics simulations, quantum mechanical calculations, and molecular graphics & visualization. One key effort will be introduction into the usage of high performance computing systems. Such instruction on the use of the computational resources available at OSU will be provided in hands-on computer exercises that involve constructing, performing, and analyzing molecular simulations and calculations. May not be used for degree credit with CHEM 5433.**Credit hours:** 3**Contact hours:** Lecture: 3 Contact: 3**Levels:** Undergraduate**Schedule types:** Lecture**Department/School:** Chemistry**CHEM 4650 Selected Topics in Chemistry****Description:** Supervised study of selected topics and fields not otherwise covered. Offered for variable credit, 1-6 credit hours, maximum of 12 credit hours.**Credit hours:** 1-6**Contact hours:** Contact: 1-6 Other: 1-6**Levels:** Undergraduate**Schedule types:** Independent Study**Department/School:** Chemistry**CHEM 4990 Special Problems in Chemistry****Prerequisites:** Instructor permission required.**Description:** Training in independent work, study of relevant literature and experimental investigation of an assigned problem culminating in a written and oral report. Offered for variable credit, 1-6 credit hours, maximum of 6 credit hours.**Credit hours:** 1-6**Contact hours:** Contact: 1-6 Other: 1-6**Levels:** Undergraduate**Schedule types:** Independent Study**Department/School:** Chemistry**CHEM 5000 Thesis****Description:** Familiarizes the student with methods used in research in chemistry. Offered for variable credit, 1-6 credit hours, maximum of 6 credit hours.**Credit hours:** 1-6**Contact hours:** Contact: 1-6 Other: 1-6**Levels:** Graduate**Schedule types:** Independent Study**Department/School:** Chemistry**CHEM 5001 Introduction to Chemistry Research****Prerequisites:** Graduate standing.**Description:** Introduction to chemical research topics of interest to the department. Special emphasis placed on ethics, plagiarism, codes of conduct, research notebooks, publishing, and presentations.**Credit hours:** 1**Contact hours:** Lecture: 1 Contact: 1**Levels:** Graduate**Schedule types:** Lecture**Department/School:** Chemistry**CHEM 5011 Graduate Seminar****Description:** Preparation and presentation of seminars usually on subjects of current interest taken from the literature. Completion of 1 credit hour required for MS degree.**Credit hours:** 1**Contact hours:** Contact: 1 Other: 1**Levels:** Graduate**Schedule types:** Discussion**Department/School:** Chemistry**CHEM 5053 Foundations of Physical Chemistry****Prerequisites:** CHEM 3433 and CHEM 3153, or equivalent.**Description:** This course provides the foundations of physical chemistry required for all disciplines of chemistry to understand the underlying principles necessary to advance at the graduate level. This core treatment will address thermodynamics and equilibria, chemical kinetics, quantum mechanics, spectroscopy, and statistical thermodynamics. These topics will provide the conceptual learning critical for interdisciplinary applications of physical chemistry.**Credit hours:** 3**Contact hours:** Lecture: 3 Contact: 3**Levels:** Graduate**Schedule types:** Lecture**Department/School:** Chemistry**CHEM 5063 Foundations of Organic Chemistry****Prerequisites:** BS/BA in chemistry, CHEM 3153, or equivalent.**Description:** This course provides the basic principles of organic chemistry necessary to advance at the graduate level in all disciplines of chemistry. This treatment will address bonding and its consequences, stereochemistry and conformational analysis, functional groups and their interconversions, reaction mechanisms, reactive intermediates and catalysis, synthesis and retrosynthetic analysis, and modern characterization. These topics will provide the conceptual background for interdisciplinary applications of organic chemistry.**Credit hours:** 3**Contact hours:** Lecture: 3 Contact: 3**Levels:** Graduate**Schedule types:** Lecture**Department/School:** Chemistry**CHEM 5073 Foundations of Analytical Chemistry****Prerequisites:** CHEM 4023 and CHEM 4022, or equivalent.**Description:** This course provides the basic principles of analytical chemistry necessary to advance at the graduate level in all disciplines of chemistry. Subject matter includes the underlying principles of chemical analyses with emphasis on chemical and biological reactions (equilibrium, reaction rate, chemical labeling), instrumentation and instrumental design, sampling, sample preparation and method validation. These topics will provide the conceptual foundation critical for interdisciplinary applications of analytical chemistry.**Credit hours:** 3**Contact hours:** Lecture: 3 Contact: 3**Levels:** Graduate**Schedule types:** Lecture**Department/School:** Chemistry

**CHEM 5103 Physical and Chemical Separations****Prerequisites:** One year of physical chemistry.**Description:** Principles of bulk and multi-stage separation methods: chromatography, liquid-liquid extraction, and zone melting.**Credit hours:** 3**Contact hours:** Lecture: 3 Contact: 3**Levels:** Graduate**Schedule types:** Lecture**Department/School:** Chemistry**CHEM 5113 Equilibrium and Kinetics in Analytical Chemistry****Prerequisites:** One year of physical chemistry.**Description:** Physical and chemical principles of equilibrium and kinetics as applied to analytical problems.**Credit hours:** 3**Contact hours:** Lecture: 3 Contact: 3**Levels:** Graduate**Schedule types:** Lecture**Department/School:** Chemistry**CHEM 5213 Innovations in Chemistry and STEM Education****Description:** This course will train students on evidence-based instructional classroom practices relevant for improving student persistence and performance in chemistry and other STEM courses and conducting discipline-based education research in STEM.**Credit hours:** 3**Contact hours:** Lecture: 3 Contact: 3**Levels:** Graduate**Schedule types:** Lecture**Department/School:** Chemistry**CHEM 5220 Topics For Teachers****Prerequisites:** Teaching experience.**Description:** Designed to help elementary and secondary science teachers improve their subject matter competence in chemistry. Content varies depending on the needs of specific groups of teachers. Offered for variable credit, 1-9 credit hours, maximum of 9 credit hours.**Credit hours:** 1-9**Contact hours:** Contact: 1-9 Other: 1-9**Levels:** Graduate**Schedule types:** Independent Study**Department/School:** Chemistry**CHEM 5223 Polymer Chemistry****Prerequisites:** CHEM 3153 and CHEM 3433 or equivalent.**Description:** Preparation and polymerization of organic monomers; properties and uses of resulting high polymers; theories of polymerization; inorganic and natural organic polymers.**Credit hours:** 3**Contact hours:** Lecture: 3 Contact: 3**Levels:** Graduate**Schedule types:** Lecture**Department/School:** Chemistry**CHEM 5263 Foundations of Inorganic Chemistry****Prerequisites:** CHEM 1515 with minimum grade of "C."**Description:** Bonding theory, molecular symmetry and its applications to structure, bonding and spectroscopy, structures of simple solids, inorganic acids and bases, oxidation and reduction, and industrial production of elements, coordination chemistry, crystal field theory, ligand field theory, introduction to organometallic chemistry. May not be used for degree credit with CHEM 4333. Previously offered as CHEM 5260.**Credit hours:** 3**Contact hours:** Lecture: 3 Contact: 3**Levels:** Graduate**Schedule types:** Lecture**Department/School:** Chemistry**CHEM 5283 Solid State Chemistry****Prerequisites:** CHEM 5263.**Description:** Structure, bonding, and properties of crystalline and amorphous inorganic solids. Emphasis on the characterization of inorganic solids and phase transitions in inorganic solids.**Credit hours:** 3**Contact hours:** Lecture: 3 Contact: 3**Levels:** Graduate**Schedule types:** Lecture**Department/School:** Chemistry**CHEM 5323 Reactions of Organic Compounds****Prerequisites:** CHEM 3153.**Description:** Products and mechanisms of reactions of importance in organic synthesis.**Credit hours:** 3**Contact hours:** Lecture: 3 Contact: 3**Levels:** Graduate**Schedule types:** Lecture**Department/School:** Chemistry**CHEM 5373 Spectrometric Identification of Organic Compounds****Prerequisites:** CHEM 4320.**Description:** Lectures on ultraviolet, circular dichroism, infrared, nuclear magnetic resonance (NMR) and mass spectrometry (MS). More advanced techniques in NMR and MS stressed. Hands-on training and use of modern spectroscopic instrumentation in laboratory.**Credit hours:** 3**Contact hours:** Lecture: 3 Contact: 3**Levels:** Graduate**Schedule types:** Lecture**Department/School:** Chemistry**CHEM 5433 Computational Chemistry and Molecular Modeling****Prerequisites:** CHEM 3433 or equivalent.**Description:** This course introduces the concepts, tools, and possibilities for computational modeling of molecular systems. Primary topics of study include classical molecular mechanics simulations, quantum mechanical calculations, and molecular graphics & visualization. One key effort will be introduction into the usage of high performance computing systems. Such instruction on the use of the computational resources available at OSU will be provided in hands-on computer exercises that involve constructing, performing, and analyzing molecular simulations and calculations. May not be used for degree credit with CHEM 4433.**Credit hours:** 3**Contact hours:** Lecture: 3 Contact: 3**Levels:** Graduate**Schedule types:** Lecture**Department/School:** Chemistry

**CHEM 5443 Mechanism and Structure in Organic Chemistry****Prerequisites:** CHEM 3153 and CHEM 3553.**Description:** Relationship of properties of organic compounds to their structure; mechanisms of organic reactions.**Credit hours:** 3**Contact hours:** Lecture: 3 Contact: 3**Levels:** Graduate**Schedule types:** Lecture**Department/School:** Chemistry**CHEM 5563 Chemical Thermodynamics I****Prerequisites:** CHEM 3553.**Description:** Statistical and classical thermodynamics applied to chemical systems.**Credit hours:** 3**Contact hours:** Lecture: 3 Contact: 3**Levels:** Graduate**Schedule types:** Lecture**Department/School:** Chemistry**CHEM 5623 Quantum Chemistry I****Prerequisites:** CHEM 3553.**Description:** Fundamentals of quantum mechanics, including classical mechanics, wave representation of matter, the Schrodinger equation, and atomic structure.**Credit hours:** 3**Contact hours:** Lecture: 3 Contact: 3**Levels:** Graduate**Schedule types:** Lecture**Department/School:** Chemistry**CHEM 5650 Selected Topics in Chemistry****Description:** Supervised study of selected topics and fields not otherwise covered. Offered for variable credit, 1-6 credit hours, maximum of 12 credit hours.**Credit hours:** 1-6**Contact hours:** Contact: 1-6 Other: 1-6**Levels:** Graduate**Schedule types:** Independent Study**Department/School:** Chemistry**CHEM 5963 Advanced Inorganic Chemistry****Prerequisites:** CHEM 5263.**Description:** Inorganic reaction mechanisms, catalysis, electronic spectra of complexes, luminescence of inorganic compounds, lanthanide and actinide chemistry, introduction to biological inorganic chemistry. Previously offered as CHEM 5960.**Credit hours:** 3**Contact hours:** Lecture: 3 Contact: 3**Levels:** Graduate**Schedule types:** Lecture**Department/School:** Chemistry**CHEM 6000 Doctoral Dissertation Research****Prerequisites:** MS degree in chemistry or consent of instructor.**Description:** Independent investigation under the direction and supervision of a major professor. Offered for variable credit, 1-15 credit hours, maximum of 60 credit hours.**Credit hours:** 1-15**Contact hours:** Contact: 1-15 Other: 1-15**Levels:** Graduate**Schedule types:** Independent Study**Department/School:** Chemistry**CHEM 6010 Research Seminar****Prerequisites:** Consent of instructor.**Description:** Participation in departmental seminars on current topics in chemistry. One credit hour each fall and spring required for MS and PhD candidates with the exception of the first semester. Offered for variable credit, 1-20 credit hours, maximum of 20 credit hours.**Credit hours:** 1-20**Contact hours:** Contact: 1-20 Other: 1-20**Levels:** Graduate**Schedule types:** Independent Study**Department/School:** Chemistry**CHEM 6011 Advanced Seminar****Prerequisites:** CHEM 5011 or MS degree.**Description:** Preparation and oral presentation of critical reviews on chemical subjects. Usually related to the student's research area. Completion of one credit hour required for the PhD degree.**Credit hours:** 1**Contact hours:** Contact: 1 Other: 1**Levels:** Graduate**Schedule types:** Discussion**Department/School:** Chemistry**CHEM 6050 Special Topics in Analytical Chemistry****Description:** Supervised study of topics and fields not otherwise covered. Offered for variable credit, 1-6 credit hours, maximum of 6 credit hours.**Credit hours:** 1-6**Contact hours:** Contact: 1-6 Other: 1-6**Levels:** Graduate**Schedule types:** Independent Study**Department/School:** Chemistry**CHEM 6103 Electroanalytical Chemistry****Prerequisites:** CHEM 4024.**Description:** The theory, practice and instrumentation in various areas of modern electroanalytical chemistry.**Credit hours:** 3**Contact hours:** Lecture: 3 Contact: 3**Levels:** Graduate**Schedule types:** Lecture**Department/School:** Chemistry**CHEM 6113 Analytical Spectroscopy****Prerequisites:** CHEM 4024.**Description:** Survey of selected topics in analytical applications of spectroscopic techniques. Fundamental concepts as well as current trends in research, including instrumentation.**Credit hours:** 3**Contact hours:** Lecture: 3 Contact: 3**Levels:** Graduate**Schedule types:** Lecture**Department/School:** Chemistry**CHEM 6223 Physical Polymer Science****Prerequisites:** CHEM 5223 or equivalent.**Description:** A study of the physical properties of macromolecular systems including polymer solutions, gels, bulk polymers and rubbers. The characterization of polymers based on their thermal, spectroscopic, microstructure and molecular masses is also discussed.**Credit hours:** 3**Contact hours:** Lecture: 3 Contact: 3**Levels:** Graduate**Schedule types:** Lecture**Department/School:** Chemistry



**CHEM 6303 Physical Organic Chemistry****Prerequisites:** BS/BA in chemistry, CHEM 3153, or equivalent.**Description:** This course is an examination of the methods used in organic chemistry to probe mechanisms and reactive intermediates. Topics will include isotope effects, kinetics, linear free energy relationships, an introduction of orbital symmetry, rearrangements, stereo electronic effects, the generation and chemistry of carbenium ions, carbanions, carbenes, radicals, excited states, and strained molecules.**Credit hours:** 3**Contact hours:** Lecture: 3 Contact: 3**Levels:** Graduate**Schedule types:** Lecture**Department/School:** Chemistry**CHEM 6420 Special Topics in Organic Chemistry****Prerequisites:** CHEM 3153.**Description:** Deals with topics not covered in other courses. Offered for variable credit, 1-9 credit hours, maximum of 9 credit hours.**Credit hours:** 1-9**Contact hours:** Contact: 1-9 Other: 1-9**Levels:** Graduate**Schedule types:** Independent Study**Department/School:** Chemistry**CHEM 6453 Chemical Kinetics****Prerequisites:** CHEM 3553.**Description:** The kinetics of chemical reactions and their theoretical interpretation.**Credit hours:** 3**Contact hours:** Lecture: 3 Contact: 3**Levels:** Graduate**Schedule types:** Lecture**Department/School:** Chemistry**CHEM 6553 Molecular Spectroscopy****Prerequisites:** CHEM 5623.**Description:** Spectra and structure of molecules.**Credit hours:** 3**Contact hours:** Lecture: 3 Contact: 3**Levels:** Graduate**Schedule types:** Lecture**Department/School:** Chemistry**CHEM 6650 Selected Topics in Chemistry****Prerequisites:** Consent of instructor.**Description:** Supervised study of selected topics and fields not otherwise covered. Offered for variable credit, 1-6 credit hours, maximum of 12 credit hours.**Credit hours:** 1-6**Contact hours:** Contact: 1-6 Other: 1-6**Levels:** Graduate**Schedule types:** Independent Study**Department/School:** Chemistry**CHEM 6803 Photonics I: Advanced Optics****Prerequisites:** ECEN 3813 or PHYS 3213, or consent of instructor.**Description:** Advanced optics, including spectral and time characteristics of detectors, characteristics of lasers, time, spectral and spatial parameters of laser emission, interferometric techniques, and nonlinear effects such as two-photon absorption and second and third harmonic generations. Ultra short laser pulses. Same course as ECEN 6803 & PHYS 6803. Offered for fixed credit, maximum of 9 credit hours.**Credit hours:** 3**Contact hours:** Lab: 6 Contact: 6**Levels:** Graduate**Schedule types:** Lab**Department/School:** Chemistry**CHEM 6810 Photonics II: THz photonics and THz time-domain spectroscopy****Prerequisites:** CHEM 6803.**Description:** THz photonics and THz time-domain spectroscopy (THz-TDS). Concepts and techniques of driving electronic circuitry with ultra short laser pulses to generate and detect freely propagating pulses of THz electromagnetic radiation using several operational research systems. Same course as ECEN 6810 & PHYS 6810. Offered for fixed credit, maximum of 4 credit hours.**Credit hours:** 1**Contact hours:** Lab: 2 Contact: 2**Levels:** Graduate**Schedule types:** Lab**Department/School:** Chemistry**CHEM 6811 Photonics II: THz Photonics and THz - TDS****Prerequisites:** CHEM 6803.**Description:** THz photonics and THz time-domain spectroscopy (THz-TDS). Concepts and techniques of driving electronic circuitry with ultrashort laser pulses to generate and detect freely propagating pulses of THz electromagnetic radiation using several operational research systems. Same course as ECEN 6811 and PHYS 6811.**Credit hours:** 1**Contact hours:** Lecture: 1 Contact: 3**Levels:** Graduate**Schedule types:** Lecture**Department/School:** Chemistry**CHEM 6820 Photonics II: Spectroscopy II****Prerequisites:** CHEM 6803.**Description:** Operating principles and applications of laser spectroscopy of atoms, molecules, solids and complex fluids. Absorption, emission, photon correlation, coherence, time resolved Fourier transform. Raman spectroscopy and non-linear optical. Same course as ECEN 6820 & PHYS 6820. Offered for fixed credit, 1 credit hour(s), maximum of 4 credit hours.**Credit hours:** 1**Contact hours:** Lab: 2 Contact: 2**Levels:** Graduate**Schedule types:** Lab**Department/School:** Chemistry



**CHEM 6830 Photonics II: Spectroscopy III****Prerequisites:** CHEM 6803.

**Description:** Advanced spectroscopic instruments and methods used for investigation of semi-conductors and solid state material. Stimulated emission characterized both in wavelength and in time. Time-resolved fluorescence measurements. Multiphotonic excitations. Fast measuring techniques, including subnanosecond detectors, picosecond streak cameras, and ultra fast four-wave mixing and correlation techniques. Time-dependent photoconductivity measurements. Same course as ECEN 6830 & PHYS 6830. Offered for fixed credit, 1 credit hour(s), maximum of 4 credit hours.

**Credit hours:** 1**Contact hours:** Lab: 2 Contact: 2**Levels:** Graduate**Schedule types:** Lab**Department/School:** Chemistry**CHEM 6840 Photonics III: Microscopy II****Prerequisites:** CHEM 3553 or consent of instructor.

**Description:** The structure and imaging of solid surfaces. Basics of scanning probe microscopy (SPM). Contact and noncontact atomic force microscopy (AFM). Scanning tunneling microscopy (STM) in air. Same course as ECEN 6840 & PHYS 6840. Offered for fixed credit, 1 credit hour(s), maximum of 4 credit hours.

**Credit hours:** 1**Contact hours:** Lab: 2 Contact: 2**Levels:** Graduate**Schedule types:** Lab**Department/School:** Chemistry**CHEM 6850 Photonics III: Microscopy II****Prerequisites:** CHEM 3553 or consent of instructor.

**Description:** Advanced techniques of scanning probe microscopy (SPM). Magnetic force microscopy, Kelvin force microscopy, scanning tunneling microscopy (STM) in vacuum. Characterization of materials with SPM. Nanolithography with SPM. Device manufacturing and analysis. Same course as ECEN 6850 & PHYS 6850. Offered for fixed credit, 1 credit hour(s), maximum of 4 credit hours.

**Credit hours:** 1**Contact hours:** Lab: 2 Contact: 2**Levels:** Graduate**Schedule types:** Lab**Department/School:** Chemistry**CHEM 6860 Photonics III: Microscopy III and Image Processing****Prerequisites:** ECEN 5793.

**Description:** Digital image processing, including projects. Image acquisition and display, image enhancement, geometric operations, linear and nonlinear filtering, image restoration, edge detection, image analysis, morphology, segmentation, recognition, and coding/compression. Same course as ECEN 6860 & PHYS 6860. Offered for fixed credit, 1 credit hour(s), maximum of 4 credit hours.

**Credit hours:** 1**Contact hours:** Lab: 2 Contact: 2**Levels:** Graduate**Schedule types:** Lab**Department/School:** Chemistry**CHEM 6870 Photonics IV: Synthesis and Devices I****Prerequisites:** CHEM 6803 and CHEM 6840.

**Description:** Preparation of functional nanostructures and related optical and electronic devices. Physical and chemical methods of thin film deposition. Engineering of prototypes of light emitting diodes, sensors, optical limiting coatings, lithographic patterns. Same course as ECEN 6870 & PHYS 6870. Offered for variable credit, 1 credit hour(s), maximum of 4 credit hours.

**Credit hours:** 1**Contact hours:** Lab: 2 Contact: 2**Levels:** Graduate**Schedule types:** Lab**Department/School:** Chemistry**CHEM 6880 Photonics IV: Semiconductor Devices, Testing and Characterization****Prerequisites:** CHEM 6803.

**Description:** Test and characterization of semiconductor and optoelectronic devices. Hall Effect, four point probe, CV and IV measurements, optical pump-probe, photoluminescence and electro-optics sampling. Same course as ECEN 6880 & PHYS 6880. Offered for fixed credit, 1 credit hour(s), maximum of 4 credit hours.

**Credit hours:** 1**Contact hours:** Lab: 2 Contact: 2**Levels:** Graduate**Schedule types:** Lab**Department/School:** Chemistry**CHEM 6890 Photonics IV: Semiconductor Synthesis and Devices III****Prerequisites:** CHEM 6803.

**Description:** Processing, fabrication and characterization of semiconductor optoelectronic devices in class 100/10000 clean rooms. Clean room operation, including general procedure for material processing and device fabrication. Device processing using a variety of processing such as mask aligner, vacuum evaporators and rapid thermal annealer. Testing using optical and electrical testing apparatus such as I-V, C-V, Hall and optical spectral measurement systems. Same course as ECEN 6890 & PHYS 6890. Offered for variable credit, 1 credit hour(s), maximum of 4 credit hours.

**Credit hours:** 1**Contact hours:** Lab: 2 Contact: 2**Levels:** Graduate**Schedule types:** Lab**Department/School:** Chemistry

## Undergraduate Programs

- Biochemistry, BS (p. 1052)
- Chemistry (Approved by the American Chemical Society), BS (p. 1055)
- Chemistry: Departmental Degree, BS (p. 1058)
- Chemistry: Pre-Health/Pre-Law, BS (p. 1061)
- Chemistry: Secondary Teacher Certification, BS (p. 1064)
- Medicinal and Biophysical Chemistry, BS (p. 1067)

## Graduate Programs

### Prerequisites

Students entering this program should have at least eight semester credit hours (or the equivalent) in general, analytical, organic and

physical chemistry. The physical chemistry should have been based on mathematics through calculus.

**Teaching Assistant Professors:** Tracy Kerr, PhD; Reza Latifi, PhD

## Admission Requirements

For admission, a grade-point average of 3.00 or better is generally required. Deserving applicants with grade-point averages less than 3.00 are occasionally admitted under probationary conditions. Additional support of the application is sought in the form of three letters of recommendation. Graduate Record Examination scores are not required. Recommendations on admission to the Graduate College are made on behalf of the applicant by the departmental admission officer. Acceptance by a permanent advisor is not a prerequisite for admission to the program.

## Degree Requirements

A more detailed description of the graduate study program in chemistry is available in a brochure supplied by the department upon request, or on the Internet at <http://chemistry.okstate.edu>. The requirements set forth below complement the general requirements stated in the "Graduate College (p. 2766)" section of the OSU Catalog. Attendance and participation in the departmental colloquia are required.

## The Master of Science Degree

Students must complete at least 30 credit hours of graduate coursework in chemistry or related fields. Each student must present an acceptable thesis dealing with a research problem and pass a final oral examination covering it and related material. Research on the thesis problem should be started as early as possible in the graduate program.

## The Doctor of Philosophy Degree

Work is offered which leads to the degree with a focus in analytical, biological, environmental, inorganic, materials, medicinal, nanotechnology, organic physical, polymer or theoretical chemistry or chemical education. The student must pass a qualifying examination in his or her field of specialization. An acceptable dissertation must be presented which contains a substantial original contribution to the field of chemistry. The student must pass a final oral examination covering the dissertation and related material. The Doctor of Philosophy degree requires the completion of at least 90 semester credit hours of work beyond the bachelor's degree. The course requirements are determined by the student and his/her advisory committee consistent with departmental requirements.

## Minors

- Chemistry (CHEM), Minor (p. 1070)

## Faculty

Nicholas Materer, PhD—Professor and Chair

**Regents Professors:** K. Darrell Berlin, PhD; Frank D. Blum, PhD (Harrison I. Bartlett Chair); Richard A. Bunce, PhD; Warren T. Ford, PhD (emeritus); Lionel M. Raff, PhD (emeritus); Ziad El Rassi, PhD

**Professors:** Allen W. Apblett, PhD; J. Paul Devlin, PhD (emeritus); John I. Gelder, PhD (emeritus); Barry Lavine, PhD; Smita Mohanty, PhD; Mark G. Rockley, PhD (emeritus); Sheryl Tucker, PhD; Charles S. Weinert, PhD

**Associate Professors:** Christopher Fennell, PhD; Sadagopan Krishnan, PhD; Toby Nelson, PhD; Yolanda Vasquez, PhD; Jimmie Weaver, PhD

**Assistant Professors:** Jeannie Bolliger, PhD; Gabriel Cook, PhD; Martin McCullagh, PhD; Jacinta Mutambuki, PhD; Laleh Tahsini, PhD

# Biochemistry, BS

## Degree Requirements

**Requirements for Students Matriculating in or before Academic Year 2022-2023.** Learn more about University Academic Regulation 3.1 (p. 943).

**Minimum Overall Grade Point Average: 2.00**

**Total Hours: 120**

Code	Title	Hours
<b>General Education Requirements</b>		
<i>English Composition</i>		
See Academic Regulation 3.5 (p. 944)		
ENGL 1113	Composition I	3
or ENGL 1313	Critical Analysis and Writing I	
Select one of the following:		3
ENGL 1213	Composition II	
ENGL 1413	Critical Analysis and Writing II	
ENGL 3323	Technical Writing	
<i>American History &amp; Government</i>		
HIST 1103	Survey of American History	3
or HIST 1483	American History to 1865 (H)	
or HIST 1493	American History Since 1865 (DH)	
POLS 1113	American Government	3
<i>Analytical &amp; Quantitative Thought (A)</i>		
MATH 2144	Calculus I (A) <sup>1</sup>	4
<i>Humanities (H)</i>		
Courses designated (H)		6
<i>Natural Sciences (N)</i>		
Must include one Laboratory Science (L) course		
CHEM 1314	Chemistry I (LN) <sup>1</sup>	4
PHYS 1114	College Physics I (LN) <sup>1</sup>	4
or PHYS 2014	University Physics I (LN)	
<i>Social &amp; Behavioral Sciences (S)</i>		
Course designated (S)		3
<i>Additional General Education</i>		
Courses designated (A), (H), (N), or (S)		7
<b>Hours Subtotal</b>		<b>40</b>
<b>Diversity (D) &amp; International Dimension (I)</b>		
May be completed in any part of the degree plan		
Select at least one Diversity (D) course		
Select at least one International Dimension (I) course		
<b>College/Departmental Requirements</b>		
<i>First Year Seminar</i>		
(Transfer students with 15 hours exempt)		1
<i>Arts &amp; Humanities</i>		
See note 2.a.		3
<i>Natural &amp; Mathematical Sciences</i>		
BIOL 1113	Introductory Biology (N)	4
& BIOL 1111	and Introductory Biology Laboratory (LN)	
or BIOL 1114	Introductory Biology (LN)	
CHEM 1515	Chemistry II (LN)	5

### Foreign Language

See note 3	0
0-6 hours	

### Upper-Division General Education

Select 6 hours outside major department

See note 2.c.

**Hours Subtotal** **13**

### Major Requirements

Minimum GPA 2.00.

BIOC 3713	Biochemistry I	3
BIOC 3723	Biochemistry and Molecular Biology Laboratory	3
BIOC 3813	Biochemistry II	3
BIOC 3223	Physical Chemistry for Biologists	3
or CHEM 3413	Physical Chemistry Applications	
or CHEM 3433	Physical Chemistry I	
BIOC 4883	Senior Seminar in Biochemistry	3
or CHEM 4313	Medicinal Organic Chemistry	
BIOC 4990	Undergraduate Research	2
or CHEM 4990	Special Problems in Chemistry	
or MICR 4990	Special Problems	
BIOL 1604	Animal Biology	4
or PBIOL 1404	Plant Biology (LN)	
BIOL 3023	General Genetics	3
or ANSI 3423	Animal Genetics	
or PLNT 3554	Plant Genetics and Biotechnology	
CHEM 2113	Principles of Analytical Chemistry	3
CHEM 3053	Organic Chemistry I	3
CHEM 3112	Organic Chemistry Laboratory	2
CHEM 3153	Organic Chemistry II	3
MATH 2153	Calculus II (A)	3
or STAT 2013	Elementary Statistics (A)	
or STAT 4013	Statistical Methods I (A)	
MICR 2123	Introduction to Microbiology	3
MICR 2132	Introduction to Microbiology Laboratory	2
PHYS 1214	College Physics II (LN)	4
or PHYS 2114	University Physics II (LN)	
Select at least one of the following:		3
BIOL 3204	Physiology	
BIOL 3214	Human Anatomy	
MICR 3223	Advanced Microbiology	
PBIO 4463	Plant Physiology	

### Additional Requirements

Select 6 hours of the following: **6**

BIOL	
CHEM	
MICR	

With approval from the advisor and department head, maximum of 30 hours of science courses from an accredited doctoral health program may be substituted for major requirements other than BIOC 3713 Biochemistry I, BIOC 3723 Biochemistry and Molecular Biology Laboratory, BIOC 3813 Biochemistry II.

**Hours Subtotal** **56**

<b>Electives</b>	
Select 11 hours	11
May need to include 6 hours of a foreign language (see note 3)	
May need to include 6 hours upper-division general education outside major department (see note 2.c.) and 6 additional upper-division hours	
MATH 1513 and MATH 1813 required for students who do not place directly into MATH 2144.	
<b>Hours Subtotal</b>	<b>11</b>
<b>Total Hours</b>	<b>120</b>

## Other Requirements

- See the College of Arts and Sciences Requirements.
- Minimum GPA 2.00 in all BIOC courses.
- **Upper-Division Credit:** Total hours must include at least 40 hours in courses numbered 3000 or above.
- **Hours in One Department:** For B.A. and B.S. degrees, no more than 54 hours in one department may be applied to degree requirements.

## College of Arts and Sciences Requirements

### 1. General Education Requirements

No more than two courses (or eight hours) from the major department (<http://catalog.okstate.edu/college-arts-sciences-major-departments/>) may be used to meet General Education and College and Departmental Requirements. The General Education required English Composition, required U.S. History, required American Government, one required MATH or STAT course, and required foreign language for B.A. degrees do not count against the two-course maximum.

### 2. A&S College/Departmental Requirements

- Arts and Humanities are defined as any course carrying an (H) designation or courses from AMST, ART, DANC, ENGL (except ENGL 3323 Technical Writing) HIST, MUSI, PHIL (except PHIL 1313 Logic and Critical Thinking (A), PHIL 3003 Symbolic Logic (A) and PHIL 4003 Mathematical Logic and Computability), REL, TH, and foreign languages.
- Natural and Mathematical Sciences are defined as any course from the following prefixes: ASTR, BIOC, BIOL, CHEM, CS (except CS 4883 Social Issues in Computing), GEOL, MATH, MICR, PBIO, PHYS, and STAT; or courses from other departments that carry an (A) or (N) general education designation.
- The required six hours of upper-division General Education may not include courses from the student's major department. This requirement may be satisfied by courses also used to satisfy any part of a student's degree program (i.e., in General Education, College Departmental Requirements, Major Requirements or Electives).
- Non-Western Studies Requirement for B.A. and B.F.A.; One 3-hour course in Non-Western Studies (N.W.). This requirement may be satisfied by courses also used to satisfy any part of a student's degree program (i.e., in General Education, College Departmental Requirements, Major Requirements or Electives).
- The College of Arts & Sciences requires a minimum 2.0 GPA in all major requirements and a minimum 2.0 GPA in all major-prefix courses applied to the degree.

### 3. Foreign Language Proficiency

- The foreign language requirement for the B.A. may be satisfied by 9 hours college credit in the same language, which must include 3 hours at the 2000-level, or equivalent proficiency (e.g., passing an advanced standing examination; TOEFL exam; presenting a high school transcript which demonstrates the high school was primarily conducted in a language other than English; etc.). Computer Science courses may not be used to satisfy this requirement. Currently Arabic and Mvskoke are not offered at the 2000-level at OSU.
- The foreign language requirement for the B.S., B.M. and B.F.A. may be satisfied by presenting a high school transcript which demonstrates two years of study of a single foreign language (passing grades at second-year level of study). It may also be satisfied by 6 hours college credit in the same language, which must include language courses 1713 and 1813, or equivalent proficiency (e.g., passing an advanced standing examination; TOEFL exam; presenting a high school transcript which demonstrates the high school was primarily conducted in a language other than English; etc.). Computer Science courses may not be used to satisfy this requirement.
- In addition to a. and b., students pursuing teacher certification must meet novice-high foreign language proficiency by presenting a high school transcript which demonstrates two years of study of a single foreign language with no grade below B. Or, students may complete 3 hours college credit in a single language with no grade below C (or pass an advanced standing examination, College Level Examination Program (CLEP) exam, or Oral Proficiency Interview developed by the American Council on the Teaching of Foreign Languages, equivalent to 3 hours of college credit.) Or, students may meet the requirement by transfer of documentation of meeting the foreign language competency from one of the teacher education programs in the State of Oklahoma approved by the Oklahoma State Regents for Higher Education.

### 4. Exclusions

- Courses used to satisfy the General Education English Composition, U.S. History, American Government, and Mathematics or Statistics requirements will not count toward the 54-hour maximum allowed from one department.
- Courses with ATHL or LEIS prefixes and leisure activity courses may not be used for degree credit.

## Additional State/OSU Requirements

- At least: 60 hours at a four-year institution; 30 hours completed at OSU; 15 of the final 30 or 50% of the upper-division hours in the major field completed at OSU.
- Limit of: one-half of major course requirements as transfer work; one-fourth of hours earned by correspondence; 8 transfer correspondence hours.
- Students will be held responsible for degree requirements in effect at the time of matriculation and any changes that are made, so long as these changes do not result in semester credit hours being added or do not delay graduation.
- Degrees that follow this plan must be completed by the end of Summer 2028.

## Example Plan of Study Finish in Four Plan of Study

The plan below is an example of how students can successfully complete degree requirements in four years. This suggested class schedule plan may be used as a guide and can be adjusted based on individual needs. Students are required to meet with an academic advisor prior to enrollment each semester to plan their class schedule, and students are ultimately responsible for completing all degree requirements.

Course	Title	Hours
<b>Freshman</b>		
<b>Fall</b>		
CHEM 1314	Chemistry I (LN)	4
MATH 2144	Calculus I (A)	4
General Education courses		7
<b>Hours</b>		<b>15</b>
<b>Spring</b>		
BIOL 1113 & BIOL 1111	Introductory Biology (N) and Introductory Biology Laboratory (LN)	4
CHEM 1515	Chemistry II (LN)	5
STAT 2013 or STAT 4013 or MATH 2153	Elementary Statistics (A) or Statistical Methods I (A) or Calculus II (A)	3
General Education courses		3
<b>Hours</b>		<b>15</b>
<b>Sophomore</b>		
<b>Fall</b>		
BIOL 1604 or PBIO 1404	Animal Biology or Plant Biology (LN)	4
CHEM 3053	Organic Chemistry I	3
MICR 2123	Introduction to Microbiology	3
MICR 2132	Introduction to Microbiology Laboratory	2
General Education courses		3
<b>Hours</b>		<b>15</b>
<b>Spring</b>		
CHEM 3153	Organic Chemistry II	3
CHEM 3112	Organic Chemistry Laboratory	2
PHYS 1114	College Physics I (LN)	4
General Education courses		6
<b>Hours</b>		<b>15</b>
<b>Junior</b>		
<b>Fall</b>		
BIOC 3713	Biochemistry I	3
PHYS 1214	College Physics II (LN)	4
CHEM 2113	Principles of Analytical Chemistry	3
College and Elective courses		5
<b>Hours</b>		<b>15</b>
<b>Spring</b>		
BIOC 3813	Biochemistry II	3
BIOC 3723	Biochemistry and Molecular Biology Laboratory	3
BIOL 3023 or ANSI 3423 or PBIO 4553	General Genetics or Animal Genetics or Molecular Phylogenetic Analysis	3
College and Elective courses		6
<b>Hours</b>		<b>15</b>
<b>Senior</b>		
<b>Fall</b>		
BIOC 3223 or CHEM 3413 or CHEM 3433	Physical Chemistry for Biologists or Physical Chemistry Applications or Physical Chemistry I	3
Major, College, and Elective courses		12
<b>Hours</b>		<b>15</b>

### Spring

BIOC 4883 or MICR 4233 or CHEM 4313	Senior Seminar in Biochemistry or Advanced Cell and Molecular Biology or Medicinal Organic Chemistry	3
Major, College, and Elective courses		12
<b>Hours</b>		<b>15</b>
<b>Total Hours</b>		<b>120</b>

1

Speak with academic advisor about saving General Education electives and Humanities (H) for Upper-division courses with International (I) and Diversity (D) dimensions.

# Chemistry (Approved by the American Chemical Society), BS

## Degree Programs

**Requirements for Students Matriculating in or before Academic Year 2022-2023.** Learn more about University Academic Regulation 3.1 (p. 943).

**Minimum Overall Grade Point Average: 2.00**

**Total Hours: 120**

Code	Title	Hours
<b>General Education Requirements</b>		
<i>English Composition</i>		
See Academic Regulation 3.5 (p. 944)		
ENGL 1113 or ENGL 1313	Composition I Critical Analysis and Writing I	3
ENGL 1213 or ENGL 1413 or ENGL 3323	Composition II Critical Analysis and Writing II Technical Writing	3
<i>American History &amp; Government</i>		
HIST 1103 or HIST 1483 or HIST 1493	Survey of American History American History to 1865 (H) American History Since 1865 (DH)	3
POLS 1113	American Government	3
<i>Analytical &amp; Quantitative Thought (A)</i>		
MATH 2144	Calculus I (A) <sup>1</sup>	4
<i>Humanities (H)</i>		
Courses designated (H)		6
<i>Natural Sciences (N)</i>		
Must include one Laboratory Science (L) course		
BIOL 1113 & BIOL 1111 or BIOL 1114	Introductory Biology (N) and Introductory Biology Laboratory (LN) <sup>1</sup> Introductory Biology (LN)	4
CHEM 1314	Chemistry I (LN) <sup>1</sup>	4
<i>Social &amp; Behavioral Sciences (S)</i>		
Course designated (S)		3
<i>Additional General Education</i>		
Courses designated (A), (H), (N), or (S)		7
<b>Hours Subtotal</b>		<b>40</b>
<b>Diversity (D) &amp; International Dimension (I)</b>		
May be completed in any part of the degree plan		
Select at least one Diversity (D) course		
Select at least one International Dimension (I) course		
<b>College/Departmental Requirements</b>		
<i>First Year Seminar</i>		
(Transfer students with 15 hours exempt)		1
<i>Arts &amp; Humanities</i>		
See note 2.a.		3
<i>Natural &amp; Mathematical Sciences</i>		
CHEM 1515	Chemistry II (LN)	5
PHYS 2014	University Physics I (LN)	4
<i>Foreign Language</i>		

See note 3

0-6 hours

*Upper-Division General Education*

Select 6 hours outside major department

See note 2.c.

**Hours Subtotal** **13**

### Major Requirements

Minimum major GPA 2.50. Minimum grade of "C" in each course in Chemistry numbered 2000 or above. Minimum 2.0 GPA in all CHEM courses.

CHEM 2113	Principles of Analytical Chemistry	3
CHEM 2122	Quantitative Analysis Laboratory	2
CHEM 3053	Organic Chemistry I	3
CHEM 3112	Organic Chemistry Laboratory	2
CHEM 3153	Organic Chemistry II	3
CHEM 3353	Descriptive Inorganic Chemistry	3
CHEM 3433	Physical Chemistry I	3
CHEM 3532	Physical Chemistry Laboratory	2
CHEM 3553	Physical Chemistry II	3
CHEM 4022	Modern Methods of Chemical Analysis Laboratory	2
CHEM 4023	Modern Methods of Chemical Analysis	3
CHEM 4322	Advanced Organic Chemistry Laboratory	2
CHEM 4333	Inorganic Chemistry I	3
CHEM 4990	Special Problems in Chemistry (2 hours)	2
BIOC 3653	Survey of Biochemistry	3
MATH 2153	Calculus II (A)	3
MATH 2163	Calculus III	3
MATH 2233	Differential Equations	3
MATH 3013	Linear Algebra (A)	3
PHYS 2114	University Physics II (LN)	4
<b>Hours Subtotal</b>		<b>55</b>

### Electives

Select 12 hours 12

May need to include 6 hours of a foreign language (see note 3)

May need to include 6 hours upper-division general education outside major department (see note 2.c.)

MATH 1513 and MATH 1813 required for students who do not place directly into MATH 2144.

Advanced CHEM and MATH courses recommended.

**Hours Subtotal** **12**

**Total Hours** **120**

1

College and Departmental Requirements that may be used to meet General Education Requirements.

## Other Requirements

- See the College of Arts and Sciences Requirements.
- **Upper-Division Credit:** Total hours must include at least 40 hours in courses numbered 3000 or above.
- **Hours in One Department:** For B.A. and B.S. degrees, no more than 54 hours in one department may be applied to degree requirements.



## College of Arts and Sciences Requirements

### 1. General Education Requirements

No more than two courses (or eight hours) from the major department (<http://catalog.okstate.edu/college-arts-sciences-major-departments/>) may be used to meet General Education and College and Departmental Requirements. The General Education required English Composition, required U.S. History, required American Government, one required MATH or STAT course, and required foreign language for B.A. degrees do not count against the two-course maximum.

### 2. A&S College/Departmental Requirements

- Arts and Humanities are defined as any course carrying an (H) designation or courses from AMST, ART, DANC, ENGL (except ENGL 3323 Technical Writing) HIST, MUSI, PHIL (except PHIL 1313 Logic and Critical Thinking (A), PHIL 3003 Symbolic Logic (A) and PHIL 4003 Mathematical Logic and Computability), REL, TH, and foreign languages.
- Natural and Mathematical Sciences are defined as any course from the following prefixes: ASTR, BIOC, BIOL, CHEM, CS (except CS 4883 Social Issues in Computing), GEOL, MATH, MICR, PBIO, PHYS, and STAT; or courses from other departments that carry an (A) or (N) general education designation.
- The required six hours of upper-division General Education may not include courses from the student's major department. This requirement may be satisfied by courses also used to satisfy any part of a student's degree program (i.e., in General Education, College Departmental Requirements, Major Requirements or Electives).
- Non-Western Studies Requirement for B.A. and B.F.A.; One 3-hour course in Non-Western Studies (N.W.). This requirement may be satisfied by courses also used to satisfy any part of a student's degree program (i.e., in General Education, College Departmental Requirements, Major Requirements or Electives).
- The College of Arts & Sciences requires a minimum 2.0 GPA in all major requirements and a minimum 2.0 GPA in all major-prefix courses applied to the degree.

### 3. Foreign Language Proficiency

- The foreign language requirement for the B.A. may be satisfied by 9 hours college credit in the same language, which must include 3 hours at the 2000-level, or equivalent proficiency (e.g., passing an advanced standing examination; TOEFL exam; presenting a high school transcript which demonstrates the high school was primarily conducted in a language other than English; etc.). Computer Science courses may not be used to satisfy this requirement. Currently Arabic and Mvskoke are not offered at the 2000-level at OSU.
- The foreign language requirement for the B.S., B.M. and B.F.A. may be satisfied by presenting a high school transcript which demonstrates two years of study of a single foreign language (passing grades at second-year level of study). It may also be satisfied by 6 hours college credit in the same language, which must include language courses 1713 and 1813, or equivalent proficiency (e.g., passing an advanced standing examination; TOEFL exam; presenting a high school transcript which demonstrates the high school was primarily conducted in a language other than English; etc.). Computer Science courses may not be used to satisfy this requirement.

- In addition to a. and b., students pursuing teacher certification must meet novice-high foreign language proficiency by presenting a high school transcript which demonstrates two years of study of a single foreign language with no grade below B. Or, students may complete 3 hours college credit in a single language with no grade below C (or pass an advanced standing examination, College Level Examination Program (CLEP) exam, or Oral Proficiency Interview developed by the American Council on the Teaching of Foreign Languages, equivalent to 3 hours of college credit.) Or, students may meet the requirement by transfer of documentation of meeting the foreign language competency from one of the teacher education programs in the State of Oklahoma approved by the Oklahoma State Regents for Higher Education.

### 4. Exclusions

- Courses used to satisfy the General Education English Composition, U.S. History, American Government, and Mathematics or Statistics requirements will not count toward the 54-hour maximum allowed from one department.
- Courses with ATHL or LEIS prefixes and leisure activity courses may not be used for degree credit.

## Additional State/OSU Requirements

- At least: 60 hours at a four-year institution; 30 hours completed at OSU; 15 of the final 30 or 50% of the upper-division hours in the major field completed at OSU.
- Limit of: one-half of major course requirements as transfer work; one-fourth of hours earned by correspondence; 8 transfer correspondence hours.
- Students will be held responsible for degree requirements in effect at the time of matriculation and any changes that are made, so long as these changes do not result in semester credit hours being added or do not delay graduation.
- Degrees that follow this plan must be completed by the end of Summer 2028.

## Example Plan of Study

### Finish in Four Plan of Study

The plan below is an **example** of how students can successfully complete degree requirements in four years. This suggested class schedule plan may be used as a guide and can be adjusted based on individual needs. Students are required to meet with an academic advisor prior to enrollment each semester to plan their class schedule, and students are ultimately responsible for completing all degree requirements.

Course	Title	Hours
<b>Freshman</b>		
<b>Fall</b>		
MATH 2144	Calculus I (A)	4
CHEM 1314	Chemistry I (LN)	4
General Education courses		3
<b>Hours</b>		<b>11</b>
<b>Spring</b>		
CHEM 1515	Chemistry II (LN)	5
MATH 2153	Calculus II (A)	3
BIOL 1113 & BIOL 1111 or BIOL 1114	Introductory Biology (N) or Introductory Biology (LN)	4
General Education courses		3
<b>Hours</b>		<b>15</b>

**Sophomore****Fall**

CHEM 3053	Organic Chemistry I	3
MATH 2163	Calculus III	3
PHYS 2014	University Physics I (LN)	4
General Education and College courses		6
<b>Hours</b>		<b>16</b>

**Spring**

CHEM 3153	Organic Chemistry II	3
CHEM 3112	Organic Chemistry Laboratory	2
MATH 2233	Differential Equations	3
PHYS 2114	University Physics II (LN)	4
General Education and College courses		3
<b>Hours</b>		<b>15</b>

**Junior****Fall**

CHEM 2113	Principles of Analytical Chemistry	3
CHEM 2122	Quantitative Analysis Laboratory	2
CHEM 3433	Physical Chemistry I	3
MATH 3013	Linear Algebra (A)	3
College and Elective courses		6
<b>Hours</b>		<b>17</b>

**Spring**

CHEM 3353	Descriptive Inorganic Chemistry	3
CHEM 3553	Physical Chemistry II	3
CHEM 3532	Physical Chemistry Laboratory	2
BIOC 3653	Survey of Biochemistry	3
College and Elective courses		5
<b>Hours</b>		<b>16</b>

**Senior****Fall**

CHEM 4322	Advanced Organic Chemistry Laboratory	2
CHEM 4333	Inorganic Chemistry I	3
CHEM 4990	Special Problems in Chemistry	1
Elective courses		9
<b>Hours</b>		<b>15</b>

**Spring**

CHEM 4023	Modern Methods of Chemical Analysis	3
CHEM 4022	Modern Methods of Chemical Analysis Laboratory	2
CHEM 4990	Special Problems in Chemistry	1
Elective courses		9
<b>Hours</b>		<b>15</b>

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**Total Hours** **120**

## Chemistry: Departmental Degree, BS

### Degree Requirements

**Requirements for Students Matriculating in or before Academic Year 2022-2023.** Learn more about University Academic Regulation 3.1 (p. 943).

**Minimum Overall Grade Point Average:** 2.00

**Total Hours:** 120

Code	Title	Hours
<b>General Education Requirements</b>		
<i>English Composition</i>		
See Academic Regulation 3.5 (p. 944)		
ENGL 1113	Composition I	3
or ENGL 1313	Critical Analysis and Writing I	
Select one of the following:		3
ENGL 1213	Composition II	
ENGL 1413	Critical Analysis and Writing II	
ENGL 3323	Technical Writing	
<i>American History &amp; Government</i>		
HIST 1103	Survey of American History	3
or HIST 1483	American History to 1865 (H)	
or HIST 1493	American History Since 1865 (DH)	
POLS 1113	American Government	3
<i>Analytical &amp; Quantitative Thought (A)</i>		
MATH 2144	Calculus I (A) <sup>1</sup>	4
<i>Humanities (H)</i>		
Courses designated (H)		6
<i>Natural Sciences (N)</i>		
Must include one Laboratory Science (L) course		
BIOL 1113	Introductory Biology (N)	4
& BIOL 1111	and Introductory Biology Laboratory (LN) <sup>1</sup>	
or BIOL 1114	Introductory Biology (LN)	
CHEM 1314	Chemistry I (LN) <sup>1</sup>	4
<i>Social &amp; Behavioral Sciences (S)</i>		
Course designated (S)		3
<i>Additional General Education</i>		
Courses designated (A), (H), (N), or (S)		7
<b>Hours Subtotal</b>		<b>40</b>
<b>Diversity (D) &amp; International Dimension (I)</b>		
May be completed in any part of the degree plan		
Select at least one Diversity (D) course		
Select at least one International Dimension (I) course		
<b>College/Departmental Requirements</b>		
<i>First Year Seminar</i>		
(Transfer students with 15 hours exempt)		1
<i>Arts &amp; Humanities</i>		
See note 2.a.		3
<i>Natural &amp; Mathematical Sciences</i>		
CHEM 1515	Chemistry II (LN)	5
PHYS 2014	University Physics I (LN)	4
<i>Foreign Language</i>		

See note 3

0-6 hours

*Upper-Division General Education*

Select 6 hours outside major department

See note 2.c.

**Hours Subtotal** **13**

**Major Requirements**

Minimum major GPA 2.00.

CHEM 2113	Principles of Analytical Chemistry	3
CHEM 2122	Quantitative Analysis Laboratory	2
CHEM 3053	Organic Chemistry I	3
CHEM 3112	Organic Chemistry Laboratory	2
CHEM 3153	Organic Chemistry II	3
CHEM 3353	Descriptive Inorganic Chemistry	3
CHEM 3433	Physical Chemistry I	3
CHEM 3553	Physical Chemistry II	3
CHEM 4023	Modern Methods of Chemical Analysis	3
CHEM 4333	Inorganic Chemistry I	3

Select one of the following:

CHEM 3532	Physical Chemistry Laboratory	2
CHEM 4022	Modern Methods of Chemical Analysis Laboratory	2
CHEM 4312	Inorganic Chemistry Laboratory	2
CHEM 4322	Advanced Organic Chemistry Laboratory	2

CHEM 4990	Special Problems in Chemistry	2
BIOC 3653	Survey of Biochemistry	3
MATH 2153	Calculus II (A)	3
MATH 2163	Calculus III	3
MATH 2233	Differential Equations	3
PHYS 2114	University Physics II (LN)	4

**Hours Subtotal** **48**

**Electives**

Select 19 hours **19**

May need to include 6 hours of a foreign language. See note 3.

May need to include 6 hours upper-division general education outside major department (see note 2.c.) and 12 additional upper-division hours

MATH 1513 and MATH 1813 required for students who do not place directly into MATH 2144.

**Hours Subtotal** **19**

**Total Hours** **120**

1

College and Departmental Requirements that may be used to meet General Education Requirements.

### Other Requirements

- See the College of Arts and Sciences Requirements.
- Minimum GPA 2.00 in all CHEM courses.
- **Upper-Division Credit:** Total hours must include at least 40 hours in courses numbered 3000 or above.
- **Hours in One Department:** For B.A. and B.S. degrees, no more than 54 hours in one department may be applied to degree requirements.

# College of Arts and Sciences Requirements

## 1. General Education Requirements

No more than two courses (or eight hours) from the major department (<http://catalog.okstate.edu/college-arts-sciences-major-departments/>) may be used to meet General Education and College and Departmental Requirements. The General Education required English Composition, required U.S. History, required American Government, one required MATH or STAT course, and required foreign language for B.A. degrees do not count against the two-course maximum.

## 2. A&S College/Departmental Requirements

- Arts and Humanities are defined as any course carrying an (H) designation or courses from AMST, ART, DANC, ENGL (except ENGL 3323 Technical Writing) HIST, MUSI, PHIL (except PHIL 1313 Logic and Critical Thinking (A), PHIL 3003 Symbolic Logic (A) and PHIL 4003 Mathematical Logic and Computability), REL, TH, and foreign languages.
- Natural and Mathematical Sciences are defined as any course from the following prefixes: ASTR, BIOC, BIOL, CHEM, CS (except CS 4883 Social Issues in Computing), GEOL, MATH, MICR, PBIO, PHYS, and STAT; or courses from other departments that carry an (A) or (N) general education designation.
- The required six hours of upper-division General Education may not include courses from the student's major department. This requirement may be satisfied by courses also used to satisfy any part of a student's degree program (i.e., in General Education, College Departmental Requirements, Major Requirements or Electives).
- Non-Western Studies Requirement for B.A. and B.F.A.; One 3-hour course in Non-Western Studies (N.W.). This requirement may be satisfied by courses also used to satisfy any part of a student's degree program (i.e., in General Education, College Departmental Requirements, Major Requirements or Electives).
- The College of Arts & Sciences requires a minimum 2.0 GPA in all major requirements and a minimum 2.0 GPA in all major-prefix courses applied to the degree.

## 3. Foreign Language Proficiency

- The foreign language requirement for the B.A. may be satisfied by 9 hours college credit in the same language, which must include 3 hours at the 2000-level, or equivalent proficiency (e.g., passing an advanced standing examination; TOEFL exam; presenting a high school transcript which demonstrates the high school was primarily conducted in a language other than English; etc.). Computer Science courses may not be used to satisfy this requirement. Currently Arabic and Mvskoke are not offered at the 2000-level at OSU.
- The foreign language requirement for the B.S., B.M. and B.F.A. may be satisfied by presenting a high school transcript which demonstrates two years of study of a single foreign language (passing grades at second-year level of study). It may also be satisfied by 6 hours college credit in the same language, which must include language courses 1713 and 1813, or equivalent proficiency (e.g., passing an advanced standing examination; TOEFL exam; presenting a high school transcript which demonstrates the high school was primarily conducted in a language other than English; etc.). Computer Science courses may not be used to satisfy this requirement.

- In addition to a. and b., students pursuing teacher certification must meet novice-high foreign language proficiency by presenting a high school transcript which demonstrates two years of study of a single foreign language with no grade below B. Or, students may complete 3 hours college credit in a single language with no grade below C (or pass an advanced standing examination, College Level Examination Program (CLEP) exam, or Oral Proficiency Interview developed by the American Council on the Teaching of Foreign Languages, equivalent to 3 hours of college credit.) Or, students may meet the requirement by transfer of documentation of meeting the foreign language competency from one of the teacher education programs in the State of Oklahoma approved by the Oklahoma State Regents for Higher Education.

## 4. Exclusions

- Courses used to satisfy the General Education English Composition, U.S. History, American Government, and Mathematics or Statistics requirements will not count toward the 54-hour maximum allowed from one department.
- Courses with ATHL or LEIS prefixes and leisure activity courses may not be used for degree credit.

## Additional State/OSU Requirements

- At least: 60 hours at a four-year institution; 30 hours completed at OSU; 15 of the final 30 or 50% of the upper-division hours in the major field completed at OSU.
- Limit of: one-half of major course requirements as transfer work; one-fourth of hours earned by correspondence; 8 transfer correspondence hours.
- Students will be held responsible for degree requirements in effect at the time of matriculation and any changes that are made, so long as these changes do not result in semester credit hours being added or do not delay graduation.
- Degrees that follow this plan must be completed by the end of Summer 2028.

## Example Plan of Study

### Finish in Four Plan of Study

The plan below is an example of how students can successfully complete degree requirements in four years. This suggested class schedule plan may be used as a guide and can be adjusted based on individual needs. Students are required to meet with an academic advisor prior to enrollment each semester to plan their class schedule, and students are ultimately responsible for completing all degree requirements.

Course	Title	Hours
<b>Freshman</b>		
<b>Fall</b>		
MATH 2144	Calculus I (A)	4
CHEM 1314	Chemistry I (LN)	4
General Education courses		6
<b>Hours</b>		<b>14</b>
<b>Spring</b>		
BIOL 1113 & BIOL 1111 or BIOL 1114	Introductory Biology (N) or Introductory Biology (LN)	4
CHEM 1515	Chemistry II (LN)	5
MATH 2153	Calculus II (A)	3
General Education courses		3
<b>Hours</b>		<b>15</b>

**Sophomore****Fall**

CHEM 3053	Organic Chemistry I	3
MATH 2163	Calculus III	3
PHYS 2014	University Physics I (LN)	4
General Education courses		4
<b>Hours</b>		<b>14</b>

**Spring**

CHEM 3153	Organic Chemistry II	3
CHEM 3112	Organic Chemistry Laboratory	2
MATH 2233	Differential Equations	3
PHYS 2114	University Physics II (LN)	4
General Education courses		3
<b>Hours</b>		<b>15</b>

**Junior****Fall**

CHEM 2113	Principles of Analytical Chemistry	3
CHEM 2122	Quantitative Analysis Laboratory	2
CHEM 3433	Physical Chemistry I	3
MATH 3013	Linear Algebra (A)	3
College and Elective courses		5
<b>Hours</b>		<b>16</b>

**Spring**

CHEM 3353	Descriptive Inorganic Chemistry	3
CHEM 3553	Physical Chemistry II	3
College and Elective courses		9
<b>Hours</b>		<b>15</b>

**Senior****Fall**

BIOC 3653	Survey of Biochemistry	3
CHEM 4333	Inorganic Chemistry I	3
College and Elective courses		9
<b>Hours</b>		<b>15</b>

**Spring**

CHEM 4023	Modern Methods of Chemical Analysis	3
CHEM 4022	Modern Methods of Chemical Analysis Laboratory	2
CHEM 4990	Special Problems in Chemistry	2
College and Elective courses		9
<b>Hours</b>		<b>16</b>
<b>Total Hours</b>		<b>120</b>

1

Speak with academic advisor about saving General Education electives and Humanities (H) for Upper-division courses with International (I) and Diversity (D) dimensions.

# Chemistry: Pre-Health/Pre-Law, BS

## Degree Requirements

**Requirements for Students Matriculating in or before Academic Year 2022-2023.** Learn more about University Academic Regulation 3.1 (p. 943).

**Minimum Overall Grade Point Average: 2.00**

**Total Hours: 120**

Code	Title	Hours
<b>General Education Requirements</b>		
<i>English Composition</i>		
See Academic Regulation 3.5 (p. 944)		
ENGL 1113	Composition I	3
or ENGL 1313	Critical Analysis and Writing I	
Select one of the following:		3
ENGL 1213	Composition II	
ENGL 1413	Critical Analysis and Writing II	
ENGL 3323	Technical Writing	
<i>American History &amp; Government</i>		
HIST 1103	Survey of American History	3
or HIST 1483	American History to 1865 (H)	
or HIST 1493	American History Since 1865 (DH)	
POLS 1113	American Government	3
<i>Analytical &amp; Quantitative Thought (A)</i>		
MATH 2144	Calculus I (A) <sup>1</sup>	4
<i>Humanities (H)</i>		
Courses designated (H)		6
<i>Natural Sciences (N)</i>		
Must include one Laboratory Science (L) course		
BIOL 1113	Introductory Biology (N)	4
& BIOL 1111	and Introductory Biology Laboratory (LN) <sup>1</sup>	
or BIOL 1114	Introductory Biology (LN)	
CHEM 1314	Chemistry I (LN) <sup>1</sup>	4
<i>Social &amp; Behavioral Sciences (S)</i>		
Course designated (S)		3
<i>Additional General Education</i>		
Courses designated (A), (H), (N), or (S)		7
<b>Hours Subtotal</b>		<b>40</b>
<b>Diversity (D) &amp; International Dimension (I)</b>		
May be completed in any part of the degree plan		
Select at least one Diversity (D) course		
Select at least one International Dimension (I) course		
<b>College/Departmental Requirements</b>		
<i>First Year Seminar</i>		
(Transfer students with 15 hours exempt)		1
<i>Arts &amp; Humanities</i>		
See note 2.a.		3
<i>Natural &amp; Mathematical Sciences</i>		
CHEM 1515	Chemistry II (LN)	5
PHYS 1114	College Physics I (LN)	4
or PHYS 2014	University Physics I (LN)	

### Foreign Language

See note 3	0
0-6 hours	

### Upper-Division General Education

Select 6 hours outside major department

See note 2.c.

**Hours Subtotal 13**

### Major Requirements

Minimum major GPA 2.00.

CHEM 2113	Principles of Analytical Chemistry	3
CHEM 2122	Quantitative Analysis Laboratory	2
CHEM 3053	Organic Chemistry I	3
CHEM 3112	Organic Chemistry Laboratory	2
CHEM 3153	Organic Chemistry II	3
CHEM 3353	Descriptive Inorganic Chemistry	3
CHEM 3413	Physical Chemistry Applications	3
Select one of the following:		3
CHEM 4023	Modern Methods of Chemical Analysis	
CHEM 4313	Medicinal Organic Chemistry	
CHEM 4333	Inorganic Chemistry I	
CHEM 4990	Special Problems in Chemistry (2 hours)	2
BIOC 3653	Survey of Biochemistry	3
PHYS 1214	College Physics II (LN)	4
or PHYS 2114	University Physics II (LN)	
STAT 2013	Elementary Statistics (A)	3
or STAT 4013	Statistical Methods I (A)	
Select 12 upper-division related hours of the following: <sup>2</sup>		12
Pre-Health: ANSI 3423 or BIOL 3023 and/or BIOL, CHEM, MICR		
Pre-Law: ENGL, LSB, POLS, SOC, and/or SPCH		

**Hours Subtotal 46**

### Electives <sup>2</sup>

Select 21 hours 21

May need to include 6 hours of a foreign language. See note 3.

May need to include 6 hours upper-division general education outside major department (see note 2.c.) and 6 additional upper-division hours.

MATH 1513 and MATH 1813 required for students who do not place directly into MATH 2144.

Additional requirements for professional school admission exist. View Admission Requirement Sheets at <http://prehealth.okstate.edu>.

### Important Gateway Courses

Pre-Health:	
BIOL 1604	Animal Biology
MICR 2123	Introduction to Microbiology
MICR 2132	Introduction to Microbiology Laboratory
Pre-Law:	
PHIL 1313	Logic and Critical Thinking (A)

**Hours Subtotal 21**

**Total Hours 120**



1

College and Departmental Requirements that may be used to meet General Education Requirements.

2

With approval from advisor and department head, a maximum of 30 hours from an accredited doctoral health or law program may be used among upper-division related hours and electives.

## Other Requirements

- See the College of Arts and Sciences Requirements.
- Minimum GPA 2.00 in all CHEM courses.
- **Upper-Division Credit:** Total hours must include at least 40 hours in courses numbered 3000 or above.
- **Hours in One Department:** For B.A. and B.S. degrees, no more than 54 hours in one department may be applied to degree requirements.

## College of Arts and Sciences Requirements

### 1. General Education Requirements

No more than two courses (or eight hours) from the major department (<http://catalog.okstate.edu/college-arts-sciences-major-departments/>) may be used to meet General Education and College and Departmental Requirements. The General Education required English Composition, required U.S. History, required American Government, one required MATH or STAT course, and required foreign language for B.A. degrees do not count against the two-course maximum.

### 2. A&S College/Departmental Requirements

- a. Arts and Humanities are defined as any course carrying an (H) designation or courses from AMST, ART, DANC, ENGL (except ENGL 3323 Technical Writing) HIST, MUSI, PHIL (except PHIL 1313 Logic and Critical Thinking (A), PHIL 3003 Symbolic Logic (A) and PHIL 4003 Mathematical Logic and Computability), REL, TH, and foreign languages.
- b. Natural and Mathematical Sciences are defined as any course from the following prefixes: ASTR, BIOC, BIOL, CHEM, CS (except CS 4883 Social Issues in Computing), GEOL, MATH, MICR, PBIO, PHYS, and STAT; or courses from other departments that carry an (A) or (N) general education designation.
- c. The required six hours of upper-division General Education may not include courses from the student's major department. This requirement may be satisfied by courses also used to satisfy any part of a student's degree program (i.e., in General Education, College Departmental Requirements, Major Requirements or Electives).
- d. Non-Western Studies Requirement for B.A. and B.F.A.; One 3-hour course in Non-Western Studies (N.W.). This requirement may be satisfied by courses also used to satisfy any part of a student's degree program (i.e., in General Education, College Departmental Requirements, Major Requirements or Electives).
- e. The College of Arts & Sciences requires a minimum 2.0 GPA in all major requirements and a minimum 2.0 GPA in all major-prefix courses applied to the degree.

### 3. Foreign Language Proficiency

- a. The foreign language requirement for the B.A. may be satisfied by 9 hours college credit in the same language, which must include 3 hours at the 2000-level, or equivalent proficiency (e.g., passing

an advanced standing examination; TOEFL exam; presenting a high school transcript which demonstrates the high school was primarily conducted in a language other than English; etc.). Computer Science courses may not be used to satisfy this requirement. Currently Arabic and Mvskoke are not offered at the 2000-level at OSU.

- b. The foreign language requirement for the B.S., B.M. and B.F.A. may be satisfied by presenting a high school transcript which demonstrates two years of study of a single foreign language (passing grades at second-year level of study). It may also be satisfied by 6 hours college credit in the same language, which must include language courses 1713 and 1813, or equivalent proficiency (e.g., passing an advanced standing examination; TOEFL exam; presenting a high school transcript which demonstrates the high school was primarily conducted in a language other than English; etc.). Computer Science courses may not be used to satisfy this requirement.
  - c. In addition to a. and b., students pursuing teacher certification must meet novice-high foreign language proficiency by presenting a high school transcript which demonstrates two years of study of a single foreign language with no grade below B. Or, students may complete 3 hours college credit in a single language with no grade below C (or pass an advanced standing examination, College Level Examination Program (CLEP) exam, or Oral Proficiency Interview developed by the American Council on the Teaching of Foreign Languages, equivalent to 3 hours of college credit.) Or, students may meet the requirement by transfer of documentation of meeting the foreign language competency from one of the teacher education programs in the State of Oklahoma approved by the Oklahoma State Regents for Higher Education.
- ### 4. Exclusions
- a. Courses used to satisfy the General Education English Composition, U.S. History, American Government, and Mathematics or Statistics requirements will not count toward the 54-hour maximum allowed from one department.
  - b. Courses with ATHL or LEIS prefixes and leisure activity courses may not be used for degree credit.

## Additional State/OSU Requirements

- At least: 60 hours at a four-year institution; 30 hours completed at OSU; 15 of the final 30 or 50% of the upper-division hours in the major field completed at OSU.
- Limit of: one-half of major course requirements as transfer work; one-fourth of hours earned by correspondence; 8 transfer correspondence hours.
- Students will be held responsible for degree requirements in effect at the time of matriculation and any changes that are made, so long as these changes do not result in semester credit hours being added or do not delay graduation.
- Degrees that follow this plan must be completed by the end of Summer 2028.

## Example Plan of Study

### Finish in Four Plan of Study

The plan below is an **example** of how students can successfully complete degree requirements in four years. This suggested class schedule plan may be used as a guide and can be adjusted based on individual needs. Students are required to meet with an academic advisor prior to

enrollment each semester to plan their class schedule, and students are ultimately responsible for completing all degree requirements.

Course	Title	Hours
<b>Freshman</b>		
<b>Fall</b>		
MATH 2144	Calculus I (A)	4
CHEM 1314	Chemistry I (LN)	4
General Education courses		7
<b>Hours</b>		<b>15</b>
<b>Spring</b>		
BIOL 1113 & BIOL 1111	Introductory Biology (N) and Introductory Biology Laboratory (LN)	4
CHEM 1515	Chemistry II (LN)	5
General Education courses		6
<b>Hours</b>		<b>15</b>
<b>Sophomore</b>		
<b>Fall</b>		
CHEM 3053	Organic Chemistry I	3
Major, College, and Elective courses		12
<b>Hours</b>		<b>15</b>
<b>Spring</b>		
CHEM 3153	Organic Chemistry II	3
CHEM 3112	Organic Chemistry Laboratory	2
PHYS 1114 or PHYS 2014	College Physics I (LN) or University Physics I (LN)	4
Major, College, and Elective courses		6
<b>Hours</b>		<b>15</b>
<b>Junior</b>		
<b>Fall</b>		
BIOC 3653	Survey of Biochemistry	3
CHEM 2113	Principles of Analytical Chemistry	3
CHEM 4990	Special Problems in Chemistry	1
PHYS 1214 or PHYS 2114	College Physics II (LN) or University Physics II (LN)	4
Major, College, and Elective courses		4
<b>Hours</b>		<b>15</b>
<b>Spring</b>		
CHEM 3353	Descriptive Inorganic Chemistry	3
CHEM 4990	Special Problems in Chemistry	1
Major, College, and Elective courses		11
<b>Hours</b>		<b>15</b>
<b>Senior</b>		
<b>Fall</b>		
STAT 4013 or STAT 2013	Statistical Methods I (A) or Elementary Statistics (A)	3
Major and Elective courses		12
<b>Hours</b>		<b>15</b>
<b>Spring</b>		
CHEM 3413	Physical Chemistry Applications	3
Major and Elective courses		12
<b>Hours</b>		<b>15</b>
<b>Total Hours</b>		<b>120</b>

# Chemistry: Secondary Teacher Certification, BS

## Degree Requirements

**Requirements for Students Matriculating in or before Academic Year 2022-2023.** Learn more about University Academic Regulation 3.1 (p. 943).

**Minimum Overall Grade Point Average: 2.50**

**Total Hours: 120**

Code	Title	Hours
<b>General Education Requirements</b>		
<i>English Composition</i>		
See Academic Regulation 3.5 (p. 944)		
ENGL 1113 or ENGL 1313	Composition I Critical Analysis and Writing I	3
Select one of the following:		3
ENGL 1213	Composition II	
ENGL 1413	Critical Analysis and Writing II	
ENGL 3323	Technical Writing	
<i>American History &amp; Government</i>		
HIST 1103 or HIST 1483 or HIST 1493	Survey of American History American History to 1865 (H) American History Since 1865 (DH)	3
POLS 1113	American Government	3
<i>Analytical &amp; Quantitative Thought (A)</i>		
MATH 2144	Calculus I (A) <sup>1,2</sup>	4
MATH 2153	Calculus II (A)	3
<i>Humanities (H)</i>		
PHIL 3933	Creation and Evolution <sup>1</sup>	3
Course designated (H)		3
<i>Natural Sciences (N)</i>		
Must include one Laboratory Science (L) course		
BIOL 1113 & BIOL 1111 or BIOL 1114	Introductory Biology (N) and Introductory Biology Laboratory (LN) <sup>1,2</sup> Introductory Biology (LN)	4
CHEM 1314	Chemistry I (LN) <sup>1,2</sup>	4
PHYS 2014 or PHYS 1114	University Physics I (LN) <sup>1,2</sup> College Physics I (LN)	4
<i>Social &amp; Behavioral Sciences (S)</i>		
Course designated (S)		3
<i>Additional General Education</i>		
<b>Hours Subtotal</b>		<b>40</b>
<b>Diversity (D) &amp; International Dimension (I)</b>		
May be completed in any part of the degree plan		
Select at least one Diversity (D) course (SPED 3202)		
Select at least one International Dimension (I) course		
<b>College/Departmental Requirements</b>		
<i>First Year Seminar</i>		
(Transfer students with 15 hours exempt)		1
<i>Arts &amp; Humanities</i>		

See note 2.a.		3
<i>Natural &amp; Mathematical Sciences</i>		
CHEM 1515	Chemistry II (LN) <sup>2</sup>	5
PHYS 2114 or PHYS 1214	University Physics II (LN) <sup>2</sup> College Physics II (LN)	4
<i>Foreign Language</i>		
See note 3		
0-6 hours		
<i>Upper-Division General Education</i>		
Select 6 hours outside major department		
See note 2.c.		
<b>Hours Subtotal</b>		<b>13</b>
<b>Major Requirements</b>		
<i>Chemistry Core</i>		
Minimum GPA 2.50 and minimum grade of "C" or "P" in Chemistry Core		
CHEM 2113	Principles of Analytical Chemistry	3
CHEM 2122	Quantitative Analysis Laboratory	2
CHEM 3053	Organic Chemistry I	3
CHEM 3112	Organic Chemistry Laboratory	2
CHEM 3153	Organic Chemistry II	3
CHEM 3353	Descriptive Inorganic Chemistry	3
CHEM 3413	Physical Chemistry Applications	3
CHEM 4990	Special Problems in Chemistry	2
BIOC 3653	Survey of Biochemistry	3
STAT 2013 or STAT 4013	Elementary Statistics (A) Statistical Methods I (A)	3
<i>Secondary Education Professional Core</i>		
Minimum GPA 2.50 and minimum grade of "C" or "P" in each course		
SMED 1012	Inquiry Approaches to Teaching	2
SMED 3013	Knowing and Learning in Mathematics and Science	3
SMED 4013	Classroom Interactions	3
SMED 4023	Problem-Based Learning in Mathematics and Science	3
SMED 4611	Authentic Research in the Science Classroom	1
SMED 4613	Teaching the Nature of Science Through an Inquiry Approach <sup>3</sup>	3
SMED 4713	Teaching and Learning Science in the Secondary School <sup>3</sup>	3
SMED 4723	Senior Seminar in Secondary Mathematics and Science Education <sup>3</sup>	3
SPED 3202	Educating Exceptional Learners (D)	2
CIED 4720	Internship in the Secondary Classroom (6 hours) <sup>3</sup>	6
<b>Hours Subtotal</b>		<b>56</b>
<b>Electives</b>		
Select 11 hours		11
May need to include 6 hours of a foreign language. See note 3		
MATH 1513 and MATH 1813 required for students who do not place directly into MATH 2144.		

<b>Hours Subtotal</b>	<b>11</b>
<b>Total Hours</b>	<b>120</b>

1

College and Departmental Requirements that may be used to meet General Education Requirements.

2

Minimum GPA 2.50 and minimum grade of "C" or "P"

3

Full admission to Professional Education required.

## Other Requirements

- See the College of Arts and Sciences Requirements.
- **Upper-Division Credit:** Total hours must include at least 40 hours in courses numbered 3000 or above.
- **Hours in One Department:** For B.A. and B.S. degrees, no more than 54 hours in one department may be applied to degree requirements.

## College of Arts and Sciences Requirements

### 1. General Education Requirements

No more than two courses (or eight hours) from the major department (<http://catalog.okstate.edu/college-arts-sciences-major-departments/>) may be used to meet General Education and College and Departmental Requirements. The General Education required English Composition, required U.S. History, required American Government, one required MATH or STAT course, and required foreign language for B.A. degrees do not count against the two-course maximum.

### 2. A&S College/Departmental Requirements

- Arts and Humanities are defined as any course carrying an (H) designation or courses from AMST, ART, DANC, ENGL (except ENGL 3323 Technical Writing) HIST, MUSI, PHIL (except PHIL 1313 Logic and Critical Thinking (A), PHIL 3003 Symbolic Logic (A) and PHIL 4003 Mathematical Logic and Computability), REL, TH, and foreign languages.
- Natural and Mathematical Sciences are defined as any course from the following prefixes: ASTR, BIOC, BIOL, CHEM, CS (except CS 4883 Social Issues in Computing), GEOL, MATH, MICR, PBIO, PHYS, and STAT; or courses from other departments that carry an (A) or (N) general education designation.
- The required six hours of upper-division General Education may not include courses from the student's major department. This requirement may be satisfied by courses also used to satisfy any part of a student's degree program (i.e., in General Education, College Departmental Requirements, Major Requirements or Electives).
- Non-Western Studies Requirement for B.A. and B.F.A.; One 3-hour course in Non-Western Studies (N.W.). This requirement may be satisfied by courses also used to satisfy any part of a student's degree program (i.e., in General Education, College Departmental Requirements, Major Requirements or Electives).
- The College of Arts & Sciences requires a minimum 2.0 GPA in all major requirements and a minimum 2.0 GPA in all major-prefix courses applied to the degree.

### 3. Foreign Language Proficiency

- The foreign language requirement for the B.A. may be satisfied by 9 hours college credit in the same language, which must include 3 hours at the 2000-level, or equivalent proficiency (e.g., passing an advanced standing examination; TOEFL exam; presenting a high school transcript which demonstrates the high school was primarily conducted in a language other than English; etc.). Computer Science courses may not be used to satisfy this requirement. Currently Arabic and Mvskoke are not offered at the 2000-level at OSU.
- The foreign language requirement for the B.S., B.M. and B.F.A. may be satisfied by presenting a high school transcript which demonstrates two years of study of a single foreign language (passing grades at second-year level of study). It may also be satisfied by 6 hours college credit in the same language, which must include language courses 1713 and 1813, or equivalent proficiency (e.g., passing an advanced standing examination; TOEFL exam; presenting a high school transcript which demonstrates the high school was primarily conducted in a language other than English; etc.). Computer Science courses may not be used to satisfy this requirement.
- In addition to a. and b., students pursuing teacher certification must meet novice-high foreign language proficiency by presenting a high school transcript which demonstrates two years of study of a single foreign language with no grade below B. Or, students may complete 3 hours college credit in a single language with no grade below C (or pass an advanced standing examination, College Level Examination Program (CLEP) exam, or Oral Proficiency Interview developed by the American Council on the Teaching of Foreign Languages, equivalent to 3 hours of college credit.) Or, students may meet the requirement by transfer of documentation of meeting the foreign language competency from one of the teacher education programs in the State of Oklahoma approved by the Oklahoma State Regents for Higher Education.

### 4. Exclusions

- Courses used to satisfy the General Education English Composition, U.S. History, American Government, and Mathematics or Statistics requirements will not count toward the 54-hour maximum allowed from one department.
- Courses with ATHL or LEIS prefixes and leisure activity courses may not be used for degree credit.

## Additional State/OSU Requirements

- At least: 60 hours at a four-year institution; 30 hours completed at OSU; 15 of the final 30 or 50% of the upper-division hours in the major field completed at OSU.
- Limit of: one-half of major course requirements as transfer work; one-fourth of hours earned by correspondence; 8 transfer correspondence hours.
- Students will be held responsible for degree requirements in effect at the time of matriculation and any changes that are made, so long as these changes do not result in semester credit hours being added or do not delay graduation.
- Degrees that follow this plan must be completed by the end of Summer 2028.

## Example Plan of Study

### Finish in Four Plan of Study

The plan below is an **example** of how students can successfully complete degree requirements in four years. This suggested class schedule plan may be used as a guide and can be adjusted based on individual needs. Students are required to meet with an academic advisor prior to enrollment each semester to plan their class schedule, and students are ultimately responsible for completing all degree requirements.

Course	Title	Hours
<b>Freshman</b>		
<b>Fall</b>		
MATH 2144	Calculus I (A)	4
CHEM 1314	Chemistry I (LN)	4
SMED 1012	Inquiry Approaches to Teaching	2
General Education courses		5
<b>Hours</b>		<b>15</b>
<b>Spring</b>		
BIOL 1113 & BIOL 1111	Introductory Biology (N) and Introductory Biology Laboratory (LN)	4
CHEM 1515	Chemistry II (LN)	5
MATH 2153	Calculus II (A)	3
General Education courses		4
<b>Hours</b>		<b>16</b>
<b>Sophomore</b>		
<b>Fall</b>		
CHEM 2113	Principles of Analytical Chemistry	3
CHEM 2122	Quantitative Analysis Laboratory	2
CHEM 3053	Organic Chemistry I	3
PHYS 1114 or PHYS 2014	College Physics I (LN) or University Physics I (LN)	4
Major, College, and Elective courses		4
<b>Hours</b>		<b>16</b>
<b>Spring</b>		
CHEM 3153	Organic Chemistry II	3
CHEM 3112	Organic Chemistry Laboratory	2
SMED 3013	Knowing and Learning in Mathematics and Science	3
General Education and College courses		8
<b>Hours</b>		<b>16</b>
<b>Junior</b>		
<b>Fall</b>		
PHYS 1214 or PHYS 2114	College Physics II (LN) or University Physics II (LN)	4
SPED 3202	Educating Exceptional Learners (D)	2
SMED 4013	Classroom Interactions	3
Major, College, and Elective courses		7
<b>Hours</b>		<b>16</b>
<b>Spring</b>		
CHEM 3353	Descriptive Inorganic Chemistry	3
CHEM 3413	Physical Chemistry Applications	3
CHEM 4990	Special Problems in Chemistry	1
SMED 4611	Authentic Research in the Science Classroom	1
SMED 4613	Teaching the Nature of Science Through an Inquiry Approach	3
Major, College, and Elective courses		5
<b>Hours</b>		<b>16</b>
<b>Senior</b>		
<b>Fall</b>		
BIOC 3653	Survey of Biochemistry	3
CHEM 4990	Special Problems in Chemistry	1
PHIL 3933	Creation and Evolution	3
SMED 4023	Problem-Based Learning in Mathematics and Science	3
SMED 4713	Teaching and Learning Science in the Secondary School	3

College and Elective courses		3
<b>Hours</b>		<b>16</b>
<b>Spring</b>		
CIED 4720	Internship in the Secondary Classroom	6
SMED 4723	Senior Seminar in Secondary Mathematics and Science Education	3
<b>Hours</b>		<b>9</b>
<b>Total Hours</b>		<b>120</b>

# Medicinal and Biophysical Chemistry, BS

## Degree Requirements

**Requirements for Students Matriculating in or before Academic Year 2022-2023.** Learn more about University Academic Regulation 3.1 (p. 943).

**Minimum Overall Grade Point Average: 2.00**

**Total Hours: 120**

Code	Title	Hours
<b>General Education Requirements</b>		
<i>English Composition</i>		
See Academic Regulation 3.5 (p. 944)		
ENGL 1113	Composition I	3
or ENGL 1313	Critical Analysis and Writing I	
ENGL 1213	Composition II	3
or ENGL 1413	Critical Analysis and Writing II	
or ENGL 3323	Technical Writing	
<i>American History &amp; Government</i>		
HIST 1103	Survey of American History	3
or HIST 1483	American History to 1865 (H)	
or HIST 1493	American History Since 1865 (DH)	
POLS 1113	American Government	3
<i>Analytical &amp; Quantitative Thought (A)</i>		
MATH 2144	Calculus I (A) <sup>1</sup>	4
<i>Humanities (H)</i>		
Courses designated (H)		6
<i>Natural Sciences (N)</i>		
Must include one Laboratory Science (L) course.		
BIOL 1113	Introductory Biology (N)	4
& BIOL 1111	and Introductory Biology Laboratory (LN) <sup>1</sup>	
or BIOL 1114	Introductory Biology (LN)	
CHEM 1314	Chemistry I (LN) <sup>1</sup>	4
<i>Social &amp; Behavioral Sciences (S)</i>		
Course designated (S)		3
<i>Additional General Education</i>		
Courses designated (A), (H), (N), or (S)		7
<b>Subtotal Hours</b>		<b>40</b>
<b>Diversity (D) &amp; International Dimension (I)</b>		
May be completed in any part of the degree plan.		
At least one Diversity (D) course		
At least one International Dimension (I) course		
<b>College/Departmental Requirements</b>		
<i>First Year Seminar</i>		
(Transfer students with 15 hours exempt)		1
<i>Arts &amp; Humanities</i>		
(See note 2.a.)		3
<i>Natural &amp; Mathematical Sciences</i>		
CHEM 1515	Chemistry II (LN)	5
PHYS 2014	University Physics I (LN)	4
or PHYS 1114	College Physics I (LN)	

<i>Foreign Languages</i>		
(See note 3.)		
0-6 hours		
<i>Upper-Division General Education</i>		
6 hours outside major department		
(See note 2.c.)		
<b>Subtotal Hours</b>		<b>13</b>
<b>Major Requirements</b>		
Minimum major GPA 2.00.		
CHEM 2113	Principles of Analytical Chemistry	3
CHEM 2122	Quantitative Analysis Laboratory	2
CHEM 3053	Organic Chemistry I	3
CHEM 3112	Organic Chemistry Laboratory	2
CHEM 3153	Organic Chemistry II	3
CHEM 3363	Bioinorganic Chemistry	3
or CHEM 3353	Descriptive Inorganic Chemistry	
CHEM 3413	Physical Chemistry Applications	3
or CHEM 3433	Physical Chemistry I	
or BIOC 3223	Physical Chemistry for Biologists	
CHEM 4023	Modern Methods of Chemical Analysis	3
CHEM 4022	Modern Methods of Chemical Analysis Laboratory	2
CHEM 4123	Biomolecular Chemistry and Function	3
CHEM 4313	Medicinal Organic Chemistry	3
CHEM 4990	Special Problems in Chemistry	2
BIOL 1604	Animal Biology	4
or PBIOL 1404	Plant Biology (LN)	
BIOL 3023	General Genetics	3
MATH 2153	Calculus II (A)	3
or STAT 2013	Elementary Statistics (A)	
or STAT 4013	Statistical Methods I (A)	
MICR 2123	Introduction to Microbiology	3
MICR 2132	Introduction to Microbiology Laboratory	2
MICR 3223	Advanced Microbiology	3
or BIOC 3653	Survey of Biochemistry	
PHYS 2114	University Physics II (LN)	4
or PHYS 1214	College Physics II (LN)	
<b>Subtotal Hours</b>		<b>54</b>
<b>Electives</b> <b>13</b>		
May need to include 6 hours of a foreign language (see note 3.).		
May need to include 6 hours upper-division general education major department (see note 2.c.) and 12 additional upper-division hours.		
MATH 1513 and MATH 1813 required for students who do not place directly into MATH 2144.		
<i>Suggested courses:</i>		
BIOL 3214	Human Anatomy	
BIOL 3204	Physiology	
MICR 3033	Cell and Molecular Biology	
MICR 3253	Immunology	
PSYC 1113	Introductory Psychology (S)	
or SOC 1113	Introductory Sociology (S)	



<b>Subtotal Hours</b>	<b>13</b>
<b>Total Hours</b>	<b>120</b>

1

College and Departmental Requirements that may be used to meet General Education Requirements.

## Other Requirements:

- See the College of Arts and Sciences Requirements.
- Minimum 2.00 GPA in all CHEM courses.
- **Upper-Division Credit:** Total hours must include at least 40 hours in courses numbered 3000 or above.
- **Hours in One Department:** For B.A. and B.S. degrees, no more than 54 hours in one department may be applied to degree requirements.

## College of Arts and Sciences Requirements

### 1. General Education Requirements

No more than two courses (or eight hours) from the major department (<http://catalog.okstate.edu/college-arts-sciences-major-departments/>) may be used to meet General Education and College and Departmental Requirements. The General Education required English Composition, required U.S. History, required American Government, one required MATH or STAT course, and required foreign language for B.A. degrees do not count against the two-course maximum.

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- Courses used to satisfy the General Education English Composition, U.S. History, American Government, and Mathematics or Statistics requirements will not count toward the 54-hour maximum allowed from one department.
  - Courses with ATHL or LEIS prefixes and leisure activity courses may not be used for degree credit.

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- Limit of: one-half of major course requirements as transfer work; one-fourth of hours earned by correspondence; 8 transfer correspondence hours.
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- Degrees that follow this plan must be completed by the end of Summer 2028.

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### Finish in Four Plan of Study

The plan below is an example of how students can successfully complete degree requirements in four years. This suggested class schedule plan may be used as a guide and can be adjusted based on individual needs. Students are required to meet with an academic advisor prior to

enrollment each semester to plan their class schedule, and students are ultimately responsible for completing all degree requirements.

Course	Title	Hours
<b>Freshman</b>		
<b>Fall</b>		
MATH 2144	Calculus I (A)	4
CHEM 1314	Chemistry I (LN)	4
General Education and College courses		7
<b>Hours</b>		<b>15</b>
<b>Spring</b>		
BIOL 1113 & BIOL 1111	Introductory Biology (N) and Introductory Biology Laboratory (LN)	4
CHEM 1515	Chemistry II (LN)	5
MATH 2153 or STAT 2013 or STAT 4013	Calculus II (A) or Elementary Statistics (A) or Statistical Methods I (A)	3
General Education courses		3
<b>Hours</b>		<b>15</b>
<b>Sophomore</b>		
<b>Fall</b>		
CHEM 3053	Organic Chemistry I	3
BIOL 1604 or PBIO 1404	Animal Biology or Plant Biology (LN)	4
MICR 2123	Introduction to Microbiology	3
MICR 2132	Introduction to Microbiology Laboratory	2
General Education courses		3
<b>Hours</b>		<b>15</b>
<b>Spring</b>		
CHEM 3153	Organic Chemistry II	3
CHEM 3112	Organic Chemistry Laboratory	2
PHYS 1114 or PHYS 2014	College Physics I (LN) or University Physics I (LN)	4
General Education and College courses		6
<b>Hours</b>		<b>15</b>
<b>Junior</b>		
<b>Fall</b>		
CHEM 2113	Principles of Analytical Chemistry	3
CHEM 2122	Quantitative Analysis Laboratory	2
BIOC 3653 or MICR 3223	Survey of Biochemistry or Advanced Microbiology	3
PHYS 1214 or PHYS 2114	College Physics II (LN) or University Physics II (LN)	4
College and Elective courses		3
<b>Hours</b>		<b>15</b>
<b>Spring</b>		
CHEM 3363 or CHEM 3353	Bioinorganic Chemistry (every other year) or Descriptive Inorganic Chemistry	3
CHEM 3413	Physical Chemistry Applications	3
BIOL 3023	General Genetics	3
College and Elective courses		6
<b>Hours</b>		<b>15</b>
<b>Senior</b>		
<b>Fall</b>		
CHEM 4313 or CHEM 4322	Medicinal Organic Chemistry (Every other Fall) or Advanced Organic Chemistry Laboratory	3
CHEM 4990	Special Problems in Chemistry	1
College and Elective courses		11
<b>Hours</b>		<b>15</b>
<b>Spring</b>		
CHEM 4022	Modern Methods of Chemical Analysis Laboratory	2
CHEM 4023	Modern Methods of Chemical Analysis	3
CHEM 4123	Biomolecular Chemistry and Function	3

CHEM 4990	Special Problems in Chemistry	1
College and Elective courses		6
<b>Hours</b>		<b>15</b>
<b>Total Hours</b>		<b>120</b>

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Speak with academic advisor about saving General Education electives and Humanities (H) for Upper-division courses with International (I) and Diversity (D) dimensions.

## Chemistry (CHEM), Minor

**Requirements for Students Matriculating in or before Academic Year 2022-2023.** Learn more about University Academic Regulation 3.1 (p. 943).

Sheri Orr, 404 NRC, 405-744-3729

**Minimum Grade Point Average in Minor Coursework:** 2.00

**Total Hours:** 18

Select 18 hours of chemistry courses at the 2000-level or above in at least three fields.

Courses can be selected from the following:

Code	Title	Hours
<b>Analytical Chemistry</b>		
CHEM 2113	Principles of Analytical Chemistry	
CHEM 2122	Quantitative Analysis Laboratory	
CHEM 4023	Modern Methods of Chemical Analysis	
CHEM 4022	Modern Methods of Chemical Analysis Laboratory	
<b>Organic Chemistry</b>		
CHEM 3012	Survey of Organic Chemistry Laboratory	
CHEM 3013	Survey of Organic Chemistry	
CHEM 3053	Organic Chemistry I	
CHEM 3112	Organic Chemistry Laboratory	
CHEM 3153	Organic Chemistry II	
CHEM 4123	Biomolecular Chemistry and Function	
CHEM 4313	Medicinal Organic Chemistry	
CHEM 4322	Advanced Organic Chemistry Laboratory	
<b>Inorganic Chemistry</b>		
CHEM 3353	Descriptive Inorganic Chemistry	
CHEM 3363	Bioinorganic Chemistry	
CHEM 4333	Inorganic Chemistry I	
<b>Physical Chemistry</b>		
CHEM 3413	Physical Chemistry Applications	
CHEM 3433	Physical Chemistry I	
CHEM 3532	Physical Chemistry Laboratory	
CHEM 3553	Physical Chemistry II	
CHEM 4123	Biomolecular Chemistry and Function	
<b>Biochemistry</b>		
Select up to 6 hours		
BIOC 3223	Physical Chemistry for Biologists	
BIOC 3653	Survey of Biochemistry	
BIOC 3713	Biochemistry I	
BIOC 3813	Biochemistry II	
CHEM 4123	Biomolecular Chemistry and Function	
<b>Special Topics</b>		
Select up to 4 hours		
CHEM 2890	Honors Experience in Chemistry	
CHEM 2980	Current Topics for Chemical Professionals	
CHEM 3890	Advanced Honors Experience in Chemistry	

## Additional OSU Requirements

### Undergraduate Minors

- An undergraduate minor must include between fifteen and thirty hours, inclusive of undergraduate coursework.
- A minimum of six credit hours for the minor must be earned in residence at OSU.
- The courses required for a minor may be included in the course requirements for any undergraduate degree or they may be in addition to degree requirements, depending on the overlap between the minor and degree requirements. However, an undergraduate minor must be earned in an academic field other than the student's declared degree option. The minor may not duplicate the degree major or option (for example, a student who earns a BA in Art with an Art History option may earn a minor in Studio Art but not Art History).
- A student generally follows the minor requirements associated with his or her matriculation year or newer requirements that have been established since matriculation. The time limit for following requirements from a given academic year is six years.

For additional information on requirements on minors, click here (<https://adminfinance.okstate.edu/site-files/documents/policies/requirements-for-undergraduate-and-graduate-minors.pdf>).

## Communication Sciences and Disorders

The Department of Communication Sciences and Disorders offers a Certificate program in Communication Sciences and Disorders, a minor in Communication Sciences and Disorders, a Bachelor of Science degree in Communication Sciences and Disorders, and a Master of Science degree in Speech-Language Pathology.

- The certificate is available to students that have completed a bachelor's degree in another area and are wanting to apply to a graduate program in speech-language pathology and audiology or begin the pathway to become a speech-language pathology assistant. Students can enroll in the certificate program while pursuing their undergraduate degree but they are expected to complete their degree prior to the completion of the certification program.
- The minor program is offered for students who are interested to know more about the professions of Speech-Language Pathology and Audiology. The minor is also intended to benefit students who are receiving training in early childhood education, special education, or trainee teachers to know more about speech and language development and disorders.
- The undergraduate program focuses on the scientific study of normal and disordered communication processes. Emphasis is placed on developing background knowledge in phonetics, speech and language development, hearing and its disorders, anatomy and physiology, speech science, and the neurogenic bases of communication. During the senior year, students are introduced to a variety of communication disorders providing a pre-professional background for students interested in pursuing a Master of Science degree. All students participate in 25 hours of applied clinical observation.
- The graduate (M.S.) program in Speech-Language Pathology is the entry-level degree in the profession. The primary goal of our graduate program is to train students to be excellent clinicians who are capable of assessing and treating a range of communication disorders.

## Courses

### CDIS 2033 Deaf Communication and Education (D)

**Description:** Issues in communication and education for children with hearing loss (communication options, schooling options, assistive technology, cochlear implants, language development, literacy, socializing) and introduction to Deaf culture and American Sign Language. Awareness of the breadth of challenges and options facing parents and educators of children with hearing loss. Previously offered as CDIS 4033, CDIS 4132, and SPTH 4132.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Communications Sci & D

**General Education and other Course Attributes:** Diversity

### CDIS 2223 Speech and Language Development

**Description:** Discussion of current theories and research on typical language development over the lifespan. Normal acquisition of language (e.g. phonology); speech and language milestones; biological, cognitive, and social bases; description of dialect variations, second language acquisition; atypical language development; and relationship between spoken and written language. Previously offered as CDIS 3223.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Communications Sci & D

### CDIS 2313 Introduction to Communication Disorders

**Description:** Introduction of communication impairments across the lifespan (speech, language and hearing disorders). Including their neuromuscular bases; assessment and treatment; and professions related to assessment and treatment. Open to all university students. Previously offered as CDIS 3213.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Communications Sci & D

### CDIS 2890 Honors Add-on

**Prerequisites:** Honors College participation and concurrent enrollment in a designated course.

**Description:** A supplemental introductory honors experience to partner concurrently with designated course(s). This course adds a different intellectual dimension to the designated course(s).

**Credit hours:** 1

**Contact hours:** Lecture: 1 Contact: 1

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Communications Sci & D

**General Education and other Course Attributes:** Honors Credit

### CDIS 3113 Communication Disorders in Children

**Prerequisites:** A grade of "C" or higher in CDIS 2313 and (CDIS 2223 or CDIS 3223).

**Description:** Assessment and treatment of childhood communication disorders including autism, cerebral palsy, articulation and phonological disorders (speech sounds and their normal acquisition, common phonological errors), language disorders, fluency disorders, nonverbal and minimally verbal children, children using AAC, voice disorders and communication disorders in school-age children. Same course as CDIS 4113.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Communications Sci & D

**CDIS 3123 Audiology Diagnosis**

**Prerequisites:** CDIS 3203 with a grade of "C" or higher.

**Description:** Introduction to the profession of audiology, anatomy and physiology of the auditory system, types of hearing loss, hearing disorders, and clinical tests used in the diagnosis of children and adults with hearing loss. Previously offered as SPTH 3123.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Communications Sci & D

**CDIS 3203 Anatomy and Physiology of the Speech Mechanism**

**Prerequisites:** A grade of "C" or higher in BIOL 1114 or (BIOL 1113 and BIOL 1111).

**Description:** Structure and function of the respiratory, phonatory, articulatory, and neural systems involved in the oral communication processes. Previously offered as CDIS 4213.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Communications Sci & D

**CDIS 3313 Phonetics**

**Description:** The analysis and description of speech at the segmental and suprasegmental levels. Development of students' perceptual and analytical skills in speech sound production. Practice using the International Phonetic Alphabet for broad and narrow transcription. Overview of the speech production mechanism and process. Previously offered as CDIS 2213 and SPTH 2213.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Communications Sci & D

**CDIS 3413 Introduction to Research**

**Prerequisites:** A grade of "C" or higher in STAT 2013, STAT 2053 or STAT 4053.

**Description:** Introduction to research process and evidence based practice in communication disorders, including how to locate and evaluate research articles, how to find possible research topics, issues related to conduction of experiment, and how to determine treatment effectiveness.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Communications Sci & D

**CDIS 4010 Clinic Practicum**

**Prerequisites:** Consent of instructor.

**Description:** Supervised clinical practicum in speech-language pathology and audiology. Offered for variable credit, 1-3 credit hours, maximum of 3 credit hours.

**Credit hours:** 1-3

**Contact hours:** Contact: 1-3 Other: 1-3

**Levels:** Undergraduate

**Schedule types:** Independent Study

**Department/School:** Communications Sci & D

**CDIS 4013 Diagnostics**

**Prerequisites:** A grade of "C" or higher in CDIS 3213 and CDIS 3223.

**Description:** This course addresses principles and methods of assessment and diagnostics for people with communication disorders. The course includes test construction and design, reliability, validity, and other issues related to criterion and norm-referenced testing. Issues regarding diagnostic criteria and classification systems of communication disorders are also addressed.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Communications Sci & D

**CDIS 4023 Clinical Methods and Issues**

**Prerequisites:** A grade of "C" or higher in CDIS 2213, CDIS 2223 and CDIS 3313.

**Description:** Fundamental process and procedures of clinical practicum, report writing, goal selection; production, assessment and recording of speech and language behaviors; development of interpersonal skills with clients, families, and other professionals; problem solving skills; professional organization and credentialing requirements and includes clinical observation. Previously offered as CDIS 4022.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Communications Sci & D

**CDIS 4133 Audiology Treatment**

**Prerequisites:** A grade of "C" or higher in CDIS 3123.

**Description:** Review of hearing aids, implantable hearing devices, medical management of hearing loss, aural rehabilitation, and other clinical treatments for children and adults with hearing loss. Previously offered as SPTH 4133.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Communications Sci & D

**CDIS 4313 Speech Science**

**Prerequisites:** A grade of "C" or higher in CDIS 3313, CDIS 3203 and any PHYS course.

**Description:** Scientific bases of the acoustic parameters, the perceptual and productive processes of speech, and the interrelationships of those factors during speech communication. Previously offered as SPTH 4313. May not be used for degree credit with CDIS 5313.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Communications Sci & D



**CDIS 4423 Neural Bases of Speech and Language****Prerequisites:** A grade of "C" or higher in CDIS 3203.**Description:** Neuroanatomy and neuro-physiological processes related to speech and language. Including basic anatomy of the central and peripheral nervous systems and the physiological processes involved in neuromotor control and neuronal function related specifically to speech and language. Previously offered as CDIS 4412.**Credit hours:** 3**Contact hours:** Lecture: 3 Contact: 3**Levels:** Undergraduate**Schedule types:** Lecture**Department/School:** Communications Sci & D**CDIS 4433 Communication Disorders in Adults****Prerequisites:** A grade of "C" or higher in CDIS 3203 and CDIS 4423.**Description:** A review of language disorders and changes occurring with both normal aging and common neurological diseases and traumas, with focus on cerebral vascular accidents. Neurophysiological bases and etiology are presented as well as evaluation and treatment of aphasia and right hemisphere disorders, dementia and traumatic brain injury.**Credit hours:** 3**Contact hours:** Lecture: 3 Contact: 3**Levels:** Undergraduate**Schedule types:** Lecture**Department/School:** Communications Sci & D**CDIS 4900 Undergraduate Research****Prerequisites:** Consent of instructor.**Description:** Research in speech, language, and hearing sciences and disorders. Offered for variable credit, 1-3 credit hours, maximum of 9 credit hours.**Credit hours:** 1-3**Contact hours:** Contact: 1-3 Other: 1-3**Levels:** Undergraduate**Schedule types:** Independent Study**Department/School:** Communications Sci & D**CDIS 4980 Independent Study in CDIS****Prerequisites:** Junior standing and consent of instructor.**Description:** Directed readings or research in communication sciences and disorders. Offered for variable credit, 1-3 credit hours, maximum of 9 credit hours.**Credit hours:** 1-3**Contact hours:** Contact: 1-3 Other: 1-3**Levels:** Undergraduate**Schedule types:** Independent Study**Department/School:** Communications Sci & D**CDIS 4993 Senior Honors Thesis****Prerequisites:** Departmental invitation, senior standing, Honors Program participation.**Description:** A guided reading and research program ending with an honors thesis under the direction of a faculty member. Required for graduation with departmental honors in communication sciences and disorders.**Credit hours:** 3**Contact hours:** Contact: 3 Other: 3**Levels:** Undergraduate**Schedule types:** Independent Study**Department/School:** Communications Sci & D**General Education and other Course Attributes:** Honors Credit**CDIS 5000 Masters Research & Thesis****Prerequisites:** Consent of graduate faculty.**Description:** Research in speech, language and hearing sciences and disorders. Offered for variable credit, 1-6 credit hours, maximum of 6 credit hours.**Credit hours:** 1-6**Contact hours:** Contact: 1-6 Other: 1-6**Levels:** Graduate**Schedule types:** Independent Study**Department/School:** Communications Sci & D**CDIS 5013 Evidence-Based Practice****Prerequisites:** Graduate standing in the Department of Communication Sciences and Disorders or consent of instructor.**Description:** Principles and procedures of evidence-based practice in communication sciences and disorders; experience funding and evaluating systematic research.**Credit hours:** 3**Contact hours:** Lecture: 3 Contact: 3**Levels:** Graduate**Schedule types:** Lecture**Department/School:** Communications Sci & D**CDIS 5113 Advanced Language Disorders in Children****Prerequisites:** Graduate standing in the Department of Communication Sciences and Disorders, or consent of instructor.**Description:** Principles of language assessment and intervention based on linguistic, cognitive, and social learning theories. Critical analysis of current research. Design of assessment and intervention programs.**Credit hours:** 3**Contact hours:** Lecture: 3 Contact: 3**Levels:** Graduate**Schedule types:** Lecture**Department/School:** Communications Sci & D**CDIS 5143 Phonological Disorders****Prerequisites:** Graduate standing in the Department of Communication Sciences and Disorders, or consent of instructor.**Description:** Current issues in linguistic theories related to the assessment and treatment of phonological disorders in children. Critical analysis of current research.**Credit hours:** 3**Contact hours:** Lecture: 3 Contact: 3**Levels:** Graduate**Schedule types:** Lecture**Department/School:** Communications Sci & D**CDIS 5153 Neurological Communication Disorders****Prerequisites:** Graduate standing in the Department of Communication Sciences and Disorders, or consent of instructor.**Description:** Communication changes occurring with aging and common neurological diseases and trauma. Neurophysiological bases and etiology. Evaluation and treatment of aphasia and right hemisphere disorders. Previously offered as CDIS 5152.**Credit hours:** 3**Contact hours:** Lecture: 3 Contact: 3**Levels:** Graduate**Schedule types:** Lecture**Department/School:** Communications Sci & D



**CDIS 5163 Dysphagia**

**Prerequisites:** Graduate standing in the Department of Communication Sciences and Disorders, or consent of instructor.

**Description:** Anatomy and neurophysiology of the swallowing mechanism in relation to pediatric and adult dysphagia. Evaluation, diagnosis and treatment of swallowing problems in children and adults including videofluoroscopic training with case studies. The first two-thirds of the course focus on adult dysphagia and the latter one third on pediatric dysphagia. Previously offered as CDIS 5160.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Graduate

**Schedule types:** Lecture

**Department/School:** Communications Sci & D

**CDIS 5183 Traumatic Brain Injury and Dementia**

**Prerequisites:** Graduate standing in the Department of Communication Sciences and Disorders, or consent of instructor.

**Description:** Nature, evaluation and treatment of acquired cognitive communication disorders secondary to traumatic injury or dementia.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Graduate

**Schedule types:** Lecture

**Department/School:** Communications Sci & D

**CDIS 5193 Motor Speech Disorders**

**Prerequisites:** Graduate standing in the Department of Communication Sciences and Disorders, or consent of instructor.

**Description:** Nature, evaluation and treatment of neurologically-based motor speech disorders such as dysarthria and apraxia. Previously offered as CDIS 5172.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Graduate

**Schedule types:** Lecture

**Department/School:** Communications Sci & D

**CDIS 5210 Advanced Practicum**

**Prerequisites:** Graduate standing in the Department of Communication Sciences and Disorders, and consent of instructor.

**Description:** Practical experience for the advanced student on or off campus. Offered for variable credit, 1-6 credit hours, maximum of 15 credit hours.

**Credit hours:** 1-6

**Contact hours:** Contact: 1-6 Other: 1-6

**Levels:** Graduate

**Schedule types:** Independent Study

**Department/School:** Communications Sci & D

**Additional Fees:** CDIS Clinical Materials fee of \$75, Spath Insurance fee of \$15, and Spath Material Test fee of \$20 apply.

**CDIS 5243 Language and Literacy Disorders in School-Age and Adolescence**

**Prerequisites:** A grade of "B" or higher in CDIS 5113 and graduate standing in the Department of Communication Sciences and Disorders, or consent of instructor.

**Description:** Language and literacy disorders in school-age children and adolescents. The course emphasizes how language impairments often underlie literacy delays. Assessment and intervention of complex language and delayed literacy. Previously offered as CDIS 5242.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Graduate

**Schedule types:** Lecture

**Department/School:** Communications Sci & D

**CDIS 5313 Speech Science**

**Description:** Scientific bases of the acoustic parameters, the perceptual and productive processes of speech, and the interrelationships of those factors during speech communication. Previously offered as SPTH 4313. May not be used for degree credit with CDIS 4313.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Graduate

**Schedule types:** Lecture

**Department/School:** Communications Sci & D

**CDIS 5330 Voice and Resonance Disorders**

**Credit hours:** 1-4

**Contact hours:** Lecture: 1-4 Contact: 1-4

**Levels:** Graduate

**Schedule types:** Lecture

**Department/School:** Communications Sci & D

**CDIS 5340 Counseling for Speech-Language Pathologists**

**Description:** This course is designed specifically for speech-language pathologists and presents the concepts of counseling as they relate to the assessment and treatment of individuals with communicative disorders, their families, and others in their environment. The goal is to make the connection between the theories of communication disorders and their application for individuals with communication disorders. Topics include the importance of a client-clinician relationship, efficacy beyond traditional measures, practice-based evidence, making change, diversity, and ethics. Offered for variable credit, 1-4 credit hours, maximum of 4 credit hours.

**Credit hours:** 1-4

**Contact hours:** Lecture: 1-4 Contact: 1-4

**Levels:** Graduate

**Schedule types:** Lecture

**Department/School:** Communications Sci & D

**CDIS 5420 Augmentative/Alternative Communication**

**Prerequisites:** Graduate standing in the Department of Communication Sciences and Disorders, or consent of instructor.

**Description:** Evaluation and management of communication disorders in individuals requiring specially adapted educational intervention programs. Adaptive communication technologies. Previously offered as CDIS 5423.

**Credit hours:** 1-3

**Contact hours:** Lecture: 1-3 Contact: 1-3

**Levels:** Graduate

**Schedule types:** Lecture

**Department/School:** Communications Sci & D

**CDIS 5433 Cleft Palate**

**Prerequisites:** Graduate standing in the Department of Communication Sciences and Disorders, or consent of instructor.

**Description:** Recent research in the etiology, assessment and management of communicative disorders in individuals with cleft palate.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Graduate

**Schedule types:** Lecture

**Department/School:** Communications Sci & D

**CDIS 5533 Autism Spectrum Disorder: Assessment & Intervention of Communication Deficits**

**Prerequisites:** Graduate standing or permission of instructor.

**Description:** Assessment and treatment of communication deficits associated with autism spectrum disorder. Etiologies and recent trends in autism spectrum disorder will also be discussed.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Graduate

**Schedule types:** Lecture

**Department/School:** Communications Sci & D

**CDIS 5710 Special Topics in Communication Disorders**

**Prerequisites:** Consent of instructor.

**Description:** Individual and group investigations of problems in communication sciences and disorders. Offered for variable credit, 1-4 credit hours, maximum of 9 credit hours.

**Credit hours:** 1-4

**Contact hours:** Contact: 1-4 Other: 1-4

**Levels:** Graduate

**Schedule types:** Independent Study

**Department/School:** Communications Sci & D

**CDIS 5713 Fluency Disorders**

**Prerequisites:** Graduate standing in the Department of Communication Sciences and Disorders, or consent of instructor.

**Description:** Current research regarding the nature of etiologies, evaluation and treatment of dysfluent speech in both children and adults. Previously offered as CDIS 4443 and SPTH 4443.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Graduate

**Schedule types:** Lecture

**Department/School:** Communications Sci & D

**CDIS 5720 Seminar in Communication Disorders**

**Prerequisites:** Consent of instructor.

**Description:** Topics relevant to the evaluation and treatment of communication disorders presented on a rotating basis. Offered for variable credit, 1-3 credit hours, maximum of 3 credit hours.

**Credit hours:** 1-3

**Contact hours:** Contact: 1-3 Other: 1-3

**Levels:** Graduate

**Schedule types:** Independent Study

**Department/School:** Communications Sci & D

**CDIS 5730 Independent Study in Communication Sciences and Disorders**

**Prerequisites:** Graduate standing and consent of instructor.

**Description:** Directed readings or research in communication sciences and disorders. Offered for variable credit, 1-3 credit hours, maximum of 3 credit hours.

**Credit hours:** 1-3

**Contact hours:** Contact: 1-3 Other: 1-3

**Levels:** Graduate

**Schedule types:** Independent Study

**Department/School:** Communications Sci & D

**CDIS 5732 Professional Issues**

**Credit hours:** 2

**Contact hours:** Lecture: 2 Contact: 2

**Levels:** Graduate

**Schedule types:** Lecture

**Department/School:** Communications Sci & D

**CDIS 5760 Portfolio**

**Prerequisites:** Graduate standing.

**Description:** Nature and preparation of professional portfolio with faculty guidance. Offered for variable credit, 1-2 credit hours, maximum of 2 credit hours.

**Credit hours:** 1-2

**Contact hours:** Contact: 1-2 Other: 1-2

**Levels:** Graduate

**Schedule types:** Independent Study

**Department/School:** Communications Sci & D

## Undergraduate Programs

- Communication Sciences and Disorders, BS (p. 1077)

## Graduate Programs

The Master of Science degree program is designed to provide students with intensive coursework in the various communication disorders and with a wide variety of challenging clinical rotations both on and off campus. Research opportunities are available under the direction of the graduate faculty. Graduates are prepared to take positions in hospitals, community speech and hearing centers, private practices, schools and other related settings, and to pursue additional graduate education at the doctoral level. All graduates meet the academic and clinical requirements for the Certificate of Clinical Competence in Speech-Language Pathology from the American Speech-Language-Hearing Association, and the Oklahoma license in Speech-Language Pathology. Additionally, many students elect to earn the state teaching certificate required to practice speech-language pathology in the Oklahoma school system. The program holds national accreditation from the Council on Academic Accreditation of the American Speech-Language-Hearing Association.

## Prerequisites

Admission to the graduate program requires a bachelor's degree in Communication Sciences and Disorders, or an out-of-field bachelor's degree plus 24 hours of prerequisite coursework.

## Admission Requirements

Applicants for admission are recommended to have a minimum grade-point average of 3.40 in the major, strong letters of recommendation from those familiar with the student's previous academic background, a minimum combined verbal and quantitative GRE score of 296, a minimum verbal GRE score of 153, and a minimum analytical writing score of 3.5. Students not meeting the above requirements may be admitted on a

provisional basis. Admission is competitive, and all application materials must be received by January 15 of each calendar year for summer or fall admission. Completed applications must include: an online application, GRE scores, three letters of recommendation, transcripts from all undergraduate institutions, and a personal statement indicating why the applicant desires to be a speech-language pathologist. In addition, all applicants must have completed an acoustics course and a neural anatomy and physiology course having earned a grade of “B” or better. Additional national certification requirements must be completed before enrollment in graduate coursework. Those requirements include the following: physics, biology, psychology and statistics.

International students follow the same application procedure as U.S. students with one addition. If English is not the student’s native language he or she is required to score a minimum of 79 (internet-based) or 550 (paper-based) on the Test of English as a Foreign Language (TOEFL) and a minimum of 26 (internet-based) on the speaking portion of the TOEFL (IBT). It is especially important that students have readily intelligible spoken English, as they will be conducting therapy sessions in English. Additional Graduate College Requirements: Students who score a minimum of 42 on the combined Reading and Listening portions of the TOEFL (internet based) with a minimum score of 20 in each section are not required to enroll in remedial coursework. Remedial coursework includes enrollment in ENGL 0003 Academic English for Graduate Students during the first semester. The course carries a grade of S/U and may not be used toward minimum degree requirements. Students must enroll in ENGL 0003 Academic English for Graduate Students each semester until a grade of S is earned. Students who score less than 22 on the TOEFL Writing portion must enroll in ENGL 4893 during their first semester. ENGL 4893 carries graduate credit and may be used toward minimum degree requirements. A minimum grade of C is required. Both ENGL 0003 Academic English for Graduate Students and ENGL 4893, as applicable, must be listed on the student’s Plan of Study.

Alternatively, an official IELTS, academic stream, examination with a minimum overall band score of 6.5 is required for admission to the graduate program. However, a minimum IELTS speaking score of 8.5 is required for clinical assignments. Either examination must have been taken within the last two years. Students who have completed the IELTS- or the paper-based TOEFL have different requirements as stated by the OSU Graduate College. To ensure that graduate students are sufficiently skilled at written English, the Test of English Language Proficiency (TELP) is required for all graduate students who took the IELTS or paper-based (PBT) TOEFL test. The TELP must be taken before the student’s first semester enrollment. The International Student Services Office is available on campus to assist international students.

## Financial Aid

All admitted students will be considered for graduate teaching assistantships and fee waiver scholarships. Graduate teaching assistants qualify for tuition waiver.

## Program Requirements

Requirements for the master of science degree include 36 credit hours of academic courses and 15 credit hours of clinical practicum. The program typically can be completed in two academic years including one summer semester.

## Examinations

Students enrolled in a thesis option complete a master’s thesis under the direction of a member of the graduate faculty. Students enrolled in a non-thesis option complete a comprehensive examination.

## Certificates

- Communication Sciences and Disorders (CSDC), Undergraduate Certificate (p. 1081)

## Minors

The Minor program in Communication Sciences and Disorders is offered for students who are interested to know more about the professions of Speech-Language Pathology and Audiology. The minor is also intended to benefit students who are receiving training in early childhood education, special education, or trainee teachers to know more about speech and language development and disorders. This will help them to identify kids with speech and language deficits in their classes and make appropriate referrals to speech-language pathologists and audiologists.

### Curriculum:

- CDIS 2033- Deaf Communication & Education
- CDIS 2313 – Introduction to Communication Disorders
- CDIS 2223 – Speech and Language Development
- CDIS 3113 – Communication Disorders in Children\*
- CDIS 3123 – Audiology Diagnosis

**\*CDIS 2313 and CDIS 2223 are pre-requisites for CDIS 3113**

**Minimum grade and/or GPA for minor courses:** 2.75 GPA and a grade of “C” or higher

- Communication Sciences and Disorders (CDIS), Minor (p. 1080)

## Faculty

Ramesh Kaipa, Ph.D.—Associate Professor and Department Head

**Professor:** John Tetnowski, Ph.D., CCC-SLP

**Associate Professor:** Cheryl Giddens, Ph.D. (emeritus); Sabiha Parveen, Ph.D., CCC-SLP; Peter Richtsmeier, Ph.D., CCC-SLP

**Assistant Professors:** Valerie Freeman, Ph.D.; Yu Zhang, Ph.D.; Roha Kaipa, Ph.D.

**Clinical Faculty:** Lisa Ashley, M.Ed., CCC-SLP; Kristi Carpenter, M.S., CCC-SLP; Trevor Courouleau, Au.D., CCC-A; Sherri Norton, M.A., CCC-SLP; Nancy Wright, M.A., CCC-SLP; Tricia Graham, M.S., CCC-SLP

# Communication Sciences and Disorders, BS

## Degree Requirements

**Requirements for Students Matriculating in or before Academic Year 2022-2023.** Learn more about University Academic Regulation 3.1 (p. 943).

**Minimum Overall Grade Point Average: 2.00**

**Total Hours: 120**

Code	Title	Hours
<b>General Education Requirements</b>		
<i>English Composition</i>		
See Academic Regulation 3.5 (p. 944)		
ENGL 1113	Composition I	3
or ENGL 1313	Critical Analysis and Writing I	
Select one of the following:		3
ENGL 1213	Composition II	
ENGL 1413	Critical Analysis and Writing II	
ENGL 3323	Technical Writing	
<i>American History &amp; Government</i>		
HIST 1103	Survey of American History	3
or HIST 1483	American History to 1865 (H)	
or HIST 1493	American History Since 1865 (DH)	
POLS 1113	American Government	3
<i>Analytical &amp; Quantitative Thought (A)</i>		
Select one of the following:		3
STAT 2013	Elementary Statistics (A)	
STAT 2053	Elementary Statistics for the Social Sciences (A)	
STAT 4053	Statistical Methods I for the Social Sciences (A)	
<i>Humanities (H)</i>		
Courses designated (H)		6
<i>Natural Sciences (N)</i>		
Must include one Laboratory Science (L) course		
BIOL 1113	Introductory Biology (N)	4
& BIOL 1111	and Introductory Biology Laboratory (LN)	
or BIOL 1114	Introductory Biology (LN)	
Select one of the following:		4
PHYS 1014	Descriptive Physics (N)	
PHYS 1114	College Physics I (LN)	
PHYS 2014	University Physics I (LN)	
<i>Social &amp; Behavioral Sciences (S)</i>		
PSYC 1113	Introductory Psychology (S)	3
<i>Additional General Education</i>		
Courses designated (A), (H), (N), or (S)		9
<b>Hours Subtotal</b>		<b>41</b>

### Diversity (D) & International Dimension (I)

May be completed in any part of the degree plan

Select at least one Diversity (D) course

Select at least one International Dimension (I) course

### College/Departmental Requirements

<i>First Year Seminar</i>		
(Transfer students with 15 hours exempt)		1
<i>Arts &amp; Humanities</i>		
Select one of the following:		3
ENGL 4013	English Grammar	
ENGL 4033	Discourse Analysis	
ENGL 4063	Introduction to Descriptive Linguistics	
or other Arts & Humanities course, see note 2.a.		
<i>Natural &amp; Mathematical Sciences</i>		
Select 9 hours of the following:		9
PSYC 3073	Neurobiological Psychology (N)	
BIOL 3123	Human Heredity (N)	
or BIOL 3204	Physiology	
Other natural or mathematical sciences courses		
See note 2.b.		
<i>Foreign Language</i>		
See note 3		
0-6 hours		
<i>Upper-Division General Education</i>		
Select 6 hours outside major department		
See note 2.c.		
<b>Hours Subtotal</b>		<b>13</b>
<b>Major Requirements</b>		
Minimum GPA 2.75. Minimum grade of "C" in all CDIS courses		
CDIS 2223	Speech and Language Development	3
CDIS 2313	Introduction to Communication Disorders	3
CDIS 3113	Communication Disorders in Children	3
CDIS 3123	Audiology Diagnosis	3
CDIS 3203	Anatomy and Physiology of the Speech Mechanism	3
CDIS 3313	Phonetics	3
CDIS 3413	Introduction to Research	3
CDIS 4013	Diagnostics	3
CDIS 4023	Clinical Methods and Issues	3
CDIS 4133	Audiology Treatment	3
CDIS 4313	Speech Science	3
CDIS 4423	Neural Bases of Speech and Language	3
CDIS 4433	Communication Disorders in Adults	3
EPSY 3413	Child and Adolescent Development	3
Select 3 hours of the following related courses:		3
HDFS 2233	Development of Creative Expression, Play and Motor Skills in Early Childhood	
HDFS 3123	Parenting (S)	
HDFS 3203	Children's Play: A World Perspective (I)	
HDFS 4413	Successful Aging (S)	
HDFS 4543	Intergenerational Relationships (S)	
PSYC 2583	Developmental Psychology (S)	
PSYC 3443	Abnormal Psychology (S)	
PSYC 3713	Psychology of Memory	
PSYC 3823	Cognitive Psychology	
PSYC 4343	Language Development (S)	

PSYC 4483	Psychology of Parent Behavior (S)	
SOC 3993	Sociology of Aging (DS)	
Select 3 hours of the following multicultural courses:		3
CDIS 2033	Deaf Communication and Education (D)	
ANTH 3353	Cultural Anthropology (IS)	
CPSY 4443	Cultural Diversity in Professional Life (D)	
ENGL 4093	Language in America (DS)	
HDFS 4793	The Family: A World Perspective (IS)	
SOC 3523	Juvenile Delinquency (DS)	
SPCH 4753	Intercultural Communication (I)	
ENGL 4043	Teaching English to Speakers of Other Languages	
<b>Hours Subtotal</b>		<b>48</b>
<b>Electives</b>		
Select 18 hours		18
May need to include 6 hours of a foreign language. See note 3.		
May need to include 6 hours upper-division general education outside major department (see note 2.c.) and 1 hour may need to be upper-division		
Students who desire to meet Teacher Education requirements should choose the following courses:		
SCFD 3223	Role of Teacher in American Schools (D)	
SPED 3202	Educating Exceptional Learners (D)	
Also recommended:		
ASL 1713	American Sign Language I	
or CDIS 2033	Deaf Communication and Education (D)	
CDIS 4980	Independent Study in CDIS	
SPCH 2713	Introduction to Speech Communication (S)	
<b>Hours Subtotal</b>		<b>18</b>
<b>Total Hours</b>		<b>120</b>

## Other Requirements

- See the College of Arts and Sciences Requirements.
- **Upper-Division Credit:** Total hours must include at least 40 hours in courses numbered 3000 or above.
- **Hours in One Department:** For B.A. and B.S. degrees, no more than 54 hours in one department may be applied to degree requirements.

## College of Arts and Sciences Requirements

### 1. General Education Requirements

No more than two courses (or eight hours) from the major department (<http://catalog.okstate.edu/college-arts-sciences-major-departments/>) may be used to meet General Education and College and Departmental Requirements. The General Education required English Composition, required U.S. History, required American Government, one required MATH or STAT course, and required foreign language for B.A. degrees do not count against the two-course maximum.

### 2. A&S College/Departmental Requirements

- Arts and Humanities are defined as any course carrying an (H) designation or courses from AMST, ART, DANC, ENGL (except ENGL 3323 Technical Writing) HIST, MUSI, PHIL (except PHIL 1313 Logic and Critical Thinking (A), PHIL 3003 Symbolic

Logic (A) and PHIL 4003 Mathematical Logic and Computability), REL, TH, and foreign languages.

- Natural and Mathematical Sciences are defined as any course from the following prefixes: ASTR, BIOC, BIOL, CHEM, CS (except CS 4883 Social Issues in Computing), GEOL, MATH, MICR, PBIO, PHYS, and STAT; or courses from other departments that carry an (A) or (N) general education designation.
  - The required six hours of upper-division General Education may not include courses from the student's major department. This requirement may be satisfied by courses also used to satisfy any part of a student's degree program (i.e., in General Education, College Departmental Requirements, Major Requirements or Electives).
  - Non-Western Studies Requirement for B.A. and B.F.A.; One 3-hour course in Non-Western Studies (N.W.). This requirement may be satisfied by courses also used to satisfy any part of a student's degree program (i.e., in General Education, College Departmental Requirements, Major Requirements or Electives).
  - The College of Arts & Sciences requires a minimum 2.0 GPA in all major requirements and a minimum 2.0 GPA in all major-prefix courses applied to the degree.
- ### 3. Foreign Language Proficiency
- The foreign language requirement for the B.A. may be satisfied by 9 hours college credit in the same language, which must include 3 hours at the 2000-level, or equivalent proficiency (e.g., passing an advanced standing examination; TOEFL exam; presenting a high school transcript which demonstrates the high school was primarily conducted in a language other than English; etc.). Computer Science courses may not be used to satisfy this requirement. Currently Arabic and Mvskoke are not offered at the 2000-level at OSU.
  - The foreign language requirement for the B.S., B.M. and B.F.A. may be satisfied by presenting a high school transcript which demonstrates two years of study of a single foreign language (passing grades at second-year level of study). It may also be satisfied by 6 hours college credit in the same language, which must include language courses 1713 and 1813, or equivalent proficiency (e.g., passing an advanced standing examination; TOEFL exam; presenting a high school transcript which demonstrates the high school was primarily conducted in a language other than English; etc.). Computer Science courses may not be used to satisfy this requirement.
  - In addition to a. and b., students pursuing teacher certification must meet novice-high foreign language proficiency by presenting a high school transcript which demonstrates two years of study of a single foreign language with no grade below B. Or, students may complete 3 hours college credit in a single language with no grade below C (or pass an advanced standing examination, College Level Examination Program (CLEP) exam, or Oral Proficiency Interview developed by the American Council on the Teaching of Foreign Languages, equivalent to 3 hours of college credit.) Or, students may meet the requirement by transfer of documentation of meeting the foreign language competency from one of the teacher education programs in the State of Oklahoma approved by the Oklahoma State Regents for Higher Education.
- ### 4. Exclusions
- Courses used to satisfy the General Education English Composition, U.S. History, American Government, and



Mathematics or Statistics requirements will not count toward the 54-hour maximum allowed from one department.

- b. Courses with ATHL or LEIS prefixes and leisure activity courses may not be used for degree credit.

## Additional State/OSU Requirements

- At least: 60 hours at a four-year institution; 30 hours completed at OSU; 15 of the final 30 or 50% of the upper-division hours in the major field completed at OSU.
- Limit of: one-half of major course requirements as transfer work; one-fourth of hours earned by correspondence; 8 transfer correspondence hours.
- Students will be held responsible for degree requirements in effect at the time of matriculation and any changes that are made, so long as these changes do not result in semester credit hours being added or do not delay graduation.
- Degrees that follow this plan must be completed by the end of Summer 2028.

## Example Plan of Study

### Finish in Four Plan of Study

The plan below is an example of how students can successfully complete degree requirements in four years. This suggested class schedule plan may be used as a guide and can be adjusted based on individual needs. Students are required to meet with an academic advisor prior to enrollment each semester to plan their class schedule, and students are ultimately responsible for completing all degree requirements.

Course	Title	Hours
<b>Freshman</b>		
<b>Fall</b>		
STAT 2013 or STAT 2053	Elementary Statistics (A) or Elementary Statistics for the Social Sciences (A)	3
General Education courses		13
<b>Hours</b>		<b>16</b>
<b>Spring</b>		
BIOL 1113 & BIOL 1111 or BIOL 1114	Introductory Biology (N) or Introductory Biology (LN)	4
General Education courses		10
<b>Hours</b>		<b>14</b>
<b>Sophomore</b>		
<b>Fall</b>		
CDIS 2313	Introduction to Communication Disorders	3
CDIS 2223	Speech and Language Development	3
CDIS 3313	Phonetics	3
General Education courses		6
<b>Hours</b>		<b>15</b>
<b>Spring</b>		
CDIS 3203	Anatomy and Physiology of the Speech Mechanism	3
CDIS 3413	Introduction to Research	3
PHYS 1014	Descriptive Physics (N)	4
College and Elective courses		5
<b>Hours</b>		<b>15</b>
<b>Junior</b>		
<b>Fall</b>		
CDIS 3113	Communication Disorders in Children	3
CDIS 3123	Audiology Diagnosis	3
College and Elective courses		9
<b>Hours</b>		<b>15</b>

<b>Spring</b>		
CDIS 4133	Audiology Treatment	3
CDIS 4023	Clinical Methods and Issues	3
Major, College, and Elective courses		9
<b>Hours</b>		<b>15</b>
<b>Senior</b>		
<b>Fall</b>		
CDIS 4313	Speech Science	3
CDIS 4423	Neural Bases of Speech and Language	3
Major, College, and Elective courses		9
<b>Hours</b>		<b>15</b>
<b>Spring</b>		
CDIS 4013	Diagnostics	3
CDIS 4433	Communication Disorders in Adults	3
Major, College, and Elective courses		9
<b>Hours</b>		<b>15</b>
<b>Total Hours</b>		<b>120</b>



## Communication Sciences and Disorders (CDIS), Minor

### Requirements for Students Matriculating in or before Academic Year

2022-2023. Learn more about University Academic Regulation 3.1 (p. 943).

**Minimum grade and/or GPA for minor courses:** 2.75 GPA and a grade of "C" or higher.

**Total Hours:** 15

Code	Title	Hours
<b>Course Requirements</b>		
CDIS 2033	Deaf Communication and Education (D)	3
CDIS 2313	Introduction to Communication Disorders	3
CDIS 2223	Speech and Language Development	3
CDIS 3113	Communication Disorders in Children <sup>1</sup>	3
CDIS 3123	Audiology Diagnosis	3
<b>Total Hours</b>		<b>15</b>

1

CDIS 2313 and CDIS 2223 are pre-requisites for CDIS 3113.

## Additional OSU Requirements

### Undergraduate Minors

- An undergraduate minor must include between fifteen and thirty hours, inclusive of undergraduate coursework.
- A minimum of six credit hours for the minor must be earned in residence at OSU.
- The courses required for a minor may be included in the course requirements for any undergraduate degree or they may be in addition to degree requirements, depending on the overlap between the minor and degree requirements. However, an undergraduate minor must be earned in an academic field other than the student's declared degree option. The minor may not duplicate the degree major or option (for example, a student who earns a BA in Art with an Art History option may earn a minor in Studio Art but not Art History).
- A student generally follows the minor requirements associated with his or her matriculation year or newer requirements that have been established since matriculation. The time limit for following requirements from a given academic year is six years.

For additional information on requirements on minors, click here (<https://adminfinance.okstate.edu/site-files/documents/policies/requirements-for-undergraduate-and-graduate-minors.pdf>).

## Communication Sciences and Disorders, Undergraduate Certificate

**Requirements for Students Matriculating in or before Academic Year 2022-2023.** Learn more about University Academic Regulation 3.1 (p. 943).

**Total Hours:** 38

### Admission Requirements:

- The student must have a Bachelor's degree or is expected to complete a Bachelor's degree by the completion of certificate requirements.
- The student maintains a 2.75 to complete the certificate.
- No grade less than a "C" is earned in the major specific courses.
- Residency Requirement: The student must complete 18 hours or half of the total hours at Oklahoma State University in order to receive a certificate from OSU.

Code	Title	Hours
<b>Required Courses</b>		
PHYS 1014	Descriptive Physics (N) <sup>1</sup>	4
PSYC 1113	Introductory Psychology (S) <sup>1</sup>	3
BIOL 1113 & BIOL 1111 or BIOL 1114	Introductory Biology (N) and Introductory Biology Laboratory (LN) <sup>1</sup> Introductory Biology (LN)	4
STAT 2013	Elementary Statistics (A) <sup>1</sup>	3
CDIS 2223	Speech and Language Development	3
CDIS 3113	Communication Disorders in Children	3
CDIS 3123	Audiology Diagnosis	3
CDIS 3203	Anatomy and Physiology of the Speech Mechanism	3
CDIS 3313	Phonetics	3
CDIS 4023	Clinical Methods and Issues	3
CDIS 4313	Speech Science	3
CDIS 4423	Neural Bases of Speech and Language	3
<b>Total Hours</b>		<b>38</b>

1

Indicates General Education courses.

## Computer Science

Computer science is concerned with theoretical and practical methods of storing, processing and communicating information by means of computing devices and computer networks. Professional computer scientists obtain a formal education through the BS, MS or PhD degrees and apply their knowledge to many diversified fields of science, engineering, business and communications. Computer science offers opportunities to both specialists and generalists.

Within a short period of time, the computing field has evolved from one associated primarily with engineering and scientific calculations of only casual interest to the layperson, to a factor of significant influence in almost every aspect of modern life. Technical careers in computer architecture and software design, as well as applications in the business and scientific areas, require a thorough knowledge of the principles of computer science. In addition, most managers in any field require some familiarity with computers, not only to be able to understand them, but also to incorporate them into their own decision-making processes.

The department offers the full range of degree programs—BS, MS and PhD. A graduate certificate program in big data analytics is also offered. All programs are offered in Stillwater. The BS is also offered on the Tulsa campus (upper-division courses only). Effective Spring 2020, students may choose to complete all BS degree requirements online. The Computer Science Department has a variety of computing resources, including a Linux cluster (big data lab), several Linux workstations, an iMac mobile app lab, robotics and graphics, and augmented and virtual reality labs. The systems are available to Computer Science students, faculty, and staff for both course assignments and research work. Graduate students have access to several research labs. The department also has a Collaborative Learning Laboratory for networking and group work.

Computer Science students may pursue internships in various industries such as financial/banking, energy (oil, gas, and wind), medical, defense, aeronautical, and IT. The 4+1 program allows a student to apply 9 hours of computer science courses to both their BS and MS programs. Most BS and MS graduates obtain positions in industry. PhD graduates find university teaching and research positions or positions in industry.

Computers can be accessed through the OSU Information Technology Division. There are a number of personal computer labs located in various buildings on campus. Some of the residence halls have personal computer labs available. All of these labs have access to personal computer application software and to all mainframe computers on campus, as well as Internet access. Both University and department computers can be accessed 24 hours a day.

## Courses

### CS 1003 Computer Proficiency

**Description:** For students with minimal personal computer skills. Use of Internet and productivity software such as word processing, spreadsheets, databases, and presentation software. The ability to log on to a personal computer, access the OSU network, and access OSU Web sites is assumed. Previously offered as CS 1002.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Computer Science

### CS 1013 Computer Science Principles

**Description:** Computing as a creative human activity, abstraction to reduce detail and focus on concepts relevant to understanding and solving problems, describing data and information to facilitate the creation of knowledge, discuss algorithms as tools for developing and expressing solutions to computational problems, use programming is a creative process that produces computational artifacts; and discuss digital devices, systems, and the networks that interconnect them.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Computer Science

### CS 1103 Computer Programming (A)

**Prerequisites:** MATH 1513 or higher, each with a grade of "C" or better.

**Description:** Introduction to computer programming using a high-level computer language, including subprograms and arrays. Principles of problem solving, debugging, documentation, and good programming practice. Elementary methods of searching and sorting. No prior programming or computing experience needed. Previously offered as CS 2103.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Computer Science

**General Education and other Course Attributes:** Analytical & Quant Thought

### CS 1113 Computer Science I (A)

**Prerequisites:** MATH 1513 or higher, with a grade of "C" or better.

**Description:** Introduction to computer science using a block-structured high-level computer language, including subprograms, arrays, recursion, records, and abstract data types. Principles of problem solving, debugging, documentation, and good programming practice. Elementary methods of sorting and searching. Use of operating system commands and utilities. Previously offered as CS 2113.

**Credit hours:** 3

**Contact hours:** Lecture: 2 Lab: 2 Contact: 4

**Levels:** Undergraduate

**Schedule types:** Lab, Lecture, Combined lecture and lab

**Department/School:** Computer Science

**General Education and other Course Attributes:** Analytical & Quant Thought

### CS 2133 Computer Science II

**Prerequisites:** CS 1113 with a grade of "C" or better.

**Description:** Recursive algorithms. Intermediate methods of searching and sorting. Mathematical analysis of space and time complexity, worst case, and average case performance. Course previously offered as CS 3333.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Computer Science

**CS 2351 Unix Programming**

**Prerequisites:** CS 1113 or EET 2303 with a grade of "C" or better.

**Description:** The UNIX programming system. The programming environment. The UNIX file system and the shell. Use of pipes and filters. Course previously offered as CS 3451.

**Credit hours:** 1

**Contact hours:** Lab: 2 Contact: 2

**Levels:** Undergraduate

**Schedule types:** Lab

**Department/School:** Computer Science

**CS 2433 C/C++ Programming**

**Prerequisites:** CS 1113 with a grade of "C" or better.

**Description:** C/C++ programming language types, operators, expressions, control flow, functions, structures, pointers, arrays, UNIX interface. Basic object oriented programming using C++ and the related language syntax and functionality. Previously offered as CS 2432.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Computer Science

**CS 2570 Special Problems in Computer Science**

**Prerequisites:** Consent of instructor and freshman or sophomore standing.

**Description:** Current topics and applications of computer science. Existing and new topics to computer science. Allows lower-division students to study topics not provided in existing classes. Can be individual study or a class with a new subject. Offered for variable credit, 1-3 credit hours, maximum of 6 credit hours.

**Credit hours:** 1-3

**Contact hours:** Contact: 1-3 Other: 1-3

**Levels:** Undergraduate

**Schedule types:** Independent Study

**Department/School:** Computer Science

**CS 3030 Industrial Practice in Computer Science**

**Prerequisites:** CS 3443 and MATH 2144, each with a grade of "C" or better, junior standing, consent of departmental adviser.

**Description:** Applied computing in industry. Topics vary with cooperating employers. Written reports will be specified by adviser. Basic object oriented programming using C++ and the related language syntax and functionality. Offered for variable credit, 1-6 credit hours, maximum of 9 credit hours.

**Credit hours:** 1-6

**Contact hours:** Contact: 1-6 Other: 1-6

**Levels:** Undergraduate

**Schedule types:** Independent Study

**Department/School:** Computer Science

**CS 3353 Data Structures and Algorithm Analysis I**

**Prerequisites:** CS 2133 and CS 3653, each with a grade of "C" or better.

**Description:** Storage, structures, data and information structures, list processing, trees and tree processing, graphs and graph processing, searching, and sorting. Previously offered as CS 4343 and CS 4344.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Computer Science

**CS 3363 Organization of Programming Languages**

**Prerequisites:** CS 2133 and (CS 3443 or ECEN 3213), each with a grade of "C" or better.

**Description:** Programming language constructs. Run time behavior of programs. Language definition structure. Control structures and data flow programming paradigms. Previously offered as CS 4363.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Computer Science

**CS 3443 Computer Systems**

**Prerequisites:** CS 2133 with a grade of "C" or better.

**Description:** Functional and register level description of computer systems, computer structures, addressing techniques, macros, linkage, input-output operations. Introduction to file processing operations and auxiliary storage devices. Programming assignments are implemented in assembly language.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Computer Science

**CS 3513 Numerical Methods for Digital Computers**

**Prerequisites:** MATH 2153 with a grade of "C" or better; MATH 3013 with a grade of "C" or better, or concurrent enrollment; or MATH 3263 with a grade of "C" or better and knowledge of programming.

**Description:** Errors, floating point numbers and operations, interpolation and approximation, solution of nonlinear equations and linear systems, condition and stability, acceleration methods, numerical differentiation and integration. Course previously offered as CS 3223.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Computer Science

**CS 3570 Special Problems in Computer Science**

**Prerequisites:** Junior standing and consent of instructor.

**Description:** Existing and new topics to computer science. Allows lower-division students to study topics not provided in existing classes. Can be individual study or a class with a new subject. Offered for variable credit, 1-6 credit hours, maximum of 6 credit hours.

**Credit hours:** 1-6

**Contact hours:** Contact: 1-6 Other: 1-6

**Levels:** Undergraduate

**Schedule types:** Independent Study

**Department/School:** Computer Science

**CS 3613 Theoretical Foundations of Computing**

**Prerequisites:** CS 2133 and CS 3653, each with a grade of "C" or better.

**Description:** Introduction to the classical theory of computer science. Sequential machines and their applications to devices, processes, and programming. Models of computation: finite-state automata, push-down automata, Turing machines. The role of non-determinism. Limits of digital computation. Computability and unsolvability. The Church-Turing Thesis.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Computer Science

**CS 3653 Discrete Mathematics for Computer Science****Prerequisites:** MATH 2144 with a grade of "C" or better.**Description:** Theory and applications of discrete mathematical models fundamental to analysis of problems in computer science. Set theory, formal logic and proof techniques, relations and functions, combinatorics and probability, undirected and directed graphs, Boolean algebra, switching logic.**Credit hours:** 3**Contact hours:** Lecture: 3 Contact: 3**Levels:** Undergraduate**Schedule types:** Lecture**Department/School:** Computer Science**CS 4143 Computer Graphics****Prerequisites:** MATH 2163 and CS 3353, each with a grade of "C" or better.**Description:** Interactive graphics programming; graphics hardware; geometrical transformation; data structures for graphic representations; viewing in three dimensions; representation of 3D shapes; hidden edge and hidden surface removal algorithms; shading models. May not be used for degree credit with CS 5143.**Credit hours:** 3**Contact hours:** Lecture: 3 Contact: 3**Levels:** Undergraduate**Schedule types:** Lecture**Department/School:** Computer Science**CS 4153 Mobile Applications Development****Prerequisites:** CS 2133 or 2433, each with a grade of "C" or better.**Description:** The history of mobile apps and their implication on computing in general. Survey of the various platforms and approaches used for mobile apps. Examine the differences between "conventional" programs and mobile apps. Learn tools and techniques to develop mobile apps, and demonstrate proficiency through development assignments. May not be used for degree credit with CS 5153.**Credit hours:** 3**Contact hours:** Lecture: 3 Contact: 3**Levels:** Undergraduate**Schedule types:** Lecture**Department/School:** Computer Science**CS 4173 Video Game Development****Prerequisites:** CS 2133, and CS 2433 and MATH 2144, all with a grade of "C" or better.**Description:** History of video games. A survey of various game platforms. Computer graphics, audio tools and techniques, and artificial intelligence for game development. Game engines. Game development tools and techniques. An overview of the video game industry from a development perspective. May not be used for degree credit with CS 5163.**Credit hours:** 3**Contact hours:** Lecture: 3 Contact: 3**Levels:** Undergraduate**Schedule types:** Lecture**Department/School:** Computer Science**CS 4183 Video Game Design****Prerequisites:** CS 2133 and CS 3653, each with a grade of "C" or better.**Description:** Theory and pragmatics of game design including game mechanics, storytelling, and types of game play. The relationship between human/computer interaction and the user experience. A survey of game genres. An overview of the video game industry from a design perspective. May not be used for degree credit with CS 5183.**Credit hours:** 3**Contact hours:** Lecture: 3 Contact: 3**Levels:** Undergraduate**Schedule types:** Lecture**Department/School:** Computer Science**CS 4243 Introduction to Computer Security****Prerequisites:** CS 3443 or ECEN 3213, each with a grade of "C" or better.**Description:** Introductory course to computer security. Covers a broad range of basic topics in security, including cryptography, computer security, and network security. May not be used for degree credit with CS 5243.**Credit hours:** 3**Contact hours:** Lecture: 3 Contact: 3**Levels:** Undergraduate**Schedule types:** Lecture**Department/School:** Computer Science**CS 4273 Software Engineering****Prerequisites:** CS 2133 and CS 3653 and (CS 3443 or ECEN 3213), each with a grade of "C" or better.**Description:** Fundamental characteristics of the software life cycle. Tools, techniques, and management controls for development and maintenance of large software systems. Software metrics and models. Human factors and experimental design. Same course as ECEN 4273. May not be used for degree credit with CS 5473.**Credit hours:** 3**Contact hours:** Lecture: 3 Contact: 3**Levels:** Undergraduate**Schedule types:** Lecture**Department/School:** Computer Science**CS 4283 Computer Networks****Prerequisites:** CS 2133 with a grade of "C" or better; and CS 3443 or ECEN 3213 with a grade of "C" or better; UNIX knowledge.**Description:** Computer networks, distributed systems and their systematic design. Introduction to the use, structure, and architecture of computer networks. Networking experiments to describe network topology. ISO reference model. Same course as ECEN 4283. May not be used for degree credit with CS 5383.**Credit hours:** 3**Contact hours:** Lecture: 3 Contact: 3**Levels:** Undergraduate**Schedule types:** Lecture**Department/School:** Computer Science

**CS 4323 Design and Implementation of Operating Systems I**

**Prerequisites:** CS 2133; and CS 3443 or ENSC 3213 or ECEN 3213; and CS 3653 and CS 4343 or CS 3353, all with a grade of "C" or better.

**Description:** Process activation and process context block. Batch, multi-programmed, and timeshared operating system. Process management, memory management, and synchronization primitives. Deadlock prevention, avoidance, and detection. May not be used for degree credit with CS 5223.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Computer Science

**CS 4373 Agile Software Development**

**Description:** This course includes a comprehensive overview of the principles and practices of Agile software development based on Agile community's recent recommendations. The emphasis is on quick realization of system value through disciplined, iterative, and incremental software development techniques and the elimination of wasteful practices.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Computer Science

**CS 4433 Introduction to Database Systems**

**Prerequisites:** CS 2133 with a grade of "C" or better.

**Description:** An overview of database management systems, entity-relationship model, relational model, structural query language, relational algebra, relational database design with normalization theorems, XML; basic file organization and storage management; elementary e-commerce web application development; database systems and the Internet. May not be used for degree credit with CS 4433 and CS 5423.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Computer Science

**CS 4513 Introduction to Numerical Analysis**

**Prerequisites:** MATH 2233 and MATH 3013, each with a grade of "C" or better, knowledge of programming or consent of instructor.

**Description:** Computer arithmetic and round-off errors, numerical solution to nonlinear equations, interpolation, numerical differentiation and integration, numerical solutions to ordinary differential equations, error analysis for numerical solutions and approximations. Additional topics may include direct and iterative solutions for linear systems of equations. Same course as MATH 4513. May not be used for degree credit with MATH 5513.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Computer Science

**CS 4523 Cloud Computing and Distributed Systems**

**Prerequisites:** CS 3443; and CS 4343 or CS 3353, each with a grade of "C" or better.

**Description:** Cloud computing and distributed systems architectures and models. Usage of Virtual Machines. Distributed computing frameworks. Using the cloud for big data analytics. Cloud deployment of data science algorithms. Cloud services. Security. May not be used for degree credit with CS 5123.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Computer Science

**CS 4570 Special Topics in Computing**

**Prerequisites:** Honors Program participation, junior standing.

**Description:** Advanced topics and applications of computer science. Typical topics include operating systems, multiprocessor systems, programming systems or various mathematical and statistical packages. Designed to allow students to study topics not provided in existing courses. Offered for variable credit, 1-3 credit hours, maximum of 5 credit hours.

**Credit hours:** 1-3

**Contact hours:** Contact: 1-3 Other: 1-3

**Levels:** Undergraduate

**Schedule types:** Independent Study

**Department/School:** Computer Science

**CS 4623 Introduction to Cyber Physical Systems**

**Description:** Introduction to principles and technologies dealing with cyber physical systems and Internet of Things (IoT). Design of cyber physical frameworks and the process underlying creation of 3D VR based simulation models and Next General Internet frameworks to support the adoption of cyber physical methodologies. Information modeling and systems engineering based techniques to support the design of collaborative methodologies for CPS contexts from various domains including robotics and medicine. May not be used for degree credit with CS 5623.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Computer Science

**CS 4743 Extended Reality**

**Prerequisites:** CS 2133 and CS 2433 and CS 3653, each with a grade of "C" or better.

**Description:** Survey the history and state-of-the-art of immersive computing, aka VAMR (virtual/augmented/mixed reality) computing. Tools and techniques to develop for a variety of target platforms. Human physiological factors that affect the design and development of immersive systems. The relationship of immersive computing with IoT (Internet of Things). Construction of virtual environments and the tracking of real and virtual objects. Applications of immersive computing to solve real-world problems. May not be used for degree credit with CS 5743.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Computer Science



**CS 4783 Machine Learning**

**Prerequisites:** CS 4343 or CS 3353, and MATH 3013, each with a grade of "C" or better.

**Description:** A probabilistic, statistical approach to automated pattern discovery applied to large datasets. Constructing computational models with this information and assessing their behavior and reliability. Representing data and devising tools for discovering these models. Class focuses on the development and analysis of learning algorithms as well as the mathematical formulations underlying statistical processing. May not be used for degree credit with CS 5783.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Computer Science

**CS 4793 Artificial Intelligence I**

**Prerequisites:** CS 3353 with a grade of "C" or better.

**Description:** Broad coverage of core artificial intelligence (AI) topics, including search-oriented problem solving, knowledge representation, logical inference, AI languages, history and philosophy of AI. May not be used for degree credit with CS 5723.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Computer Science

**CS 4883 Social Issues in Computing**

**Prerequisites:** Senior standing and a grade of "C" or better in ENGL 3323 or BCOM 3113 or BCOM 3223 or SPCH 3723.

**Description:** The history and evolution of computing systems, providing the background for the analysis of the social impact of computers. The social implications of computer use and or misuse with emphasis on the effects on the individual, society, and other human institutions. Social responsibilities of people involved in using or applying computers.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Computer Science

**CS 4983 Senior Capstone Project**

**Prerequisites:** CS 3353 and CS 3363 and (CS 3443 or EGEN 3213), each with a grade of "C" or better.

**Description:** This course enables senior computer science majors to organize and apply the knowledge they have acquired from the undergraduate curriculum. Students are expected to work in teams to develop software solutions to real-world problems identified by an instructor. Teams are required to analyze the problem presented to them, design and implement a solution, and provide a report with performance analysis. Each team is also expected to present its work, including its ethical and social implications.

**Credit hours:** 3

**Contact hours:** Contact: 3 Other: 3

**Levels:** Undergraduate

**Schedule types:** Independent Study

**Department/School:** Computer Science

**CS 4993 Senior Honors Project**

**Prerequisites:** Departmental invitation, senior standing, Honors Program participation.

**Description:** A guided reading and research program ending with an honors project under the direction of a faculty member, with a second faculty reader and an oral examination. Required for graduation with departmental honors in computing and information science.

**Credit hours:** 3

**Contact hours:** Contact: 3 Other: 3

**Levels:** Undergraduate

**Schedule types:** Independent Study

**Department/School:** Computer Science

**General Education and other Course Attributes:** Honors Credit

**CS 5000 Master's Thesis**

**Prerequisites:** Consent of major professor.

**Description:** Roles and responsibilities of the agricultural education teacher; types of program offerings; steps of the teaching-learning process; place of agricultural education in relation to other educational programs in school systems. Offered for variable credit, 1-6 credit hours, maximum of 6 credit hours.

**Credit hours:** 1-6

**Contact hours:** Contact: 1-6 Other: 1-6

**Levels:** Graduate

**Schedule types:** Independent Study

**Department/School:** Computer Science

**CS 5030 Professional Practice**

**Prerequisites:** Graduate standing in computer science, consent of the department head.

**Description:** Experience in the application of computer science principles to problems encountered in industry and government. Participation in problem solving in the role of junior computer scientist, junior software engineer, or computer science intern. All problem solutions documented. Required written report to the major professor. Offered for variable credit, 1-9 credit hours, maximum of 9 credit hours.

**Credit hours:** 1-9

**Contact hours:** Contact: 1-9 Other: 1-9

**Levels:** Graduate

**Schedule types:** Independent Study

**Department/School:** Computer Science

**CS 5033 Parallel Algorithms and Programming**

**Prerequisites:** CS 4343 or CS 3353 with a grade of "C" or better, or consent of instructor.

**Description:** Models of parallel computation, design and analysis of parallel algorithms: fundamental parallel algorithms for selected sorting, arithmetic, and matrix, and graph problems, and applications in science and engineering, message-passing programming, and shared-memory programming.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Graduate

**Schedule types:** Lecture

**Department/School:** Computer Science

**CS 5070 Seminar and Special Problems****Prerequisites:** Consent of instructor.**Description:** Designed to allow students to study advanced topics not provided in existing courses. Offered for variable credit, 1-6 credit hours, maximum of 6 credit hours.**Credit hours:** 1-6**Contact hours:** Contact: 1-6 Other: 1-6**Levels:** Graduate**Schedule types:** Independent Study**Department/School:** Computer Science**CS 5113 Computer Organization and Architecture****Prerequisites:** CS 3443 with a grade of "C" or better.**Description:** Computer architecture, computer control, microprogrammed control, addressing structures, memory hierarchies, hardware description languages, specific architectures, hardware simulation, and emulation.**Credit hours:** 3**Contact hours:** Lecture: 3 Contact: 3**Levels:** Graduate**Schedule types:** Lecture**Department/School:** Computer Science**CS 5123 Cloud Computing and Distributed Systems****Prerequisites:** CS 3443; and CS 4343 or CS 3353, each with a grade of "C" or better.**Description:** Cloud computing and distributed systems architectures and models. Usage of Virtual Machines. Distributed computing frameworks. Using the cloud for big data analytics. Cloud deployment of data science algorithms. Cloud services. Security. May not be used for degree credit with CS 4523.**Credit hours:** 3**Contact hours:** Lecture: 3 Contact: 3**Levels:** Graduate**Schedule types:** Lecture**Department/School:** Computer Science**CS 5143 Computer Graphics****Prerequisites:** MATH 2163 and CS 3353, each with a grade of "C" or better.**Description:** Interactive graphics programming; graphics hardware; geometrical transformation; data structures for graphic representations; viewing in three dimensions; representation of 3D shapes; hidden edge and hidden surface removal algorithms; shading models. May not be used for degree credit with CS 4143.**Credit hours:** 3**Contact hours:** Lecture: 3 Contact: 3**Levels:** Graduate**Schedule types:** Lecture**Department/School:** Computer Science**CS 5153 Mobile Applications Development****Prerequisites:** CS 2133 or 2433, each with a grade of "C" or better.**Description:** The history of mobile apps and their implication on computing in general. Survey of the various platforms and approaches used for mobile apps. Examine the differences between "conventional" programs and mobile apps. Learn tools and techniques to develop mobile apps, and demonstrate proficiency through development assignments. May not be used for degree credit with CS 4153.**Credit hours:** 3**Contact hours:** Lecture: 3 Contact: 3**Levels:** Graduate**Schedule types:** Lecture**Department/School:** Computer Science**CS 5163 Video Game Development****Prerequisites:** CS 2133, and CS 2433 and MATH 2144, all with a grade of "C" or better.**Description:** History of video games. A survey of various game platforms. Computer graphics, audio tools and techniques, and artificial intelligence for game development. Game engines. Game development tools and techniques. An overview of the video game industry from a development perspective. May not be used for degree credit with CS 4173.**Credit hours:** 3**Contact hours:** Lecture: 3 Contact: 3**Levels:** Graduate**Schedule types:** Lecture**Department/School:** Computer Science**CS 5173 Video Game Production****Prerequisites:** CS 4173 and CS 4183, each with a grade of "C" or better.**Description:** The various aspects of video game production and the video game industry will be covered, including technical production and testing, roles and responsibilities of team members, project management, and legal concerns related to video game production. Professionals from the video game industry will be invited to make presentations.**Credit hours:** 3**Contact hours:** Lecture: 3 Contact: 3**Levels:** Graduate**Schedule types:** Lecture**Department/School:** Computer Science**CS 5183 Video Game Design****Prerequisites:** CS 2133 and CS 3653, each with a grade of "C" or better.**Description:** Theory and pragmatics of game design including game mechanics, storytelling, and types of game play. The relationship between human/computer interaction and the user experience. A survey of game genres. An overview of the video game industry from a design perspective. May not be used for degree credit with CS 4183.**Credit hours:** 3**Contact hours:** Lecture: 3 Contact: 3**Levels:** Graduate**Schedule types:** Lecture**Department/School:** Computer Science**CS 5223 Design and Implementation of Operating Systems I****Prerequisites:** CS 2133; and CS 3443 or ENSC 3213 or ENSC 3213; and CS 3653 and CS 4343 or CS 3353, all with a grade of "C" or better.**Description:** Process activation and process context block. Batch, multi-programmed, and timeshared operating system. Process management, memory management, and synchronization primitives. Deadlock prevention, avoidance, and detection. May not be used for degree credit with CS 4323. For non-CS majors only.**Credit hours:** 3**Contact hours:** Lecture: 3 Contact: 3**Levels:** Graduate**Schedule types:** Lecture**Department/School:** Computer Science

**CS 5233 Intro to Database Systems**

**Prerequisites:** CS 2133 with a grade of "C" or better.

**Description:** An overview of database management systems, entity-relationship model, relational model, structural query language, relational algebra, relational database design with normalization theorems, XML; basic file organization and storage management; elementary e-commerce web application development; database systems and the Internet. May not be used for degree credit with CS 4433 or CS 5423. Previously offered as CS 4433.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Graduate

**Schedule types:** Lecture

**Department/School:** Computer Science

**CS 5243 Introduction to Computer Security**

**Prerequisites:** CS 3443 with a grade of "C" or better.

**Description:** Introductory course to computer security. Covers a broad range of basic topics in security, including cryptography, computer security, and network security. May not be used for degree credit with CS 4243.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Graduate

**Schedule types:** Lecture

**Department/School:** Computer Science

**CS 5253 Digital Computer Design**

**Prerequisites:** ECEN 4243 or graduate standing.

**Description:** Analysis and design of digital computers. Arithmetic algorithms and the design of the arithmetic/logic unit (ALU). Serial and parallel data processing; control and timing systems; microprogramming; memory organization alternatives; input/output interfaces. Same course as ECEN 5253.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Graduate

**Schedule types:** Lecture

**Department/School:** Computer Science

**CS 5263 Quantum Computing**

**Prerequisites:** Graduate standing.

**Description:** The main theory of quantum information science and its applications to communications, computing and cryptography. Topics include introduction to quantum mechanics, quantum gates, circuits, entropy, cryptographic schemes, and implementations. Current technology in support of quantum processing will be reviewed.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Graduate

**Schedule types:** Lecture

**Department/School:** Computer Science

**CS 5273 Advanced Software Engineering**

**Prerequisites:** CS 4273 with a grade of "C" or better.

**Description:** Continuation of CS 4273. Formal methods for software design and development. Static analysis. Emerging design and development approaches. Model checking and model-based software reuse. Component-based software engineering and software repositories. Same course as ECEN 5273.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Graduate

**Schedule types:** Lecture

**Department/School:** Computer Science

**CS 5283 Computer Network Programming**

**Prerequisites:** CS 4283 with a grade of "C" or better.

**Description:** Detailed technical concepts related to Internet and multimedia, high speed LANS, high speed transport protocols, MPLS, multicasting, Int. serv/Diff serv, Router Buffer management, self-similar traffic, and socket programming.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Graduate

**Schedule types:** Lecture

**Department/School:** Computer Science

**CS 5313 Formal Language Theory**

**Prerequisites:** CS 3613 with a grade of "C" or better.

**Description:** Formal language theory applied to procedure oriented languages. Application of finite state algorithms to lexical analysis. Chomsky hierarchy of languages. Generation, recognition, and closure properties of languages.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Graduate

**Schedule types:** Lecture

**Department/School:** Computer Science

**CS 5323 Design and Implementation of Operating Systems II**

**Prerequisites:** CS 4323 with a grade of "C" or better.

**Description:** Task systems and concurrent programming, synchronization, and inter process communication. Theoretical investigation of resource sharing and deadlock, memory management, strategies, and scheduling algorithms, queuing theory, distributed operating systems. System accounting, user services and utilities.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Graduate

**Schedule types:** Lecture

**Department/School:** Computer Science

**CS 5363 Advanced Organization of Programming Languages**

**Prerequisites:** CS 3363 with a grade of "C" or better.

**Description:** Continuation of CS 3363, mathematical theory of computer language organization functional programming. Parallelism in languages. Mathematics of control structures and data structures. Applicative languages. Symbolic languages.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Graduate

**Schedule types:** Lecture

**Department/School:** Computer Science

**CS 5373 Advanced Object-Oriented Programming for Windowing Environments**

**Prerequisites:** For CS students: CS 2133 and CS 2433, each with a grade of "C" or better. For TCOM students: CS 4343 or CS 3353 with a grade of "C" or better and a working knowledge of C++.

**Description:** Applying the object-oriented computing model to the design and development of software for windowing environments. Effective use of Graphical User Interfaces (GUIs), the Internet, data interchange principles and related topics. No credit for students with credit in CS 3373.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Graduate

**Schedule types:** Lecture

**Department/School:** Computer Science

**CS 5383 Computer Networks**

**Prerequisites:** CS 2133 with a grade of "C" or better; and CS 3443 or ECEN 3213 with a grade of "C" or better; UNIX knowledge.

**Description:** Computer networks, distributed systems and their systematic design. Introduction to the use, structure, and architecture of computer networks. Networking experiments to describe network topology. ISO reference model. May not be used for degree credit with CS/ECEN 4283.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Graduate

**Schedule types:** Lecture

**Department/School:** Computer Science

**CS 5413 Data Structures and Algorithm Analysis II**

**Prerequisites:** CS 4343 or CS 3353 with a grade of "C" or better.

**Description:** Data structures and their application in recursive and iterative algorithms. Static and dynamic data structure representations and processing algorithms. Dynamic and virtual storage management.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Graduate

**Schedule types:** Lecture

**Department/School:** Computer Science

**CS 5423 Principles of Database Systems**

**Prerequisites:** CS 4343 or CS 3353; and CS 4433 or equivalent; each with a grade of "C" or better.

**Description:** An overview of database management systems, entity-relationship model, relational model, structural query language, relational algebra, functional dependencies, relational database design with normalization theorems, query processing, fault recovery, concurrent control, web-based database systems. Introduction to NoSQL databases, querying NoSQL databases. May not be used for degree credit with CS 5233.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Graduate

**Schedule types:** Lecture

**Department/School:** Computer Science

**CS 5433 Big Data Management**

**Prerequisites:** CS 3353.

**Description:** Introduction to storing, processing and analyzing big data. Topics to be covered include map-reduce model within the Hadoop framework, data summarization, query and analysis; data munging and transformation; streaming data; transferring structured data; setting up distributed services; fast data processing using Apache Spark, including querying, live data streaming, machine learning and parallel processing; writing data pipeline jobs; introduction to machine learning using R or Python.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Graduate

**Schedule types:** Lecture

**Department/School:** Computer Science

**CS 5473 Software Engineering**

**Description:** Fundamental characteristics of the software life cycle. Tools, techniques, and management controls for development and maintenance of large software systems. Software metrics and models. Human factors and experimental design. May not be used for degree credit with CS 4273 and ECEN 4273.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Graduate

**Schedule types:** Lecture

**Department/School:** Computer Science

**CS 5513 Numerical Computation**

**Prerequisites:** MATH 2233 with a grade of "C" or better; and MATH 3013 or MATH 3263 or equivalent courses with a grade of "C" or better; CS 3513 or MATH 4513 or MATH 5513 or an equivalent course with a grade of "C" or better; a knowledge of computer programming.

**Description:** Errors in machine computation; condition of problems and stability of algorithms; interpolation and approximation; nonlinear equations; linear and nonlinear systems; differentiation and integration; applications to modeling, simulation, and/or optimization. May not be used for degree credit with CS 4513.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Graduate

**Schedule types:** Lecture

**Department/School:** Computer Science

**CS 5623 Introduction to Cyber Physical Systems**

**Description:** Introduction to principles and technologies dealing with cyber physical systems and Internet of Things (IoT). Design of cyber physical frameworks and the process underlying creation of 3D VR based simulation models and Next General Internet frameworks to support the adoption of cyber physical methodologies. Information modeling and systems engineering based techniques to support the design of collaborative methodologies for CPS contexts from various domains including robotics and medicine. May not be used for degree credit with CS 4623.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Graduate

**Schedule types:** Lecture

**Department/School:** Computer Science

**CS 5653 Automata and Finite State Machines****Prerequisites:** CS 5313 with a grade of "C" or better.**Description:** Sequential machines and automata. Hierarchy of recognizers. Decision problems and closure properties. Finite and infinite state machines. Cellular and stochastic automata. Coverings of automata.**Credit hours:** 3**Contact hours:** Lecture: 3 Contact: 3**Levels:** Graduate**Schedule types:** Lecture**Department/School:** Computer Science**CS 5663 Computability and Decidability****Prerequisites:** CS 5313 with a grade of "C" or better.**Description:** Primitive and partial recursive functions. Equivalence of models of computation. The Halting problem and undecidability. Reducing one problem to another or representation change. Tractability and the P-NP problem. Complexity hierarchies.**Credit hours:** 3**Contact hours:** Lecture: 3 Contact: 3**Levels:** Graduate**Schedule types:** Lecture**Department/School:** Computer Science**CS 5683 Big Data Analytics****Prerequisites:** CS 5513 or instructor's permission.**Description:** This course focuses on data science methods to analyze multiple types of massive datasets along with their applications on real world problems like web analysis and recommender systems. May not be used for degree credit with MSIS 5683.**Credit hours:** 3**Contact hours:** Lecture: 3 Contact: 3**Levels:** Graduate**Schedule types:** Lecture**Department/School:** Computer Science**CS 5723 Artificial Intelligence I****Prerequisites:** CS 3353 with a grade of "C" or better.**Description:** Broad coverage of core artificial intelligence (AI) topics, including search-oriented problem solving, knowledge representation, logical inference, AI languages, history and philosophy of AI. May not be used for degree credit with CS 4793.**Credit hours:** 3**Contact hours:** Lecture: 3 Contact: 3**Levels:** Graduate**Schedule types:** Lecture**Department/School:** Computer Science**CS 5743 Extended Reality****Prerequisites:** CS 2133 and CS 2433 and CS 3653, each with a grade of "C" or better.**Description:** Survey the history and state-of-the-art of immersive computing, aka VAMR (virtual/augmented/mixed reality) computing. Tools and techniques to develop for a variety of target platforms. Human physiological factors that affect the design and development of immersive systems. The relationship of immersive computing with IoT (Internet of Things). Construction of virtual environments and the tracking of real and virtual objects. Applications of immersive computing to solve real-world problems. May not be used for degree credit with CS 4743.**Credit hours:** 3**Contact hours:** Lecture: 3 Contact: 3**Levels:** Graduate**Schedule types:** Lecture**Department/School:** Computer Science**CS 5783 Machine Learning****Prerequisites:** CS 3353 or CS 4343, and MATH 3013, each with a grade of "C" or better.**Description:** A probabilistic, statistical approach to automated pattern discovery applied to large datasets. Constructing computational models with this information and assessing their behavior and reliability. Representing data and devising tools for discovering these models. Class focuses on the development and analysis of learning algorithms as well as the mathematical formulations underlying statistical processing. May not be used for degree credit as CS 4783.**Credit hours:** 3**Contact hours:** Lecture: 3 Contact: 3**Levels:** Graduate**Schedule types:** Lecture**Department/School:** Computer Science**CS 5793 Artificial Intell II****Prerequisites:** CS 4793 with a grade of "C" or better.**Description:** Advance knowledge representation and expert system building, including reasoning under uncertainty. Applications to planning, intelligent agents, natural language processing, robotics, and machine learning.**Credit hours:** 3**Contact hours:** Lecture: 3 Contact: 3**Levels:** Graduate**Schedule types:** Lecture**Department/School:** Computer Science**CS 5813 Principles of Wireless Networks****Prerequisites:** CS 4283 or ECEN 4283, with a grade of "C" or better.**Description:** Wireless network operation, planning, mobility management, cellular and mobile data networks based on CDMA, TDMA, GSM, IEEE 802-11 WLANS, Adhoc networks, Bluetooth, power management, wireless geolocation and indoor positioning techniques. Same course as ECEN 5563.**Credit hours:** 3**Contact hours:** Lecture: 3 Contact: 3**Levels:** Graduate**Schedule types:** Lecture**Department/School:** Computer Science



**CS 5823 Network Algorithmics**

**Prerequisites:** CS 4283 and CS 4323, with a grade of "C" or better.  
**Description:** Discusses principles of efficient network implementation- router architecture, end node architecture, data copying, timer maintenance, demultiplexing, forwarding table, lookups, switching, scheduling, IP traceback.  
**Credit hours:** 3  
**Contact hours:** Lecture: 3 Contact: 3  
**Levels:** Graduate  
**Schedule types:** Lecture  
**Department/School:** Computer Science

**CS 6000 Doctoral Dissertation**

**Prerequisites:** Graduate standing and approval of advisory committee.  
**Description:** Graduate standing and approval of advisory committee. Independent research under the direction of a member of the graduate faculty. For students working toward a PhD degree. Offered for variable credit, 2-15 credit hours, maximum of 40 credit hours.  
**Credit hours:** 2-15  
**Contact hours:** Contact: 2-15 Other: 2-15  
**Levels:** Graduate  
**Schedule types:** Independent Study  
**Department/School:** Computer Science

**CS 6210 Advanced Topics in Parallel and Distributed Systems**

**Prerequisites:** CS 5113 with a grade of "C" or better.  
**Description:** The state-of-the-art of parallel and distributed systems. Design, implementation, and analysis of parallel and distributed system architectures, protocols, and algorithms. Resource management, scheduling, and coordination. Internet-scale systems, middleware and services, virtualization, and distributed operating systems. Parallel and distributed programming paradigms: message-passing, shared memory, data-intensive, high performance, high throughput. Offered for variable credit, 2-6 credit hours, maximum of 12 credit hours.  
**Credit hours:** 2-6  
**Contact hours:** Contact: 2-6 Other: 2-6  
**Levels:** Graduate  
**Schedule types:** Independent Study  
**Department/School:** Computer Science

**CS 6240 Advanced Topics in Computer Organization**

**Prerequisites:** CS 5113 and CS 5253, each with a grade of "C" or better.  
**Description:** Structure and organization of advanced computer systems, parallel and pipeline computers, methods of computation, alignment networks, conflict-free memories, and bounds on computation time. Offered for variable credit, 2-6 credit hours, maximum of 12 credit hours.  
**Credit hours:** 2-6  
**Contact hours:** Contact: 2-6 Other: 2-6  
**Levels:** Graduate  
**Schedule types:** Independent Study  
**Department/School:** Computer Science

**CS 6253 Advanced Topics in Computer Architecture**

**Prerequisites:** CS 5253 or ECEN 5253, with a grade of "C" or better.  
**Description:** Innovations in the architecture and organization of computers, with an emphasis on parallelism. Topics may include pipelining, multiprocessors, data flow, and reduction machines. Same course as ECEN 6253.  
**Credit hours:** 3  
**Contact hours:** Lecture: 3 Contact: 3  
**Levels:** Graduate  
**Schedule types:** Lecture  
**Department/School:** Computer Science

**CS 6300 Advanced Topics in Programming Languages**

**Prerequisites:** CS 5313 with a grade of "C" or better.  
**Description:** Interpreter models of programming language semantics, Vienna definition language, lambda calculus, LISP definition; Knuth semantic systems and their formulation, translational and denotational semantics. May be repeated with change of topics. Offered for variable credit, 2-6 credit hours, maximum of 12 credit hours.  
**Credit hours:** 2-6  
**Contact hours:** Contact: 2-6 Other: 2-6  
**Levels:** Graduate  
**Schedule types:** Independent Study  
**Department/School:** Computer Science

**CS 6350 Advanced Topics in Operating Systems**

**Prerequisites:** CS 5323 with a grade of "C" or better.  
**Description:** Design and analysis of operating systems. Concurrent processes, server scheduling, models of auxiliary storage, memory management, virtual systems, and performance algorithms. May be repeated with a change in topics. Offered for variable credit, 2-6 credit hours, maximum of 12 credit hours.  
**Credit hours:** 2-6  
**Contact hours:** Contact: 2-6 Other: 2-6  
**Levels:** Graduate  
**Schedule types:** Independent Study  
**Department/School:** Computer Science

**CS 6400 Advanced Topics in Information Systems**

**Prerequisites:** CS 5413 and CS 5423, each with a grade of "C" or better.  
**Description:** Principles of distributed database systems. Overview of relational database management systems (DBMS) and computer networks, distributed DBMS architecture, distributed database design, distributed concurrency control, query processing and distributed DBMS reliability. Offered for variable credit, 2-6 credit hours, maximum of 12 credit hours.  
**Credit hours:** 2-6  
**Contact hours:** Contact: 2-6 Other: 2-6  
**Levels:** Graduate  
**Schedule types:** Independent Study  
**Department/School:** Computer Science

**CS 6500 Advanced Topics in Numerical Analysis**

**Prerequisites:** MATH 5513 or CS 4513 with a grade of "C" or better, or MATH 4513 with a grade of "C" or better and consent of instructor.  
**Description:** Systems of nonlinear equations, nonlinear least squares problems, iterative methods for large systems of linear equations, finite element methods, solution of partial differential equations. May be repeated with change of topics. Offered for variable credit, 2-6 credit hours, maximum of 12 credit hours.  
**Credit hours:** 2-6  
**Contact hours:** Contact: 2-6 Other: 2-6  
**Levels:** Graduate  
**Schedule types:** Independent Study  
**Department/School:** Computer Science



**CS 6600 Advanced Topics in Analysis of Algorithms****Prerequisites:** CS 5413 with a grade of "C" or better.**Description:** Analysis of various algorithms. Sorting, searching, computational complexity, lower bounds for algorithms; NP-hard and NP-complete problems; parallel algorithms; proof of correctness of algorithms. May be repeated with change of topics. Offered for variable credit, 2-6 credit hours, maximum of 12 credit hours.**Credit hours:** 2-6**Contact hours:** Contact: 2-6 Other: 2-6**Levels:** Graduate**Schedule types:** Independent Study**Department/School:** Computer Science**CS 6620 Advanced Topics in Applied Algorithms****Prerequisites:** CS 4343 or CS 3353 with a grade of "C" or better, or consent of instructor.**Description:** Recent advances in the design and analysis of data structures and algorithms for real-world applications in diverse problem domains. Problem domain designated for the course will differ in each offering and with instructor's interests. Core topics include mathematical modeling of complex applied problems, and studies of relevant fundamental algorithmic techniques and their experimental analysis on real datasets. Offered for 3 fixed credit hours, maximum of 6 credit hours.**Credit hours:** 3**Contact hours:** Lecture: 3 Contact: 3**Levels:** Graduate**Schedule types:** Lecture**Department/School:** Computer Science**CS 6623 Algebraic Structures of Formal Grammars****Prerequisites:** CS 5313 and CS 5653; all with a grade of "C" or better.**Description:** Context-free languages, Kleene languages, Dyck languages, context-sensitive languages; use of algebraic systems to define languages; linear bounded automata.**Credit hours:** 3**Contact hours:** Contact: 3 Other: 3**Levels:** Graduate**Schedule types:** Independent Study**Department/School:** Computer Science**CS 6700 Advanced Topics in Artificial Intelligence****Prerequisites:** CS 5793 with a grade of "C" or better, or consent of instructor.**Description:** Machine learning; computer perception and robotics; logic programming; natural language understanding; intelligent agents; medical informatics. May be repeated with change of topics. Offered for variable credit, 2-6 credit hours, maximum of 12 credit hours.**Credit hours:** 2-6**Contact hours:** Contact: 2-6 Other: 2-6**Levels:** Graduate**Schedule types:** Independent Study**Department/School:** Computer Science**CS 6800 Advanced Topics in Computing Networks****Prerequisites:** CS 5283 with a grade of "C" or better; Graduate standing in Computer Science; consent of instructor.**Description:** Large scale embedded networks, deep-space networking, ubiquitous computing, optical networking, Next Generation Internet. May be repeated with change of topics. Offered for variable credit, 2-12 credit hours, maximum of 12 credit hours.**Credit hours:** 2-12**Contact hours:** Lecture: 2-12 Contact: 2-12**Levels:** Graduate**Schedule types:** Lecture**Department/School:** Computer Science

## Undergraduate Programs

- Computer Science, BS (p. 1097)

### 1) Program Educational Objectives

The graduates of the Bachelor of Science program in Department of Computer Science will:

- Design and implement computing solutions for practical problems posed by employers in industry, government and the nonprofit sector.
- Exhibit effective communication skills and teamwork.
- Achieve leadership roles and maintain high standards of professional ethics.
- Pursue graduate studies or employment in industries in computer science and other fields.

### 2) Student Outcomes

The student outcomes for the BS degree program listed below help in achieving the Program Educational Objectives.

- Analyze a complex computing problem and apply principles of computing and other relevant disciplines to identify solutions.
- Design, implement, and evaluate a computing-based solution to meet a given set of computing requirements in the context of the program's discipline.
- Communicate effectively in a variety of professional contexts.
- Recognize professional responsibilities and make informed judgments in computing practice based on legal and ethical principles.
- Function effectively as a member or leader of a team engaged in activities appropriate to the program's discipline.
- Apply computer science theory and software development fundamentals to produce computing-based solutions.

## Graduate Programs MS and PhD Programs

The department offers degree programs in the Master of Science degree and the Doctor of Philosophy degree. These programs are designed to prepare an individual to pursue a career in either an academic or an industrial setting. In addition to taking a prescribed set of core courses, a student must take sufficient courses in one specialized area. A student must complete a dissertation for a PhD degree. The MS degree program provides a thesis option and a non-thesis option. The non-thesis option requires a student to complete a report.

The core course requirement assures the student of breadth of knowledge in computer science; the freedom to choose an area and additional research provides the student enough depth in some facets of computer science to carry out independent investigations in those areas, and to put concepts and ideas learned to practical use.

For a master's degree in the thesis option, 30 hours of graduate credit, including a six-credit-hour thesis, are required. For a master's degree in the non-thesis option, 33 hours of graduate credit, including a two-credit-hour report, are required. A master's degree student in thesis option is required to pass an oral examination over the thesis. Students pursuing non-thesis option are required to present their work during an end of semester poster session. Students' advisory committee members may ask questions during the poster session or at another scheduled presentation time.

For the PhD, 60 credit hours beyond a master's degree or 90 hours beyond a bachelor's degree are required. A dissertation of 15 to 40 hours (counting towards the maximum) is required. The PhD dissertation must describe original research. PhD students must pass (at an appropriate level) a diagnostic examination, a comprehensive examination, a qualifying examination and a final oral examination.

The candidate's baccalaureate degree need not be in computer science in order to enter the MS program. Students with degrees in other areas may be admitted provisionally and required to take specified prerequisite courses.

More information is available at [https://cas.okstate.edu/department\\_of\\_computer\\_science/students/graduate/index.html](https://cas.okstate.edu/department_of_computer_science/students/graduate/index.html) ([https://cas.okstate.edu/department\\_of\\_computer\\_science/students/graduate/](https://cas.okstate.edu/department_of_computer_science/students/graduate/)).

## Graduate Certificate Program in Big Data Analytics

The goal of the big data analytics program is to facilitate the capture, curation, storage, search, transfer, and analysis of large and complex data sets that have direct relevance to everyday situations and problems. The program covers core topics such as big data management, machine learning/data analytics and statistics.

The graduate certificate in Big Data Analytics may be completed in conjunction with the master's degree in Computer Science without enrolling for extra hours. To see required courses for this program, please go to: <https://cs.okstate.edu/bigdatacert.html>. (<https://cs.okstate.edu/bigdatacert.html>)

## Minors

- Applied Computer Programming (APCP), Minor (p. 1094)
- Computer Science (CS), Minor (p. 1096)

## Faculty

Blayne E. Mayfield, PhD—Professor and Interim Head

**Professors:** J. Cecil, PhD; K.M. George, PhD; Johnson Thomas, PhD

**Associate Professors:** Christopher Crick, PhD; H.K. Dai, PhD; Douglas R. Heisterkamp, PhD; Nohpill Park, PhD

**Assistant Professors:** Sathyanarayanan Aakur, PhD; Arunkumar Bagavathi, PhD; Rittika Shamsuddin, PhD

**Teaching Assistant Professors:** Sadiq Al Buhamood, PhD; Sachin Jain, PhD; Shital Joshi, PhD; Vishalini Ramnath, PhD

**Visiting Assistant Professors:** Rehka Bhowmik, PhD

## Applied Computer Programming (APCP), Minor

For additional information on requirements on minors, click here (<https://adminfinance.okstate.edu/site-files/documents/policies/requirements-for-undergraduate-and-graduate-minors.pdf>).

**Requirements for Students Matriculating in or before Academic Year 2022-2023.** Learn more about University Academic Regulation 3.1 (p. 943).

**Minimum grade and/or GPA:** Minimum grade of "C" and 2.0 GPA.

**Total Hours:** 18

Code	Title	Hours
<b>Required Courses</b>		
CS 1113	Computer Science I (A) <sup>1</sup>	3
MATH 1513	College Algebra (A) (or higher) <sup>1</sup>	3
Select six hours from CS courses (except CS 1003 and CS 4883).		6
Select six hours from the following:		6
CS courses, except CS 1003 and CS 4883		
ENGR 1412	Introductory Engineering Computer Programming	
MSIS 2103	Business Data Science Technologies	
MSIS 2203	Computer Programming for Business	
MSIS 3103	End User Database Systems Design and Management	
MSIS 3163	Web Design Essentials	
MSIS 3203	Advanced Computer Programming for Business	
MSIS 3333	Database Systems Development	
MSIS 3393	Advanced Spreadsheet Modeling and Programming	
MSIS 4713	Scripting Essentials	
<b>Total Hours</b>		<b>18</b>

1

College Algebra is a prerequisite to CS 1113.

## Additional OSU Requirements Undergraduate Minors

- An undergraduate minor must include between fifteen and thirty hours, inclusive of undergraduate coursework.
- A minimum of six credit hours for the minor must be earned in residence at OSU.
- The courses required for a minor may be included in the course requirements for any undergraduate degree or they may be in addition to degree requirements, depending on the overlap between the minor and degree requirements. However, an undergraduate minor must be earned in an academic field other than the student's declared degree option. The minor may not duplicate the degree major or option (for example, a student who earns a BA in Art with an Art History option may earn a minor in Studio Art but not Art History).
- A student generally follows the minor requirements associated with his or her matriculation year or newer requirements that have been established since matriculation. The time limit for following requirements from a given academic year is six years.

# Applied Computer Programming, BS

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**Requirements for Students Matriculating in or before Academic Year 2022-2023.** Learn more about University Academic Regulation 3.1 (p. 943).

**Minimum Overall Grade Point Average:**

**Total Hours:**

Code	Title	Hours
Courses go here		

## Additional State/OSU Requirements

- At least: 60 hours at a four-year institution; 30 hours completed at OSU; 15 of the final 30 or 50% of the upper-division hours in the major field completed at OSU.
- Limit of: one-half of major course requirements as transfer work; one-fourth of hours earned by correspondence; 8 transfer correspondence hours.
- Students will be held responsible for degree requirements in effect at the time of matriculation and any changes that are made, so long as these changes do not result in semester credit hours being added or do not delay graduation.
- Degrees that follow this plan must be completed by the end of Summer 2028.

## Computer Science (CS), Minor

**Requirements for Students Matriculating in or before Academic Year 2022-2023.** Learn more about University Academic Regulation 3.1 (p. 943).

Cara Brun, 213 LSE, 405-744-5658

**Total Hours:** 21

Code	Title	Hours
<b>Minor Requirements</b>		
9 hours of the following:		9
CS 1113	Computer Science I (A) (was CS 2113)	
CS 2133	Computer Science II	
CS 3443	Computer Systems	
	or ECEN 3213 Computer Based Systems in Engineering	
Select 12 hours from CS 2433 or CS 3000-level or CS 4000-level courses.		12
<b>Total Hours</b>		<b>21</b>

### Other Requirements

- One course must be 4000 level.
- No more than two courses can be transferred from another college or university.
- No grade below a "C."

### Additional OSU Requirements

#### Undergraduate Minors

- An undergraduate minor must include between fifteen and thirty hours, inclusive of undergraduate coursework.
- A minimum of six credit hours for the minor must be earned in residence at OSU.
- The courses required for a minor may be included in the course requirements for any undergraduate degree or they may be in addition to degree requirements, depending on the overlap between the minor and degree requirements. However, an undergraduate minor must be earned in an academic field other than the student's declared degree option. The minor may not duplicate the degree major or option (for example, a student who earns a BA in Art with an Art History option may earn a minor in Studio Art but not Art History).
- A student generally follows the minor requirements associated with his or her matriculation year or newer requirements that have been established since matriculation. The time limit for following requirements from a given academic year is six years.

For additional information on requirements on minors, click here (<https://adminfinance.okstate.edu/site-files/documents/policies/requirements-for-undergraduate-and-graduate-minors.pdf>).

# Computer Science, BS

## Degree Requirements

**Requirements for Students Matriculating in or before Academic Year 2022-2023.** Learn more about University Academic Regulation 3.1 (p. 943).

**Minimum Overall Grade Point Average:** 2.00

**Total Hours:** 120

Code	Title	Hours
<b>General Education Requirements</b>		
<i>English Composition</i>		
See Academic Regulation 3.5 (p. 944)		
ENGL 1113	Composition I	3
or ENGL 1313	Critical Analysis and Writing I	
Select one of the following:		3
ENGL 1213	Composition II	
ENGL 1413	Critical Analysis and Writing II	
ENGL 3323	Technical Writing	
<i>American History &amp; Government</i>		
HIST 1103	Survey of American History	3
or HIST 1483	American History to 1865 (H)	
or HIST 1493	American History Since 1865 (DH)	
POLS 1113	American Government	3
<i>Analytical &amp; Quantitative Thought (A)</i>		
CS 1113	Computer Science I (A)	3
MATH 2144	Calculus I (A)	4
<i>Humanities (H)</i>		
Courses designated (H)		6
<i>Natural Sciences (N)</i>		
Must include one Laboratory Science (L) course.		
Courses designated (N)		6
<i>Social &amp; Behavioral Sciences (S)</i>		
SPCH 2713	Introduction to Speech Communication (S)	3
<i>Additional General Education</i>		
Courses designated (A), (H), (N), or (S)		6
<b>Hours Subtotal</b>		<b>40</b>
<b>Diversity (D) &amp; International Dimension (I)</b>		
May be completed in any part of the degree plan		
Select at least one Diversity (D) course		
Select at least one International Dimension (I) course		
<b>College/Departmental Requirements</b>		
<i>First Year Seminar</i>		
(Transfer students with 15 hours exempt)		1
<i>Arts &amp; Humanities</i>		
See note 2.a.		3
<i>Natural &amp; Mathematical Sciences</i>		
CS 2133	Computer Science II	3
MATH 2153	Calculus II (A)	3
STAT 4033	Engineering Statistics	3
<i>Foreign Languages</i>		
See note 3		

0-6 hours		
<i>Upper Division General Education</i>		
Select 6 hours outside major department (see note 2.c.)		
<b>Hours Subtotal</b>		<b>13</b>
<b>Major Requirements</b>		
Minimum major GPA 2.50 with a minimum grade of "C" in each course and all MATH and CS courses		
CS 3353	Data Structures and Algorithm Analysis I	3
CS 3363	Organization of Programming Languages	3
CS 3443	Computer Systems	3
CS 3513	Numerical Methods for Digital Computers	3
CS 3613	Theoretical Foundations of Computing	3
CS 3653	Discrete Mathematics for Computer Science	3
CS 4243	Introduction to Computer Security	3
CS 4323	Design and Implementation of Operating Systems I	3
CS 4883	Social Issues in Computing	3
CS 4983	Senior Capstone Project	3
MATH 2163	Calculus III	3
MATH 3013	Linear Algebra (A)	3
Select one of the following:		3
ENGL 3323	Technical Writing	
BCOM 3113	Written Communication	
BCOM 3223	Oral Communication	
SPCH 3723	Business and Professional Communication	
<i>CS electives</i>		
Select 12 hours CS electives (upper-division courses and CS 2433 and excluding CS 4113)		12
Select 6 hours in the following areas:		6
Computer Science (upper-division courses and CS 2433 and excluding CS 4113)		
Engineering (upper-division courses)		
Geography (GEOG 3333, GEOG 4303, GEOG 4323, GEOG 4333, GEOG 4343, GEOG 4353, GEOG 4383)		
Management Science and Information Systems (upper-division courses)		
Mathematics (upper-division courses and MATH 2233 and excluding MATH 3303, MATH 3403, and MATH 3603)		
Natural Sciences (upper-division courses with natural science designation or upper-division courses in BIOC, BIOL, CHEM, GEOL, MICR, PBIO, PHYS)		
Statistics (upper-division courses)		
<b>Hours Subtotal</b>		<b>57</b>
<b>Electives</b>		
Select 10 hours of electives		10
May need to include 6 hours of a foreign language. See note 3		
May need to include 6 hours upper-division general education outside major department (see note 2.c.)		
May need to include MATH 1513 and/or MATH 1813 if student does not place into MATH 2144.		
<b>Hours Subtotal</b>		<b>10</b>
<b>Total Hours</b>		<b>120</b>



## CS Electives

Code	Title	Hours
CS 2433	C/C++ Programming	3
CS 3030	Industrial Practice in Computer Science	1-6
CS 3570	Special Problems in Computer Science	1-6
CS 4143	Computer Graphics	3
CS 4153	Mobile Applications Development	3
CS 4173	Video Game Development	3
CS 4183	Video Game Design	3
CS 4273	Software Engineering	3
CS 4283	Computer Networks	3
CS 4373	Agile Software Development	3
CS 4433	Introduction to Database Systems	3
CS 4513	Introduction to Numerical Analysis	3
CS 4523	Cloud Computing and Distributed Systems	3
CS 4570	Special Topics in Computing	1-3
CS 4623	Introduction to Cyber Physical Systems	3
CS 4743	Extended Reality	3
CS 4783	Machine Learning	3
CS 4793	Artificial Intelligence I	3
CS 4993	Senior Honors Project	3

## Other Requirements

- See the College of Arts and Sciences Requirements.
- **Upper-Division Credit:** Total hours must include at least 40 hours in courses numbered 3000 or above.
- **Hours in One Department:** For B.A. and B.S. degrees, no more than 54 hours in one department may be applied to degree requirements.

## College of Arts and Sciences Requirements

### 1. General Education Requirements

No more than two courses (or eight hours) from the major department (<http://catalog.okstate.edu/college-arts-sciences-major-departments/>) may be used to meet General Education and College and Departmental Requirements. The General Education required English Composition, required U.S. History, required American Government, one required MATH or STAT course, and required foreign language for B.A. degrees do not count against the two-course maximum.

### 2. A&S College/Departmental Requirements

- Arts and Humanities are defined as any course carrying an (H) designation or courses from AMST, ART, DANC, ENGL (except ENGL 3323 Technical Writing) HIST, MUSI, PHIL (except PHIL 1313 Logic and Critical Thinking (A), PHIL 3003 Symbolic Logic (A) and PHIL 4003 Mathematical Logic and Computability), REL, TH, and foreign languages.
- Natural and Mathematical Sciences are defined as any course from the following prefixes: ASTR, BIOC, BIOL, CHEM, CS (except CS 4883 Social Issues in Computing), GEOL, MATH, MICR, PBIO, PHYS, and STAT; or courses from other departments that carry an (A) or (N) general education designation.
- The required six hours of upper-division General Education may not include courses from the student's major department. This requirement may be satisfied by courses also used to satisfy any

part of a student's degree program (i.e., in General Education, College Departmental Requirements, Major Requirements or Electives).

- Non-Western Studies Requirement for B.A. and B.F.A.; One 3-hour course in Non-Western Studies (N.W.). This requirement may be satisfied by courses also used to satisfy any part of a student's degree program (i.e., in General Education, College Departmental Requirements, Major Requirements or Electives).
  - The College of Arts & Sciences requires a minimum 2.0 GPA in all major requirements and a minimum 2.0 GPA in all major-prefix courses applied to the degree.
- ### 3. Foreign Language Proficiency
- The foreign language requirement for the B.A. may be satisfied by 9 hours college credit in the same language, which must include 3 hours at the 2000-level, or equivalent proficiency (e.g., passing an advanced standing examination; TOEFL exam; presenting a high school transcript which demonstrates the high school was primarily conducted in a language other than English; etc.). Computer Science courses may not be used to satisfy this requirement. Currently Arabic and Mvskoke are not offered at the 2000-level at OSU.
  - The foreign language requirement for the B.S., B.M. and B.F.A. may be satisfied by presenting a high school transcript which demonstrates two years of study of a single foreign language (passing grades at second-year level of study). It may also be satisfied by 6 hours college credit in the same language, which must include language courses 1713 and 1813, or equivalent proficiency (e.g., passing an advanced standing examination; TOEFL exam; presenting a high school transcript which demonstrates the high school was primarily conducted in a language other than English; etc.). Computer Science courses may not be used to satisfy this requirement.
  - In addition to a. and b., students pursuing teacher certification must meet novice-high foreign language proficiency by presenting a high school transcript which demonstrates two years of study of a single foreign language with no grade below B. Or, students may complete 3 hours college credit in a single language with no grade below C (or pass an advanced standing examination, College Level Examination Program (CLEP) exam, or Oral Proficiency Interview developed by the American Council on the Teaching of Foreign Languages, equivalent to 3 hours of college credit.) Or, students may meet the requirement by transfer of documentation of meeting the foreign language competency from one of the teacher education programs in the State of Oklahoma approved by the Oklahoma State Regents for Higher Education.
- ### 4. Exclusions
- Courses used to satisfy the General Education English Composition, U.S. History, American Government, and Mathematics or Statistics requirements will not count toward the 54-hour maximum allowed from one department.
  - Courses with ATHL or LEIS prefixes and leisure activity courses may not be used for degree credit.

## Additional State/OSU Requirements

- At least: 60 hours at a four-year institution; 30 hours completed at OSU; 15 of the final 30 or 50% of the upper-division hours in the major field completed at OSU.

- Limit of: one-half of major course requirements as transfer work; one-fourth of hours earned by correspondence; 8 transfer correspondence hours.
- Students will be held responsible for degree requirements in effect at the time of matriculation and any changes that are made, so long as these changes do not result in semester credit hours being added or do not delay graduation.
- Degrees that follow this plan must be completed by the end of Summer 2028.

Major, College, and Elective courses		6
<b>Hours</b>		<b>15</b>
<b>Spring</b>		
CS 4323	Design and Implementation of Operating Systems I	3
CS 4883	Social Issues in Computing	3
CS 4983	Senior Capstone Project	3
3 hours Upper-Division CS Elective		3
Major, College, and Elective courses		3
<b>Hours</b>		<b>15</b>
<b>Total Hours</b>		<b>120</b>

1

Speak with academic advisor about saving General Education electives and Humanities (H) for Upper-division courses with International (I) and Diversity (D) dimensions.

## Example Plan of Study Finish in Four Plan of Study

The plan below is an example of how students can successfully complete degree requirements in four years. This suggested class schedule plan may be used as a guide and can be adjusted based on individual needs. Students are required to meet with an academic advisor prior to enrollment each semester to plan their class schedule, and students are ultimately responsible for completing all degree requirements.

Course	Title	Hours
<b>Freshman</b>		
<b>Fall</b>		
MATH 2144	Calculus I (A)	4
CS 1113	Computer Science I (A)	3
General Education courses		8
<b>Hours</b>		<b>15</b>
<b>Spring</b>		
MATH 2153	Calculus II (A)	3
CS 2133	Computer Science II	3
General Education courses		9
<b>Hours</b>		<b>15</b>
<b>Sophomore</b>		
<b>Fall</b>		
CS 2433	C/C++ Programming	3
CS 3653	Discrete Mathematics for Computer Science	3
MATH 2163	Calculus III	3
General Education courses		6
<b>Hours</b>		<b>15</b>
<b>Spring</b>		
CS 3353	Data Structures and Algorithm Analysis I	3
CS 3443	Computer Systems	3
MATH 3013	Linear Algebra (A)	3
Major, College, and Elective courses		6
<b>Hours</b>		<b>15</b>
<b>Junior</b>		
<b>Fall</b>		
CS 4243	Introduction to Computer Security	3
STAT 4033	Engineering Statistics	3
Major, College, and Elective courses		9
<b>Hours</b>		<b>15</b>
<b>Spring</b>		
CS 3613	Theoretical Foundations of Computing	3
3 hours Upper-Division CS Elective		3
Major, College, and Elective courses		9
<b>Hours</b>		<b>15</b>
<b>Senior</b>		
<b>Fall</b>		
CS 3363	Organization of Programming Languages	3
CS 3513	Numerical Methods for Digital Computers	3
3 hours Upper-Division CS Elective		3

## Departments of Military Studies

In agreement with the U.S. Air Force and the U.S. Army, OSU recognizes separate departments of Aerospace Studies and of Military Science as integral academic and administrative departments of the University. These two departments are administered within the framework of the College of Arts and Sciences. The two departments provide instruction under the basic and advanced Reserve Officers' Training Corps (ROTC) programs.

### Scholarships

The Army and Air Force ROTC programs offer a wide variety of four-, three- and two-year merit-based scholarship opportunities to qualified students interested in pursuing a commission in the Army or Air Force. ROTC scholarships provide payment for tuition, mandatory fees, books and a monthly subsistence allowance for the duration of the scholarship period. An additional university-based incentive scholarship of \$1,000.00 per semester is allocated to 10 ROTC scholarship recipients annually. Four-year National ROTC scholarships are offered annually to high school seniors, who will be entering college in the fall semester. Scholarship applications may be obtained through local high schools, online or by contacting the University's ROTC department. In addition, the Army ROTC Program offers four- and three-year Guaranteed Reserve Force Duty Scholarships annually to students interested in pursuing a commission as an officer in the Army National Guard or United States Army Reserve.

### Flexibility

ROTC at OSU offers a variety of programs, giving the student considerable flexibility in charting a path to commissioning in the Army or the Air Force. Programs are designed so those individuals in all OSU colleges, departments and majors can tailor their academic/ROTC curriculum in order to attain commissioned status. Opportunities also exist in both Army and Air Force ROTC for the student to "test the water" early in his or her academic program by participating in basic familiarization courses. Those interested in learning more about ROTC at OSU, or in enrolling, are urged to contact the professor of aerospace studies or professor of military science in Thatcher Hall on campus.

### Courses

#### MLSC 1113 Foundations of Officership

**Description:** Lecture: Team study and activities in basic drill, physical fitness, rappelling, leadership reaction course, first aid, presentations and basic marksmanship. Fundamentals of leadership. Optional weekend exercise. Lab: Learning and practicing basic skills such as rappelling, drill and ceremony, land navigation, individual first aid, individual training in small unit tactics. Previously offered as MLSC 1112.

**Credit hours:** 3

**Contact hours:** Lecture: 2 Lab: 2 Contact: 4

**Levels:** Undergraduate

**Schedule types:** Lab, Lecture, Combined lecture and lab

**Department/School:** Military Science

#### MLSC 1213 Basic Leadership

**Description:** Lecture: Principles of effective leading, communication skills and organizational ethical values. Optional weekend exercise. Lab: Learning and practicing basic skills such as rappelling, drill and ceremony, land navigation, individual first aid, individual training in small unit tactics. Previously offered as MLSC 1212.

**Credit hours:** 3

**Contact hours:** Lecture: 2 Lab: 2 Contact: 4

**Levels:** Undergraduate

**Schedule types:** Lab, Lecture, Combined lecture and lab

**Department/School:** Military Science

#### MLSC 2122 Leader's Training Course

**Prerequisites:** Must meet with Department head and have their approval.

**Description:** For students who have not completed all of basic ROTC. A four-week summer camp similar to Army Basic Training. No military obligation incurred. Completion of MLSC 2122 qualifies a student for entry into the Advanced Course.

**Credit hours:** 2

**Contact hours:** Lab: 4 Contact: 4

**Levels:** Undergraduate

**Schedule types:** Lab

**Department/School:** Military Science

#### MLSC 2130 Military Physical Conditioning

**Prerequisites:** Must be enrolled in a MLSC lecture class: MLSC 1213, or MLSC 1113, or MLSC 2233, or MLSC 2313, or MLSC 3113, or MLSC 3223, or MLSC 4123, or MLSC 4223.

**Description:** Participation in and learning to plan and lead a physical fitness program. Development of an individual fitness program and the role of exercise and fitness in person's life. Offered for 1 hour fixed credit. Maximum of 2 credit hours.

**Credit hours:** 1

**Contact hours:** Lab: 2 Contact: 2

**Levels:** Undergraduate

**Schedule types:** Lab

**Department/School:** Military Science

#### MLSC 2233 Individual Leadership Studies

**Description:** Ethics-based leadership skills that develop individual abilities and contribute to the building of effective teams. Skills in oral presentation, writing, planning, coordinating groups, land navigation and basic military tactics.

**Credit hours:** 3

**Contact hours:** Lecture: 2 Lab: 2 Contact: 4

**Levels:** Undergraduate

**Schedule types:** Lab, Lecture, Combined lecture and lab

**Department/School:** Military Science

#### MLSC 2313 Leadership and Teamwork

**Prerequisites:** MLSC 2233.

**Description:** Individual and team aspects of military tactics in small unit operations. Safety assessment, movement techniques, planning for team safety and security and methods of pre-execution checks. Training techniques for continued leadership development.

**Credit hours:** 3

**Contact hours:** Lecture: 2 Lab: 2 Contact: 4

**Levels:** Undergraduate

**Schedule types:** Lab, Lecture, Combined lecture and lab

**Department/School:** Military Science

**MLSC 3113 Leadership and Problem Solving**

**Prerequisites:** Completion of lower-division MLSC or equivalent, and approval of professor of military science.

**Description:** Practical opportunities to lead small groups in situations of increasing complexity receiving personal assessments and encouragement. Use of small unit defensive tactics and opportunities to plan and conduct training for lower-division students both to develop such skills and as vehicles for practicing leading.

**Credit hours:** 3

**Contact hours:** Lecture: 2 Lab: 2 Contact: 4

**Levels:** Undergraduate

**Schedule types:** Lab, Lecture, Combined lecture and lab

**Department/School:** Military Science

**MLSC 3223 Leadership and Ethics**

**Prerequisites:** MLSC 3113.

**Description:** Analysis of tasks; preparation of written or oral guidance for team members to accomplish tasks. Delegating tasks and supervising. Planning and adapting to the unexpected in organizations under stress. Examination and application of lessons from leadership case studies. Examination of importance of ethical decision-making in setting a positive climate that enhances team performance.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Military Science

**MLSC 4014 Leader Development and Assessment Course**

**Prerequisites:** Must meet with Department Head and have their approval.

**Description:** A five-week camp conducted at an Army post. Individual leadership and basic skills performance.

**Credit hours:** 4

**Contact hours:** Lab: 8 Contact: 8

**Levels:** Undergraduate

**Schedule types:** Lab

**Department/School:** Military Science

**MLSC 4123 Leadership and Management**

**Prerequisites:** MLSC 3113 and MLSC 3223.

**Description:** Planning conducting and evaluating activities of the ROTC cadet organization. Articulating goals, putting plans into action to attain them. Assessing organizational cohesion and developing strategies to improve it. Developing confidence in skills to lead people and manage resources.

**Credit hours:** 3

**Contact hours:** Lecture: 2 Lab: 2 Contact: 4

**Levels:** Undergraduate

**Schedule types:** Lab, Lecture, Combined lecture and lab

**Department/School:** Military Science

**MLSC 4223 Officership**

**Prerequisites:** MLSC 3113 and MLSC 3223.

**Description:** Continuation of the methodology from MLSC 4123. Identification and resolution of ethical dilemmas. Refining counseling and motivating techniques. Examination of aspects of tradition and law as related to leading as an officer in the Army.

**Credit hours:** 3

**Contact hours:** Lecture: 2 Lab: 2 Contact: 4

**Levels:** Undergraduate

**Schedule types:** Lab, Lecture, Combined lecture and lab

**Department/School:** Military Science

**MLSC 4422 The Tactical Planning Process**

**Prerequisites:** ROTC advanced course status or consent of department head.

**Description:** The tactical planning process and its components. Computer tactical simulations used to organize and synchronize the process.

**Credit hours:** 2

**Contact hours:** Lecture: 2 Contact: 2

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Military Science

**Faculty**

Glenn S. Krutz, PhD—Coordinator

## Economics

See "Economics (p. 2602)" in the "Spears School of Business" section for additional information.

Economics is a science of human choice. The study of economics centers on what motivates us to act and, more importantly, the consequences to ourselves and to others of our actions. It provides a comprehensive view of how a society is organized to transform its limited resources into want-satisfying goods and services. It investigates the principles underlying the operation of the economic system and seeks to determine its weaknesses and to prescribe policies that will improve its operation. In the process, economic principles are used to address a host of the most important problems confronting contemporary society—the causes of and remedies for depression and inflation, the determinants of and methods for improving income distribution, poverty problems and welfare measures, the role of the government in economic activity, the requisites for economic growth and development, pollution and congestion and their control.

The primary objectives sought in the undergraduate curriculum are to develop a broad understanding and perspective of the economic aspects of people's activities, coupled with thorough training in the fundamental tools of economic analyses. Toward these ends is the development of elementary mathematical and statistical skills and complementary study in the social and behavioral sciences.

A major in economics prepares students for positions with business firms, non-profit private organizations and government agencies—both national and international. It provides an excellent background for the study of law. An international economic relations option is also offered. A degree option in business economics and quantitative studies is offered through the Spears School of Business to provide additional training in analytical methods and communication skills for both public and private sector occupations. A student interested in pursuing graduate studies in Economics should include a wide range of math courses in their undergraduate curriculum.

## Courses

### ECON 1113 The Economics of Social Issues (S)

**Description:** Issues-oriented approach. Basic economic principles introduced and developed through study of important social issues: for example, inflation, unemployment, poverty, discrimination, crime, population growth and environmental quality. Develops the economist's approach to social problems, and evaluates the contribution of economics to their solution. May not be used for degree credit with ECON 2003 or ECON 2103. No general education credit for students also taking AGECE 1113.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Economics&Legal Studie

**General Education and other Course Attributes:** Social & Behavioral Sciences

### ECON 2003 Microeconomic Principles for Business

**Description:** Goals, incentives and outcomes of economic behavior with applications and illustrations relevant to business: operation of markets for goods, services and factors of production; the behavior of firms and industries for different types of competition; and international exchange. May not be used for degree credit with ECON 1113 or ECON 2103.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Economics&Legal Studie

### ECON 2103 Introduction to Microeconomics (S)

**Description:** Goals, incentives and outcomes of economic behavior with applications and illustrations from current social issues: operation of markets for goods, services and factors of production; the behavior of firms and industries in different types of competition; income distribution; and international exchange. May not be used for degree credit with ECON 1113 or ECON 2003. No general education credit for students also taking AGECE 1113. Previously offered as ECON 2023.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Economics&Legal Studie

**General Education and other Course Attributes:** Social & Behavioral Sciences

### ECON 2203 Introduction to Macroeconomics

**Prerequisites:** ECON 2103 or ECON 1113 or AGECE 1113 or ECON 2003.

**Description:** The functioning and current problems of the aggregate economy: determination and analysis of national income, employment, inflation and stabilization; monetary and fiscal policy; and aspects of international interdependence. Previously offered as ECON 2013.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Economics&Legal Studie

### ECON 3010 Special Topics in Economics

**Prerequisites:** ECON 2203, prior approval of instructor.

**Description:** Analysis of a contemporary topic in economics. Course content will vary to reflect changing social issues and trends in applied economics. Offered for variable credit, 1-3 credit hours, maximum of 9 credit hours.

**Credit hours:** 1-3

**Contact hours:** Contact: 1-3 Other: 1-3

**Levels:** Undergraduate

**Schedule types:** Independent Study

**Department/School:** Economics&Legal Studie

### ECON 3023 Managerial Economics

**Prerequisites:** ECON 2103 or AGECE 1113 or ECON 2003.

**Description:** Application of economic theory and methodology to decision problems of private industry, nonprofit institutions and government agencies; demand and cost analysis, forecasting, pricing and investment.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Economics&Legal Studie



**ECON 3033 Economics of Entrepreneurship and Innovation****Prerequisites:** 3 credit hours in Economics.**Description:** Explores the process of economic innovation and entrepreneurship from both microeconomic and macroeconomic perspectives. Key topics include risk and uncertainty, the psychology of innovation, institutional change, product versus process innovation, the externality of innovation, innovation profit, innovation life cycle, innovation diffusion, and business cycle instability.**Credit hours:** 3**Contact hours:** Lecture: 3 Contact: 3**Levels:** Undergraduate**Schedule types:** Lecture**Department/School:** Economics&Legal Studie**ECON 3113 Intermediate Microeconomics****Prerequisites:** ECON 2103 or ECON 2003 and either MATH 2103 or MATH 2123 or MATH 2144.**Description:** How the market organizes economic activity and an evaluation of its performance. Principles of price theory developed and applied to the interactions of consumers, producers and resource owners in markets characterized by different degrees of competition.**Credit hours:** 3**Contact hours:** Lecture: 3 Contact: 3**Levels:** Undergraduate**Schedule types:** Lecture**Department/School:** Economics&Legal Studie**ECON 3123 Intermediate Macroeconomics****Prerequisites:** ECON 2203 and either MATH 2103 or MATH 2144.**Description:** Development of a theoretical framework for studying the determinants of national income, employment and general price level. National income accounting, consumption, investment, government spending and taxation, the supply of and demand for money. Monetary, fiscal and incomes policies considered with regard to unemployment, inflation and economic growth.**Credit hours:** 3**Contact hours:** Lecture: 3 Contact: 3**Levels:** Undergraduate**Schedule types:** Lecture**Department/School:** Economics&Legal Studie**ECON 3213 Game Theory and Experimental Economics****Prerequisites:** Three credit hours in economics.**Description:** The fundamentals of strategic actions presented in a game theory context and the validation of these ideas with economic experiments.**Credit hours:** 3**Contact hours:** Lecture: 3 Contact: 3**Levels:** Undergraduate**Schedule types:** Lecture**Department/School:** Economics&Legal Studie**ECON 3313 Money and Banking****Prerequisites:** ECON 2203.**Description:** The economics of money and banking. Operations of commercial banks and structure and competition of the banking industry. Organization and operation of the Federal Reserve System and its effects on interest rates, employment and prices. An introduction to monetary economics and international banking concludes the course.**Credit hours:** 3**Contact hours:** Lecture: 3 Contact: 3**Levels:** Undergraduate**Schedule types:** Lecture**Department/School:** Economics&Legal Studie**ECON 3423 Public Finance****Prerequisites:** ECON 2003 or ECON 2203.**Description:** The economics of the government sector. Scope of government activity, efficiency in government expenditures, federal budget, fiscal and debt management policy. Principles of taxation. Major tax sources, tax distribution, tax issues. Current public finance problems such as revenue sharing, negative income tax, urban transport systems and national health insurance.**Credit hours:** 3**Contact hours:** Lecture: 3 Contact: 3**Levels:** Undergraduate**Schedule types:** Lecture**Department/School:** Economics&Legal Studie**ECON 3513 Labor Economics****Prerequisites:** ECON 2003.**Description:** The economic analysis of labor markets. Topics include labor supply and demand, the impact of education and training, labor migration, the structure of wages, discrimination and labor unions.**Credit hours:** 3**Contact hours:** Lecture: 3 Contact: 3**Levels:** Undergraduate**Schedule types:** Lecture**Department/School:** Economics&Legal Studie**ECON 3613 International Economic Relations (IS)****Prerequisites:** ECON 2003 or ECON 2203.**Description:** International trade and finance; international economic organizations; the foreign economic policy of the U.S.**Credit hours:** 3**Contact hours:** Lecture: 3 Contact: 3**Levels:** Undergraduate**Schedule types:** Lecture**Department/School:** Economics&Legal Studie**General Education and other Course Attributes:** International Dimension, Social & Behavioral Sciences**ECON 3703 Introduction to Mathematical Economics****Prerequisites:** One from each of the following groups - MATH 1483 or MATH 1513; ECON 2003 or ECON 2103.**Description:** Essential mathematical knowledge suitable for economic analysis. Particular emphasis is on learning and using algebra and calculus based techniques as well as optimization theory for analyzing economic decisions. Topics covered include economic applications of basic algebra, calculus, matrix algebra, and etc.**Credit hours:** 3**Contact hours:** Lecture: 3 Contact: 3**Levels:** Undergraduate**Schedule types:** Lecture**Department/School:** Economics&Legal Studie**ECON 3713 Introduction to Industrial Organization****Prerequisites:** ECON 2003.**Description:** A branch of Microeconomics specializing in questions related to imperfect competition, effect of market structure on behavior of firms, monopoly power, anti-competitive practices and anti-trust issues. An introduction on strategic competition between firms, how this is related to market structure and market power.**Credit hours:** 3**Contact hours:** Lecture: 3 Contact: 3**Levels:** Undergraduate**Schedule types:** Lecture**Department/School:** Economics&Legal Studie



**ECON 3723 The Economics of Sport****Prerequisites:** ECON 2103 or ECON 2003.**Description:** Using economic analysis to understand the world of professional and amateur sport. Emphasis will be on economic decision-making relevant to the teams, leagues and institutions in the world of sport.**Credit hours:** 3**Contact hours:** Lecture: 3 Contact: 3**Levels:** Undergraduate**Schedule types:** Lecture**Department/School:** Economics&Legal Studie**ECON 3823 American Economy: The Past and Present (S)****Description:** Economic development and economic forces in American history; emphasis upon industrialization and its impact upon our economic society since the Civil War.**Credit hours:** 3**Contact hours:** Lecture: 3 Contact: 3**Levels:** Undergraduate**Schedule types:** Lecture**Department/School:** Economics&Legal Studie**General Education and other Course Attributes:** Social & Behavioral Sciences**ECON 3903 Economics of the Environment****Prerequisites:** ECON 2103 or ECON 2003.**Description:** Economic and political factors that influence the formation and implementation of environmental policy. Environmental policy instruments such as pollution taxes, standards and marketable pollution permits are discussed. Measurement of environmental damages and risk are also considered.**Credit hours:** 3**Contact hours:** Lecture: 3 Contact: 3**Levels:** Undergraduate**Schedule types:** Lecture**Department/School:** Economics&Legal Studie**ECON 4113 Energy Economics: Traditional and Renewable Energy Markets****Prerequisites:** ECON 2103 or ECON 2003 and either MATH 2103 or MATH 2144.**Description:** This course examines economic theory, empirical perspectives, and the political economy of energy supply and demand. It discusses aspects of local, national and global markets for oil, natural gas, coal, electricity, nuclear power, and renewable energy. In the course, we will examine public policies affecting energy markets including taxes, price regulation, energy efficiency, and control of emissions. Same course as ECON 5733.**Credit hours:** 3**Contact hours:** Lecture: 3 Contact: 3**Levels:** Undergraduate**Schedule types:** Lecture**Department/School:** Economics&Legal Studie**ECON 4213 Econometric Methods****Prerequisites:** ECON 2003 or ECON 2203. STAT 2013 or STAT 2023 or STAT 2053.**Description:** Basic quantitative methods used in economic analysis emphasizing applications to economic problems and interpretation of empirical results. Statistical analyses, regression and forecasting techniques using computer programs.**Credit hours:** 3**Contact hours:** Lecture: 3 Contact: 3**Levels:** Undergraduate**Schedule types:** Lecture**Department/School:** Economics&Legal Studie**ECON 4223 Business and Economic Forecasting****Prerequisites:** ECON 2003 or ECON 2203. STAT 2013 or STAT 2023 or STAT 2053.**Description:** Forecasting business and economic variables. Regression models and time series models such as exponential smoothing models, seasonal models, and Box-Jenkins models. Evaluation of methods and forecasting accuracy. Application of methods using computer programs.**Credit hours:** 3**Contact hours:** Lecture: 3 Contact: 3**Levels:** Undergraduate**Schedule types:** Lecture**Department/School:** Economics&Legal Studie**ECON 4233 Econometric Applications****Prerequisites:** ECON 2203 and 3 hours of statistics.**Description:** Econometric applications and data analysis used to conduct economic research and policy analysis. Econometric methods include the basics of linear regression, hypothesis testing, panel data, differences-in-differences, instrumental variables, and quantile regression. The emphasis is on the development of intuition and application rather than econometric theory.**Credit hours:** 3**Contact hours:** Lecture: 3 Contact: 3**Levels:** Undergraduate**Schedule types:** Lecture**Department/School:** Economics&Legal Studie**ECON 4643 International Economic Development (IS)****Prerequisites:** ECON 2003.**Description:** Problems of underdeveloped economics related to the world economy; obstacles to economic growth and policies for promoting growth.**Credit hours:** 3**Contact hours:** Lecture: 3 Contact: 3**Levels:** Undergraduate**Schedule types:** Lecture**Department/School:** Economics&Legal Studie**General Education and other Course Attributes:** International Dimension, Social & Behavioral Sciences**ECON 4850 Applied Studies in Economics****Prerequisites:** 12 credit hours in economics and consent of instructor.**Description:** Structured internship or field project with supporting academic study. Offered for variable credit, 1-6 credit hours, maximum of 6 credit hours.**Credit hours:** 1-6**Contact hours:** Contact: 1-6 Other: 1-6**Levels:** Undergraduate**Schedule types:** Independent Study**Department/School:** Economics&Legal Studie

**ECON 4913 Urban and Regional Economics****Prerequisites:** ECON 2003 or ECON 2203.**Description:** Theoretical, historical, and empirical examination of the economic forces that shape growth, development, land use, and location decisions in towns, cities and regions. Presents economic explanation for several urban problems such as sprawl, segregation, crime, pollution, traffic congestion, and inadequate housing and education. The role of state and local governments in addressing these problems is discussed.**Credit hours:** 3**Contact hours:** Lecture: 3 Contact: 3**Levels:** Undergraduate**Schedule types:** Lecture**Department/School:** Economics&Legal Studie**ECON 4933 Applied Economics****Prerequisites:** ECON 3113 and ECON 3123 and 6 additional hours of upper-division economics.**Description:** Essential skills in applied economics, including data collection, economics analysis, and presentation of findings. Specific applications may come from international trade and finance, econometrics, energy economics, public finance, labor economics, economic history, regional economics, and development, etc.**Credit hours:** 3**Contact hours:** Lecture: 3 Contact: 3**Levels:** Undergraduate**Schedule types:** Lecture**Department/School:** Economics&Legal Studie**ECON 4993 Economics Honors Thesis****Prerequisites:** Departmental invitation, senior standing, Honors Program participation.**Description:** A guided reading and research program ending with an honors thesis under the direction of a faculty member, with second faculty reader and oral examination. Required for graduation with departmental honors in economics.**Credit hours:** 3**Contact hours:** Contact: 3 Other: 3**Levels:** Undergraduate**Schedule types:** Independent Study**Department/School:** Economics&Legal Studie**General Education and other Course Attributes:** Honors Credit**ECON 5000 Research and Thesis****Description:** Workshop for the exploration and development of research topics. Research leading to the master's thesis. Offered for variable credit, 1-6 credit hours, maximum of 6 credit hours.**Credit hours:** 1-6**Contact hours:** Contact: 1-6 Other: 1-6**Levels:** Graduate**Schedule types:** Independent Study**Department/School:** Economics&Legal Studie**ECON 5003 Research Report****Prerequisites:** Consent of committee chairperson.**Description:** Supervised research for MS report.**Credit hours:** 3**Contact hours:** Contact: 3 Other: 3**Levels:** Graduate**Schedule types:** Independent Study**Department/School:** Economics&Legal Studie**Additional Fees:** Business Graduate Program fee of \$6 per credit hour applies.**ECON 5010 Research and Independent Studies****Prerequisites:** Consent of departmental committee under a workshop arrangement or supervised independent studies.**Description:** Offered for variable credit, 1-6 credit hours, maximum of 10 credit hours.**Credit hours:** 1-3**Contact hours:** Contact: 1-3 Other: 1-3**Levels:** Graduate**Schedule types:** Independent Study**Department/School:** Economics&Legal Studie**Additional Fees:** Business Graduate Program fee of \$6 per credit hour applies.**ECON 5033 Macroeconomic Analysis****Prerequisites:** Three hours of economics or consent of instructor.**Description:** Study of the determinants of aggregate output, employment, price level, and interest rates, including international aspects. Monetary, fiscal, and exchange rate policies and impact on the macroeconomy and business environment.**Credit hours:** 3**Contact hours:** Lecture: 3 Contact: 3**Levels:** Graduate**Schedule types:** Lecture**Department/School:** Economics&Legal Studie**Additional Fees:** Business Graduate Program fee of \$6 per credit hour applies.**ECON 5043 Microeconomic Analysis****Prerequisites:** ECON 3113 and MATH 2144 or consent of instructor.**Description:** A calculus-based microeconomics course developing basic consumer, producer, and equilibrium models.**Credit hours:** 3**Contact hours:** Lecture: 3 Contact: 3**Levels:** Graduate**Schedule types:** Lecture**Department/School:** Economics&Legal Studie**Additional Fees:** Business Graduate Program fee of \$6 per credit hour applies.**ECON 5113 Managerial Economics****Prerequisites:** Admission to a SSB graduate program or consent of MBA director.**Description:** Economic theory applied to business decision-making. Concepts of microeconomics and macroeconomics related to understanding the economic system, analysis of policy, forecasting, and international economics. No credit for PhD students in economics.**Credit hours:** 3**Contact hours:** Lecture: 3 Contact: 3**Levels:** Graduate**Schedule types:** Lecture**Department/School:** Economics&Legal Studie**Additional Fees:** Business Graduate Program fee of \$6 per credit hour applies.

**ECON 5173 Energy Economics**

**Prerequisites:** ECON 5113 or ECON 2103 or equivalent.

**Description:** Develop tools necessary to examine energy markets from an economics perspective and discuss aspects of local, national and global markets for oil, natural gas, coal, electricity, and renewable energy. The course examines public policies affecting energy markets including taxes, regulation, energy efficiency and control of emissions.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Graduate

**Schedule types:** Lecture

**Department/School:** Economics&Legal Studie

**ECON 5213 Introduction to Econometrics**

**Prerequisites:** STAT 3013 or equivalent; consent of instructor.

**Description:** Introductory course in econometric regression analysis for first year graduate students in economics, business and agricultural economics. A review of basic probability and statistics, linear regression with one or more explanatory variables, binary dependent variables regression, instrumental variables regression, the use of panel data, and program evaluation. Assessment of the internal validity of estimated models.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Graduate

**Schedule types:** Lecture

**Department/School:** Economics&Legal Studie

**Additional Fees:** Business Graduate Program fee of \$6 per credit hour applies.

**ECON 5263 Introduction to Econometrics II**

**Prerequisites:** ECON 5213 or equivalent; consent of instructor.

**Description:** Introductory course in econometric regression analysis for first year graduate students in economics, business and agricultural economics. Topics include microeconomic applications using panel data, qualitative choice and limited dependent variable models. Also, includes applications in macroeconomics and financial economics using regression analysis.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Graduate

**Schedule types:** Lecture

**Department/School:** Economics&Legal Studie

**ECON 5353 Austrian Economics: Theory & History**

**Description:** Explore the Austrian school of economics, its origins, history and theory. Austrian economics views the market as a dynamic process with entrepreneurship as its driving force. In contrast to competing paradigms, the Austrian school consistently applies value subjectivity, acknowledges the highly heterogeneous nature of productive capital and relies primarily on a method that is specific for the social sciences. Same course as EEE 5103. May not be used for degree credit with EEE 4103 or ECON 4353.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Graduate

**Schedule types:** Lecture

**Department/School:** Economics&Legal Studie

**ECON 5603 Global Economics**

**Description:** This course presents an introduction to economic issues from a global perspective for the non-specialist. It emphasizes the problems and challenges the process of globalization poses to national economies. The first part of the course presents the main theories of international trade and their relevance to explaining current global trade patterns. The second part of the course examines the foreign exchange market and the process of exchange rate determination. It covers various international financial issues such as global current account imbalances, the role of the dollar in international financial markets and international currency crises. Same course as GS 5213.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Graduate

**Schedule types:** Lecture

**Department/School:** Economics&Legal Studie

**ECON 5733 Energy Economics: Traditional and Renewable Energy Markets**

**Prerequisites:** ECON 2103 or ECON 2003 and either MATH 2103 or MATH 2144.

**Description:** This course examines theory, empirical perspectives, and the political economy of energy supply and demand. It discusses aspects of local, national, and global markets for oil, natural gas, coal, electricity, nuclear power, and renewable energy. In the course, we will examine public policies affecting energy markets including taxes, price regulation, energy efficiency, and control of emissions. Same course as ECON 4113.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Graduate

**Schedule types:** Lecture

**Department/School:** Economics&Legal Studie

**ECON 6000 Research and Thesis**

**Prerequisites:** Approval of advisory committee.

**Description:** Workshop for the exploration and development of research topics. Research leading to the PhD dissertation. Offered for variable credit, 1-12 credit hours, maximum of 30 credit hours.

**Credit hours:** 1-12

**Contact hours:** Contact: 1-12 Other: 1-12

**Levels:** Graduate

**Schedule types:** Independent Study

**Department/School:** Economics&Legal Studie

**ECON 6010 Seminar in Economic Policy**

**Description:** Intensive analysis of selected problems in economic policy. Individual research, seminar reports and group discussion of reports. Offered for variable credit, 1-3 credit hours, maximum of 6 credit hours.

**Credit hours:** 1-6

**Contact hours:** Contact: 1-6 Other: 1-6

**Levels:** Graduate

**Schedule types:** Independent Study

**Department/School:** Economics&Legal Studie

**ECON 6013 Microeconomic Theory I**

**Prerequisites:** ECON 5223 or consent of instructor.

**Description:** Contemporary price and allocation theory with emphasis on comparative statics. Course previously offered as ECON 5123.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Graduate

**Schedule types:** Lecture

**Department/School:** Economics&Legal Studie

**ECON 6023 Microeconomic Theory II****Prerequisites:** ECON 6013.**Description:** Contemporary price and allocation theory with emphasis on general equilibrium analysis. Welfare economics. Course previously offered as ECON 6133.**Credit hours:** 3**Contact hours:** Lecture: 3 Contact: 3**Levels:** Graduate**Schedule types:** Lecture**Department/School:** Economics&Legal Studie**ECON 6033 Macroeconomic Theory I****Prerequisites:** ECON 5033 or consent of instructor.**Description:** National income, employment and the price level from the point of view of comparative statics. Course previously offered as ECON 5133.**Credit hours:** 3**Contact hours:** Lecture: 3 Contact: 3**Levels:** Graduate**Schedule types:** Lecture**Department/School:** Economics&Legal Studie**ECON 6043 Macroeconomic Theory II****Prerequisites:** ECON 6033.**Description:** National income, employment and the price level from the point of view of dynamics. Growth models. Previously offered as ECON 6143.**Credit hours:** 3**Contact hours:** Lecture: 3 Contact: 3**Levels:** Graduate**Schedule types:** Lecture**Department/School:** Economics&Legal Studie**ECON 6113 Seminar in Economic Theory****Description:** Microeconomics.**Credit hours:** 3**Contact hours:** Lecture: 3 Contact: 3**Levels:** Graduate**Schedule types:** Lecture**Department/School:** Economics&Legal Studie**ECON 6123 Seminar in Economic Theory****Description:** Macroeconomics.**Credit hours:** 3**Contact hours:** Lecture: 3 Contact: 3**Levels:** Graduate**Schedule types:** Lecture**Department/School:** Economics&Legal Studie**ECON 6213 Econometrics I****Prerequisites:** ECON 5213 or consent of instructor.**Description:** Theory and application of econometric theory to regression analysis. Topics include OLS, GLS, nonlinear least squares, and maximum likelihood estimation. Course previously offered as ECON 5243.**Credit hours:** 3**Contact hours:** Lecture: 3 Contact: 3**Levels:** Graduate**Schedule types:** Lecture**Department/School:** Economics&Legal Studie**ECON 6233 Time Series Econometrics****Prerequisites:** ECON 5243 or equivalent.**Description:** Advanced topics and fundamental elements in economic as well as financial time series models. Recently developed techniques with stationary and nonstationary time series, including Box-Jenkins and forecast methods, unit root, cointegration, error correction model, and VAR.**Credit hours:** 3**Contact hours:** Lecture: 3 Contact: 3**Levels:** Graduate**Schedule types:** Lecture**Department/School:** Economics&Legal Studie**ECON 6243 Econometrics II****Prerequisites:** ECON 6213.**Description:** Advanced econometric theory and microeconomic applications. Topics include instrumental variables estimation, generalized method-of-moments estimation, limited dependent variable models, regression analysis using cross-section survey and panel data, and program evaluation.**Credit hours:** 3**Contact hours:** Lecture: 3 Contact: 3**Levels:** Graduate**Schedule types:** Lecture**Department/School:** Economics&Legal Studie**ECON 6323 Mathematical Economics I****Prerequisites:** ECON 3113 and MATH 2163 or equivalent.**Description:** Mathematical concepts of single variable and multivariate calculus, topological properties of Euclidean space, convergence, linear algebra, optimization theory and the Kuhn-Tucker Theorem with applications from economic theory. Previously offered as ECON 5223.**Credit hours:** 3**Contact hours:** Lecture: 3 Contact: 3**Levels:** Graduate**Schedule types:** Lecture**Department/School:** Economics&Legal Studie**ECON 6613 International Finance****Prerequisites:** Permission of instructor.**Description:** Open economy macro-economics and the role of devaluation, fiscal and monetary policy in the open economy, monetary approach to the balance of payments, portfolio balance and asset market approaches to the determination of exchange rates. Course previously offered as ECON 5613.**Credit hours:** 3**Contact hours:** Lecture: 3 Contact: 3**Levels:** Graduate**Schedule types:** Lecture**Department/School:** Economics&Legal Studie**ECON 6623 Economic Development I****Prerequisites:** Permission of instructor.**Description:** Characteristics and problems of less-developed countries. Criteria of growth and development with emphasis on strategies for development. The role of capital, labor, technological progress and entrepreneurship. Growth models. Course previously offered as ECON 5623.**Credit hours:** 3**Contact hours:** Lecture: 3 Contact: 3**Levels:** Graduate**Schedule types:** Lecture**Department/School:** Economics&Legal Studie

**ECON 6633 International Trade****Prerequisites:** Permission of instructor.**Description:** International trade and commercial policy. Comparative advantage, general equilibrium and modern trade theories; welfare implications of international resource allocation models; the theory of protection and international interdependence. Course previously offered as ECON 5633.**Credit hours:** 3**Contact hours:** Lecture: 3 Contact: 3**Levels:** Graduate**Schedule types:** Lecture**Department/School:** Economics&Legal Studie**ECON 6643 Economic Development II****Prerequisites:** Permission of instructor.**Description:** Major problems of development policy. Inflation and mobilization of capital, investment criteria, agriculture, foreign trade, population and manpower, planning and programming methods. Course previously offered as ECON 5643.**Credit hours:** 3**Contact hours:** Lecture: 3 Contact: 3**Levels:** Graduate**Schedule types:** Lecture**Department/School:** Economics&Legal Studie**ECON 6903 Regional Economic Analysis and Policy****Description:** Selected topics in location theory, regional economic growth and policies toward regional development in the U.S. Course previously offered as ECON 5903.**Credit hours:** 3**Contact hours:** Lecture: 3 Contact: 3**Levels:** Graduate**Schedule types:** Lecture**Department/School:** Economics&Legal Studie**ECON 6913 Urban Economics****Prerequisites:** Permission of instructor.**Description:** The urban area as an economic system. Problems of economic policy in an urban environment. Course previously offered as ECON 5913.**Credit hours:** 3**Contact hours:** Lecture: 3 Contact: 3**Levels:** Graduate**Schedule types:** Lecture**Department/School:** Economics&Legal Studie**LSB 1113 Law in Society****Description:** Forms and types of law and their evolution, including antitrust, ecology, consumerism and civil rights. Political, social and economic forces affecting legal developments. Legal needs of society and the probable future direction of the law. Course previously offered as BUSL 1113.**Credit hours:** 3**Contact hours:** Lecture: 3 Contact: 3**Levels:** Undergraduate**Schedule types:** Lecture**Department/School:** Management**LSB 3010 Special Topics in Legal Studies in Business****Prerequisites:** LSB 3213, prior consent of instructor.**Description:** Analysis of a contemporary topic in business law. Changing social issues and trends in legal studies in business. Offered for variable credit, 1-3 credit hours, maximum of 6 credit hours.**Credit hours:** 1-3**Contact hours:** Contact: 1-3 Other: 1-3**Levels:** Undergraduate**Schedule types:** Independent Study**Department/School:** Management**LSB 3011 Name, Image, and Likeness and the Law****Description:** In this course, students will learn the primary legal principles surrounding the right of publicity, which in the context of college athletes is commonly referred to as name, image, and likeness rights. Students will learn the legal theory that underpins the current debate over granting name, image, and likeness rights to collegiate athletes. This course covers several different legal concepts, including the separation of powers, contracts, agency law, and intellectual property law. After completing this course, students will understand the rules governing the licensing of name, image, and likeness rights for college athletes. Students will also gain experience in negotiating and drafting mock contracts.**Credit hours:** 1**Contact hours:** Lecture: 1 Contact: 1**Levels:** Undergraduate**Schedule types:** Lecture**Department/School:** Management**LSB 3213 Legal and Regulatory Environment of Business****Prerequisites:** Junior standing.**Description:** General concepts regarding the nature of the legal system, ethical issues in business decision making, dispute resolution processes, basic constitutional limitations on the power of government to regulate business activity, the nature of government regulation, fundamental principles of tort and contract law. Course previously offered as BUSL 3213.**Credit hours:** 3**Contact hours:** Lecture: 3 Contact: 3**Levels:** Undergraduate**Schedule types:** Lecture**Department/School:** Management**LSB 4013 Law and Social Media****Prerequisites:** LSB 3213.**Description:** This course introduces the fundamentals of social media law. Legal topics include: marketing, intellectual property, employment, privacy, free speech and fundraising. Methods to address the risks of these legal issues will be discussed.**Credit hours:** 3**Contact hours:** Lecture: 3 Contact: 3**Levels:** Undergraduate**Schedule types:** Lecture**Department/School:** Management



**LSB 4113 White Collar Criminal****Prerequisites:** LSB 3213.**Description:** This course explores white-collar crime including illegal, unethical and deviant activities of organizations and individuals. The course examines causes of the behavior as well as its impact on business stakeholders.**Credit hours:** 3**Contact hours:** Lecture: 3 Contact: 3**Levels:** Undergraduate**Schedule types:** Lecture**Department/School:** Management**LSB 4323 Law of Commercial Transactions and Debtor-Creditor Relationships****Prerequisites:** LSB 3213.**Description:** Concentrated study of law relating to certain commercial transactions and debtor/creditor relationships. Includes law of sales, negotiable instruments, secured transactions, suretyship and bankruptcy. Previously offered as LSB 3323 and BUSL 3323.**Credit hours:** 3**Contact hours:** Lecture: 3 Contact: 3**Levels:** Undergraduate**Schedule types:** Lecture**Department/School:** Management**LSB 4403 Law and Entrepreneurship****Prerequisites:** ECON 3213 or permission of instructor.**Description:** Explores how to recognize and ethically manage legal risks within an emerging enterprise in order to optimize opportunities. Topics include: evaluating appropriate business organizations; understanding alternatives for obtaining capital; using employees to help achieve organizational goals; protecting intellectual property; and complying with the regulatory environment when advertising and marketing a product or service.**Credit hours:** 3**Contact hours:** Lecture: 3 Contact: 3**Levels:** Undergraduate**Schedule types:** Lecture**Department/School:** Management**LSB 4413 Law of Business Organizations****Prerequisites:** LSB 3213.**Description:** General principles of law relating to the formation, operation and termination of various forms of business organizations. Includes a study of the law of agency, partnerships and corporations. Course previously offered as BUSL 4413.**Credit hours:** 3**Contact hours:** Lecture: 3 Contact: 3**Levels:** Undergraduate**Schedule types:** Lecture**Department/School:** Management**LSB 4423 Employment Law (D)****Prerequisites:** LSB 3213 or equivalent.**Description:** Legal foundations of employment in the United States. Contemporary topics relating to the employment environment such as state legislative and judicial limitations on employment at will doctrine, federal legislation relating to equal employment opportunity and affirmative action, fair labor standards, safety in the work place and state workers compensation laws. Previously offered as LSB 3423 and BUSL 3423. No degree credit for students with credit in LSB 5423.**Credit hours:** 3**Contact hours:** Lecture: 3 Contact: 3**Levels:** Undergraduate**Schedule types:** Lecture**Department/School:** Management**General Education and other Course Attributes:** Diversity**LSB 4513 White Collar Criminal Law****Description:** This course is a comprehensive examination of white-collar crime - the illegal, unethical, or deviant activities of respectable institutions and individuals. The class will emphasize how courts, juries and the public perceive and react to these crimes. The causes and impact on the business community and society will be examined. Students will study contemporary and notorious cases. Students will brief cases in handouts studying the major sources of law in the prosecution of white collar criminal cases by the federal government. Traditional and active learning methods will be used.**Credit hours:** 3**Contact hours:** Lecture: 3 Contact: 3**Levels:** Undergraduate**Schedule types:** Lecture**Department/School:** Management**LSB 4523 Law of Real Property****Prerequisites:** LSB 3213 or equivalent.**Description:** Nature of real property and of the legal transactions relating thereto. Topics may include deeds and conveyancing, landlord-tenant relationships, mortgages, easements, oil and gas interests, types of estates, joint ownership, and legal descriptions.**Credit hours:** 3**Contact hours:** Lecture: 3 Contact: 3**Levels:** Undergraduate**Schedule types:** Lecture**Department/School:** Management**LSB 4633 Legal Aspects of International Business Transactions (I)****Prerequisites:** LSB 3213 or equivalent.**Description:** Legal aspects of operating a business entity engaged in international commerce. Topics may include: foreign business organizations, U.S. taxation of foreign investors, common clauses in transnational contracts, problems of technology transfer on the international market, anti-trust aspects of international business, and jurisdictional problems in resolving disputes. Course previously offered as BUSL 4633.**Credit hours:** 3**Contact hours:** Lecture: 3 Contact: 3**Levels:** Undergraduate**Schedule types:** Lecture**Department/School:** Management**General Education and other Course Attributes:** International Dimension



**LSB 5010 Research and Independent Studies**

**Description:** A workshop arrangement or supervised independent study. Offered for variable credit, 1-3 credit hours, maximum of 10 credit hours.

**Credit hours:** 1-3

**Contact hours:** Contact: 1-3 Other: 1-3

**Levels:** Graduate

**Schedule types:** Independent Study

**Department/School:** Management

**LSB 5163 Legal Environment of Business**

**Prerequisites:** Admission to a SSB graduate program or consent of MBA director.

**Description:** Legal environment within which business must operate. Nature and source of law, the operation of the judicial system, the operation of administrative agencies, selected Constitutional provisions frequently involved in litigation of business problems, and selected substantive legal areas having a direct relationship with business operation and decision-making.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Graduate

**Schedule types:** Lecture

**Department/School:** Management

**LSB 5203 Foundations of Issue and Conflict Management**

**Description:** Provides professionals from all fields with the skills necessary to handle conflicts, solve disputes, influence decisions and develop positive interpersonal relationships. It provides an overview of the alternative dispute resolution processes by utilizing readings, research, discussion and role-playing exercises.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Graduate

**Schedule types:** Lecture

**Department/School:** Management

**LSB 5213 Mediation and Facilitation: Theories and Practice**

**Prerequisites:** ECON 5203.

**Description:** This course examines the theories, skills, and boundaries of the mediation and facilitation processes, and analyzes the role of the third party neutral in the intervention and resolution conflicts. Ethical, practical and legal constraints are also addressed.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Graduate

**Schedule types:** Lecture

**Department/School:** Management

**LSB 5233 Introduction to Arbitration and Litigation**

**Prerequisites:** LSB 5203.

**Description:** This course examines the elements and process of arbitration, situations, in which arbitration skills are required, including construction, securities, civil conflicts, labor disputes and commercial contracts. Topics include comparisons to litigation, the role of judicial review and the enforcement of arbitration awards.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Graduate

**Schedule types:** Lecture

**Department/School:** Management

**LSB 5290 Seminar in Negotiation and Alternative Dispute Resolution**

**Prerequisites:** Consent of instructor.

**Description:** Individual investigations in the areas of issue and conflict management under the direct supervision of a faculty member. Offered for variable credit, 1-3 credit hours, maximum of 3 credit hours.

**Credit hours:** 1-3

**Contact hours:** Contact: 1-3 Other: 1-3

**Levels:** Graduate

**Schedule types:** Independent Study

**Department/School:** Management

**LSB 5423 Employment Law**

**Prerequisites:** LSB 3213 or equivalent or permission of instructor.

**Description:** Legal foundations of employment in the United States. Contemporary topics relating to the employment environment such as state legislative and judicial limitations on employment at will doctrine, federal legislation relating to equal employment opportunity and affirmative action, fair labor standards, collective bargaining, and safety in the work place. Students may not take both LSB 4423 and LSB 5423 for degree credit.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Graduate

**Schedule types:** Lecture

**Department/School:** Management

**Additional Fees:** Business Graduate Program fee of \$6 per credit hour applies.

## Undergraduate Programs

- Economics (Two Options), BA (p. 1112)
- Economics, BS (p. 1115)
- Economics: Pre-Dental, BS (p. 1118)
- Economics: Pre-Medical, BS (p. 1120)
- Economics: Pre-Veterinary, BS (p. 1122)

## Minors

- Economics (Arts and Sciences) (ECAS), Minor (p. 1111)

## Economics (Arts and Sciences) (ECAS), Minor

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**Requirements for Students Matriculating in or before Academic Year 2022-2023.** Learn more about University Academic Regulation 3.1 (p. 943).

**Haley McMahon**, 407 LSE, 405-744-5565

**Minimum Grade Point Average in Minor Coursework:** 2.00

**Total Hours:** 15 hours of ECON (p. 1102) courses

### Other Requirements

- 9 hours must be upper-division.

### Additional OSU Requirements

#### Undergraduate Minors

- An undergraduate minor must include between fifteen and thirty hours, inclusive of undergraduate coursework.
- A minimum of six credit hours for the minor must be earned in residence at OSU.
- The courses required for a minor may be included in the course requirements for any undergraduate degree or they may be in addition to degree requirements, depending on the overlap between the minor and degree requirements. However, an undergraduate minor must be earned in an academic field other than the student's declared degree option. The minor may not duplicate the degree major or option (for example, a student who earns a BA in Art with an Art History option may earn a minor in Studio Art but not Art History).
- A student generally follows the minor requirements associated with his or her matriculation year or newer requirements that have been established since matriculation. The time limit for following requirements from a given academic year is six years.

For additional information on requirements on minors, click here (<https://adminfinance.okstate.edu/site-files/documents/policies/requirements-for-undergraduate-and-graduate-minors.pdf>).

# Economics (Two Options), BA

## Degree Requirements

**Requirements for Students Matriculating in or before Academic Year 2022-2023.** Learn more about University Academic Regulation 3.1 (p. 943).

**Minimum Overall Grade Point Average:** 2.00

**Total Hours:** 120

Code	Title	Hours
<b>General Education Requirements</b>		
<i>English Composition</i>		
See Academic Regulation 3.5 (p. 944)		
ENGL 1113	Composition I	3
or ENGL 1313	Critical Analysis and Writing I	
Select one of the following:		3
ENGL 1213	Composition II	
ENGL 1413	Critical Analysis and Writing II	
ENGL 3323	Technical Writing	
<i>American History &amp; Government</i>		
HIST 1103	Survey of American History	3
or HIST 1483	American History to 1865 (H)	
or HIST 1493	American History Since 1865 (DH)	
POLS 1113	American Government	3
<i>Analytical &amp; Quantitative Thought (A)</i>		
MATH 2103	Business Calculus (A) <sup>1</sup>	3
STAT 2013	Elementary Statistics (A) <sup>1</sup>	3
or STAT 2023	Elementary Statistics for Business and Economics (A)	
<i>Humanities (H)</i>		
Courses designated (H)		6
<i>Natural Sciences (N)</i>		
Must include one Laboratory Science (L) course		
Courses designated (N)		6
<i>Social &amp; Behavioral Sciences (S)</i>		
Course designated (S)		3
<i>Additional General Education</i>		
Courses designated (A), (H), (N), or (S)		7
<b>Hours Subtotal</b>		<b>40</b>
<b>Diversity (D) &amp; International Dimension (I)</b>		
May be completed in any part of the degree plan		
Select at least one Diversity (D) course		
Select at least one International Dimension (I) course		
<b>College/Departmental Requirements</b>		
<i>First Year Seminar</i>		
(Transfer students with 15 hours exempt)		1
<i>Arts &amp; Humanities</i>		
Int'l Econ. Rel:		
Select 5 hours of foreign language (2000-level or above)		5
International courses recommended for remainder		4
See note 2.a.		
<i>Natural &amp; Mathematical Sciences</i>		

See note 2.b.		3
<i>Foreign Language</i>		
See note 3		9
<i>Non-Western Studies</i>		
Select at least one course		
See note 2.d.		
<i>Upper-Division General Education</i>		
Select 6 hours outside major department		
See note 2.c.		
<b>Hours Subtotal</b>		<b>22</b>
<b>Major Requirements</b>		
Minimum major GPA 2.00.		
<i>Core Courses</i>		
ECON 2103	Introduction to Microeconomics (S)	3
ECON 2203	Introduction to Macroeconomics	3
ECON 3113	Intermediate Microeconomics	3
ECON 3123	Intermediate Macroeconomics	3
ECON 4933	Applied Economics	3
<i>Options</i>		
Select one option (p. 1112)		33
<b>Hours Subtotal</b>		<b>48</b>
<b>Electives</b>		
Select 10 hours		10
May need to include 6 hours upper-division general education outside major department (see note 2.c.) and 1 additional upper-division hour		
<b>Hours Subtotal</b>		<b>10</b>
<b>Total Hours</b>		<b>120</b>

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College and Departmental Requirements that may be used to meet General Education Requirements.

## Options

### General Option

Code	Title	Hours
Select 15 hours in Economics courses 3000-level or above		15
Select 18 hours of upper-division electives of which 3 must be outside the field of Economics <sup>1</sup>		18

### Electives

STAT 3013 recommended

1

With approval from the advisor and department head, a maximum of 30 hours from an accredited doctoral law program may be substituted for these areas.

### International Economics Relations Option

Code	Title	Hours
ECON 3613	International Economic Relations (IS)	3
ECON 4643	International Economic Development (IS)	3
ENGL 3323	Technical Writing	3
or BCOM 3333	Advanced Business Communication	
Select one of the following:		6

MKTG 3213 & MKTG 4553	Marketing (S) and International Marketing	
LSB 3213 & LSB 4633	Legal and Regulatory Environment of Business and Legal Aspects of International Business Transactions (I)	
Select 9 hours upper-division Economics electives		9
Select 9 hours upper-division Arts & Sciences courses with International Dimension (I).		9
<i>Electives</i>		
ACCT 2103 required		
STAT 3013 recommended		

## Other Requirements

- See the College of Arts and Sciences Requirements.
- Minimum GPA 2.00 in all ECON courses.
- **Upper-Division Credit:** Total hours must include at least 40 hours in courses numbered 3000 or above.
- **Hours in One Department:** For B.A. and B.S. degrees, no more than 54 hours in one department may be applied to degree requirements.

## College of Arts and Sciences Requirements

### 1. General Education Requirements

No more than two courses (or eight hours) from the major department (<http://catalog.okstate.edu/college-arts-sciences-major-departments/>) may be used to meet General Education and College and Departmental Requirements. The General Education required English Composition, required U.S. History, required American Government, one required MATH or STAT course, and required foreign language for B.A. degrees do not count against the two-course maximum.

### 2. A&S College/Departmental Requirements

- Arts and Humanities are defined as any course carrying an (H) designation or courses from AMST, ART, DANC, ENGL (except ENGL 3323 Technical Writing) HIST, MUSI, PHIL (except PHIL 1313 Logic and Critical Thinking (A), PHIL 3003 Symbolic Logic (A) and PHIL 4003 Mathematical Logic and Computability), REL, TH, and foreign languages.
- Natural and Mathematical Sciences are defined as any course from the following prefixes: ASTR, BIOC, BIOL, CHEM, CS (except CS 4883 Social Issues in Computing), GEOL, MATH, MICR, PBIO, PHYS, and STAT; or courses from other departments that carry an (A) or (N) general education designation.
- The required six hours of upper-division General Education may not include courses from the student's major department. This requirement may be satisfied by courses also used to satisfy any part of a student's degree program (i.e., in General Education, College Departmental Requirements, Major Requirements or Electives).
- Non-Western Studies Requirement for B.A. and B.F.A.; One 3-hour course in Non-Western Studies (N.W.). This requirement may be satisfied by courses also used to satisfy any part of a student's degree program (i.e., in General Education, College Departmental Requirements, Major Requirements or Electives).

- The College of Arts & Sciences requires a minimum 2.0 GPA in all major requirements and a minimum 2.0 GPA in all major-prefix courses applied to the degree.

### 3. Foreign Language Proficiency

- The foreign language requirement for the B.A. may be satisfied by 9 hours college credit in the same language, which must include 3 hours at the 2000-level, or equivalent proficiency (e.g., passing an advanced standing examination; TOEFL exam; presenting a high school transcript which demonstrates the high school was primarily conducted in a language other than English; etc.). Computer Science courses may not be used to satisfy this requirement. Currently Arabic and Mvskoke are not offered at the 2000-level at OSU.
- The foreign language requirement for the B.S., B.M. and B.F.A. may be satisfied by presenting a high school transcript which demonstrates two years of study of a single foreign language (passing grades at second-year level of study). It may also be satisfied by 6 hours college credit in the same language, which must include language courses 1713 and 1813, or equivalent proficiency (e.g., passing an advanced standing examination; TOEFL exam; presenting a high school transcript which demonstrates the high school was primarily conducted in a language other than English; etc.). Computer Science courses may not be used to satisfy this requirement.
- In addition to a. and b., students pursuing teacher certification must meet novice-high foreign language proficiency by presenting a high school transcript which demonstrates two years of study of a single foreign language with no grade below B. Or, students may complete 3 hours college credit in a single language with no grade below C (or pass an advanced standing examination, College Level Examination Program (CLEP) exam, or Oral Proficiency Interview developed by the American Council on the Teaching of Foreign Languages, equivalent to 3 hours of college credit.) Or, students may meet the requirement by transfer of documentation of meeting the foreign language competency from one of the teacher education programs in the State of Oklahoma approved by the Oklahoma State Regents for Higher Education.

### 4. Exclusions

- Courses used to satisfy the General Education English Composition, U.S. History, American Government, and Mathematics or Statistics requirements will not count toward the 54-hour maximum allowed from one department.
- Courses with ATHL or LEIS prefixes and leisure activity courses may not be used for degree credit.

## Additional State/OSU Requirements

- At least: 60 hours at a four-year institution; 30 hours completed at OSU; 15 of the final 30 or 50% of the upper-division hours in the major field completed at OSU.
- Limit of: one-half of major course requirements as transfer work; one-fourth of hours earned by correspondence; 8 transfer correspondence hours.
- Students will be held responsible for degree requirements in effect at the time of matriculation and any changes that are made, so long as these changes do not result in semester credit hours being added or do not delay graduation.
- Degrees that follow this plan must be completed by the end of Summer 2028.

## Example Plan of Study

### Finish in Four Plan of Study

The plan below is an example of how students can successfully complete degree requirements in four years. This suggested class schedule plan may be used as a guide and can be adjusted based on individual needs. Students are required to meet with an academic advisor prior to enrollment each semester to plan their class schedule, and students are ultimately responsible for completing all degree requirements.

Course	Title	Hours
<b>Freshman</b>		
<b>Fall</b>		
ENGL 1113 or ENGL 1313	Composition I or Critical Analysis and Writing I	3
MATH 2103	Business Calculus (A)	3
ECON 2103	Introduction to Microeconomics (S)	3
General Education courses		6
<b>Hours</b>		<b>15</b>
<b>Spring</b>		
ENGL 1213 or ENGL 1413	Composition II or Critical Analysis and Writing II	3
STAT 2013 or STAT 2023	Elementary Statistics (A) or Elementary Statistics for Business and Economics (A)	3
ECON 2203	Introduction to Macroeconomics	3
General Education courses		6
<b>Hours</b>		<b>15</b>
<b>Sophomore</b>		
<b>Fall</b>		
ECON 3113	Intermediate Microeconomics	3
1713 First Semester Foreign Language		3
General Education courses		9
<b>Hours</b>		<b>15</b>
<b>Spring</b>		
ECON 3123	Intermediate Macroeconomics	3
1813 Second Semester Foreign Language		3
Major, College, and Elective courses		9
<b>Hours</b>		<b>15</b>
<b>Junior</b>		
<b>Fall</b>		
2000-level Foreign Language		3
Major, College, and Elective courses		12
<b>Hours</b>		<b>15</b>
<b>Spring</b>		
Major, College, and Elective courses		15
<b>Hours</b>		<b>15</b>
<b>Senior</b>		
<b>Fall</b>		
Major, College, and Elective courses		15
<b>Hours</b>		<b>15</b>
<b>Spring</b>		
ECON 4993	Economics Honors Thesis	3
Major, College, and Elective courses		12
<b>Hours</b>		<b>15</b>
<b>Total Hours</b>		<b>120</b>

# Economics, BS

## Degree Requirements

**Requirements for Students Matriculating in or before Academic Year 2022-2023.** Learn more about University Academic Regulation 3.1 (p. 943).

**Minimum Overall Grade Point Average:** 2.00

**Total Hours:** 120

Code	Title	Hours
<b>General Education Requirements</b>		
<i>English Composition</i>		
See Academic Regulation 3.5 (p. 944)		
ENGL 1113	Composition I	3
or ENGL 1313	Critical Analysis and Writing I	
Select one of the following:		3
ENGL 1213	Composition II	
ENGL 1413	Critical Analysis and Writing II	
ENGL 3323	Technical Writing	
<i>American History &amp; Government</i>		
HIST 1103	Survey of American History	3
or HIST 1483	American History to 1865 (H)	
or HIST 1493	American History Since 1865 (DH)	
POLS 1113	American Government	3
<i>Analytical &amp; Quantitative Thought (A)</i>		
MATH 2103	Business Calculus (A) <sup>1</sup>	3
STAT 2013	Elementary Statistics (A) <sup>1</sup>	3
or STAT 2023	Elementary Statistics for Business and Economics (A)	
<i>Humanities (H)</i>		
Courses designated (H)		6
<i>Natural Sciences (N)</i>		
Must include one Laboratory Science (L) course		
Courses designated (N)		6
<i>Social &amp; Behavioral Sciences (S)</i>		
Course designated (S)		3
<i>Additional General Education</i>		
Courses designated (A), (H), (N), or (S)		7
<b>Hours Subtotal</b>		<b>40</b>
<b>Diversity (D) &amp; International Dimension (I)</b>		
May be completed in any part of the degree plan		
Select at least one Diversity (D) course		
Select at least one International Dimension (I) course		
<b>College/Departmental Requirements</b>		
<i>First Year Seminar</i>		
(Transfer students with 15 hours exempt)		1
<i>Arts &amp; Humanities</i>		
See note 2.a.		3
<i>Natural &amp; Mathematical Sciences</i>		
See note 2.b.		9
<i>Foreign Language</i>		
See note 3		

0-6 hours		
<i>Upper-Division General Education</i>		
Select 6 hours outside major department		
See note 2.c.		
<b>Hours Subtotal</b>		<b>13</b>
<b>Major Requirements</b>		
Minimum major GPA 2.00.		
<i>Core Courses</i>		
ECON 2103	Introduction to Microeconomics (S)	3
ECON 2203	Introduction to Macroeconomics	3
ECON 3113	Intermediate Microeconomics	3
ECON 3123	Intermediate Macroeconomics	3
ECON 4933	Applied Economics	3
<i>Options</i>		
Select one option (p. 1115)		33
<b>Hours Subtotal</b>		<b>48</b>
<b>Electives <sup>2</sup></b>		
Select 19 hours		19
May need to include 6 hours of a foreign language. (see note 3)		
May need to include 6 hours upper-division general education outside major department (see note 2.c.)		
<b>Hours Subtotal</b>		<b>19</b>
<b>Total Hours</b>		<b>120</b>

1

College and Departmental Requirements that may be used to meet General Education Requirements.

2

With approval from the advisor and department head, a maximum of 30 hours from an accredited doctoral law program may be substituted for these areas.

## Options

### General Option

Code	Title	Hours
Select 15 hours upper-division ECON		15
Select 18 hours of upper-division electives of which 3 must be outside the field of Economics <sup>2</sup>		18

### Electives

STAT 3013 is recommended

1 hour may need to be upper-division

2

With approval from the advisor and department head, a maximum of 30 hours from an accredited doctoral law program may be substituted for these areas.

### Graduate Preparation Option

Code	Title	Hours
ECON 4213	Econometric Methods	3
or ECON 4223	Business and Economic Forecasting	
Select 9 additional hours upper-division ECON		9
MATH 3013	Linear Algebra (A)	3
STAT 3013	Intermediate Statistical Analysis	3



Select 12 hours of upper-division electives of which 3 must be outside the field of Economics 12

#### Electives

The following are required:

MATH 2144 Calculus I (A)

MATH 2153 Calculus II (A)

MATH 2163 Calculus III

1 hour may need to be upper-division.

### Pre-Law Preparation Option

Code	Title	Hours
Select 15 hours upper-division ECON		15
PHIL 1313	Logic and Critical Thinking (A)	3
POLS 3983	Courts and Judicial Process (S)	3
Select one of the following:		3
POLS 2023	The Individual And The Law	
POLS 4963	U.S. Constitution: Civil Rights and Civil Liberties	
POLS 4973	U.S. Constitution: Separation of Powers	
Select 9 hours of the upper-division electives of which 3 must be outside the field of Economics		9
<i>Electives</i>		
7 hours may need to be upper-division		

### Other Requirements

- See the College of Arts and Sciences Requirements.
- Minimum GPA 2.00 in all ECON courses.
- **Upper-Division Credit:** Total hours must include at least 40 hours in courses numbered 3000 or above.
- **Hours in One Department:** For B.A. and B.S. degrees, no more than 54 hours in one department may be applied to degree requirements.

## College of Arts and Sciences Requirements

### 1. General Education Requirements

No more than two courses (or eight hours) from the major department (<http://catalog.okstate.edu/college-arts-sciences-major-departments/>) may be used to meet General Education and College and Departmental Requirements. The General Education required English Composition, required U.S. History, required American Government, one required MATH or STAT course, and required foreign language for B.A. degrees do not count against the two-course maximum.

### 2. A&S College/Departmental Requirements

- Arts and Humanities are defined as any course carrying an (H) designation or courses from AMST, ART, DANC, ENGL (except ENGL 3323 Technical Writing) HIST, MUSI, PHIL (except PHIL 1313 Logic and Critical Thinking (A), PHIL 3003 Symbolic Logic (A) and PHIL 4003 Mathematical Logic and Computability), REL, TH, and foreign languages.
- Natural and Mathematical Sciences are defined as any course from the following prefixes: ASTR, BIOC, BIOL, CHEM, CS (except CS 4883 Social Issues in Computing), GEOL, MATH, MICR, PBIO, PHYS, and STAT; or courses from other departments that carry an (A) or (N) general education designation.

- The required six hours of upper-division General Education may not include courses from the student's major department. This requirement may be satisfied by courses also used to satisfy any part of a student's degree program (i.e., in General Education, College Departmental Requirements, Major Requirements or Electives).
- Non-Western Studies Requirement for B.A. and B.F.A.; One 3-hour course in Non-Western Studies (N.W.). This requirement may be satisfied by courses also used to satisfy any part of a student's degree program (i.e., in General Education, College Departmental Requirements, Major Requirements or Electives).
- The College of Arts & Sciences requires a minimum 2.0 GPA in all major requirements and a minimum 2.0 GPA in all major-prefix courses applied to the degree.

### 3. Foreign Language Proficiency

- The foreign language requirement for the B.A. may be satisfied by 9 hours college credit in the same language, which must include 3 hours at the 2000-level, or equivalent proficiency (e.g., passing an advanced standing examination; TOEFL exam; presenting a high school transcript which demonstrates the high school was primarily conducted in a language other than English; etc.). Computer Science courses may not be used to satisfy this requirement. Currently Arabic and Mvskoke are not offered at the 2000-level at OSU.
- The foreign language requirement for the B.S., B.M. and B.F.A. may be satisfied by presenting a high school transcript which demonstrates two years of study of a single foreign language (passing grades at second-year level of study). It may also be satisfied by 6 hours college credit in the same language, which must include language courses 1713 and 1813, or equivalent proficiency (e.g., passing an advanced standing examination; TOEFL exam; presenting a high school transcript which demonstrates the high school was primarily conducted in a language other than English; etc.). Computer Science courses may not be used to satisfy this requirement.
- In addition to a. and b., students pursuing teacher certification must meet novice-high foreign language proficiency by presenting a high school transcript which demonstrates two years of study of a single foreign language with no grade below B. Or, students may complete 3 hours college credit in a single language with no grade below C (or pass an advanced standing examination, College Level Examination Program (CLEP) exam, or Oral Proficiency Interview developed by the American Council on the Teaching of Foreign Languages, equivalent to 3 hours of college credit.) Or, students may meet the requirement by transfer of documentation of meeting the foreign language competency from one of the teacher education programs in the State of Oklahoma approved by the Oklahoma State Regents for Higher Education.

### 4. Exclusions

- Courses used to satisfy the General Education English Composition, U.S. History, American Government, and Mathematics or Statistics requirements will not count toward the 54-hour maximum allowed from one department.
- Courses with ATHL or LEIS prefixes and leisure activity courses may not be used for degree credit.

## Additional State/OSU Requirements

- At least: 60 hours at a four-year institution; 30 hours completed at OSU; 15 of the final 30 or 50% of the upper-division hours in the major field completed at OSU.
- Limit of: one-half of major course requirements as transfer work; one-fourth of hours earned by correspondence; 8 transfer correspondence hours.
- Students will be held responsible for degree requirements in effect at the time of matriculation and any changes that are made, so long as these changes do not result in semester credit hours being added or do not delay graduation.
- Degrees that follow this plan must be completed by the end of Summer 2028.

### Senior

#### Fall

Major, College, and Elective courses	15
<b>Hours</b>	<b>15</b>

#### Spring

ECON 4993	Economics Honors Thesis	3
Major, College, and Elective courses		12
<b>Hours</b>		<b>15</b>
<b>Total Hours</b>		<b>120</b>

## Example Plan of Study

### Finish in Four Plan of Study

The plan below is an example of how students can successfully complete degree requirements in four years. This suggested class schedule plan may be used as a guide and can be adjusted based on individual needs. Students are required to meet with an academic advisor prior to enrollment each semester to plan their class schedule, and students are ultimately responsible for completing all degree requirements.

Course	Title	Hours
<b>Freshman</b>		
<b>Fall</b>		
ENGL 1113 or ENGL 1313	Composition I or Critical Analysis and Writing I	3
MATH 2103	Business Calculus (A)	3
ECON 2103	Introduction to Microeconomics (S)	3
General Education courses		6
<b>Hours</b>		<b>15</b>
<b>Spring</b>		
ENGL 1213 or ENGL 1413	Composition II or Critical Analysis and Writing II	3
STAT 2013 or STAT 2023	Elementary Statistics (A) or Elementary Statistics for Business and Economics (A)	3
ECON 2203	Introduction to Macroeconomics	3
General Education courses (MATH 2153 required for Graduate Preparation option)		6
<b>Hours</b>		<b>15</b>
<b>Sophomore</b>		
<b>Fall</b>		
ECON 3113	Intermediate Microeconomics	3
General Education courses (MATH 2163 required for Graduate Preparation option)		12
<b>Hours</b>		<b>15</b>
<b>Spring</b>		
ECON 3123	Intermediate Macroeconomics	3
Major, College, and Elective courses (MATH 3103 required for Graduate Preparation option)		12
<b>Hours</b>		<b>15</b>
<b>Junior</b>		
<b>Fall</b>		
Major, College, and Elective courses (STAT 3013 required for Graduate Preparation option)		15
<b>Hours</b>		<b>15</b>
<b>Spring</b>		
Major, College, and Elective courses		15
<b>Hours</b>		<b>15</b>

## Economics: Pre-Dental, BS

**Requirements for Students Matriculating in or before Academic Year 2022-2023.** Learn more about University Academic Regulation 3.1 (p. 943).

**Minimum Overall Grade Point Average: 2.00**

**Total Hours: 120**

Code	Title	Hours
<b>General Education Requirements</b>		
<i>English Composition</i>		
See Academic Regulation 3.5 (p. 944)		
ENGL 1113	Composition I	3
or ENGL 1313	Critical Analysis and Writing I	
ENGL 1213	Composition II	3
or ENGL 1413	Critical Analysis and Writing II	
or ENGL 3323	Technical Writing	
<i>American History &amp; Government</i>		
HIST 1103	Survey of American History	3
or HIST 1483	American History to 1865 (H)	
or HIST 1493	American History Since 1865 (DH)	
POLS 1113	American Government	3
<i>Analytical &amp; Quantitative Thought (A)</i>		
MATH 2103	Business Calculus (A) <sup>1</sup>	3
STAT 2013	Elementary Statistics (A) <sup>1</sup>	3
or STAT 2023	Elementary Statistics for Business and Economics (A)	
<i>Humanities (H)</i>		
Courses designated (H)		6
<i>Natural Sciences (N)</i>		
Must include one Laboratory Science (L) course		
BIOL 1113	Introductory Biology (N)	4
& BIOL 1111	and Introductory Biology Laboratory (LN)	
or BIOL 1114	Introductory Biology (LN)	
CHEM 1314	Chemistry I (LN)	4
<i>Social &amp; Behavioral Sciences (S)</i>		
Course designated (S)		3
<i>Additional General Education</i>		
Courses designated (A), (H), (N), or (S)		6
<b>Hours Subtotal</b>		<b>41</b>
<b>Diversity (D) &amp; International Dimension (I)</b>		
May be completed in any part of the degree plan		
Select at least one Diversity (D) course		
Select at least one International Dimension (I) course		
<b>College/Departmental Requirements</b>		
<i>First Year Seminar</i>		
(Transfer students with 15 hours exempt)		1
<i>Arts &amp; Humanities</i>		
See note 2.a.		3
<i>Natural &amp; Mathematical Sciences</i>		
See note 2.b.		
BIOL 1604	Animal Biology	4
CHEM 1515	Chemistry II (LN)	5

### Foreign Language

See note 3

0-6 hours

### Upper-Division General Education

Select 6 hours outside major department

See note 2.c.

**Hours Subtotal** **13**

### Major Requirements

Minimum major GPA 2.00.

#### Core Courses

ECON 2103	Introduction to Microeconomics (S)	3
ECON 2203	Introduction to Macroeconomics	3
ECON 3113	Intermediate Microeconomics	3
ECON 3123	Intermediate Macroeconomics	3
ECON 4933	Applied Economics	3

Select 12 hours of upper-division ECON **12**

#### Pre-Dental Option

BIOC 3653	Survey of Biochemistry	3
or BIOC 3713	Biochemistry I	
BIOL 3204	Physiology	4
or BIOL 3214	Human Anatomy	
CHEM 3053	Organic Chemistry I	3
CHEM 3112	Organic Chemistry Laboratory	2
CHEM 3153	Organic Chemistry II	3
MICR 2123	Introduction to Microbiology	3
MICR 2132	Introduction to Microbiology Laboratory	2
PHYS 1114	College Physics I (LN)	4
or PHYS 2014	University Physics I (LN)	
PHYS 1214	College Physics II (LN)	4
or PHYS 2114	University Physics II (LN)	
PSYC 1113	Introductory Psychology (S)	3

**Hours Subtotal** **58**

#### Electives

Select 8 hours **8**

May need to include 6 hours of a foreign language (see note 3).

May need to include 6 hours upper-division general education outside major department (see note 2.c.).

**Hours Subtotal** **8**

**Total Hours** **120**

1

College and Departmental Requirements that may be used to meet General Education Requirements.

## Other Requirements

- See the College of Arts and Sciences Requirements.
- Minimum GPA 2.00 in all ECON courses.
- **Upper-Division Credit:** Total hours must include at least 40 hours in courses numbered 3000 or above.
- **Hours in One Department:** For B.A. and B.S. degrees, no more than 54 hours in one department may be applied to degree requirements.

## College of Arts and Sciences Requirements

### 1. General Education Requirements

No more than two courses (or eight hours) from the major department (<http://catalog.okstate.edu/college-arts-sciences-major-departments/>) may be used to meet General Education and College and Departmental Requirements. The General Education required English Composition, required U.S. History, required American Government, one required MATH or STAT course, and required foreign language for B.A. degrees do not count against the two-course maximum.

### 2. A&S College/Departmental Requirements

- a. Arts and Humanities are defined as any course carrying an (H) designation or courses from AMST, ART, DANC, ENGL (except ENGL 3323 Technical Writing) HIST, MUSI, PHIL (except PHIL 1313 Logic and Critical Thinking (A), PHIL 3003 Symbolic Logic (A) and PHIL 4003 Mathematical Logic and Computability), REL, TH, and foreign languages.
- b. Natural and Mathematical Sciences are defined as any course from the following prefixes: ASTR, BIOC, BIOL, CHEM, CS (except CS 4883 Social Issues in Computing), GEOL, MATH, MICR, PBIO, PHYS, and STAT; or courses from other departments that carry an (A) or (N) general education designation.
- c. The required six hours of upper-division General Education may not include courses from the student's major department. This requirement may be satisfied by courses also used to satisfy any part of a student's degree program (i.e., in General Education, College Departmental Requirements, Major Requirements or Electives).
- d. Non-Western Studies Requirement for B.A. and B.F.A.; One 3-hour course in Non-Western Studies (N.W.). This requirement may be satisfied by courses also used to satisfy any part of a student's degree program (i.e., in General Education, College Departmental Requirements, Major Requirements or Electives).
- e. The College of Arts & Sciences requires a minimum 2.0 GPA in all major requirements and a minimum 2.0 GPA in all major-prefix courses applied to the degree.

### 3. Foreign Language Proficiency

- a. The foreign language requirement for the B.A. may be satisfied by 9 hours college credit in the same language, which must include 3 hours at the 2000-level, or equivalent proficiency (e.g., passing an advanced standing examination; TOEFL exam; presenting a high school transcript which demonstrates the high school was primarily conducted in a language other than English; etc.). Computer Science courses may not be used to satisfy this requirement. Currently Arabic and Mvskoke are not offered at the 2000-level at OSU.
- b. The foreign language requirement for the B.S., B.M. and B.F.A. may be satisfied by presenting a high school transcript which demonstrates two years of study of a single foreign language (passing grades at second-year level of study). It may also be satisfied by 6 hours college credit in the same language, which must include language courses 1713 and 1813, or equivalent proficiency (e.g., passing an advanced standing examination; TOEFL exam; presenting a high school transcript which demonstrates the high school was primarily conducted in a language other than English; etc.). Computer Science courses may not be used to satisfy this requirement.

- c. In addition to a. and b., students pursuing teacher certification must meet novice-high foreign language proficiency by presenting a high school transcript which demonstrates two years of study of a single foreign language with no grade below B. Or, students may complete 3 hours college credit in a single language with no grade below C (or pass an advanced standing examination, College Level Examination Program (CLEP) exam, or Oral Proficiency Interview developed by the American Council on the Teaching of Foreign Languages, equivalent to 3 hours of college credit.) Or, students may meet the requirement by transfer of documentation of meeting the foreign language competency from one of the teacher education programs in the State of Oklahoma approved by the Oklahoma State Regents for Higher Education.

### 4. Exclusions

- a. Courses used to satisfy the General Education English Composition, U.S. History, American Government, and Mathematics or Statistics requirements will not count toward the 54-hour maximum allowed from one department.
- b. Courses with ATHL or LEIS prefixes and leisure activity courses may not be used for degree credit.

## Additional State/OSU Requirements

- At least: 60 hours at a four-year institution; 30 hours completed at OSU; 15 of the final 30 or 50% of the upper-division hours in the major field completed at OSU.
- Limit of: one-half of major course requirements as transfer work; one-fourth of hours earned by correspondence; 8 transfer correspondence hours.
- Students will be held responsible for degree requirements in effect at the time of matriculation and any changes that are made, so long as these changes do not result in semester credit hours being added or do not delay graduation.
- Degrees that follow this plan must be completed by the end of Summer 2028.

## Economics: Pre-Medical, BS

**Requirements for Students Matriculating in or before Academic Year 2022-2023.** Learn more about University Academic Regulation 3.1 (p. 943).

**Minimum Overall Grade Point Average: 2.00**

**Total Hours: 120**

Code	Title	Hours
<b>General Education Requirements</b>		
<i>English Composition</i>		
See Academic Regulation 3.5 (p. 944)		
ENGL 1113	Composition I	3
or ENGL 1313	Critical Analysis and Writing I	
ENGL 1213	Composition II	3
or ENGL 1413	Critical Analysis and Writing II	
or ENGL 3323	Technical Writing	
<i>American History &amp; Government</i>		
HIST 1103	Survey of American History	3
or HIST 1483	American History to 1865 (H)	
or HIST 1493	American History Since 1865 (DH)	
POLS 1113	American Government	3
<i>Analytical &amp; Quantitative Thought (A)</i>		
MATH 2103	Business Calculus (A) <sup>1</sup>	3
STAT 2013	Elementary Statistics (A) <sup>1</sup>	3
or STAT 2023	Elementary Statistics for Business and Economics (A)	
<i>Humanities (H)</i>		
Courses designated (H)		6
<i>Natural Sciences (N)</i>		
Must include one Laboratory Science (L) course		
BIOL 1113	Introductory Biology (N)	4
& BIOL 1111	and Introductory Biology Laboratory (LN)	
or BIOL 1114	Introductory Biology (LN)	
CHEM 1314	Chemistry I (LN)	4
<i>Social &amp; Behavioral Sciences (S)</i>		
Course designated (S)		3
<i>Additional General Education</i>		
Courses designated (A), (H), (N), or (S)		6
<b>Hours Subtotal</b>		<b>41</b>
<b>Diversity (D) &amp; International Dimension (I)</b>		
May be completed in any part of the degree plan		
Select at least one Diversity (D) course		
Select at least one International Dimension (I) course		
<b>College/Departmental Requirements</b>		
<i>First Year Seminar</i>		
(Transfer students with 15 hours exempt)		1
<i>Arts &amp; Humanities</i>		
See note 2.a.		3
<i>Natural &amp; Mathematical Sciences</i>		
See note 2.b.		
BIOL 1604	Animal Biology	4
CHEM 1515	Chemistry II (LN)	5

### Foreign Language

See note 3

0-6 hours

### Upper-Division General Education

Select 6 hours outside major department

See note 2.c.

**Hours Subtotal** **13**

### Major Requirements

Minimum major GPA 2.00.

#### Core Courses

ECON 2103	Introduction to Microeconomics (S)	3
ECON 2203	Introduction to Macroeconomics	3
ECON 3113	Intermediate Microeconomics	3
ECON 3123	Intermediate Macroeconomics	3
ECON 4933	Applied Economics	3

Select 12 hours of upper-division ECON **12**

#### Pre-Medical Option

BIOC 3653	Survey of Biochemistry	3
or BIOC 3713	Biochemistry I	
BIOL 3204	Physiology	4
or BIOL 3214	Human Anatomy	
CHEM 3053	Organic Chemistry I	3
CHEM 3112	Organic Chemistry Laboratory	2
CHEM 3153	Organic Chemistry II	3
MICR 2123	Introduction to Microbiology	3
MICR 2132	Introduction to Microbiology Laboratory	2
MICR 3033	Cell and Molecular Biology	3
or BIOL 3023	General Genetics	
PHYS 1114	College Physics I (LN)	4
or PHYS 2014	University Physics I (LN)	
PHYS 1214	College Physics II (LN)	4
or PHYS 2114	University Physics II (LN)	

**Hours Subtotal** **58**

### Electives

Select 8 hours **8**

May need to include 6 hours of a foreign language (see note 3).

May need to include 6 hours upper-division general education outside major department (see note 2.c.).

**Hours Subtotal** **8**

**Total Hours** **120**

1

College and Departmental Requirements that may be used to meet General Education Requirements.

## Other Requirements

- See the College of Arts and Sciences Requirements.
- Minimum GPA 2.00 in all ECON courses.
- **Upper-Division Credit:** Total hours must include at least 40 hours in courses numbered 3000 or above.
- **Hours in One Department:** For B.A. and B.S. degrees, no more than 54 hours in one department may be applied to degree requirements.



# College of Arts and Sciences Requirements

## 1. General Education Requirements

No more than two courses (or eight hours) from the major department (<http://catalog.okstate.edu/college-arts-sciences-major-departments/>) may be used to meet General Education and College and Departmental Requirements. The General Education required English Composition, required U.S. History, required American Government, one required MATH or STAT course, and required foreign language for B.A. degrees do not count against the two-course maximum.

## 2. A&S College/Departmental Requirements

- a. Arts and Humanities are defined as any course carrying an (H) designation or courses from AMST, ART, DANC, ENGL (except ENGL 3323 Technical Writing) HIST, MUSI, PHIL (except PHIL 1313 Logic and Critical Thinking (A), PHIL 3003 Symbolic Logic (A) and PHIL 4003 Mathematical Logic and Computability), REL, TH, and foreign languages.
- b. Natural and Mathematical Sciences are defined as any course from the following prefixes: ASTR, BIOC, BIOL, CHEM, CS (except CS 4883 Social Issues in Computing), GEOL, MATH, MICR, PBIO, PHYS, and STAT; or courses from other departments that carry an (A) or (N) general education designation.
- c. The required six hours of upper-division General Education may not include courses from the student's major department. This requirement may be satisfied by courses also used to satisfy any part of a student's degree program (i.e., in General Education, College Departmental Requirements, Major Requirements or Electives).
- d. Non-Western Studies Requirement for B.A. and B.F.A.; One 3-hour course in Non-Western Studies (N.W.). This requirement may be satisfied by courses also used to satisfy any part of a student's degree program (i.e., in General Education, College Departmental Requirements, Major Requirements or Electives).
- e. The College of Arts & Sciences requires a minimum 2.0 GPA in all major requirements and a minimum 2.0 GPA in all major-prefix courses applied to the degree.

## 3. Foreign Language Proficiency

- a. The foreign language requirement for the B.A. may be satisfied by 9 hours college credit in the same language, which must include 3 hours at the 2000-level, or equivalent proficiency (e.g., passing an advanced standing examination; TOEFL exam; presenting a high school transcript which demonstrates the high school was primarily conducted in a language other than English; etc.). Computer Science courses may not be used to satisfy this requirement. Currently Arabic and Mvskoke are not offered at the 2000-level at OSU.
- b. The foreign language requirement for the B.S., B.M. and B.F.A. may be satisfied by presenting a high school transcript which demonstrates two years of study of a single foreign language (passing grades at second-year level of study). It may also be satisfied by 6 hours college credit in the same language, which must include language courses 1713 and 1813, or equivalent proficiency (e.g., passing an advanced standing examination; TOEFL exam; presenting a high school transcript which demonstrates the high school was primarily conducted in a language other than English; etc.). Computer Science courses may not be used to satisfy this requirement.

- c. In addition to a. and b., students pursuing teacher certification must meet novice-high foreign language proficiency by presenting a high school transcript which demonstrates two years of study of a single foreign language with no grade below B. Or, students may complete 3 hours college credit in a single language with no grade below C (or pass an advanced standing examination, College Level Examination Program (CLEP) exam, or Oral Proficiency Interview developed by the American Council on the Teaching of Foreign Languages, equivalent to 3 hours of college credit.) Or, students may meet the requirement by transfer of documentation of meeting the foreign language competency from one of the teacher education programs in the State of Oklahoma approved by the Oklahoma State Regents for Higher Education.

## 4. Exclusions

- a. Courses used to satisfy the General Education English Composition, U.S. History, American Government, and Mathematics or Statistics requirements will not count toward the 54-hour maximum allowed from one department.
- b. Courses with ATHL or LEIS prefixes and leisure activity courses may not be used for degree credit.

## Additional State/OSU Requirements

- At least: 60 hours at a four-year institution; 30 hours completed at OSU; 15 of the final 30 or 50% of the upper-division hours in the major field completed at OSU.
- Limit of: one-half of major course requirements as transfer work; one-fourth of hours earned by correspondence; 8 transfer correspondence hours.
- Students will be held responsible for degree requirements in effect at the time of matriculation and any changes that are made, so long as these changes do not result in semester credit hours being added or do not delay graduation.
- Degrees that follow this plan must be completed by the end of Summer 2028.



## Economics: Pre-Veterinary, BS

**Requirements for Students Matriculating in or before Academic Year 2022-2023.** Learn more about University Academic Regulation 3.1 (p. 943).

**Minimum Overall Grade Point Average: 2.00**

**Total Hours: 120**

Code	Title	Hours
<b>General Education Requirements</b>		
<i>English Composition</i>		
See Academic Regulation 3.5 (p. 944)		
ENGL 1113	Composition I	3
or ENGL 1313	Critical Analysis and Writing I	
ENGL 1213	Composition II	3
or ENGL 1413	Critical Analysis and Writing II	
or ENGL 3323	Technical Writing	
<i>American History &amp; Government</i>		
HIST 1103	Survey of American History	3
or HIST 1483	American History to 1865 (H)	
or HIST 1493	American History Since 1865 (DH)	
POLS 1113	American Government	3
<i>Analytical &amp; Quantitative Thought (A)</i>		
MATH 2103	Business Calculus (A) <sup>1</sup>	3
STAT 2013	Elementary Statistics (A) <sup>1</sup>	3
or STAT 2023	Elementary Statistics for Business and Economics (A)	
<i>Humanities (H)</i>		
Courses designated (H)		6
<i>Natural Sciences (N)</i>		
Must include one Laboratory Science (L) course		
BIOL 1113	Introductory Biology (N)	4
& BIOL 1111	and Introductory Biology Laboratory (LN)	
or BIOL 1114	Introductory Biology (LN)	
CHEM 1314	Chemistry I (LN)	4
<i>Social &amp; Behavioral Sciences (S)</i>		
Course designated (S)		3
<i>Additional General Education</i>		
Courses designated (A), (H), (N), or (S)		6
<b>Hours Subtotal</b>		<b>41</b>
<b>Diversity (D) &amp; International Dimension (I)</b>		
May be completed in any part of the degree plan		
Select at least one Diversity (D) course		
Select at least one International Dimension (I) course		
<b>College/Departmental Requirements</b>		
<i>First Year Seminar</i>		
(Transfer students with 15 hours exempt)		1
<i>Arts &amp; Humanities</i>		
See note 2.a.		3
<i>Natural &amp; Mathematical Sciences</i>		
See note 2.b.		
BIOL 1604	Animal Biology	4
CHEM 1515	Chemistry II (LN)	5

### Foreign Language

See note 3

0-6 hours

### Upper-Division General Education

Select 6 hours outside major department

See note 2.c.

**Hours Subtotal** **13**

### Major Requirements

Minimum major GPA 2.00.

#### Core Courses

ECON 2103	Introduction to Microeconomics (S)	3
ECON 2203	Introduction to Macroeconomics	3
ECON 3113	Intermediate Microeconomics	3
ECON 3123	Intermediate Macroeconomics	3
ECON 4933	Applied Economics	3

Select 12 hours of upper-division ECON **12**

#### Pre-Veterinary Option

Select 3 hours of upper-division ECON **3**

ANSI 3543 Principles of Animal Nutrition **3**

BIOC 3653 Survey of Biochemistry **3**

or BIOC 3713 Biochemistry I **3**

CHEM 3053 Organic Chemistry I **3**

CHEM 3112 Organic Chemistry Laboratory **2**

CHEM 3153 Organic Chemistry II **3**

ENGL 3323 Technical Writing **3**

or SPCH 2713 Introduction to Speech Communication (S) **3**

MICR 2123 Introduction to Microbiology **3**

MICR 2132 Introduction to Microbiology Laboratory **2**

PHYS 1114 College Physics I (LN) **4**

or PHYS 2014 University Physics I (LN) **4**

PHYS 1214 College Physics II (LN) **4**

or PHYS 2114 University Physics II (LN) **4**

PSYC 1113 Introductory Psychology (S) **3**

**Hours Subtotal** **63**

#### Electives

Select 3 hours **3**

May need to include 6 hours of a foreign language (see note 3).

May need to include 6 hours upper-division general education outside major department (see note 2.c.).

**Hours Subtotal** **3**

**Total Hours** **120**

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College and Departmental Requirements that may be used to meet General Education Requirements.

## Other Requirements

- See the College of Arts and Sciences Requirements.
- Minimum GPA 2.00 in all ECON courses.
- **Upper-Division Credit:** Total hours must include at least 40 hours in courses numbered 3000 or above.
- **Hours in One Department:** For B.A. and B.S. degrees, no more than 54 hours in one department may be applied to degree requirements.

## College of Arts and Sciences Requirements

### 1. General Education Requirements

No more than two courses (or eight hours) from the major department (<http://catalog.okstate.edu/college-arts-sciences-major-departments/>) may be used to meet General Education and College and Departmental Requirements. The General Education required English Composition, required U.S. History, required American Government, one required MATH or STAT course, and required foreign language for B.A. degrees do not count against the two-course maximum.

### 2. A&S College/Departmental Requirements

- a. Arts and Humanities are defined as any course carrying an (H) designation or courses from AMST, ART, DANC, ENGL (except ENGL 3323 Technical Writing) HIST, MUSI, PHIL (except PHIL 1313 Logic and Critical Thinking (A), PHIL 3003 Symbolic Logic (A) and PHIL 4003 Mathematical Logic and Computability), REL, TH, and foreign languages.
- b. Natural and Mathematical Sciences are defined as any course from the following prefixes: ASTR, BIOC, BIOL, CHEM, CS (except CS 4883 Social Issues in Computing), GEOL, MATH, MICR, PBIO, PHYS, and STAT; or courses from other departments that carry an (A) or (N) general education designation.
- c. The required six hours of upper-division General Education may not include courses from the student's major department. This requirement may be satisfied by courses also used to satisfy any part of a student's degree program (i.e., in General Education, College Departmental Requirements, Major Requirements or Electives).
- d. Non-Western Studies Requirement for B.A. and B.F.A.; One 3-hour course in Non-Western Studies (N.W.). This requirement may be satisfied by courses also used to satisfy any part of a student's degree program (i.e., in General Education, College Departmental Requirements, Major Requirements or Electives).
- e. The College of Arts & Sciences requires a minimum 2.0 GPA in all major requirements and a minimum 2.0 GPA in all major-prefix courses applied to the degree.

### 3. Foreign Language Proficiency

- a. The foreign language requirement for the B.A. may be satisfied by 9 hours college credit in the same language, which must include 3 hours at the 2000-level, or equivalent proficiency (e.g., passing an advanced standing examination; TOEFL exam; presenting a high school transcript which demonstrates the high school was primarily conducted in a language other than English; etc.). Computer Science courses may not be used to satisfy this requirement. Currently Arabic and Mvskoke are not offered at the 2000-level at OSU.
- b. The foreign language requirement for the B.S., B.M. and B.F.A. may be satisfied by presenting a high school transcript which demonstrates two years of study of a single foreign language (passing grades at second-year level of study). It may also be satisfied by 6 hours college credit in the same language, which must include language courses 1713 and 1813, or equivalent proficiency (e.g., passing an advanced standing examination; TOEFL exam; presenting a high school transcript which demonstrates the high school was primarily conducted in a language other than English; etc.). Computer Science courses may not be used to satisfy this requirement.

- c. In addition to a. and b., students pursuing teacher certification must meet novice-high foreign language proficiency by presenting a high school transcript which demonstrates two years of study of a single foreign language with no grade below B. Or, students may complete 3 hours college credit in a single language with no grade below C (or pass an advanced standing examination, College Level Examination Program (CLEP) exam, or Oral Proficiency Interview developed by the American Council on the Teaching of Foreign Languages, equivalent to 3 hours of college credit.) Or, students may meet the requirement by transfer of documentation of meeting the foreign language competency from one of the teacher education programs in the State of Oklahoma approved by the Oklahoma State Regents for Higher Education.

### 4. Exclusions

- a. Courses used to satisfy the General Education English Composition, U.S. History, American Government, and Mathematics or Statistics requirements will not count toward the 54-hour maximum allowed from one department.
- b. Courses with ATHL or LEIS prefixes and leisure activity courses may not be used for degree credit.

## Additional State/OSU Requirements

- At least: 60 hours at a four-year institution; 30 hours completed at OSU; 15 of the final 30 or 50% of the upper-division hours in the major field completed at OSU.
- Limit of: one-half of major course requirements as transfer work; one-fourth of hours earned by correspondence; 8 transfer correspondence hours.
- Students will be held responsible for degree requirements in effect at the time of matriculation and any changes that are made, so long as these changes do not result in semester credit hours being added or do not delay graduation.
- Degrees that follow this plan must be completed by the end of Summer 2028.

## English

The Department of English prides itself on the diversity of its course offerings and on its small lecture and discussion classes. The department offers a full range of courses in seven areas: literature, creative writing, screen studies, linguistics, teaching English as a second language, rhetoric and writing studies. The number of students in any English class rarely exceeds 30; and in first-year composition the enrollment limit is 19. The maximum number of students in a graduate-level class is 12.

An undergraduate English major may select from five options: the traditional literature-based option emphasizes literary appreciation and analysis and allows ample opportunity for discussion, independent thinking and writing. English majors can also add a teaching certificate to this option by completing the required education courses as electives. The creative writing option includes fiction writing, poetry writing and creative nonfiction, with emphasis on interactive workshop classes in which students hone their skills. The third option, screen studies, focuses on the study of the history, theory and aesthetics of cinema, television and new media. And the fourth option, rhetoric and writing studies, is for majors who seek careers in which their writing skills will be applied to the task of generating and exchanging ideas in professional settings. The fifth option is a pre-law track for students planning to go into the legal professions.

Many English majors pursue careers directly related to their major, such as those in teaching, editing or publishing, or they may decide to go to graduate school in order to teach in a college or university. Other students find that an English major is excellent preparation for law school or for careers in the ministry, government, business, counseling, social work or library science.

The Department of English actively participates in the University Honors Program. Students who qualify for Honors are eligible to enroll in restricted courses and to write a Senior Honors Thesis. The department offers Honors courses at all levels, including an Honors seminar on a different topic each year.

A Bachelor of Arts in English requires 45 hours of lower- and upper-division English courses. An English minor requires 18 hours of English, at least nine of which must be upper-division (These hours do not include Freshman Composition.). The department also offers minors in Creative Writing, Linguistics, Professional Writing, and Screen Studies. Undergraduate students majoring in English or in another discipline may also wish to earn a Certificate in TESOL (Teaching English to Speakers of Other Languages).

## Courses

### ENGL 0003 Academic English for Graduate Students

**Description:** Study and practice of English listening, reading and speaking skills required for graduate study. Graded on satisfactory-unsatisfactory basis.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** English

### ENGL 1010 Studies in English Composition

**Description:** Special study in composition to allow transfer students to fulfill general education requirements as established by Regent's policy. Offered for variable credit, 1-2 credit hours, maximum of 2 credit hours.

**Credit hours:** 1-2

**Contact hours:** Contact: 1-2 Other: 1-2

**Levels:** Undergraduate

**Schedule types:** Independent Study

**Department/School:** English

### ENGL 1113 Composition I

**Description:** The fundamentals of expository writing with emphasis on structure, development and style.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** English

### ENGL 1123 International Freshman Composition I

**Description:** Restricted to students whose native language is not English. Expository writing with emphasis on structure and development. Special attention to problems of English as a second language. This course may be substituted for ENGL 1113. Previously offered as ENGL 1013.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** English

### ENGL 1213 Composition II

**Prerequisites:** ENGL 1113 or ENGL 1123 or ENGL 1313.

**Description:** Expository composition with emphasis on technique and style through intensive and extensive readings.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** English

### ENGL 1223 International Freshman Composition II

**Prerequisites:** ENGL 1113 or ENGL 1123.

**Description:** Restricted to students whose native language is not English. Expository composition with emphasis on technique and style in writing research papers. May be substituted for ENGL 1213. Previously offered as ENGL 1033.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** English

### ENGL 1313 Critical Analysis and Writing I

**Description:** Expository writing forms, including summary, critique, and synthesis. Writing assignments based on readings from across the curriculum. May be substituted for ENGL 1113 for gifted writers who seek a more challenging course.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** English

**ENGL 1413 Critical Analysis and Writing II**

**Description:** Critical thinking, research, and writing skills necessary for success in courses across the curriculum. Some sections available for honors credit. May be substituted for ENGL 1213 for gifted writers who seek a more challenging course.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** English

**ENGL 1923 Great Works of Literature (H)**

**Description:** Some of the best literature of all time, from Ancient Greece to modern-day America. Works are set in their cultural and historical context, providing the chance to explore the art and life of different ages.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** English

**General Education and other Course Attributes:** Humanities

**ENGL 2233 Writing as a Profession (H)**

**Description:** An overview of genres and styles of writing in professional contexts, including organizations, science and industry.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** English

**General Education and other Course Attributes:** Humanities

**ENGL 2243 Language, Text and Culture (HI)**

**Description:** Investigation of how human language relates to culture.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** English

**General Education and other Course Attributes:** Humanities, International Dimension

**ENGL 2253 Theory and Practice of Digital Studies**

**Description:** Introduction to digital studies including historical, cultural, and technological contexts. Students will produce digital projects interrogating issues and challenges of digital cultures including webpages, podcasts, and infographics. No prior computer experience needed.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** English

**ENGL 2413 Exploring Literature (DH)**

**Description:** Readings from a wide range of literature depicting diverse experiences and identities. Class discussions cover literary forms and meanings, along with the imaginative depictions of different communities.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** English

**General Education and other Course Attributes:** Diversity, Humanities

**ENGL 2443 Languages of the World (I)**

**Description:** A comprehensive survey of world languages. The essential structural and historical organization of languages. The process of languages as a basic human function. Same course as FLL 2443.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** English

**General Education and other Course Attributes:** International Dimension

**ENGL 2453 Introduction to Film and Television (H)**

**Description:** Introduction to the formal analysis of moving images - film, television, and new media - in aesthetic, cultural, and political contexts. Students discuss and write about films and other moving images screened in class.

**Credit hours:** 3

**Contact hours:** Lecture: 2 Lab: 2 Contact: 4

**Levels:** Undergraduate

**Schedule types:** Lab, Lecture, Combined lecture and lab

**Department/School:** English

**General Education and other Course Attributes:** Humanities

**ENGL 2513 Introduction to Creative Writing (H)**

**Description:** Literary composition with emphasis on techniques and style through readings and writings in fiction, poetry and creative nonfiction.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** English

**General Education and other Course Attributes:** Humanities

**ENGL 2543 Survey of British Literature I (H)**

**Description:** The beginnings through the Neo-Classic Period.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** English

**General Education and other Course Attributes:** Humanities

**ENGL 2653 Survey of British Literature II (H)**

**Description:** The Romantic Period to the present.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** English

**General Education and other Course Attributes:** Humanities

**ENGL 2773 Survey of American Literature I (H)**

**Description:** The Puritans through the Romantic Period.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** English

**General Education and other Course Attributes:** Humanities

**ENGL 2883 Survey of American Literature II (DH)****Description:** The Romantic Period to the present.**Credit hours:** 3**Contact hours:** Lecture: 3 Contact: 3**Levels:** Undergraduate**Schedule types:** Lecture**Department/School:** English**General Education and other Course Attributes:** Diversity, Humanities**ENGL 2890 Honors Experience in English****Prerequisites:** Honors Program participation and concurrent enrollment in a designated ENGL course.**Description:** A supplemental Honors experience in English to partner concurrently with designated English course(s). This course adds a different intellectual dimension to the designated course(s). Offered for fixed credit, 1 credit hour, maximum of 6 credit hours.**Credit hours:** 1**Contact hours:** Lecture: 1 Contact: 1**Levels:** Undergraduate**Schedule types:** Lecture**Department/School:** English**General Education and other Course Attributes:** Honors Credit**ENGL 2963 Survey of Postcolonial and Indigenous Literatures (HI)****Description:** Introduction to the literature of the indigenous people and postcolonial nations of the world. Previously offered as ENGL 3173.**Credit hours:** 3**Contact hours:** Lecture: 3 Contact: 3**Levels:** Undergraduate**Schedule types:** Lecture**Department/School:** English**General Education and other Course Attributes:** Humanities, International Dimension**ENGL 3030 Fiction Writing****Prerequisites:** ENGL 2513.**Description:** Directed readings and practice in writing fiction with special attention to techniques. Previously offered as ENGL 3033. Offered for fixed credit, 3 credit hours, maximum of 6 credit hours.**Credit hours:** 3**Contact hours:** Lecture: 3 Contact: 3**Levels:** Undergraduate**Schedule types:** Lecture**Department/School:** English**ENGL 3040 Poetry Writing****Prerequisites:** ENGL 2513.**Description:** Directed readings and practice in writing poetry with special attention to techniques. Offered for fixed credit, 3 credit hours, maximum of 6 credit hours.**Credit hours:** 3**Contact hours:** Lecture: 3 Contact: 3**Levels:** Undergraduate**Schedule types:** Lecture**Department/School:** English**ENGL 3060 Creative Nonfiction Writing****Prerequisites:** ENGL 2513.**Description:** Directed readings and practice in writing nonfiction with special attention to techniques. Offered for fixed credit, 3 credit hours, maximum of 6 credit hours.**Credit hours:** 3**Contact hours:** Lecture: 3 Contact: 3**Levels:** Undergraduate**Schedule types:** Lecture**Department/School:** English**ENGL 3073 Film Production****Description:** An overview of film production introducing students pre-production; the basics of on-set production; and the mechanics of camera operation and editing software.**Credit hours:** 3**Contact hours:** Lecture: 3 Contact: 3**Levels:** Undergraduate**Schedule types:** Lecture**Department/School:** English**ENGL 3123 Mythology (H)****Description:** Myths, their cultural context, and their place in world literature. Same course as LATN 3123.**Credit hours:** 3**Contact hours:** Lecture: 3 Contact: 3**Levels:** Undergraduate**Schedule types:** Lecture**Department/School:** English**General Education and other Course Attributes:** Humanities**ENGL 3133 Readings in Multi-Ethnic American Literature****Description:** Literature by American writers of diverse ethnicities.**Credit hours:** 3**Contact hours:** Lecture: 3 Contact: 3**Levels:** Undergraduate**Schedule types:** Lecture**Department/School:** English**ENGL 3143 Readings in Postcolonial Literature (HI)****Description:** Literature in English by writers from parts of the world once colonized by the West.**Credit hours:** 3**Contact hours:** Lecture: 3 Contact: 3**Levels:** Undergraduate**Schedule types:** Lecture**Department/School:** English**General Education and other Course Attributes:** Humanities, International Dimension**ENGL 3153 Readings in Literature by Women (DH)****Description:** The collection of literature written by women in England and America, classical and modern figures. Previously offered as ENGL 4773.**Credit hours:** 3**Contact hours:** Lecture: 3 Contact: 3**Levels:** Undergraduate**Schedule types:** Lecture**Department/School:** English**General Education and other Course Attributes:** Diversity, Humanities



**ENGL 3163 Literatures of the Ancient World (H)**

**Description:** Readings and topics in the cultures and literatures of the ancient world.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** English

**General Education and other Course Attributes:** Humanities

**ENGL 3170 Readings in Literature and Other Disciplines**

**Description:** A study of literature and its historical or thematic connections to one or more of the fine arts or disciplines in the humanities or social sciences. Offered for fixed credit, 3 credit hours, maximum of 6 credit hours.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** English

**ENGL 3183 Native American Literature (DH)**

**Description:** Origins and development of a literary tradition in its historical and cultural context.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** English

**General Education and other Course Attributes:** Diversity, Humanities

**ENGL 3190 Readings in Postcolonial and Multiethnic Literature**

**Description:** Principal literary and critical texts written in English either by writers from parts of the world once colonized by the West or by American writers of different ethnic origins whose work bridges cultures. Offered for fixed credit, 3 credit hours, maximum of 6 credit hours.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** English

**ENGL 3193 African-American Literature (DH)**

**Description:** Origins and development of a literary tradition in its historical and cultural context.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** English

**General Education and other Course Attributes:** Diversity, Humanities

**ENGL 3200 Special Problems in Language and Literature**

**Prerequisites:** 9 credit hours of English.

**Description:** Specialized readings and independent study. Offered for variable credit, 1-3 credit hours, maximum of 3 credit hours.

**Credit hours:** 1-3

**Contact hours:** Contact: 1-3 Other: 1-3

**Levels:** Undergraduate

**Schedule types:** Independent Study

**Department/School:** English

**ENGL 3203 Advanced Composition**

**Prerequisites:** 9 hours of English.

**Description:** An advanced writing course based on contemporary theories of composition.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** English

**ENGL 3223 Professional Writing Theory**

**Description:** Major theories, issues and methodologies in professional writing.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** English

**ENGL 3243 Literary Theory and Criticism**

**Description:** Study of the major works of critical theory and literary criticism.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** English

**ENGL 3263 Film & TV Criticism**

**Description:** An inquiry into the major concepts and debates of mass-media theory. Issues addressed include the nature of the relation between images and reality; the psychological and cultural significance of style in film, television, and new media representations; and the role that mass-media play in the organization of social and political relations.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** English

**ENGL 3323 Technical Writing**

**Prerequisites:** ENGL 1113 or ENGL 1213 or ENGL 1313 and junior standing.

**Description:** Applied writing in areas of specialization. Intensive practice in professional/technical writing genres, styles, research techniques and editing for specialized audiences. This course may be substituted for ENGL 1213 with an "A" or "B" in ENGL 1113 and consent of the student's college.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** English

**ENGL 3333 Short Story (H)**

**Description:** Origins, development, theory and craft of the short story.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** English

**General Education and other Course Attributes:** Humanities



**ENGL 3343 Reading Poetry**

**Description:** This course in poetic literacy will introduce students to the major poetic forms, to changes in aesthetics of poetry over time, to figurative language, to prosody, to the particular interpretative skills required to understand and write about the genre.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** English

**ENGL 3353 Film and Literature**

**Description:** A study of film and literature in relation, whether by way of adaptation studies, the distinct "grammars" of images and language, or the emergence of film and literary forms alongside each other in aesthetic movements.

**Credit hours:** 3

**Contact hours:** Lecture: 2 Lab: 2 Contact: 4

**Levels:** Undergraduate

**Schedule types:** Lab, Lecture, Combined lecture and lab

**Department/School:** English

**ENGL 3363 Readings in Drama (H)**

**Description:** Close study of representative plays of various periods (for example, Classical, Renaissance, Restoration, Modern, and others) and of the main formal categories (tragedy, comedy).

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** English

**General Education and other Course Attributes:** Humanities

**ENGL 3373 Readings in Nonfiction**

**Description:** Theory and practice of creative nonfiction in English, including autobiography, travel writing, literary journalism, correspondence and the essay.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** English

**ENGL 3383 Readings in Narrative**

**Description:** Readings in narrative of different periods and different genres.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** English

**ENGL 3410 Popular Fiction**

**Description:** Study of certain popular genres of fiction including science fiction, detective fiction, Western fiction, horror and the grotesque, the romance, American humor. Course content varies by semester. Exploration of the characteristics and evolution of the genre while developing skills in reading, writing and thinking critically. Offered for fixed credit, 3 credit hours, maximum of 6 credit hours.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** English

**ENGL 3433 Introduction to Television Studies (H)**

**Description:** A focused examination of one aspect of television culture, technology, history and/or style. While the particular topics to be considered vary, and include everything from TV genres to TV theories, in each instance the course gives students an in-depth understanding of how television shapes the social and political world in which we live. Previously offered as ENGL 3430.

**Credit hours:** 3

**Contact hours:** Lecture: 2 Lab: 2 Contact: 4

**Levels:** Undergraduate

**Schedule types:** Lab, Lecture, Combined lecture and lab

**Department/School:** English

**General Education and other Course Attributes:** Humanities

**ENGL 3440 Studies in Film Genre**

**Description:** A comparative study of types of films both inside the Hollywood system and in other national cinemas. The western, the film noir and the musical, as well as genres from such countries as France, Germany and Japan. Focused knowledge of selected genres, a sense of the economic imperatives that necessitate generic "contracts" between film producers and viewers and knowledge of the history of specific genres. Previously offered as ENGL 3443. Offered for fixed credit, 3 credit hours, maximum of 6 credit hours.

**Credit hours:** 3

**Contact hours:** Lecture: 2 Lab: 2 Contact: 4

**Levels:** Undergraduate

**Schedule types:** Lab, Lecture, Combined lecture and lab

**Department/School:** English

**ENGL 3453 History of American Film (H)**

**Description:** Examines the history of cinema in the U.S. from its beginnings until the present, addressing such issues as: the origins of cinema, the coming of sound, American film genres, the Hollywood studio system, censorship, the challenge of television, the new American cinema of the 1970s, the politics of independent film production, and the rise of computer-generated imagery.

**Credit hours:** 3

**Contact hours:** Lecture: 2 Lab: 2 Contact: 4

**Levels:** Undergraduate

**Schedule types:** Lab, Lecture, Combined lecture and lab

**Department/School:** English

**General Education and other Course Attributes:** Humanities

**ENGL 3463 History of International Film (HI)**

**Description:** Introduction to the history of international cinema and the principal eras in film history, focusing on the moments when different national cinemas flourished.

**Credit hours:** 3

**Contact hours:** Lecture: 2 Lab: 2 Contact: 4

**Levels:** Undergraduate

**Schedule types:** Lab, Lecture, Combined lecture and lab

**Department/School:** English

**General Education and other Course Attributes:** Humanities, International Dimension

**ENGL 3473 Race, Gender, and Ethnicity in American Film (D)**

**Description:** A survey of race, gender, and ethnicity as they have been represented in American films. Same course as AMST 3473.

**Credit hours:** 3

**Contact hours:** Lecture: 2 Lab: 2 Contact: 4

**Levels:** Undergraduate

**Schedule types:** Lab, Lecture, Combined lecture and lab

**Department/School:** English

**General Education and other Course Attributes:** Diversity

**ENGL 3483 Screenwriting**

**Description:** Introduction to the craft of screenwriting. Students will write and workshop their own screenplays and treatments.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** English

**ENGL 3503 Television and American Society (DH)**

**Description:** Examination of television within the social and cultural context of the U.S. Looks at the aesthetic and industrial practices that shape representation on TV and the effects of those practices, particularly for socially disempowered groups. Same course as AMST 3503.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** English

**General Education and other Course Attributes:** Diversity, Humanities

**ENGL 3813 Readings in the American Experience (DH)**

**Description:** Life in the New World from the colonial to the postmodern era using a multiplicity of interdisciplinary texts that demonstrate the emergence and ongoing evolution of distinctive American identities. Same course as AMST 3813.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** English

**General Education and other Course Attributes:** Diversity, Humanities

**ENGL 3890 Advanced Honors Experience in English**

**Prerequisites:** Honors Program participation and concurrent enrollment in a designated ENGL course.

**Description:** A supplemental advanced honors experience in English to partner concurrently with designated upper-division English course(s). This course adds a different intellectual dimension to the designated course(s). Offered for fixed credit, 1 credit hour, maximum of 6 credit hours.

**Credit hours:** 1

**Contact hours:** Lecture: 1 Contact: 1

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** English

**General Education and other Course Attributes:** Honors Credit

**ENGL 3903 Writing Center Theory and Practice**

**Prerequisites:** Six hours English or consent of instructor.

**Description:** Writing center research with practical applications in writing instruction.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Lab: 4 Contact: 7

**Levels:** Undergraduate

**Schedule types:** Lab, Lecture, Combined lecture and lab

**Department/School:** English

**ENGL 3933 Shakespeare (H)**

**Description:** Recurring themes and their variations in Shakespeare's work. Nature of these genres in the period and Shakespeare's innovations. The structure and language of the plays, occasional examination of historical documents and contexts, modern performances, and critical essays.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** English

**General Education and other Course Attributes:** Humanities

**ENGL 4003 History of the English Language**

**Description:** The growth of the English language.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** English

**ENGL 4013 English Grammar**

**Description:** The traditional terminology and concepts of English grammar leading or evolving into the several current systems of description. May not be used for degree credit with ENGL 5130.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** English

**ENGL 4033 Discourse Analysis**

**Description:** Introduction to the analysis of the language used in spoken and written discourse contexts in a variety of genres. May not be used for degree credit with ENGL 5340.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** English

**ENGL 4043 Teaching English to Speakers of Other Languages**

**Description:** Designed to develop the skills and techniques needed in teaching English to speakers of other languages (TESOL). Examines the theoretical issues behind the practice and methodologies and classroom techniques, including the testing of English and the selection and preparation of teaching materials.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** English

**ENGL 4053 Film Directing**

**Description:** An overview of film direction introducing students to the dramatic elements of film production and best practices for working with cast and crew by way of hands-on experience of film directing.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** English

**ENGL 4063 Introduction to Descriptive Linguistics**

**Description:** The methodology of linguistic analysis. May not be used for degree credit with ENGL 5143.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** English

**ENGL 4073 Introduction to Sociolinguistics**

**Description:** The study of how languages and varieties vary in social contexts and how they are regarded. May not be used for degree credit with ENGL 5173.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** English

**ENGL 4080 Studies in Linguistics**

**Description:** Study of a topic in linguistics, chosen at the instructor's discretion. May not be used for degree credit with ENGL 5140 or ENGL 6410. Offered for fixed credit, 3 credit hours, maximum of 6 credit hours.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** English

**ENGL 4083 Applied Linguistics**

**Description:** Introduction to the applied study of language in use, including aspects of discourse, power, identity, and language choice among other topics.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** English

**ENGL 4093 Language in America (DS)**

**Description:** Historical development of American English. Regional, social and cultural language differences.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** English

**General Education and other Course Attributes:** Diversity, Social & Behavioral Sciences

**ENGL 4100 Studies in Medieval British Literature**

**Description:** Special topics encompassing the many different ethnic traditions and genres found in medieval British literature. Offered for fixed credit, 3 credit hours, maximum of 6 credit hours.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** English

**ENGL 4110 Studies in 16th Century British Literature**

**Description:** Literature themes of the English Renaissance focusing on related authors and topics. Authors include Shakespeare, Spenser, Sidney, Marlowe, Raleigh, Wyatt, and Surrey. Offered for fixed credit, 3 credit hours, maximum of 6 credit hours.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** English

**ENGL 4120 Studies in 17th Century British Literature**

**Description:** Obtaining an understanding of 17th century British literature while developing skills as a critical thinker, a reader of literary texts and a writer of expository prose. Offered for fixed credit, 3 credit hours, maximum of 6 credit hours.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** English

**ENGL 4130 Studies in 18th Century British Literature**

**Description:** Selected topics in British literature from 1660-1800. Various writers and their works and themes and literary developments of the period. Topics vary by semester. Offered for fixed credit, 3 credit hours, maximum of 6 credit hours.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** English

**ENGL 4143 Language and Technology**

**Description:** Introduction to the use of linguistic knowledge in computer applications today. How the study of language has contributed to the advancement of technology and how certain computational problems have influenced the way linguists study language.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** English

**ENGL 4160 Studies in 19th Century British Literature**

**Description:** Exploration of the literary culture of nineteenth-century Britain. Topics might range from romantic poetry to the Victorian novel. Offered for fixed credit, 3 credit hours, maximum of 6 credit hours.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** English

**ENGL 4170 Studies in 20th Century British Literature**

**Description:** Various topics focusing on the literature and culture of Britain and Ireland, such as 20th century British and Irish fiction, poetry, or drama; The City; The Irish Renaissance. Offered for fixed credit, 3 credit hours, maximum of 6 credit hours.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** English

**ENGL 4180 Internship in TESL**

**Prerequisites:** ENGL 4043 or CIED 4133 or permission from instructor.  
 Note: CIED 4133 (formerly EDUC 4110) has been submitted for approval for a name change.

**Description:** This internship is designed to provide instructional support and professional mentoring for students seeking the undergraduate certificate in TESOL (Teaching English to Speakers of Other Languages). Previously offered as ENGL 4173. Offered for variable credit, 3-4 credit hours, maximum of 4 credit hours.

**Credit hours:** 3-4

**Contact hours:** Contact: 3-4 Other: 3-4

**Levels:** Undergraduate

**Schedule types:** Independent Study

**Department/School:** English

**ENGL 4200 Studies in Early American Literature**

**Description:** Readings and topics in early American literature and culture. Offered for fixed credit, 3 credit hours, maximum of 6 credit hours.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** English

**ENGL 4210 Studies in 19th Century American Literature**

**Description:** Themes in 19th century American literature with attention to social and cultural contexts. Offered for fixed credit, 3 credit hours, maximum of 6 credit hours.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** English

**ENGL 4220 Studies in 20th Century American Literature**

**Description:** Topics focusing on the literature and culture of the United States, such as 20th century American fiction, poetry, or drama; alienation and activism; the impact of science and technology. Offered for fixed credit, 3 credit hours, maximum of 6 credit hours.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** English

**ENGL 4223 Introduction to Old English**

**Description:** The basics of pronunciation, vocabulary, and grammar, enabling students to read short works in prose and poetry. Previously offered as ENGL 5023.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** English

**ENGL 4230 Literature of Diversity (DH)**

**Description:** Readings on topics such as gender, race, ethnicity, sexuality, disability, and class. Offered for fixed credit, 3 credit hours, maximum of 6 credit hours.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** English

**General Education and other Course Attributes:** Diversity, Humanities

**ENGL 4263 Moving Image Aesthetics (H)**

**Description:** A historical and theoretical examination of the stylistic and affective dimension of moving images, including questions of beauty and ugliness, cuteness and the graphic, enjoyment and disgust, high and low culture. Screenings will vary from semester to semester, but may include examples of realism, lo-fi production, prestige pictures, documentary, music videos and cult cinema, and will include material from both American and international contexts.

**Credit hours:** 3

**Contact hours:** Lecture: 2 Lab: 2 Contact: 4

**Levels:** Undergraduate

**Schedule types:** Lab, Lecture, Combined lecture and lab

**Department/School:** English

**General Education and other Course Attributes:** Humanities

**ENGL 4300 Studies in Romanticism**

**Description:** Principle works of Romanticism, reflecting the cultural, social, and political developments. Offered for fixed credit, 3 credit hours, maximum of 6 credit hours.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** English

**ENGL 4310 Studies in Modernism**

**Description:** Selected topics in literature of the early twentieth century. Texts and themes will vary by semester. Offered for fixed credit, 3 credit hours, maximum of 6 credit hours.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** English

**ENGL 4320 Contemporary Literature**

**Description:** Studies and topics in contemporary literature. Offered for fixed credit, 3 credit hours, maximum of 6 credit hours.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** English

**ENGL 4333 Studies in Native American Literature**

**Description:** Readings and topics in Native American Literature and culture. Previously offered as ENGL 4330.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** English

**ENGL 4340 Studies in Postcolonial and Multi-ethnic Literature**

**Description:** Readings and topics in postcolonial literature and culture or multiethnic literature and culture. Offered for variable credit, 3 credit hours, maximum of 6 credit hours.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** English

**ENGL 4350 Contemporary International Cinema**

**Description:** Examines major trends in contemporary international cinema of the last fifteen years. National cinema may include France, Germany, Italy, Spain, Sweden, China, Taiwan, India, South Korea, and Russia, amongst others. Offered for fixed credit, 3 credit hours, maximum of 6 credit hours.

**Credit hours:** 3

**Contact hours:** Lecture: 2 Lab: 2 Contact: 4

**Levels:** Undergraduate

**Schedule types:** Lab, Lecture, Combined lecture and lab

**Department/School:** English

**ENGL 4400 Studies in Regional Literature**

**Description:** Literature of a nation such as Ireland or Canada, or of a region such as the American Southwest. Topic varies by semester. Offered for fixed credit, 3 credit hours, maximum of 6 credit hours.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** English

**ENGL 4450 Culture and the Moving Image**

**Prerequisites:** ENGL 2453.

**Description:** An advanced class that examines in-depth the relation between moving images and a particular cultural phenomenon, including mass media and the production of violence, the moving image as common culture, television and the construction of domestic life, to name only a few possibilities. Offered for fixed credit, 3 credit hours, maximum of 9 credit hours.

**Credit hours:** 3

**Contact hours:** Lecture: 2 Lab: 2 Contact: 4

**Levels:** Undergraduate

**Schedule types:** Lab, Lecture, Combined lecture and lab

**Department/School:** English

**ENGL 4520 Problems in English**

**Prerequisites:** 12 credit hours of English.

**Description:** Specialized readings and independent studies. May not be used for degree credit with ENGL 5990. Offered for variable credit, 1-3 credit hours, maximum of 6 credit hours.

**Credit hours:** 1-3

**Contact hours:** Contact: 1-3 Other: 1-3

**Levels:** Undergraduate

**Schedule types:** Independent Study

**Department/School:** English

**ENGL 4523 Professional Writing Internship**

**Prerequisites:** ENGL 4543 and ENGL 4553 or permission of instructor.

**Description:** Supervised work-and-learning experience in writing, editing, document design, and research in the workplace. May not be used for degree credit with ENGL 5520.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** English

**ENGL 4530 Studies in Professional Writing**

**Prerequisites:** Six credit hours of English.

**Description:** Selected topics in professional writing, focusing on a particular theme, issue or theoretical approach. Previously offered as ENGL 4533. Offered for fixed credit, 3 credit hours, maximum of 9 credit hours. May not be used for degree credit with ENGL 5560.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** English

**ENGL 4543 Style and Editing**

**Description:** An intensive study of writing style and editing from the sentence level (including diction and grammatical arrangement) to the levels of genres of communication. Writing assignments on style for different audiences. May not be used for degree credit with ENGL 5593.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** English

**ENGL 4553 Visual Rhetoric and Design**

**Description:** Major theories, issues, and methodologies in visual rhetoric and design. Practice of theory through guided composing work. May not be used for degree credit with ENGL 5553.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** English

**ENGL 4573 Games and Writing**

**Description:** Major theories, practices, and methods of digital and procedural rhetorics. Students will study, analyze, and design games, with special emphasis on how they make persuasive appeals through software and code.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** English

**ENGL 4583 Writing for the Public**

**Description:** Examination and practice of writing for varied publics. Students will produce projects grounded in public advocacy, nonprofit, and/or community sites situated in local, national, and/or web spaces.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** English



**ENGL 4593 Writing Across the Disciplines**

**Description:** A course that explores writing in multiple disciplinary contexts and the complexities that come with entering a particular academic discourse community. We will examine writing in STEM, the social sciences, and the humanities and analyze the ways in which writing in these disciplines changes and adapts. This course aims to help students understand different rhetorical moves made in discipline-specific writing and how this knowledge transfers to their own writing abilities and growth.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** English

**ENGL 4600 Studies in Chaucer or Milton**

**Description:** Various topics focusing on the works of Chaucer or Milton. Offered for fixed credit, 3 credit hours, maximum of 6 credit hours.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** English

**ENGL 4620 Advanced Creative Nonfiction Writing**

**Prerequisites:** ENGL 3030 or ENGL 3040.

**Description:** Intensive practice in creative nonfiction writing. Previously offered as ENGL 4460. May not be used for degree credit with ENGL 5720 or ENGL 6160. Offered for fixed credit, 3 credit hours, maximum of 6 credit hours.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** English

**ENGL 4630 Advanced Fiction Writing**

**Prerequisites:** ENGL 3030.

**Description:** Intensive practice in fiction writing. Previously offered as ENGL 4633. May not be used for degree credit with ENGL 5730 or ENGL 6130. Offered for fixed credit, 3 credit hours, maximum of 6 credit hours.

**Credit hours:** 3

**Contact hours:** Contact: 3 Other: 3

**Levels:** Undergraduate

**Schedule types:** Independent Study

**Department/School:** English

**ENGL 4640 Advanced Poetry Writing**

**Prerequisites:** ENGL 3040.

**Description:** Intensive practice in poetry writing. Previously offered as ENGL 4643. May not be used for degree credit with ENGL 5740 or ENGL 6140. Offered for fixed credit, 3 credit hours, maximum of 6 credit hours.

**Credit hours:** 3

**Contact hours:** Contact: 3 Other: 3

**Levels:** Undergraduate

**Schedule types:** Independent Study

**Department/School:** English

**ENGL 4700 Single Author or Work Pre-1800**

**Description:** Study of a single author or work prior to 1800 along with supporting literature. Chosen at the instructor's discretion. Offered for fixed credit, 3 credit hours, maximum of 6 credit hours.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** English

**ENGL 4710 Single Author or Work Post-1800**

**Description:** Study of a single author or work after 1800 along with supporting literature. Chosen at the instructor's discretion. Offered for fixed credit, 3 credit hours, maximum of 6 credit hours.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** English

**ENGL 4723 Studies in Shakespeare (H)**

**Description:** Focus on advanced topics in major plays and selected criticism.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** English

**General Education and other Course Attributes:** Humanities

**ENGL 4993 Senior Honors Thesis**

**Prerequisites:** Admission to Arts and Sciences Honors Program and 3.50 cumulative GPA. For Honors students in their final semester.

**Description:** Thesis written on a topic of student's choice and directed by a faculty member. Final approval of thesis requires oral defense.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** English

**General Education and other Course Attributes:** Honors Credit

**ENGL 5000 Master's Thesis**

**Description:** MA thesis. Offered for variable credit, 1-9 credit hours, maximum of 12 credit hours.

**Credit hours:** 1-9

**Contact hours:** Contact: 1-9 Other: 1-9

**Levels:** Graduate

**Schedule types:** Independent Study

**Department/School:** English

**ENGL 5013 Introduction to Graduate Studies**

**Description:** Principles and procedures in scholarly research.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Graduate

**Schedule types:** Lecture

**Department/School:** English



**ENGL 5063 Seminar in Shakespeare**

**Description:** Intensive study of a limited number of plays. Assignment of problems to individual students.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Graduate

**Schedule types:** Lecture

**Department/School:** English

**ENGL 5093 Seminar in Milton**

**Description:** Poetry, major prose and criticism.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Graduate

**Schedule types:** Lecture

**Department/School:** English

**ENGL 5120 Studies in Teaching English as a Second Language**

**Description:** Selected topics in teaching English as a second language; e.g. cross-cultural communication, materials preparation, bilingual education. Offered for variable credit, 1-3 credit hours, maximum of 6 credit hours.

**Credit hours:** 1-3

**Contact hours:** Contact: 1-3 Other: 1-3

**Levels:** Graduate

**Schedule types:** Independent Study

**Department/School:** English

**ENGL 5123 Approaches to Language Acquisition**

**Description:** An overview of theories of first and second language acquisition.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Graduate

**Schedule types:** Lecture

**Department/School:** English

**ENGL 5130 Studies in English Grammar**

**Description:** Selected study of current topics in grammatical theory as it applies to the teaching of English. Offered for fixed credit, 3 credit hours, maximum of 6 credit hours.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Graduate

**Schedule types:** Lecture

**Department/School:** English

**ENGL 5133 Phonetics and Phonology**

**Description:** Exploration of fundamental aspects of the use of sound in human language.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Graduate

**Schedule types:** Lecture

**Department/School:** English

**ENGL 5140 Seminar in Linguistics**

**Description:** Selective study of current topics in linguistics. May not be used for degree credit with ENGL 4080. Offered for fixed credit, 3 credit hours, maximum of 6 credit hours.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Graduate

**Schedule types:** Lecture

**Department/School:** English

**ENGL 5143 Descriptive Linguistics**

**Description:** An introduction to phonology, morphology, syntax and semantics. May not be used for degree credit with ENGL 4063.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Graduate

**Schedule types:** Lecture

**Department/School:** English

**ENGL 5153 Syntax**

**Description:** The study of the principles and rules for constructing phrases and sentences in natural languages.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Graduate

**Schedule types:** Lecture

**Department/School:** English

**ENGL 5163 Middle English Literature**

**Description:** Major works in Middle English.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Graduate

**Schedule types:** Lecture

**Department/School:** English

**ENGL 5173 Sociolinguistics**

**Description:** Introduction to linguistic change and variation in speech communities, focusing on the methods of data collection and analysis. May not be used for degree credit with ENGL 4073.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Graduate

**Schedule types:** Lecture

**Department/School:** English

**ENGL 5183 Acoustic Phonetics**

**Description:** An introduction to acoustic phonetics. Students will learn basic principles of the acoustics of speech sounds, develop practical skills in instrumental measurement, and learn how acoustic data can answer questions about sounds and sound patterns in language.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Graduate

**Schedule types:** Lecture

**Department/School:** English

**ENGL 5201 Writing Center Theory and Pedagogy**

**Description:** The study of writing center theory and practice with the goal of application to one-to-one pedagogy.

**Credit hours:** 1

**Contact hours:** Lecture: 1 Contact: 1

**Levels:** Graduate

**Schedule types:** Lecture

**Department/School:** English

**ENGL 5210 Sem or Directed Study**

**Description:** Specialized readings or independent studies. Offered for variable credit, 1-6 credit hours, maximum of 9 credit hours.

**Credit hours:** 1-6

**Contact hours:** Contact: 1-6 Other: 1-6

**Levels:** Graduate

**Schedule types:** Independent Study

**Department/School:** English

**ENGL 5213 Composition Theory and Pedagogy**

**Description:** The study of methods and materials for effective one-to-one and one-to-many teaching.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Graduate

**Schedule types:** Lecture

**Department/School:** English

**ENGL 5223 Professional Writing Theory and Pedagogy**

**Description:** The study of the needs of students in technical and professional writing service courses, major approaches to teaching professional writing, and the genres often taught in professional writing service courses.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Graduate

**Schedule types:** Lecture

**Department/School:** English

**ENGL 5243 Teaching English as a Second Language**

**Description:** Materials and methods of second language instruction.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Graduate

**Schedule types:** Lecture

**Department/School:** English

**ENGL 5313 Internship, Teaching English as a Second Language**

**Description:** Supervised teaching of beginning through advanced English as a second language courses.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Graduate

**Schedule types:** Lecture

**Department/School:** English

**ENGL 5333 Second Language Assessment**

**Description:** Introduction to the fundamental principles of second and foreign language assessment, including theories of language testing and practical aspects of developing and using language tests. Topics include test design, construction, administration and scoring, psychometric and measurement concepts, basic statistics, as well as test analysis and reporting.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Graduate

**Schedule types:** Lecture

**Department/School:** English

**ENGL 5340 Studies in Discourse Analysis**

**Description:** Selected topics in the study of language in use in spoken or written contexts. May not be used for degree credit with ENGL 4033. Offered for fixed credit, 3 credit hours, maximum of 9 credit hours.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Graduate

**Schedule types:** Lecture

**Department/School:** English

**ENGL 5353 Studies in the History of Rhetoric**

**Description:** An exploration of selected topics and texts in the history of Western and non-Western rhetoric from the classical period to the present.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Graduate

**Schedule types:** Lecture

**Department/School:** English

**ENGL 5360 Seminar in Screen Studies**

**Description:** The exploration of key aesthetic issues of analysis and evaluation as they pertain to film criticism. Previously offered as ENGL 5463. Offered for fixed credit, 3 credit hours, maximum of 9 credit hours.

**Credit hours:** 3

**Contact hours:** Lecture: 2 Lab: 2 Contact: 4

**Levels:** Graduate

**Schedule types:** Lab, Lecture, Combined lecture and lab

**Department/School:** English

**Additional Fees:** English Film, Video fee of \$10 applies.

**ENGL 5363 Critical Approaches to Screen Studies: Theory and History**

**Description:** Designed to provide students with an overview of fundamental theoretical and historical scholarship in film and television studies.

**Credit hours:** 3

**Contact hours:** Lecture: 2 Lab: 2 Contact: 4

**Levels:** Graduate

**Schedule types:** Lab, Lecture, Combined lecture and lab

**Department/School:** English

**ENGL 5370 Studies in Television and New Media**

**Description:** Exploration of aesthetic, cultural, and ideological aspects of television and new media in the United States and abroad. Offered for fixed credit, 3 credit hours, maximum of 9 credit hours.

**Credit hours:** 3

**Contact hours:** Lecture: 2 Lab: 2 Contact: 4

**Levels:** Graduate

**Schedule types:** Lab, Lecture, Combined lecture and lab

**Department/School:** English

**ENGL 5410 Seminar in British Literature of the 16th Century**

**Description:** Selected writers and their works, themes and literary developments of the 16th century. Offered for fixed credit, 3 credit hours, maximum of 9 credit hours.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Graduate

**Schedule types:** Lecture

**Department/School:** English

**ENGL 5420 Seminar in British Literature of the 17th Century**

**Description:** Selected writers and their works, themes and literary developments of the 17th century. Offered for fixed credit, 3 credit hours, maximum of 9 credit hours.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Graduate

**Schedule types:** Lecture

**Department/School:** English

**ENGL 5440 Seminar in British Literature of the 18th Century**

**Description:** Selected writers and their works, themes and literary developments of the 18th century. Offered for fixed credit, 3 credit hours, maximum of 9 credit hours.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Graduate

**Schedule types:** Lecture

**Department/School:** English

**ENGL 5460 Seminar in British Literature of the 19th Century**

**Description:** Selected writers and their works, themes and literary developments of the 19th century. Offered for fixed credit, 3 credit hours, maximum of 9 credit hours.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Graduate

**Schedule types:** Lecture

**Department/School:** English

**ENGL 5480 Seminar in Modern Literature**

**Description:** Selected writers and their works, themes and literary developments of modern literature. Offered for fixed credit, 3 credit hours, maximum of 9 credit hours.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Graduate

**Schedule types:** Lecture

**Department/School:** English

**ENGL 5520 Internship in Professional Writing**

**Prerequisites:** Permission of department.

**Description:** Supervised work-and-learning experience in writing, editing, document design, and research in the workplace. May not be used for degree credit with ENGL 4523. Offered for fixed credit, 3 credit hours, maximum of 6 credit hours.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Graduate

**Schedule types:** Lecture

**Department/School:** English

**ENGL 5523 Genres in Professional Writing**

**Description:** The study of the current status of genre in professional writing theories and its crucial role in professional writing practices.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Graduate

**Schedule types:** Lecture

**Department/School:** English

**ENGL 5553 Studies in Visual Rhetoric and Design**

**Description:** Advanced study of design and visual rhetorical theory. Practice of theory through guided composing work. May not be used for degree credit with ENGL 4553.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Graduate

**Schedule types:** Lecture

**Department/School:** English

**ENGL 5560 Seminar in Professional Writing**

**Description:** Advanced study of selected theories, themes, methods, debates, and developments in professional writing. May not be used for degree credit with ENGL 4530. Offered for variable credit, 3-9 credit hours, maximum of 9 credit hours.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Graduate

**Schedule types:** Lecture

**Department/School:** English

**ENGL 5583 Environmental Writing**

**Description:** Consideration of the historical, political, cultural, and ethical contexts of modern environmentalism and examination of the rhetorical strategies in several types of environmental discourse. Major writing project tailored to individual research interests and career goals.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Graduate

**Schedule types:** Lecture

**Department/School:** English

**ENGL 5593 Seminar in Style and Editing**

**Description:** An advanced study of writing style and editing from the sentence level (including diction and grammatical arrangement) to the levels of genres of communication. Writing assignments on style for different audiences. May not be used for degree credit with ENGL 4543.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Graduate

**Schedule types:** Lecture

**Department/School:** English

**ENGL 5630 Seminar in Early American Literature**

**Description:** Selected writers and their works, themes and literary developments of the 17th and 18th centuries. Offered for fixed credit, 3 credit hours, maximum of 9 credit hours.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Graduate

**Schedule types:** Lecture

**Department/School:** English

**ENGL 5660 Seminar in American Literature of the 19th Century**

**Description:** Selected writers and their works, themes and literary developments of the 19th century. Offered for fixed credit, 3 credit hours, maximum of 9 credit hours.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Graduate

**Schedule types:** Lecture

**Department/School:** English

**ENGL 5680 Seminar in Contemporary Literature**

**Description:** Selected writers and their works, themes and literary developments in contemporary literature. Offered for fixed credit, 3 credit hours, maximum of 9 credit hours.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Graduate

**Schedule types:** Lecture

**Department/School:** English

**ENGL 5693 Research Writing for International Graduate Students**

**Description:** Analysis and practice in the grammar and rhetorical structures specific to writing research papers in the disciplines.

Previously offered as ENGL 4893.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Graduate

**Schedule types:** Lecture

**Department/School:** English

**ENGL 5720 Seminar in Creative Nonfiction**

**Prerequisites:** Admission to MFA or PhD in Creative Writing or consent of instructor.

**Description:** Writing creative nonfiction at the professional level. Offered for fixed credit, 3 credit hours, maximum of 9 credit hours.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Graduate

**Schedule types:** Lecture

**Department/School:** English

**ENGL 5730 Seminar in Fiction Writing**

**Prerequisites:** Admission to MFA or PhD in Creative Writing or consent of instructor.

**Description:** Writing fiction at the professional level. May not be used for degree credit with ENGL 4630. Offered for fixed credit, 3 credit hours, maximum of 9 credit hours.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Graduate

**Schedule types:** Lecture

**Department/School:** English

**ENGL 5740 Seminar in Poetry Writing**

**Prerequisites:** Admission to MFA or PhD in Creative Writing or consent of instructor.

**Description:** Writing poetry at the professional level. May not be used for degree credit with ENGL 4640. Offered for fixed credit, 3 credit hours, maximum of 9 credit hours.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Graduate

**Schedule types:** Lecture

**Department/School:** English

**ENGL 5760 Craft and Forms of Prose**

**Prerequisites:** Admission to MFA or PhD in Creative Writing or consent of instructor.

**Description:** Theory and practice of the prose forms. Previously offered as ENGL 5763. Offered for fixed credit, 3 credit hours, maximum of 9 credit hours.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Graduate

**Schedule types:** Lecture

**Department/School:** English

**ENGL 5780 Craft and Forms of Poetry**

**Prerequisites:** Admission to MFA or PhD in Creative Writing or consent of instructor.

**Description:** Theory and practice of the poetic forms. Previously offered as ENGL 5723. Offered for fixed credit, 3 credit hours, maximum of 9 credit hours.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Graduate

**Schedule types:** Lecture

**Department/School:** English

**ENGL 5990 Special Problems**

**Description:** Topical study in various disciplines taught by faculty from the undergraduate colleges for juniors and seniors. May not be used for degree credit with ENGL 4520. Offered for variable credit, 1-3 credit hours, maximum of 6 credit hours.

**Credit hours:** 1-3

**Contact hours:** Contact: 1-3 Other: 1-3

**Levels:** Graduate

**Schedule types:** Independent Study

**Department/School:** English

**ENGL 6000 Doctoral Dissertation**

**Description:** Doctoral dissertation. Offered for variable credit, 1-9 credit hours, maximum of 30 credit hours.

**Credit hours:** 1-9

**Contact hours:** Contact: 1-9 Other: 1-9

**Levels:** Graduate

**Schedule types:** Independent Study

**Department/School:** English

**ENGL 6130 Studies in Fiction Writing**

**Prerequisites:** Admission to MFA or PhD in Creative Writing or consent of instructor.

**Description:** Individual projects in fiction. May not be used for degree credit with ENGL 4630. Offered for fixed credit, 3 credit hours, maximum of 9 credit hours.

**Credit hours:** 3

**Contact hours:** Contact: 3 Other: 3

**Levels:** Graduate

**Schedule types:** Independent Study

**Department/School:** English

**ENGL 6140 Studies in Poetry Writing**

**Prerequisites:** Admission to MFA or PhD in Creative Writing or consent of instructor.

**Description:** Individual projects in poetry. May not be used for degree credit with ENGL 4640. Offered for fixed credit, 3 credit hours, maximum of 9 credit hours.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Graduate

**Schedule types:** Lecture

**Department/School:** English

**ENGL 6160 Studies in Creative Nonfiction**

**Prerequisites:** Admission to MFA or PhD in Creative Writing or consent of instructor.

**Description:** Individual projects in creative nonfiction. May not be used for degree credit with ENGL 4620. Offered for fixed credit, 3 credit hours, maximum of 9 credit hours.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Graduate

**Schedule types:** Lecture

**Department/School:** English

**ENGL 6210 Seminar or Directed Study**

**Description:** Specialized readings or independent studies. Offered for variable credit, 1-6 credit hours, maximum of 9 credit hours.

**Credit hours:** 1-6

**Contact hours:** Contact: 1-6 Other: 1-6

**Levels:** Graduate

**Schedule types:** Independent Study

**Department/School:** English

**ENGL 6220 Seminar in Genre**

**Description:** The development, traditions, concerns or characteristics of genre in selected texts. Major genres and subgenres considered. Offered for fixed credit, 3 credit hours, maximum of 9 credit hours.

**Credit hours:** 3

**Contact hours:** Contact: 3 Other: 3

**Levels:** Graduate

**Schedule types:** Independent Study

**Department/School:** English

**ENGL 6240 Studies in Literature**

**Description:** Advanced topics in literature and literary research. Offered for fixed credit, 3 credit hours, maximum of 9 credit hours.

**Credit hours:** 3

**Contact hours:** Contact: 3 Other: 3

**Levels:** Graduate

**Schedule types:** Independent Study

**Department/School:** English

**ENGL 6250 Seminar in Race and Ethnicity**

**Description:** Study of the complex representation of race and ethnicity in literature. Offered for fixed credit, 3 credit hours, maximum of 9 credit hours.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Graduate

**Schedule types:** Lecture

**Department/School:** English

**ENGL 6260 Studies in Literary Criticism**

**Description:** Selected work in literary criticism, for example ancient and neo-classical, 19th century, 20th century. Offered for fixed credit, 3 credit hours, maximum of 9 credit hours.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Graduate

**Schedule types:** Lecture

**Department/School:** English

**ENGL 6270 Seminar in Region**

**Description:** Study of regional literature or language variation. Offered for fixed credit, 3 credit hours, maximum of 9 credit hours.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Graduate

**Schedule types:** Lecture

**Department/School:** English

**ENGL 6280 Seminar in Gender**

**Description:** Examination of gender as an analytical category in the study of literature, discourse and society. Offered for fixed credit, 3 credit hours, maximum of 9 credit hours.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Graduate

**Schedule types:** Lecture

**Department/School:** English

**ENGL 6350 Topics in Rhetorical Theory**

**Description:** Study of advanced topics in rhetorical theory and research, focusing on an important scholar in the field, a specific theme, or some combination of the two. Previously offered as ENGL 6353. Offered for fixed credit, 3 credit hours, maximum of 9 credit hours.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Graduate

**Schedule types:** Lecture

**Department/School:** English

**ENGL 6360 Seminar in Film and Society**

**Description:** Social conduct and value systems as they affect the role of media in culture. Previously offered as ENGL 6253. Offered for fixed credit, 3 credit hours, maximum of 12 credit hours.

**Credit hours:** 3

**Contact hours:** Lecture: 2 Lab: 2 Contact: 4

**Levels:** Graduate

**Schedule types:** Lab, Lecture, Combined lecture and lab

**Department/School:** English

**Additional Fees:** English Film, Video fee of \$10 applies.

**ENGL 6410 Topics in Linguistics**

**Prerequisites:** ENGL 5143.

**Description:** Study of advanced topics in linguistic theory and research. May not be used for degree credit with ENGL 4080. Offered for fixed credit, 3 credit hours, maximum of 9 credit hours.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Graduate

**Schedule types:** Lecture

**Department/School:** English

**ENGL 6420 Topics in Second Language Acquisition**

**Prerequisites:** ENGL 5243.

**Description:** Study of topics in second language theory and research. Offered for fixed credit, 3 credit hours, maximum of 9 credit hours.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Graduate

**Schedule types:** Lecture

**Department/School:** English



**ENGL 6500 Topics in Professional Writing**

**Description:** In-depth study of selected topics in professional writing. Offered for fixed credit, 3 credit hours, maximum of 9 credit hours.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Graduate

**Schedule types:** Lecture

**Department/School:** English

## Undergraduate Programs

- English, BA (p. 1143)
- English: Creative Writing, BA (p. 1146)
- English: Pre-Law, BA (p. 1149)
- English: Professional Writing, BA (p. 1152)
- English: Screen Studies, BA (p. 1155)

## Graduate Programs

The Department of English offers programs leading to the Master of Arts, Master of Fine Arts and the Doctor of Philosophy. Master's students may choose among four programs: Master of Arts in English; Master of Arts in professional writing; and Master of Arts in teaching English as a second language (TESL); and the Master of Fine Arts in Creative Writing. In consultation with their advisory committees, both master's and doctoral students have considerable flexibility in designing a degree that meets their own interests and professional goals. Students may take courses in creative writing, screen studies, professional writing, composition and rhetoric, TESL, linguistics, literary theory, and all periods of British and American literature. The diversity of choices and the flexibility of the program prepare students to meet the demands of a changing academic marketplace.

## Admission Requirements

Students seeking admission to the graduate program in English must be accepted by the Graduate College and by the departmental admission committee. In addition to the application and transcripts required by the Graduate College, students must submit to the Department of English graduate coordinator a statement of purpose; letters of recommendation; and a writing sample or the Graduate Record Examination general and subject area scores. Non-native speakers of English must submit scores on all subtests of the TOEFL iBT or IELTS. For fall admission, the early decision deadline is January 15; the final deadline is March 1. The deadline for spring admission is October 15. Prerequisites are listed under each degree below.

## Teaching Opportunities

Depending on their levels of experience and areas of emphasis, graduate teaching assistants may tutor in the Writing Center, serve as discussion leaders for selected large lecture classes, or teach their own sections of freshman composition, composition for international students, technical writing, creative writing, screen studies or literature. All teaching assistants are required to take an appropriate pedagogy course during their first year of teaching.

## The Master of Arts Degree

The MA in English allows students to develop expertise in a variety of areas: literature written in English, creative writing, literary theory and criticism, screen studies, composition and rhetoric, professional writing, linguistics and TESL. In consultation with their advisory committees,

students devise an individualized curriculum that reflects their own intellectual interests and prepares them to enter a doctoral program or to teach at the college level. The degree programs in TESL and professional writing prepare teachers for the bilingual classroom and professional writers for industry.

Prerequisites include a baccalaureate degree with an English major, or at least 24 hours in English (excluding freshman composition). Successful applicants usually have a minimum grade-point average of 3.00 on a 4.00 scale, particularly in English courses.

The MA in English consists of 30 credit hours, including six hours of thesis. In addition to these hours, students must demonstrate reading knowledge of a foreign language, pass the MA qualifying examination, and pass an oral defense of the thesis. The thesis is a work of original research prepared with the guidance of the student's advisory committee. Creative writing students may present as their theses original works in poetry or prose fiction. The programs in professional writing and TESL have separate degree requirements described below.

## Professional Writing

The MA option in professional writing consists of 30 credit hours (with thesis) or 33 credit hours (without thesis). In addition to these hours, students must fulfill the foreign language requirement and pass the MA qualifying examination in technical writing. Prerequisites are the same as those above.

## TESL

The MA option in teaching English as a second language is designed to provide students with the skills necessary to teach English to non-native speakers in a variety of situations, e.g., teaching English as a foreign language in an overseas school, college or university; teaching English as a second language to international students studying in intensive English programs in the U.S.; or teaching English to bilingual and bicultural students in American public school systems and adult education programs.

Prerequisites are the same as those above except that the major may be either in English or in a field related to second language acquisition or teaching. In addition, applicants to the TESL program must have six hours in a foreign language with a grade of "B" or better, or must complete this requirement prior to taking the qualifying examination.

The TESL program consists of 30 credit hours (thesis option) or 34 credit hours (non-thesis option). In addition to these hours, students must pass the MA qualifying examinations in TESL.

TESL is especially relevant to the public school classroom as a result of recent legislation concerning bilingual education. Teachers in English and other areas of expertise will find this program especially useful. The Oklahoma State Board of Education recently approved an "optional certification" for English as a Second Language. Already certified teachers can obtain this certification upon passing the required standardized examination. Several of the courses offered for the TESL option can prepare students for this examination, although the MA/TESL option degree does not confer certification.

## Certificate in TESOL (Teaching English to Speakers of Other Languages)

The Certificate in TESOL is a program designed to provide students with the skills important for teaching English to non-native speakers in a



variety of situations, including teaching English to bilingual/bicultural, English Language Learner (ELL) and Limited English Proficient (LEP) students in public school systems and adult education programs, teaching English as a Second Language to international students studying in English programs in the U.S., and teaching English as a Foreign Language in an overseas school, college or university. The program consists of 12 credit hours, with three required courses and one elective course chosen from a group of courses offered by the Department of English.

Admission to the Certificate Program in TESOL requires a Bachelor of Arts or Bachelor of Science degree from an accredited institution of higher learning, a 3.0 GPA, two letters of recommendation, and, for non-native English speakers, appropriate scores on either the TOEFL iBT or IELTS.

## The Master of Fine Arts Degree

The MFA in Creative Writing allows students to focus on developing their abilities as poets and/or fiction writers, through a course of study emphasizing creative writing workshops, literature seminars, and electives in either of those areas or other areas in language and culture. In consultation with their advisory committees, students devise an individualized curriculum that reflects their own artistic and intellectual interests and prepares them to publish their artistic writing, enter a PhD program or teach at the college level.

The MFA in Creative Writing consists of 42 credit hours, including 12 hours of thesis. In addition to these hours, students must present their creative work at a public reading following the completion of their thesis.

Prerequisites include a baccalaureate degree with an English major, or at least 12 hours in English (excluding freshman composition) and writing sample of high quality. Successful applicants usually have a minimum grade-point average of 3.00 on a 4.00 scale, particularly in English courses.

## The Doctor of Philosophy Degree

The Department of English grants one doctoral degree, the PhD in English. Students may, however, emphasize in their courses, their exams, and their dissertations a variety of areas: all periods of British and American literature, Native American literature and language, creative writing, literary theory and criticism, screen studies, rhetoric and professional writing, linguistics and TESL. They may also choose an interdisciplinary emphasis. In consultation with their advisory committees, students devise an individualized curriculum that reflects their own intellectual interests and professional goals.

Prerequisites include a master's degree in English or a field related to the student's area of emphasis. Successful applicants usually have a minimum grade-point average of 3.50 on a 4.00 scale in their master's degrees. All PhD students are admitted provisionally and must take the first-year examination during their second semester of enrollment.

The PhD degree consists of 60 credit hours beyond the master's degree. Fifteen to 20 of these hours are devoted to the dissertation. In addition to these hours, students must take a first-year examination; demonstrate reading knowledge of two foreign languages or mastery of one language; pass the PhD qualifying examination in two areas; and pass an oral defense of the dissertation. The dissertation is a work of original research prepared under the direction of the dissertation committee. Creative

Writing students may present as their dissertations original works in poetry or prose fiction.

Additional information and requirements may be found in the English Graduate Guidelines, which may be consulted online at [english.okstate.edu](http://english.okstate.edu) (<http://english.okstate.edu>).

## Certificates

- Teaching English to Speakers of Other Languages, Undergraduate Certificate (p. 1161)

## Minors

- Creative Writing (CRWR), Minor (p. 1141)
- English (ENGL), Minor (p. 1142)
- Linguistics (LING), Minor (p. 1158)
- Professional Writing (PRWR), Minor (p. 1159)
- Screen Studies (SCST), Minor (p. 1160)

## Faculty

Jeff Menne, PhD—Professor and Head

**Regents Professors:** William Decker, PhD; Elizabeth Grubgeld, PhD; Edward Jones, PhD; Timothy Murphy, PhD (Houston-Truax-Wentz Professor)

**Professors:** An Cheng, PhD; Richard Frohock, PhD; Lisa Lewis, PhD; Carol Moder, PhD; Aimee Parkison, MFA; Stacy Takacs, PhD

**Associate Professors:** Nancy Caplow, PhD; Joshua Daniel, PhD; Katherine Hallemeier, Janine Joseph, PhD; Lynn Lewis, PhD; Stephanie Link, PhD; Lindsey Claire Smith, PhD; Graig Uhlin, PhD

**Assistant Professors:** Michael Amory, PhD; Andrew Belton, PhD; Sarah Beth Childers, MFA; Cailey Hall, PhD; Lisa Hollenbach, PhD; Alyssa Hunziker, PhD; Shelby Johnson, PhD; Stephanie Jones, PhD; Anna Sicari, PhD; Chelsea Silva, PhD; Lindsay Wilhelm, PhD

## Creative Writing (CRWR), Minor

**Requirements for Students Matriculating in or before Academic Year 2022-2023.** Learn more about University Academic Regulation 3.1 (p. 943).

**Minimum grade and/or GPA for minor courses:** 3.0

**Total Hours:** 15

Code	Title	Hours
<b>Course Requirements</b>		
ENGL 2513	Introduction to Creative Writing (H)	3
Select 12 hours upper-division from the following:		12
ENGL 3030	Fiction Writing	
ENGL 3040	Poetry Writing	
ENGL 3060	Creative Nonfiction Writing	
ENGL 4630	Advanced Fiction Writing	
ENGL 4640	Advanced Poetry Writing	
ENGL 4620	Advanced Creative Nonfiction Writing	
<b>Total Hours</b>		<b>15</b>

## Additional OSU Requirements

### Undergraduate Minors

- An undergraduate minor must include between fifteen and thirty hours, inclusive of undergraduate coursework.
- A minimum of six credit hours for the minor must be earned in residence at OSU.
- The courses required for a minor may be included in the course requirements for any undergraduate degree or they may be in addition to degree requirements, depending on the overlap between the minor and degree requirements. However, an undergraduate minor must be earned in an academic field other than the student's declared degree option. The minor may not duplicate the degree major or option (for example, a student who earns a BA in Art with an Art History option may earn a minor in Studio Art but not Art History).
- A student generally follows the minor requirements associated with his or her matriculation year or newer requirements that have been established since matriculation. The time limit for following requirements from a given academic year is six years.

For additional information on requirements on minors, click here (<https://adminfinance.okstate.edu/site-files/documents/policies/requirements-for-undergraduate-and-graduate-minors.pdf>).

## English (ENGL), Minor

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**Requirements for Students Matriculating in or before Academic Year 2022-2023.** Learn more about University Academic Regulation 3.1 (p. 943).

Clarissa Bonner, 209 MOR, 405-744-6146

**Minimum Grade Point Average in Minor Coursework:** 3.00 with no grade below "C."

**Total Hours:** 18

Code	Title	Hours
<b>Minor Requirements</b>		
18 hours ENGL, at least 9 of which must be upper-division <sup>1</sup>		18

1

Exclusive of Freshman Composition

Choose from ENGL (p. 1124) courses.

## Requirements

- A minimum of 9 hours must be taken at OSU.

## Additional OSU Requirements

### Undergraduate Minors

- An undergraduate minor must include between fifteen and thirty hours, inclusive of undergraduate coursework.
- A minimum of six credit hours for the minor must be earned in residence at OSU.
- The courses required for a minor may be included in the course requirements for any undergraduate degree or they may be in addition to degree requirements, depending on the overlap between the minor and degree requirements. However, an undergraduate minor must be earned in an academic field other than the student's declared degree option. The minor may not duplicate the degree major or option (for example, a student who earns a BA in Art with an Art History option may earn a minor in Studio Art but not Art History).
- A student generally follows the minor requirements associated with his or her matriculation year or newer requirements that have been established since matriculation. The time limit for following requirements from a given academic year is six years.

For additional information on requirements on minors, click here (<https://adminfinance.okstate.edu/site-files/documents/policies/requirements-for-undergraduate-and-graduate-minors.pdf>).

# English, BA

## Degree Requirements

**Requirements for Students Matriculating in or before Academic Year 2022-2023.** Learn more about University Academic Regulation 3.1 (p. 943).

**Minimum Overall Grade Point Average: 2.00**

**Total Hours: 120**

Code	Title	Hours
<b>General Education Requirements</b>		
<i>English Composition</i>		
See Academic Regulation 3.5 (p. 944)		
ENGL 1113	Composition I	3
or ENGL 1313	Critical Analysis and Writing I	
Select one of the following:		3
ENGL 1213	Composition II	
ENGL 1413	Critical Analysis and Writing II	
ENGL 3323	Technical Writing	
<i>American History &amp; Government</i>		
HIST 1103	Survey of American History	3
or HIST 1483	American History to 1865 (H)	
or HIST 1493	American History Since 1865 (DH)	
POLS 1113	American Government	3
<i>Analytical &amp; Quantitative Thought (A)</i>		
MATH or STAT course designated (A)		3
<i>Humanities (H)</i>		
Courses designated (H)		6
<i>Natural Sciences (N)</i>		
Must include one Laboratory Science (L) course		
Course designated (N)		6
<i>Social &amp; Behavioral Sciences (S)</i>		
Course designated (S)		3
<i>Additional General Education</i>		
Courses designated (A), (H), (N), or (S)		10
<b>Hours Subtotal</b>		<b>40</b>
<b>Diversity (D) &amp; International Dimension (I)</b>		
May be completed in any part of the degree plan		
Select at least one Diversity (D) course		
Select at least one International Dimension (I) course		
<b>College/Departmental Requirements</b>		
<i>First Year Seminar</i>		
(Transfer students with 15 hours exempt)		1
<i>Arts &amp; Humanities</i>		
ENGL 2543	Survey of British Literature I (H)	3
ENGL 2773	Survey of American Literature I (H)	3
Select 3 additional non-English hours		3
<i>Natural &amp; Mathematical Sciences</i>		
See note 2.b.		3
<i>Foreign Language</i>		
See note 3		9
<i>Non-Western Studies</i>		

Select at least one course

See note 2.d.

*Upper-Division General Education*

Select 6 hours outside major department

See note 2.c.

**Hours Subtotal** **22**

**Major Requirements**

Select 6 hours of the following: **6**

ENGL 2653 Survey of British Literature II (H)

ENGL 2883 Survey of American Literature II (DH)

ENGL 2963 Survey of Postcolonial and Indigenous Literatures (HI)

*33 hours ENGL (30 hours must be upper-division):*

Minimum of 12 hours at 4000-level

ENGL 3243 Literary Theory and Criticism **3**

ENGL 3343 Reading Poetry **3**

3 hours Genre Studies:

ENGL 3333 Short Story (H) **3**

or ENGL 3363 Readings in Drama (H)

or ENGL 3373 Readings in Nonfiction

or ENGL 3383 Readings in Narrative

or ENGL 3410 Popular Fiction

3 hours Cultural Studies:

ENGL 3153 Readings in Literature by Women (DH) **3**

or ENGL 3170 Readings in Literature and Other Disciplines

or ENGL 3183 Native American Literature (DH)

or ENGL 3133 Readings in Multi-Ethnic American Literature

or ENGL 3143 Readings in Postcolonial Literature (HI)

or ENGL 3193 African-American Literature (DH)

or ENGL 3813 Readings in the American Experience (DH)

or ENGL 3473 Race, Gender, and Ethnicity in American Film (D)

or ENGL 3503 Television and American Society (DH)

or ENGL 4230 Literature of Diversity (DH)

or ENGL 4263 Moving Image Aesthetics (H)

or ENGL 4333 Studies in Native American Literature

or ENGL 4340 Studies in Postcolonial and Multi-ethnic Literature

or ENGL 4450 Culture and the Moving Image

3 hours Literature before 1800:

ENGL 3123 Mythology (H) **3**

or ENGL 3163 Literatures of the Ancient World (H)

or ENGL 3933 Shakespeare (H)

or ENGL 4100 Studies in Medieval British Literature

or ENGL 4110 Studies in 16th Century British Literature

or ENGL 4120 Studies in 17th Century British Literature

or ENGL 4130 Studies in 18th Century British Literature

or ENGL 4200 Studies in Early American Literature

or ENGL 4223 Introduction to Old English

or ENGL 4600 Studies in Chaucer or Milton

or ENGL 4700 Single Author or Work Pre-1800

or ENGL 4723 Studies in Shakespeare (H)

3 hours Literature after 1800:

ENGL 4160 Studies in 19th Century British Literature **3**

or ENGL 4170	Studies in 20th Century British Literature	
or ENGL 4210	Studies in 19th Century American Literature	
or ENGL 4220	Studies in 20th Century American Literature	
or ENGL 4300	Studies in Romanticism	
or ENGL 4310	Studies in Modernism	
or ENGL 4710	Single Author or Work Post-1800	

3 hours Writing:

ENGL 3203	Advanced Composition	3
or ENGL 3223	Professional Writing Theory	
or ENGL 4530	Studies in Professional Writing	
or ENGL 4543	Style and Editing	
or ENGL 4553	Visual Rhetoric and Design	
or ENGL 3030	Fiction Writing	
or ENGL 3040	Poetry Writing	
or ENGL 3060	Creative Nonfiction Writing	

3 hours Language/Linguistics:

ENGL 3200	Special Problems in Language and Literature	3
or ENGL 4003	History of the English Language	
or ENGL 4013	English Grammar	
or ENGL 4043	Teaching English to Speakers of Other Languages	
or ENGL 4063	Introduction to Descriptive Linguistics	
or ENGL 4073	Introduction to Sociolinguistics	
or ENGL 4080	Studies in Linguistics	
or ENGL 4083	Applied Linguistics	
or ENGL 4093	Language in America (DS)	

English electives:

Select 9 hours of additional ENGL electives (6 hours must be upper-division)	9
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Select 15 hours of non-ENGL upper-division courses	15
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<b>Hours Subtotal</b>	<b>54</b>
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**Electives**

Select 4 hours	4
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May need to include 6 hours upper-division general education outside major department (see note 2.c.)

<b>Hours Subtotal</b>	<b>4</b>
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<b>Total Hours</b>	<b>120</b>
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## Other Requirements

- See the College of Arts and Sciences Requirements.
- Minimum GPA 3.00 in all ENGL courses and a minimum grade of "C" in each ENGL course (excluding English Composition and free electives).
- **Upper-Division Credit:** Total hours must include at least 40 hours in courses numbered 3000 or above.
- **Hours in One Department:** For B.A. and B.S. degrees, no more than 54 hours in one department may be applied to degree requirements.

## College of Arts and Sciences Requirements

### 1. General Education Requirements

No more than two courses (or eight hours) from the major department (<http://catalog.okstate.edu/college-arts-sciences-major->

departments/) may be used to meet General Education and College and Departmental Requirements. The General Education required English Composition, required U.S. History, required American Government, one required MATH or STAT course, and required foreign language for B.A. degrees do not count against the two-course maximum.

### 2. A&S College/Departmental Requirements

- Arts and Humanities are defined as any course carrying an (H) designation or courses from AMST, ART, DANC, ENGL (except ENGL 3323 Technical Writing) HIST, MUSI, PHIL (except PHIL 1313 Logic and Critical Thinking (A), PHIL 3003 Symbolic Logic (A) and PHIL 4003 Mathematical Logic and Computability), REL, TH, and foreign languages.
- Natural and Mathematical Sciences are defined as any course from the following prefixes: ASTR, BIOC, BIOL, CHEM, CS (except CS 4883 Social Issues in Computing), GEOL, MATH, MICR, PBIO, PHYS, and STAT; or courses from other departments that carry an (A) or (N) general education designation.
- The required six hours of upper-division General Education may not include courses from the student's major department. This requirement may be satisfied by courses also used to satisfy any part of a student's degree program (i.e., in General Education, College Departmental Requirements, Major Requirements or Electives).
- Non-Western Studies Requirement for B.A. and B.F.A.; One 3-hour course in Non-Western Studies (N.W.). This requirement may be satisfied by courses also used to satisfy any part of a student's degree program (i.e., in General Education, College Departmental Requirements, Major Requirements or Electives).
- The College of Arts & Sciences requires a minimum 2.0 GPA in all major requirements and a minimum 2.0 GPA in all major-prefix courses applied to the degree.

### 3. Foreign Language Proficiency

- The foreign language requirement for the B.A. may be satisfied by 9 hours college credit in the same language, which must include 3 hours at the 2000-level, or equivalent proficiency (e.g., passing an advanced standing examination; TOEFL exam; presenting a high school transcript which demonstrates the high school was primarily conducted in a language other than English; etc.). Computer Science courses may not be used to satisfy this requirement. Currently Arabic and Mvskoke are not offered at the 2000-level at OSU.
- The foreign language requirement for the B.S., B.M. and B.F.A. may be satisfied by presenting a high school transcript which demonstrates two years of study of a single foreign language (passing grades at second-year level of study). It may also be satisfied by 6 hours college credit in the same language, which must include language courses 1713 and 1813, or equivalent proficiency (e.g., passing an advanced standing examination; TOEFL exam; presenting a high school transcript which demonstrates the high school was primarily conducted in a language other than English; etc.). Computer Science courses may not be used to satisfy this requirement.
- In addition to a. and b., students pursuing teacher certification must meet novice-high foreign language proficiency by presenting a high school transcript which demonstrates two years of study of a single foreign language with no grade below B. Or, students may complete 3 hours college credit in a single language with no grade below C (or pass an advanced standing examination, College Level Examination Program (CLEP) exam,

or Oral Proficiency Interview developed by the American Council on the Teaching of Foreign Languages, equivalent to 3 hours of college credit.) Or, students may meet the requirement by transfer of documentation of meeting the foreign language competency from one of the teacher education programs in the State of Oklahoma approved by the Oklahoma State Regents for Higher Education.

#### 4. Exclusions

- Courses used to satisfy the General Education English Composition, U.S. History, American Government, and Mathematics or Statistics requirements will not count toward the 54-hour maximum allowed from one department.
- Courses with ATHL or LEIS prefixes and leisure activity courses may not be used for degree credit.

## Additional State/OSU Requirements

- At least: 60 hours at a four-year institution; 30 hours completed at OSU; 15 of the final 30 or 50% of the upper-division hours in the major field completed at OSU.
- Limit of: one-half of major course requirements as transfer work; one-fourth of hours earned by correspondence; 8 transfer correspondence hours.
- Students will be held responsible for degree requirements in effect at the time of matriculation and any changes that are made, so long as these changes do not result in semester credit hours being added or do not delay graduation.
- Degrees that follow this plan must be completed by the end of Summer 2028.

## Example Plan of Study

### Finish in Four Plan of Study

The plan below is an example of how students can successfully complete degree requirements in four years. This suggested class schedule plan may be used as a guide and can be adjusted based on individual needs. Students are required to meet with an academic advisor prior to enrollment each semester to plan their class schedule, and students are ultimately responsible for completing all degree requirements.

Course	Title	Hours
<b>Freshman</b>		
<b>Fall</b>		
ENGL 1113 or ENGL 1313	Composition I or Critical Analysis and Writing I	3
ENGL 2543 or ENGL 2653 or ENGL 2773 or ENGL 2883 or ENGL 2963	Survey of British Literature I (H) or Survey of British Literature II (H) or Survey of American Literature I (H) or Survey of American Literature II (DH) or Survey of Postcolonial and Indigenous Literatures (HI)	3
General Education courses		10
<b>Hours</b>		<b>16</b>
<b>Spring</b>		
ENGL 1213 or ENGL 1413	Composition II or Critical Analysis and Writing II	3
ENGL 2653 or ENGL 2543 or ENGL 2773 or ENGL 2883 or ENGL 2963	Survey of British Literature II (H) or Survey of British Literature I (H) or Survey of American Literature I (H) or Survey of American Literature II (DH) or Survey of Postcolonial and Indigenous Literatures (HI)	3

General Education courses		8
<b>Hours</b>		<b>14</b>
<b>Sophomore</b>		
<b>Fall</b>		
ENGL 3243	Literary Theory and Criticism	3
1713 First Semester Foreign Language		3
General Education courses		9
<b>Hours</b>		<b>15</b>
<b>Spring</b>		
ENGL 3343	Reading Poetry	3
1813 Second Semester Foreign Language		3
General Education courses		9
<b>Hours</b>		<b>15</b>
<b>Junior</b>		
<b>Fall</b>		
2000-level Foreign Language		3
Major, College, and Elective courses		12
<b>Hours</b>		<b>15</b>
<b>Spring</b>		
Major, College, and Elective courses		15
<b>Hours</b>		<b>15</b>
<b>Senior</b>		
<b>Fall</b>		
Major, College, and Elective courses		15
<b>Hours</b>		<b>15</b>
<b>Spring</b>		
Major, College, and Elective courses		15
<b>Hours</b>		<b>15</b>
<b>Total Hours</b>		<b>120</b>



# English: Creative Writing, BA

## Degree Requirements

**Requirements for Students Matriculating in or before Academic Year 2022-2023.** Learn more about University Academic Regulation 3.1 (p. 943).

**Minimum Overall Grade Point Average:** 2.00

**Total Hours:** 120

Code	Title	Hours
<b>General Education Requirements</b>		
<i>English Composition</i>		
See Academic Regulation 3.5 (p. 944)		
ENGL 1113	Composition I	3
or ENGL 1313	Critical Analysis and Writing I	
Select one of the following:		3
ENGL 1213	Composition II	
ENGL 1413	Critical Analysis and Writing II	
ENGL 3323	Technical Writing	
<i>American History &amp; Government</i>		
HIST 1103	Survey of American History	3
or HIST 1483	American History to 1865 (H)	
or HIST 1493	American History Since 1865 (DH)	
POLS 1113	American Government	3
<i>Analytical &amp; Quantitative Thought (A)</i>		
MATH or STAT course designated (A)		3
<i>Humanities (H)</i>		
Courses designated (H)		6
<i>Natural Sciences (N)</i>		
Must include one Laboratory Science (L) course		
Course designated (N)		6
<i>Social &amp; Behavioral Sciences (S)</i>		
Course designated (S)		3
<i>Additional General Education</i>		
Courses designated (A), (H), (N), or (S)		10
<b>Hours Subtotal</b>		<b>40</b>
<b>Diversity (D) &amp; International Dimension (I)</b>		
May be completed in any part of the degree plan		
Select at least one Diversity (D) course		
Select at least one International Dimension (I) course		
<b>College/Departmental Requirements</b>		
<i>First Year Seminar</i>		
(Transfer students with 15 hours exempt)		1
<i>Arts &amp; Humanities</i>		
ENGL 2513	Introduction to Creative Writing (H)	3
ENGL 2883	Survey of American Literature II (DH)	3
Select 3 additional non-English hours		3
See note 2.a.		
<i>Natural &amp; Mathematical Sciences</i>		
See note 2.b.		3
<i>Foreign Language</i>		
See note 3		9

### Non-Western Studies

Select at least one course

See note 2.d.

### Upper-Division General Education

Select 6 hours outside major department

See note 2.c.

**Hours Subtotal** **22**

### Major Requirements

Select 6 hours of the following: **6**

ENGL 2543	Survey of British Literature I (H)
ENGL 2653	Survey of British Literature II (H)
ENGL 2773	Survey of American Literature I (H)
ENGL 2963	Survey of Postcolonial and Indigenous Literatures (HI)

33 hours ENGL (30 hours must be upper-division):

Minimum of 12 hours at 4000-level

ENGL 3343 Reading Poetry **3**

3 hours Genre Studies:

ENGL 3333	Short Story (H)	3
or ENGL 3363	Readings in Drama (H)	
or ENGL 3373	Readings in Nonfiction	
or ENGL 3383	Readings in Narrative	
or ENGL 3410	Popular Fiction	

3 hours Cultural Studies:

ENGL 3153	Readings in Literature by Women (DH)	3
or ENGL 3170	Readings in Literature and Other Disciplines	
or ENGL 3183	Native American Literature (DH)	
or ENGL 3133	Readings in Multi-Ethnic American Literature	
or ENGL 3143	Readings in Postcolonial Literature (HI)	
or ENGL 3193	African-American Literature (DH)	
or ENGL 3473	Race, Gender, and Ethnicity in American Film (D)	
or ENGL 3503	Television and American Society (DH)	
or ENGL 3813	Readings in the American Experience (DH)	
or ENGL 4093	Language in America (DS)	
or ENGL 4263	Moving Image Aesthetics (H)	
or ENGL 4230	Literature of Diversity (DH)	
or ENGL 4333	Studies in Native American Literature	
or ENGL 4340	Studies in Postcolonial and Multi-ethnic Literature	
or ENGL 4450	Culture and the Moving Image	

15 hours Creative Writing:

Select 15 hours from the following: **15**

ENGL 3030	Fiction Writing (3 hours)
ENGL 3040	Poetry Writing (3 hours)
ENGL 3060	Creative Nonfiction Writing (3 hours)
ENGL 4620	Advanced Creative Nonfiction Writing (3 hours)
ENGL 4630	Advanced Fiction Writing (3 hours)
ENGL 4640	Advanced Poetry Writing (3 hours)

English electives:

Select 9 hours additional ENGL Electives (6 hours must be 4000-level) **9**

Select 15 non-ENGL upper-division courses **15**

<b>Hours Subtotal</b>	<b>54</b>
<b>Electives</b>	
Select 4 hours	4
May need to include 6 hours upper-division general education outside major department (see note 2.c.)	
<b>Hours Subtotal</b>	<b>4</b>
<b>Total Hours</b>	<b>120</b>

## Other Requirements

- See the College of Arts and Sciences Requirements.
- Minimum GPA 3.00 in all ENGL courses and a minimum grade of “C” in each ENGL course (excluding English Composition and free electives).
- **Upper-Division Credit:** Total hours must include at least 40 hours in courses numbered 3000 or above.
- **Hours in One Department:** For B.A. and B.S. degrees, no more than 54 hours in one department may be applied to degree requirements.

## College of Arts and Sciences Requirements

### 1. General Education Requirements

No more than two courses (or eight hours) from the major department (<http://catalog.okstate.edu/college-arts-sciences-major-departments/>) may be used to meet General Education and College and Departmental Requirements. The General Education required English Composition, required U.S. History, required American Government, one required MATH or STAT course, and required foreign language for B.A. degrees do not count against the two-course maximum.

### 2. A&S College/Departmental Requirements

- Arts and Humanities are defined as any course carrying an (H) designation or courses from AMST, ART, DANC, ENGL (except ENGL 3323 Technical Writing) HIST, MUSI, PHIL (except PHIL 1313 Logic and Critical Thinking (A), PHIL 3003 Symbolic Logic (A) and PHIL 4003 Mathematical Logic and Computability), REL, TH, and foreign languages.
- Natural and Mathematical Sciences are defined as any course from the following prefixes: ASTR, BIOC, BIOL, CHEM, CS (except CS 4883 Social Issues in Computing), GEOL, MATH, MICR, PBIO, PHYS, and STAT; or courses from other departments that carry an (A) or (N) general education designation.
- The required six hours of upper-division General Education may not include courses from the student's major department. This requirement may be satisfied by courses also used to satisfy any part of a student's degree program (i.e., in General Education, College Departmental Requirements, Major Requirements or Electives).
- Non-Western Studies Requirement for B.A. and B.F.A.; One 3-hour course in Non-Western Studies (N.W.). This requirement may be satisfied by courses also used to satisfy any part of a student's degree program (i.e., in General Education, College Departmental Requirements, Major Requirements or Electives).
- The College of Arts & Sciences requires a minimum 2.0 GPA in all major requirements and a minimum 2.0 GPA in all major-prefix courses applied to the degree.

### 3. Foreign Language Proficiency

- The foreign language requirement for the B.A. may be satisfied by 9 hours college credit in the same language, which must include 3 hours at the 2000-level, or equivalent proficiency (e.g., passing an advanced standing examination; TOEFL exam; presenting a high school transcript which demonstrates the high school was primarily conducted in a language other than English; etc.). Computer Science courses may not be used to satisfy this requirement. Currently Arabic and Mvskoke are not offered at the 2000-level at OSU.
- The foreign language requirement for the B.S., B.M. and B.F.A. may be satisfied by presenting a high school transcript which demonstrates two years of study of a single foreign language (passing grades at second-year level of study). It may also be satisfied by 6 hours college credit in the same language, which must include language courses 1713 and 1813, or equivalent proficiency (e.g., passing an advanced standing examination; TOEFL exam; presenting a high school transcript which demonstrates the high school was primarily conducted in a language other than English; etc.). Computer Science courses may not be used to satisfy this requirement.
- In addition to a. and b., students pursuing teacher certification must meet novice-high foreign language proficiency by presenting a high school transcript which demonstrates two years of study of a single foreign language with no grade below B. Or, students may complete 3 hours college credit in a single language with no grade below C (or pass an advanced standing examination, College Level Examination Program (CLEP) exam, or Oral Proficiency Interview developed by the American Council on the Teaching of Foreign Languages, equivalent to 3 hours of college credit.) Or, students may meet the requirement by transfer of documentation of meeting the foreign language competency from one of the teacher education programs in the State of Oklahoma approved by the Oklahoma State Regents for Higher Education.

### 4. Exclusions

- Courses used to satisfy the General Education English Composition, U.S. History, American Government, and Mathematics or Statistics requirements will not count toward the 54-hour maximum allowed from one department.
- Courses with ATHL or LEIS prefixes and leisure activity courses may not be used for degree credit.

## Additional State/OSU Requirements

- At least: 60 hours at a four-year institution; 30 hours completed at OSU; 15 of the final 30 or 50% of the upper-division hours in the major field completed at OSU.
- Limit of: one-half of major course requirements as transfer work; one-fourth of hours earned by correspondence; 8 transfer correspondence hours.
- Students will be held responsible for degree requirements in effect at the time of matriculation and any changes that are made, so long as these changes do not result in semester credit hours being added or do not delay graduation.
- Degrees that follow this plan must be completed by the end of Summer 2028.

## Example Plan of Study

### Finish in Four Plan of Study

The plan below is an **example** of how students can successfully complete degree requirements in four years. This suggested class schedule plan may be used as a guide and can be adjusted based on individual needs. Students are required to meet with an academic advisor prior to enrollment each semester to plan their class schedule, and students are ultimately responsible for completing all degree requirements.

Course	Title	Hours
<b>Freshman</b>		
<b>Fall</b>		
ENGL 1113 or ENGL 1313	Composition I or Critical Analysis and Writing I	3
ENGL 2513	Introduction to Creative Writing (H)	3
General Education courses		10
<b>Hours</b>		<b>16</b>
<b>Spring</b>		
ENGL 1213 or ENGL 1413	Composition II or Critical Analysis and Writing II	3
ENGL 2883 or ENGL 2773 or ENGL 2543 or ENGL 2653 or ENGL 2963	Survey of American Literature II (DH) or Survey of American Literature I (H) or Survey of British Literature I (H) or Survey of British Literature II (H) or Survey of Postcolonial and Indigenous Literatures (HI)	3
General Education courses		8
<b>Hours</b>		<b>14</b>
<b>Sophomore</b>		
<b>Fall</b>		
1713 First Semester Foreign Language		3
General Education courses		12
<b>Hours</b>		<b>15</b>
<b>Spring</b>		
ENGL 3343	Reading Poetry	3
1813 Second Semester Foreign Language		3
General Education courses		9
<b>Hours</b>		<b>15</b>
<b>Junior</b>		
<b>Fall</b>		
2000-level Foreign Language		3
Major, College, and Elective courses		12
<b>Hours</b>		<b>15</b>
<b>Spring</b>		
Major, College, and Elective courses		15
<b>Hours</b>		<b>15</b>
<b>Senior</b>		
<b>Fall</b>		
Major, College, and Elective courses		15
<b>Hours</b>		<b>15</b>
<b>Spring</b>		
Major, College, and Elective courses		15
<b>Hours</b>		<b>15</b>
<b>Total Hours</b>		<b>120</b>

## English: Pre-Law, BA

### Degree Requirements

**Requirements for Students Matriculating in or before Academic Year 2022-2023.** Learn more about University Academic Regulation 3.1 (p. 943).

**Minimum Overall Grade Point Average:** 2.00

**Total Hours:** 120

Code	Title	Hours
<b>General Education Requirements</b>		
<i>English Composition</i>		
See Academic Regulation 3.5 (p. 944)		
ENGL 1113	Composition I	3
or ENGL 1313	Critical Analysis and Writing I	
Select one of the following:		3
ENGL 1213	Composition II	
ENGL 1413	Critical Analysis and Writing II	
ENGL 3323	Technical Writing	
<i>American History &amp; Government</i>		
HIST 1103	Survey of American History	3
or HIST 1483	American History to 1865 (H)	
or HIST 1493	American History Since 1865 (DH)	
POLS 1113	American Government	3
<i>Analytical &amp; Quantitative Thought (A)</i>		
3 hours MATH or STAT designated (A)		3
<i>Humanities (H)</i>		
Courses designated (H)		6
<i>Natural Sciences (N)</i>		
Must include one Laboratory Science (L) course		
Courses designated (N)		6
<i>Social &amp; Behavioral Sciences (S)</i>		
Course designated (S)		3
<i>Additional General Education</i>		
Courses designated (A), (H), (N), or (S)		10
<b>Hours Subtotal</b>		<b>40</b>
<b>Diversity (D) &amp; International Dimension (I)</b>		
May be completed in any part of the degree plan		
Select at least one Diversity (D) course		
Select at least one International Dimension (I) course		
<b>College/Departmental Requirements</b>		
<i>First Year Seminar</i>		
(Transfer students with 15 hours exempt)		1
<i>Arts &amp; Humanities</i>		
ENGL 2543	Survey of British Literature I (H)	3
ENGL 2773	Survey of American Literature I (H)	3
Select 3 additional non-English hours		3
See note 2.a.		
<i>Natural &amp; Mathematical Sciences</i>		
See note 2.b.		3
<i>Foreign Language</i>		
See note 3		9

#### Non-Western Studies

See note 2.d.

#### Upper-Division General Education

Select 6 hours outside major department

See note 2.c.

**Hours Subtotal** **22**

#### Major Requirements

Select 3 hours of the following: **3**

ENGL 2653 Survey of British Literature II (H)

ENGL 2883 Survey of American Literature II (DH)

ENGL 2963 Survey of Postcolonial and Indigenous Literatures (HI)

ENGL 2233 Writing as a Profession (H) **3**

**33 hours ENGL (30 hours must be upper-division):**

Minimum of 12 hours at 4000-level

ENGL 3243 Literary Theory and Criticism **3**

ENGL 3343 Reading Poetry **3**

**3 hours Genre Studies:**

ENGL 3333 Short Story (H) **3**

or ENGL 3363 Readings in Drama (H)

or ENGL 3373 Readings in Nonfiction

or ENGL 3383 Readings in Narrative

or ENGL 3410 Popular Fiction

**3 hours Cultural Studies:**

ENGL 3153 Readings in Literature by Women (DH) **3**

or ENGL 3170 Readings in Literature and Other Disciplines

or ENGL 3183 Native American Literature (DH)

or ENGL 3133 Readings in Multi-Ethnic American Literature

or ENGL 3143 Readings in Postcolonial Literature (HI)

or ENGL 3193 African-American Literature (DH)

or ENGL 3813 Readings in the American Experience (DH)

or ENGL 3473 Race, Gender, and Ethnicity in American Film (D)

or ENGL 3503 Television and American Society (DH)

or ENGL 4230 Literature of Diversity (DH)

or ENGL 4263 Moving Image Aesthetics (H)

or ENGL 4333 Studies in Native American Literature

or ENGL 4340 Studies in Postcolonial and Multi-ethnic Literature

or ENGL 4450 Culture and the Moving Image

#### Pre-Law:

ENGL 4093 Language in America (DS) **3**

or ENGL 4033 Discourse Analysis

ENGL 4013 English Grammar **3**

ENGL 4543 Style and Editing **3**

Select 3 hours of Literature at the 4000 level **3**

English electives:

Select 9 hours additional ENGL Electives (6 hours must be upper-division) **9**

Select 12 non-ENGL upper-division courses including 9 hours to be selected of the following: **12**

AMIS 4013 American Indian Sovereignty (D)

AMST 3333 Crime, Law and American Culture (S)

GEOG 3133 Political Geography (IS)

REL 4213 Understanding Global Islam (HI)

ECON 3713	Introduction to Industrial Organization
LSB 3213	Legal and Regulatory Environment of Business
PHIL 3843	Philosophy of Law (H)
POLS 3033	International Law
POLS 3523	Money, Media And Politics
POLS 3533	Lobbying: the Art of Influence and Manipulation
POLS 3963	State Courts and the Bar
POLS 4353	Administrative Law
POLS 4363	Environmental Law And Policy
POLS 4593	Natural Resources and Environmental Policy
POLS 4963	U.S. Constitution: Civil Rights and Civil Liberties
PSYC 4143	Psychology and Law
PSYC 4293	Forensic Psychology
SOC 3523	Juvenile Delinquency (DS)
SOC 4313	Sociology of Law
SOC 4743	Criminalistics: Introduction to Forensic Sciences
SPCH 3733	Elements of Persuasion (S)
<b>Hours Subtotal</b>	<b>51</b>
<b>Electives</b>	
Select 7 hours	7
May need to include 6 hours upper-division general education outside major department (see note 2.c.)	
<b>Hours Subtotal</b>	<b>7</b>
<b>Total Hours</b>	<b>120</b>

## Other Requirements

- See the College of Arts and Sciences Requirements.
- Minimum GPA 3.00 in all ENGL courses and a minimum grade of "C" in each ENGL course (excluding English Composition and free electives).
- **Upper-Division Credit:** Total hours must include at least 40 hours in courses numbered 3000 or above.
- **Hours in One Department:** For B.A. and B.S. degrees, no more than 54 hours in one department may be applied to degree requirements.

## College of Arts and Sciences Requirements

### 1. General Education Requirements

No more than two courses (or eight hours) from the major department (<http://catalog.okstate.edu/college-arts-sciences-major-departments/>) may be used to meet General Education and College and Departmental Requirements. The General Education required English Composition, required U.S. History, required American Government, one required MATH or STAT course, and required foreign language for B.A. degrees do not count against the two-course maximum.

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- Arts and Humanities are defined as any course carrying an (H) designation or courses from AMST, ART, DANC, ENGL (except ENGL 3323 Technical Writing) HIST, MUSI, PHIL (except

PHIL 1313 Logic and Critical Thinking (A), PHIL 3003 Symbolic Logic (A) and PHIL 4003 Mathematical Logic and Computability), REL, TH, and foreign languages.

- Natural and Mathematical Sciences are defined as any course from the following prefixes: ASTR, BIOC, BIOL, CHEM, CS (except CS 4883 Social Issues in Computing), GEOL, MATH, MICR, PBIO, PHYS, and STAT; or courses from other departments that carry an (A) or (N) general education designation.
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- Non-Western Studies Requirement for B.A. and B.F.A.; One 3-hour course in Non-Western Studies (N.W.). This requirement may be satisfied by courses also used to satisfy any part of a student's degree program (i.e., in General Education, College Departmental Requirements, Major Requirements or Electives).
- The College of Arts & Sciences requires a minimum 2.0 GPA in all major requirements and a minimum 2.0 GPA in all major-prefix courses applied to the degree.

### 3. Foreign Language Proficiency

- The foreign language requirement for the B.A. may be satisfied by 9 hours college credit in the same language, which must include 3 hours at the 2000-level, or equivalent proficiency (e.g., passing an advanced standing examination; TOEFL exam; presenting a high school transcript which demonstrates the high school was primarily conducted in a language other than English; etc.). Computer Science courses may not be used to satisfy this requirement. Currently Arabic and Mvskoke are not offered at the 2000-level at OSU.
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### 4. Exclusions

- Courses used to satisfy the General Education English Composition, U.S. History, American Government, and

Mathematics or Statistics requirements will not count toward the 54-hour maximum allowed from one department.

- b. Courses with ATHL or LEIS prefixes and leisure activity courses may not be used for degree credit.

## Additional State/OSU Requirements

- At least: 60 hours at a four-year institution; 30 hours completed at OSU; 15 of the final 30 or 50% of the upper-division hours in the major field completed at OSU.
- Limit of: one-half of major course requirements as transfer work; one-fourth of hours earned by correspondence; 8 transfer correspondence hours.
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- Degrees that follow this plan must be completed by the end of Summer 2028.

## Example Plan of Study

### Finish in Four Plan of Study

The plan below is an **example** of how students can successfully complete degree requirements in four years. This suggested class schedule plan may be used as a guide and can be adjusted based on individual needs. Students are required to meet with an academic advisor prior to enrollment each semester to plan their class schedule, and students are ultimately responsible for completing all degree requirements.

Course	Title	Hours
<b>Freshman</b>		
<b>Fall</b>		
ENGL 1113 or ENGL 1313	Composition I or Critical Analysis and Writing I	3
ENGL 2543 or ENGL 2773	Survey of British Literature I (H) or Survey of American Literature I (H)	3
General Education courses		10
<b>Hours</b>		<b>16</b>
<b>Spring</b>		
ENGL 1213 or ENGL 1413	Composition II or Critical Analysis and Writing II	3
ENGL 2773 or ENGL 2543	Survey of American Literature I (H) or Survey of British Literature I (H)	3
General Education courses		8
<b>Hours</b>		<b>14</b>
<b>Sophomore</b>		
<b>Fall</b>		
ENGL 3243	Literary Theory and Criticism	3
1713 First Semester Foreign Language		3
PHIL 1313	Logic and Critical Thinking (A)	3
General Education courses		6
<b>Hours</b>		<b>15</b>
<b>Spring</b>		
ENGL 3343	Reading Poetry	3
1813 Second Semester Foreign Language		3
General Education courses		9
<b>Hours</b>		<b>15</b>
<b>Junior</b>		
<b>Fall</b>		
2000-level Foreign Language		3

Major, College, and Elective courses	12
<b>Hours</b>	<b>15</b>
<b>Spring</b>	
Major, College, and Elective courses	15
<b>Hours</b>	<b>15</b>
<b>Senior</b>	
<b>Fall</b>	
Major, College, and Elective courses	15
<b>Hours</b>	<b>15</b>
<b>Spring</b>	
Major, College, and Elective courses	15
<b>Hours</b>	<b>15</b>
<b>Total Hours</b>	<b>120</b>



# English: Professional Writing, BA

## Degree Requirements

**Requirements for Students Matriculating in or before Academic Year 2022-2023.** Learn more about University Academic Regulation 3.1 (p. 943).

**Minimum Overall Grade Point Average:** 2.00

**Total Hours:** 120

Code	Title	Hours
<b>General Education Requirements</b>		
<i>English Composition</i>		
See Academic Regulation 3.5 (p. 944)		
ENGL 1113 or ENGL 1313	Composition I Critical Analysis and Writing I	3
Select one of the following:		
ENGL 1213	Composition II	3
ENGL 1413	Critical Analysis and Writing II	3
ENGL 3323	Technical Writing	3
<i>American History &amp; Government</i>		
HIST 1103 or HIST 1483 or HIST 1493	Survey of American History American History to 1865 (H) American History Since 1865 (DH)	3
POLS 1113	American Government	3
<i>Analytical &amp; Quantitative Thought (A)</i>		
MATH or STAT course designated (A)		3
<i>Humanities (H)</i>		
Courses designated (H)		6
<i>Natural Sciences (N)</i>		
Must include one Laboratory Science (L) course		
Course designated (N)		6
<i>Social &amp; Behavioral Sciences (S)</i>		
Course designated (S)		3
<i>Additional General Education</i>		
Courses designated (A), (H), (N), or (S)		10
<b>Hours Subtotal</b>		<b>40</b>
<b>Diversity (D) &amp; International Dimension (I)</b>		
May be completed in any part of the degree plan		
Select at least one Diversity (D) course		
Select at least one International Dimension (I) course		
<b>College/Departmental Requirements</b>		
<i>First Year Seminar</i>		
(Transfer students with 15 hours exempt)		1
<i>Arts &amp; Humanities</i>		
ENGL 2243	Language, Text and Culture (HI)	3
Select 6 additional hours		6
See note 2.a.		
<i>Natural &amp; Mathematical Sciences</i>		
See note 2.b.		3
<i>Foreign Language</i>		
See note 3		9
<i>Non-Western Studies</i>		

See note 2.d.

*Upper-Division General Education*

Select 6 hours outside major department

See note 2.c.

**Hours Subtotal** **22**

### Major Requirements

*Core Courses*

ENGL 2233	Writing as a Profession (H)	3
ENGL 3203	Advanced Composition	3
ENGL 3223	Professional Writing Theory	3
ENGL 4523	Professional Writing Internship	3
ENGL 4530	Studies in Professional Writing	3
ENGL 4543	Style and Editing	3
ENGL 4553	Visual Rhetoric and Design	3
ENGL 4583	Writing for the Public	3

*Professional Writing/Linguistics*

Select 9 hours of the following: 9

ENGL 2253 Theory and Practice of Digital Studies

ENGL 4003 History of the English Language

ENGL 4013 English Grammar

ENGL 4033 Discourse Analysis

ENGL 4043 Teaching English to Speakers of Other Languages

ENGL 4063 Introduction to Descriptive Linguistics

ENGL 4073 Introduction to Sociolinguistics

ENGL 4093 Language in America (DS)

ENGL 4573 Games and Writing

ENGL 4593 Writing Across the Disciplines

*English electives*

Select 9 hours additional ENGL Electives (6 hours must be upper-division) 9

Select 12 hours of non-ENGL upper-division courses 12

**Hours Subtotal** **54**

### Electives

Select 4 hours 4

May need to include 6 hours upper-division general education outside major department (see note 2.c.)

**Hours Subtotal** **4**

**Total Hours** **120**

## Other Requirements

- See the College of Arts and Sciences Requirements.
- Minimum GPA 3.00 in all ENGL courses and a minimum grade of "C" in each ENGL course (excluding English Composition and free electives).
- **Upper-Division Credit:** Total hours must include at least 40 hours in courses numbered 3000 or above.
- **Hours in One Department:** For B.A. and B.S. degrees, no more than 54 hours in one department may be applied to degree requirements.

# College of Arts and Sciences Requirements

## 1. General Education Requirements

No more than two courses (or eight hours) from the major department (<http://catalog.okstate.edu/college-arts-sciences-major-departments/>) may be used to meet General Education and College and Departmental Requirements. The General Education required English Composition, required U.S. History, required American Government, one required MATH or STAT course, and required foreign language for B.A. degrees do not count against the two-course maximum.

## 2. A&S College/Departmental Requirements

- Arts and Humanities are defined as any course carrying an (H) designation or courses from AMST, ART, DANC, ENGL (except ENGL 3323 Technical Writing) HIST, MUSI, PHIL (except PHIL 1313 Logic and Critical Thinking (A), PHIL 3003 Symbolic Logic (A) and PHIL 4003 Mathematical Logic and Computability), REL, TH, and foreign languages.
- Natural and Mathematical Sciences are defined as any course from the following prefixes: ASTR, BIOC, BIOL, CHEM, CS (except CS 4883 Social Issues in Computing), GEOL, MATH, MICR, PBIO, PHYS, and STAT; or courses from other departments that carry an (A) or (N) general education designation.
- The required six hours of upper-division General Education may not include courses from the student's major department. This requirement may be satisfied by courses also used to satisfy any part of a student's degree program (i.e., in General Education, College Departmental Requirements, Major Requirements or Electives).
- Non-Western Studies Requirement for B.A. and B.F.A.; One 3-hour course in Non-Western Studies (N.W.). This requirement may be satisfied by courses also used to satisfy any part of a student's degree program (i.e., in General Education, College Departmental Requirements, Major Requirements or Electives).
- The College of Arts & Sciences requires a minimum 2.0 GPA in all major requirements and a minimum 2.0 GPA in all major-prefix courses applied to the degree.

## 3. Foreign Language Proficiency

- The foreign language requirement for the B.A. may be satisfied by 9 hours college credit in the same language, which must include 3 hours at the 2000-level, or equivalent proficiency (e.g., passing an advanced standing examination; TOEFL exam; presenting a high school transcript which demonstrates the high school was primarily conducted in a language other than English; etc.). Computer Science courses may not be used to satisfy this requirement. Currently Arabic and Mvskoke are not offered at the 2000-level at OSU.
- The foreign language requirement for the B.S., B.M. and B.F.A. may be satisfied by presenting a high school transcript which demonstrates two years of study of a single foreign language (passing grades at second-year level of study). It may also be satisfied by 6 hours college credit in the same language, which must include language courses 1713 and 1813, or equivalent proficiency (e.g., passing an advanced standing examination; TOEFL exam; presenting a high school transcript which demonstrates the high school was primarily conducted in a language other than English; etc.). Computer Science courses may not be used to satisfy this requirement.

- In addition to a. and b., students pursuing teacher certification must meet novice-high foreign language proficiency by presenting a high school transcript which demonstrates two years of study of a single foreign language with no grade below B. Or, students may complete 3 hours college credit in a single language with no grade below C (or pass an advanced standing examination, College Level Examination Program (CLEP) exam, or Oral Proficiency Interview developed by the American Council on the Teaching of Foreign Languages, equivalent to 3 hours of college credit.) Or, students may meet the requirement by transfer of documentation of meeting the foreign language competency from one of the teacher education programs in the State of Oklahoma approved by the Oklahoma State Regents for Higher Education.

## 4. Exclusions

- Courses used to satisfy the General Education English Composition, U.S. History, American Government, and Mathematics or Statistics requirements will not count toward the 54-hour maximum allowed from one department.
- Courses with ATHL or LEIS prefixes and leisure activity courses may not be used for degree credit.

## Additional State/OSU Requirements

- At least: 60 hours at a four-year institution; 30 hours completed at OSU; 15 of the final 30 or 50% of the upper-division hours in the major field completed at OSU.
- Limit of: one-half of major course requirements as transfer work; one-fourth of hours earned by correspondence; 8 transfer correspondence hours.
- Students will be held responsible for degree requirements in effect at the time of matriculation and any changes that are made, so long as these changes do not result in semester credit hours being added or do not delay graduation.
- Degrees that follow this plan must be completed by the end of Summer 2028.

## Example Plan of Study

### Finish in Four Plan of Study

The plan below is an **example** of how students can successfully complete degree requirements in four years. This suggested class schedule plan may be used as a guide and can be adjusted based on individual needs. Students are required to meet with an academic advisor prior to enrollment each semester to plan their class schedule, and students are ultimately responsible for completing all degree requirements.

Course	Title	Hours
<b>Freshman</b>		
<b>Fall</b>		
ENGL 1113 or ENGL 1313	Composition I or Critical Analysis and Writing I	3
ENGL 2233	Writing as a Profession (H)	3
General Education courses		9
		<b>Hours</b>
		<b>15</b>
<b>Spring</b>		
ENGL 1213 or ENGL 1413	Composition II or Critical Analysis and Writing II	3
General Education courses		12
		<b>Hours</b>
		<b>15</b>

**Sophomore**

**Fall**

1713 First Semester Foreign Language	3
General Education courses	12

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**Hours** **15**

**Spring**

1813 Second Semester Foreign Language	3
General Education courses	12

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**Hours** **15**

**Junior**

**Fall**

2000-level Foreign Language	3
Major, College, and Elective courses	12

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**Hours** **15**

**Spring**

Major, College, and Elective courses	15
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**Hours** **15**

**Senior**

**Fall**

Major, College, and Elective courses	15
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**Hours** **15**

**Spring**

Major, College, and Elective courses	15
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**Hours** **15**

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**Total Hours** **120**

## English: Screen Studies, BA

### Degree Requirements

**Requirements for Students Matriculating in or before Academic Year 2022-2023.** Learn more about University Academic Regulation 3.1 (p. 943).

**Minimum Overall Grade Point Average:** 2.00

**Total Hours:** 120

Code	Title	Hours
<b>General Education Requirements</b>		
<i>English Composition</i>		
See Academic Regulation 3.5 (p. 944)		
ENGL 1113	Composition I	3
or ENGL 1313	Critical Analysis and Writing I	
Select one of the following:		3
ENGL 1213	Composition II	
ENGL 1413	Critical Analysis and Writing II	
ENGL 3323	Technical Writing	
<i>American History &amp; Government</i>		
HIST 1103	Survey of American History	3
or HIST 1483	American History to 1865 (H)	
or HIST 1493	American History Since 1865 (DH)	
POLS 1113	American Government	3
<i>Analytical &amp; Quantitative Thought (A)</i>		
MATH or STAT course designated (A)		3
<i>Humanities (H)</i>		
Courses designated (H)		6
<i>Natural Sciences (N)</i>		
Must include one Laboratory Science (L) course		
Course designated (N)		6
<i>Social &amp; Behavioral Sciences (S)</i>		
Course designated (S)		3
<i>Additional General Education</i>		
Courses designated (A), (H), (N), or (S)		10
<b>Hours Subtotal</b>		<b>40</b>
<b>Diversity (D) &amp; International Dimension (I)</b>		
May be completed in any part of the degree plan		
Select at least one Diversity (D) course		
Select at least one International Dimension (I) course		
<b>College/Departmental Requirements</b>		
<i>First Year Seminar</i>		
(Transfer students with 15 hours exempt)		1
<i>Arts &amp; Humanities</i>		
ENGL 2453	Introduction to Film and Television (H)	3
ENGL 2543	Survey of British Literature I (H)	3
or ENGL 2653	Survey of British Literature II (H)	
Select 3 additional non-ENGL hours		3
<i>Natural &amp; Mathematical Sciences</i>		
See note 2.b.		3
<i>Foreign Language</i>		
See note 3		9

#### Non-Western Studies

See note 2.d.

#### Upper-Division General Education

Select 6 hours outside major department

See note 2.c.

**Hours Subtotal** **22**

#### Major Requirements

##### Core Courses

Select one of the following: 3

ENGL 2773 Survey of American Literature I (H)

ENGL 2883 Survey of American Literature II (DH)

ENGL 2963 Survey of Postcolonial and Indigenous Literatures (HI)

ENGL 3263 Film & TV Criticism 3

ENGL 3453 History of American Film (H) 3

ENGL 3463 History of International Film (HI) 3

ENGL 4450 Culture and the Moving Image 3

ENGL 3433 Introduction to Television Studies (H) 3

Select one of the following: 3

ENGL 3473 Race, Gender, and Ethnicity in American Film (D)

ENGL 4263 Moving Image Aesthetics (H)

##### English electives

Select 18 hours of ENGL electives (15 hours must be upper-division) including 6 hours from: 18

ENGL 4100 Studies in Medieval British Literature

ENGL 4110 Studies in 16th Century British Literature

ENGL 4120 Studies in 17th Century British Literature

ENGL 4130 Studies in 18th Century British Literature

ENGL 4160 Studies in 19th Century British Literature

ENGL 4170 Studies in 20th Century British Literature

ENGL 4200 Studies in Early American Literature

ENGL 4210 Studies in 19th Century American Literature

ENGL 4220 Studies in 20th Century American Literature

ENGL 4223 Introduction to Old English

ENGL 4300 Studies in Romanticism

ENGL 4310 Studies in Modernism

ENGL 4600 Studies in Chaucer or Milton

ENGL 4700 Single Author or Work Pre-1800

ENGL 4723 Studies in Shakespeare (H)

##### Related Courses

Select 15 hours of non-ENGL upper-division courses 15

**Hours Subtotal** **54**

##### Electives

Select 4 hours 4

May need to include 6 hours upper-division general education outside major department (see note 2.c.)

**Hours Subtotal**

**Total Hours** **120**

## Other Requirements

- See the College of Arts and Sciences Requirements.
- Minimum GPA 3.00 in all ENGL courses and a minimum grade of “C” in each ENGL course (excluding English Composition and free electives).
- **Upper-Division Credit:** Total hours must include at least 40 hours in courses numbered 3000 or above.
- **Hours in One Department:** For B.A. and B.S. degrees, no more than 54 hours in one department may be applied to degree requirements.

## College of Arts and Sciences Requirements

### 1. General Education Requirements

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### 4. Exclusions

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- Courses with ATHL or LEIS prefixes and leisure activity courses may not be used for degree credit.

## Additional State/OSU Requirements

- At least: 60 hours at a four-year institution; 30 hours completed at OSU; 15 of the final 30 or 50% of the upper-division hours in the major field completed at OSU.
- Limit of: one-half of major course requirements as transfer work; one-fourth of hours earned by correspondence; 8 transfer correspondence hours.
- Students will be held responsible for degree requirements in effect at the time of matriculation and any changes that are made, so long as these changes do not result in semester credit hours being added or do not delay graduation.
- Degrees that follow this plan must be completed by the end of Summer 2028.

## Example Plan of Study

### Finish in Four Plan of Study

The plan below is an **example** of how students can successfully complete degree requirements in four years. This suggested class schedule plan may be used as a guide and can be adjusted based on individual needs. Students are required to meet with an academic advisor prior to enrollment each semester to plan their class schedule, and students are ultimately responsible for completing all degree requirements.

Course	Title	Hours
<b>Freshman</b>		
<b>Fall</b>		
ENGL 1113 or ENGL 1313	Composition I or Critical Analysis and Writing I	3
ENGL 2453	Introduction to Film and Television (H)	3
General Education Courses		10
<b>Hours</b>		<b>16</b>
<b>Spring</b>		
ENGL 1213 or ENGL 1413	Composition II or Critical Analysis and Writing II	3
ENGL 2543 or ENGL 2653	Survey of British Literature I (H) or Survey of British Literature II (H)	3
General Education Courses		8
<b>Hours</b>		<b>14</b>
<b>Sophomore</b>		
<b>Fall</b>		
1713	First Semester Foreign Language	3
General Education Courses		12
<b>Hours</b>		<b>15</b>
<b>Spring</b>		
1813	Second Semester Foreign Language	3
Major, College, and Elective courses		12
<b>Hours</b>		<b>15</b>
<b>Junior</b>		
<b>Fall</b>		
2000-level	Foreign Language	3
Major, College, and Elective courses		12
<b>Hours</b>		<b>15</b>
<b>Spring</b>		
Major, College, and Elective courses		15
<b>Hours</b>		<b>15</b>
<b>Senior</b>		
<b>Fall</b>		
Major, College, and Elective courses		15
<b>Hours</b>		<b>15</b>
<b>Spring</b>		
Major, College, and Elective courses		15
<b>Hours</b>		<b>15</b>
<b>Total Hours</b>		<b>120</b>



## Linguistics (LING), Minor

**Requirements for Students Matriculating in or before Academic Year 2022-2023.** Learn more about University Academic Regulation 3.1 (p. 943).

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**Minimum Overall Grade Point Average:** 2.50

**Total Hours:** 15

Code	Title	Hours
<b>Minor Requirements</b>		
ENGL 4063	Introduction to Descriptive Linguistics	3
Select 12 hours of the following:		12
ENGL 2243	Language, Text and Culture (HI)	
ENGL 2443	Languages of the World (I)	
ENGL 4003	History of the English Language	
ENGL 4013	English Grammar	
ENGL 4033	Discourse Analysis	
ENGL 4043	Teaching English to Speakers of Other Languages	
ENGL 4073	Introduction to Sociolinguistics	
ENGL 4080	Studies in Linguistics	
ENGL 4083	Applied Linguistics	
ENGL 4093	Language in America (DS)	
ENGL 4143	Language and Technology	
PSYC 4343	Language Development (S)	
PHIL 3003	Symbolic Logic (A)	
PHIL 4543	Philosophy of Language	
<b>Total Hours</b>		<b>15</b>

### Other Requirements

- 9 hours must be upper-division.

### Additional OSU Requirements

#### Undergraduate Minors

- An undergraduate minor must include between fifteen and thirty hours, inclusive of undergraduate coursework.
- A minimum of six credit hours for the minor must be earned in residence at OSU.
- The courses required for a minor may be included in the course requirements for any undergraduate degree or they may be in addition to degree requirements, depending on the overlap between the minor and degree requirements. However, an undergraduate minor must be earned in an academic field other than the student's declared degree option. The minor may not duplicate the degree major or option (for example, a student who earns a BA in Art with an Art History option may earn a minor in Studio Art but not Art History).
- A student generally follows the minor requirements associated with his or her matriculation year or newer requirements that have been established since matriculation. The time limit for following requirements from a given academic year is six years.

For additional information on requirements on minors, click here (<https://adminfinance.okstate.edu/site-files/documents/policies/requirements-for-undergraduate-and-graduate-minors.pdf>).

## Professional Writing (PRWR), Minor

**Requirements for Students Matriculating in or before Academic Year 2022-2023.** Learn more about University Academic Regulation 3.1 (p. 943).

**Minimum grade and/or GPA:** 3.0 GPA

**Total Hours:** 15

Code	Title	Hours
<b>Course Requirements</b>		
Select three hours from the following lower-division:		3
ENGL 2233	Writing as a Profession (H)	
ENGL 2253	Theory and Practice of Digital Studies	
Select 12 hours from the following upper-division:		12
ENGL 3223	Professional Writing Theory	
ENGL 4553	Visual Rhetoric and Design	
ENGL 4543	Style and Editing	
ENGL 4583	Writing for the Public	
ENGL 4530	Studies in Professional Writing	
ENGL 4573	Games and Writing	
ENGL 4593	Writing Across the Disciplines	
<b>Total Hours</b>		<b>15</b>

## Additional OSU Requirements

### Undergraduate Minors

- An undergraduate minor must include between fifteen and thirty hours, inclusive of undergraduate coursework.
- A minimum of six credit hours for the minor must be earned in residence at OSU.
- The courses required for a minor may be included in the course requirements for any undergraduate degree or they may be in addition to degree requirements, depending on the overlap between the minor and degree requirements. However, an undergraduate minor must be earned in an academic field other than the student's declared degree option. The minor may not duplicate the degree major or option (for example, a student who earns a BA in Art with an Art History option may earn a minor in Studio Art but not Art History).
- A student generally follows the minor requirements associated with his or her matriculation year or newer requirements that have been established since matriculation. The time limit for following requirements from a given academic year is six years.

For additional information on requirements on minors, click here (<https://adminfinance.okstate.edu/site-files/documents/policies/requirements-for-undergraduate-and-graduate-minors.pdf>).

## Screen Studies (SCST), Minor

**Requirements for Students Matriculating in or before Academic Year 2022-2023.** Learn more about University Academic Regulation 3.1 (p. 943).

**Minimum GPA for Minor Courses:** 3.0 GPA

**Total Hours:** 15

Code	Title	Hours
<b>Course Requirements</b>		
<i>Lower Division</i>		
ENGL 2453	Introduction to Film and Television (H)	3
<i>Upper Division (Non-Repeating)</i>		
Select 12 hours from the following:		12
AMST 3473	Race, Gender, and Ethnicity in American Film (D)	
or ENGL 3473	Race, Gender, and Ethnicity in American Film (D)	
AMST 3503	Television and American Society (DH)	
ENGL 3263	Film & TV Criticism	
ENGL 3353	Film and Literature	
ENGL 3433	Introduction to Television Studies (H)	
ENGL 3453	History of American Film (H)	
ENGL 3463	History of International Film (HI)	
ENGL 4350	Contemporary International Cinema	
ENGL 4450	Culture and the Moving Image	
<b>Total Hours</b>		<b>15</b>

## Additional OSU Requirements

### Undergraduate Minors

- An undergraduate minor must include between fifteen and thirty hours, inclusive of undergraduate coursework.
- A minimum of six credit hours for the minor must be earned in residence at OSU.
- The courses required for a minor may be included in the course requirements for any undergraduate degree or they may be in addition to degree requirements, depending on the overlap between the minor and degree requirements. However, an undergraduate minor must be earned in an academic field other than the student's declared degree option. The minor may not duplicate the degree major or option (for example, a student who earns a BA in Art with an Art History option may earn a minor in Studio Art but not Art History).
- A student generally follows the minor requirements associated with his or her matriculation year or newer requirements that have been established since matriculation. The time limit for following requirements from a given academic year is six years.

For additional information on requirements on minors, click here (<https://adminfinance.okstate.edu/site-files/documents/policies/requirements-for-undergraduate-and-graduate-minors.pdf>).

## Teaching English to Speakers of Other Languages, Undergraduate Certificate

**Requirements for Students Matriculating in or before Academic Year 2022-2023.** Learn more about University Academic Regulation 3.1 (p. 943).

**Total Hours: 15**

Code	Title	Hours
ENGL 4013	English Grammar	3
ENGL 4043	Teaching English to Speakers of Other Languages	3
ENGL 4180	Internship in TESL	3-4
Select six credit hours from:		6
ENGL 2243	Language, Text and Culture (HI)	
ENGL 2443	Languages of the World (I)	
ENGL 4003	History of the English Language	
ENGL 4033	Discourse Analysis	
ENGL 4063	Introduction to Descriptive Linguistics	
ENGL 4073	Introduction to Sociolinguistics	
ENGL 4080	Studies in Linguistics	
ENGL 4083	Applied Linguistics	
ENGL 4093	Language in America (DS)	
ENGL 4143	Language and Technology	
ENGL 4520	Problems in English	
CIED 4133	Introduction to K-12 English Language Learners	
CIED 4813	Second Language Acquisition Research and Pedagogy	

For additional information on this program, please contact Dr. Carol Moder, English Department, 205 Morrill Hall, 405-744-9471, or Dr. Steph Link, English Department, 109D Morrill Hall, 405-744-6232.

## Gender, Women's and Sexuality Studies

Gender, Women's, and Sexuality Studies (GWST) is an interdisciplinary program offering diverse undergraduate and graduate coursework, a minor for undergraduates, support for faculty research and curricular development, and opportunities to collaborate with community and campus partners who are intrigued by how gender shapes the world. Faculty and courses from twelve departments across the university contribute to the program.

The minor is offered through the College of Arts and Sciences, but is open to all undergraduates regardless of major. In addition to two required courses in Gender and Women's Studies (GWST 2113 Transnational Women's Studies (S) or GWST 2123 Introduction to Gender Studies (DH); GWST 4113 Feminist Theories or GWST 4503 Theorizing Men and Masculinities), students choose from GWST courses focusing on gender and women (6 hours), and from classes that complement gender and women's studies (3 hours).

Students in Gender, Women's and Sexuality Studies pursue research in the history of women, in theories of gender, in feminism, in the cultural construction of masculinity, and in the cross-cultural intersections of race, class, nationality and sexuality. Work in Gender, Women's and Sexuality Studies can lead to and enrich a wide variety of careers, including nonprofit development, graduate training in humanities and the social sciences, education, curatorial administration, human resources, creative writing and reportage, international relations, publishing, public relations, and electoral politics and advocacy.

### Courses

#### GWST 2113 Transnational Women's Studies (S)

**Description:** Introduction to research on women and gender in transnational contexts. Interpersonal relationships, socioeconomic status, power and authority as women experience them, myths and realities among women of different races, classes, ethnicities, sexual orientation, nationalities, ages, and physical ability. Previously offered as WMST 2113.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Dean of Arts & Science

**General Education and other Course Attributes:** Social & Behavioral Sciences

#### GWST 2123 Introduction to Gender Studies (DH)

**Description:** Introduction to critical thinking about the construction of gender and the intersections of gender with race, ethnicity, class, and sexuality. Basic methods of studying gender from an interdisciplinary humanities perspective. Previously offered as WMST 2123.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Dean of Arts & Science

**General Education and other Course Attributes:** Diversity, Humanities

#### GWST 3443 Gender Relations in Chinese History (H)

**Description:** This course examines men's and women's social, cultural, religious, political, economic, family, and sexual experiences in Chinese history; particularly women's own voices and efforts in pursuing their own goals and aspirations. Same course as HIST 3443.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Dean of Arts & Science

**General Education and other Course Attributes:** Humanities

#### GWST 3450 Topics in Gender Studies

**Prerequisites:** GWST 2113 or GWST 2123 or permission of instructor.

**Description:** Suggested topics include: women and health, women and science, women and religion. Previously offered as WMST 3450. Offered for fixed credit, 3 credit hours, maximum of 12 credit hours.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Dean of Arts & Science

#### GWST 3513 Theorizing Sexualities (D)

**Prerequisites:** GWST 2113 or GWST 2123.

**Description:** Examination of poststructuralist and/or feminist theories of sexualities in contexts of film, literature, history, or popular culture. Likely theorists include Foucault, Butler, D'Emilio, Lorde, Kristeva, Anzaldúa, Chow, and/or Chauncey. Previously offered as WMST 3513.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Dean of Arts & Science

**General Education and other Course Attributes:** Diversity

#### GWST 3553 LGBTQ Lives in the United States (D)

**Description:** Introduction to the Study of lesbian, gay, bisexual, transgender, intersex, and queer+ (LGBTQ) experiences, representations, cultural practices, and resistance to oppression in the contemporary United States.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Dean of Arts & Science

**General Education and other Course Attributes:** Diversity

#### GWST 3613 Race and Reproduction in the U.S. (D)

**Prerequisites:** GWST 2113 or GWST 2123 recommended.

**Description:** An interdisciplinary examination of the inextricable relationship between race relations and reproductive politics. Issues explored include malthusianism, sterilization abuse, criminalizing pregnancy, natalism and nationalism, eugenics, the role of women of color in campaigns for reproductive justice, and representations of motherhood.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Dean of Arts & Science

**General Education and other Course Attributes:** Diversity

**GWST 3713 Gender and Representation (D)**

**Description:** Cultural analysis of gender representation and gender relations. Using cultural texts and practices in several areas such as children's culture, sport, music, film and TV. Previously offered as WMST 3713.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Dean of Arts & Science

**General Education and other Course Attributes:** Diversity

**GWST 3813 Mothering**

**Description:** This course offers an interdisciplinary study of motherhood and mothering, exploring its social and cultural contours, diverse representations, and varied practices from GWST, feminist, intersectional, and LGBTQ perspectives.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Dean of Arts & Science

**GWST 3913 Gender, Violence & Justice (D)**

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Dean of Arts & Science

**General Education and other Course Attributes:** Diversity

**GWST 4013 Approaches to Feminist Research**

**Prerequisites:** GWST 2113 or GWST 2123 or consent of instructor.

**Description:** Examines the ethics and epistemologies of methodologies and theoretical frameworks most conducive to feminist analysis. This course prepares students to conceptualize their own research projects. Previously offered as WMST 4013. May not be used for degree credit with GWST 5013.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Dean of Arts & Science

**GWST 4113 Feminist Theories**

**Prerequisites:** GWST 2113 or GWST 2123 or consent of instructor.

**Description:** Examines the different types of feminist theories and the role theory plays in the production of knowledge. A variety of feminist theories will be considered from an interdisciplinary perspective. Previously offered as WMST 4113. May not be used for degree credit with GWST 5113.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Dean of Arts & Science

**GWST 4333 History of Sexuality in the United States (D)**

**Description:** This course examines the history of sexuality in the U.S. from the 16th century to the present. It considers how social, cultural, political, and economic conditions have affected changing meanings of sexuality over time. It takes an intersectional approach, paying particular attention to how issues of race, class, and gender have shaped attitudes towards and experiences of sexuality in the American past. Same course as HIST 4333.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Dean of Arts & Science

**General Education and other Course Attributes:** Diversity

**GWST 4413 Sex & Gender in the Medieval World**

**Description:** Historical attitudes toward sex and gender history in medieval Europe. Interdisciplinary approach also including cultural, social, economic and religious history. Same course as HIST 4413.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Dean of Arts & Science

**GWST 4503 Theorizing Men and Masculinities**

**Prerequisites:** GWST 4113 or permission of instructor.

**Description:** Examines the roles of men in various cultural contexts, the historical development of manhood as an ideal, and theories of masculinities. May not be used for degree credit with GWST 5503.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Dean of Arts & Science

**GWST 4613 Women in the Bible (H)**

**Description:** This course will examine the stories about and portrayals of women in the Bible. We will explore what the biblical authors have to say about women within their cultural contexts and how these portrayals have shaped how women are seen in Western society. By analyzing the portrayals of women in antiquity, the course will also provide conceptual tools to help students examine how gender has been understood in Western society. Same course as REL 4613.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Dean of Arts & Science

**General Education and other Course Attributes:** Humanities



**GWST 4890 Internship in Gender and Women's Studies****Prerequisites:** Consent of instructor.**Description:** Directed practicum or internship experience in a GWST related professional work setting. Students must have an approved internship that will provide gender and women's studies experience beyond that available in the classroom. Students produce written analyses of their work and learning under the guidance of the instructor and internship site supervisor. Offered for variable credit, 1-9 credit hours, maximum of 9 credit hours.**Credit hours:** 1-9**Contact hours:** Contact: 1-9 Other: 1-9**Levels:** Undergraduate**Schedule types:** Independent Study**Department/School:** Dean of Arts & Science**GWST 4950 Special Topics in Global Feminism****Prerequisites:** GWST 2113 or GWST 2123 or permission of instructor.**Description:** Selected topics in the problems and issues of global women's and feminist activism. Highlights the continuing fight to secure gender equality, especially in developing nations. Exploration of the women's movement links with other human rights struggles across the globe. Previously offered as WMST 4950. May not be used for degree credit with GWST 5950. Offered for 3 credit hours, maximum of 6 credit hours.**Credit hours:** 3**Contact hours:** Lecture: 3 Contact: 3**Levels:** Undergraduate**Schedule types:** Lecture**Department/School:** Dean of Arts & Science**GWST 4990 Directed Readings in Gender Studies****Prerequisites:** Permission of instructor.**Description:** Examines gender studies issues and topics. Previously offered as WMST 4990. May not be used for degree credit with GWST 5990. Offered for variable credit, 1-3 credit hours, maximum of 12 credit hours.**Credit hours:** 1-3**Contact hours:** Lecture: 1-3 Contact: 1-3**Levels:** Undergraduate**Schedule types:** Lecture**Department/School:** Dean of Arts & Science**GWST 5013 Approaches to Feminist Research****Description:** Examines the epistemologies, theoretical frameworks, and ethics of methodologies conducive to feminist analysis. This course prepares students to conceptualize and undertake their own research projects. May not be used for degree credit with GWST 4013.**Credit hours:** 3**Contact hours:** Lecture: 3 Contact: 3**Levels:** Graduate**Schedule types:** Lecture**Department/School:** Dean of Arts & Science**GWST 5103 Gender and Sexuality****Description:** This course offers an interdisciplinary survey of major works and key concepts in the field of Gender and Women's Studies.**Credit hours:** 3**Contact hours:** Lecture: 3 Contact: 3**Levels:** Graduate**Schedule types:** Lecture**Department/School:** Dean of Arts & Science**GWST 5113 Feminist Theory****Description:** Examines diverse feminist theories and their role in the production of knowledge. A variety of contemporary feminist theories will be considered from an interdisciplinary perspective. May not be used for degree credit with GWST 4113.**Credit hours:** 3**Contact hours:** Lecture: 3 Contact: 3**Levels:** Graduate**Schedule types:** Lecture**Department/School:** Dean of Arts & Science**GWST 5300 Seminar in Gender and Women's Studies****Description:** This course will offer a topics-based graduate colloquium in the interdisciplinary and international field of Gender and Women's Studies. Potential topics include Gender and Modern War, Feminist Aesthetics, Sexuality and Space, Cold War Masculinities, and Gender and International Relations. Offered for variable credit, 1-3 credit hours, maximum of 9 credit hours.**Credit hours:** 1-3**Contact hours:** Lecture: 1-3 Contact: 1-3**Levels:** Graduate**Schedule types:** Lecture**Department/School:** Dean of Arts & Science**GWST 5503 Theorizing Men and Masculinities****Prerequisites:** GWST 4113 or permission of instructor.**Description:** Examines the roles of men in various cultural contexts, the historical development of manhood as an ideal, and theories of masculinities. May not be used for degree credit with GWST 4503.**Credit hours:** 3**Contact hours:** Lecture: 3 Contact: 3**Levels:** Graduate**Schedule types:** Lecture**Department/School:** Dean of Arts & Science**GWST 5913 Gender, Violence and Justice****Description:** This course provides a transnational, intersectional examination of gender-based violence and varied forms of justice. Issues explored might include violence against women, domestic violence, human trafficking, sexual harassment, policing, incarceration, as well as anti-violence activism and alternatives to criminal legal system. May not be used for degree credit with GWST 3913.**Credit hours:** 3**Contact hours:** Lecture: 3 Contact: 3**Levels:** Graduate**Schedule types:** Lecture**Department/School:** Dean of Arts & Science**GWST 5950 Special Topics in Global Feminism****Prerequisites:** GWST 2113 or GWST 2123 or permission of instructor.**Description:** Selected topics in the problems and issues of global women's and feminist activism. Highlights the continuing fight to secure gender equality, especially in developing nations. Exploration of the women's movement links with other human rights struggles across the globe. May not be used for degree credit with GWST 4950. Offered for 3 credit hours, maximum of 6 credit hours.**Credit hours:** 3**Contact hours:** Lecture: 3 Contact: 3**Levels:** Graduate**Schedule types:** Lecture**Department/School:** Dean of Arts & Science

**GWST 5990 Directed Readings in Gender and Women's Studies**

**Prerequisites:** Permission of instructor.

**Description:** Specialized readings or independent study in GWST. May not be used for degree credit with GWST 4990. Offered for variable credit, 1-3 credit hours, maximum of 6 credit hours.

**Credit hours:** 1-3

**Contact hours:** Contact: 1-3 Other: 1-3

**Levels:** Graduate

**Schedule types:** Independent Study

**Department/School:** Dean of Arts & Science

## Minors

- Gender, Women's and Sexuality Studies (GWS), Minor (p. 1166)

## Faculty

Lucy E. Bailey—Director and Associate Professor

For program information, please contact [lucy.bailey@okstate.edu](mailto:lucy.bailey@okstate.edu)

**Assistant Professor of Gender and Women's Studies:** Corinne Schwarz

**Assistant Professor of Gender, Women's & Sexuality Studies and Africana Studies:** Reanae McNeal

**Art History, Core faculty in Gender and Women's Studies:** Jennifer Borland

**American Studies and History, Core faculty in Gender and Women's Studies:** John Kinder

**English, Core faculty in Gender and Women's Studies:** Carol Moder

**History, Core faculty in Gender and Women's Studies:** Emily Graham

**English, Core faculty in Gender and Women's Studies:** Stacy Takacs

## Gender, Women's and Sexuality Studies (GWS), Minor

**Requirements for Students Matriculating in or before Academic Year 2022-2023.** Learn more about University Academic Regulation 3.1 (p. 943).

**Lucy Bailey**, Faculty contact, 215 WLLD, 405-744-9194, lucy.bailey@okstate.edu

**Anthony Valentine**, 213 LSE, 405-744-5658

**Minimum Grade Point Average in Minor Coursework:** 2.00

**Total Hours:** 15

Code	Title	Hours
<b>Minor Requirements</b>		
GWST 2113	Transnational Women's Studies (S)	3
or GWST 2123	Introduction to Gender Studies (DH)	
GWST 4113	Feminist Theories	3
or GWST 4503	Theorizing Men and Masculinities	
Select 6 hours from classes focusing on gender and women:		6
GWST 3450	Topics in Gender Studies	
GWST 3513	Theorizing Sexualities (D)	
GWST 3553	LGBTQ Lives in the United States (D)	
GWST 3613	Race and Reproduction in the U.S. (D)	
GWST 3713	Gender and Representation (D)	
GWST 3813	Mothering	
GWST 3913	Gender, Violence & Justice (D)	
GWST 4013	Approaches to Feminist Research	
GWST 4333	History of Sexuality in the United States (D)	
or HIST 4333	History of Sexuality in the United States (D)	
GWST 4413	Sex & Gender in the Medieval World	
GWST 4503	Theorizing Men and Masculinities	
GWST 4950	Special Topics in Global Feminism	
GWST 4890	Internship in Gender and Women's Studies	
GWST 4990	Directed Readings in Gender Studies	
AFAM 3950	Special Topics in Africana Studies	
AMST 4553	Gender in America (DH)	
ART 4693	Gender And Visual Culture	
ENGL 3153	Readings in Literature by Women (DH)	
HIST 3443	Gender Relations in Chinese History (H)	
HIST 4413	Sex and Gender in the Medieval World (H)	
HIST 4553	Gender in America (DH)	
HONR 3053	Biology, Race, and Gender: Honors (DH)	
POLS 4693	Gender and Politics	
PSYC 4123	Psychology of Women (DS)	
SOC 4043	Gender and Work (DS)	
SOC 4213	Sociology of Sexualities (S)	
SOC 4643	Sociology of Gender (S)	
SOC 4653	Gender and the Middle East (IS)	
	and other suitable feminist and gender topics courses by petition.	
3 hours from classes in the list above or below that complement gender and women's studies:		3

AMST 3423	American Popular Culture (H)
AMST 3473	Race, Gender, and Ethnicity in American Film (D)
or ENGL 3473	Race, Gender, and Ethnicity in American Film (D)
AMST 3653	The Body in American Culture (DH)
AMST 3823	U.S. as Business Culture (DH)
AMST 3950	Special Topics in American Studies (DH)
ART 4613	Art Since 1960
BIOL 3233	Human Reproduction
CIED 5623	Multicultural and Diversity Issues in Curriculum
EEE 3033	Women and Minority Entrepreneurship
HIST 3683	United States History Since 1945 (DH)
HIST 3913	History of Medicine (H)
HONR 2073	The Story of Lizzie Borden: Axe Murder in American Culture (DH)
MGMT 4213	Managing Diversity in the Workplace (D)
PHIL 3813	American Philosophy (H)
PHIL 3833	Biomedical Ethics (H)
POLS 4963	U.S. Constitution: Civil Rights and Civil Liberties
PSYC 2593	Psychology of Human Sexuality
SOC 4153	Sociology of Health and Illness
SOC 4723	Sociology of Families (S)
TH 3633	Diverse American Drama (DH)
	and other suitable complementary topics courses focused on gender, sexuality, feminism, or intersectionality by petition.
<b>Total Hours</b>	<b>15</b>

### Additional OSU Requirements Undergraduate Minors

- An undergraduate minor must include between fifteen and thirty hours, inclusive of undergraduate coursework.
- A minimum of six credit hours for the minor must be earned in residence at OSU.
- The courses required for a minor may be included in the course requirements for any undergraduate degree or they may be in addition to degree requirements, depending on the overlap between the minor and degree requirements. However, an undergraduate minor must be earned in an academic field other than the student's declared degree option. The minor may not duplicate the degree major or option (for example, a student who earns a BA in Art with an Art History option may earn a minor in Studio Art but not Art History).
- A student generally follows the minor requirements associated with his or her matriculation year or newer requirements that have been established since matriculation. The time limit for following requirements from a given academic year is six years.

For additional information on requirements on minors, click here (<https://adminfinance.okstate.edu/site-files/documents/policies/requirements-for-undergraduate-and-graduate-minors.pdf>).

## Geography

The Department of Geography offers degrees in Global Studies, Geospatial Information Science as well as Geography. If you are seeking a flexible major, want to help solve social and environmental challenges, enjoy traveling, like maps, or are curious about different ways of life, our degree options might be a great fit for you.

Our students share interests in global perspectives and environmental issues, enjoy exploring new places, and want to learn more about making and using maps to inform public policy, for example. Majoring in Geography, Global Studies, or Geospatial Information Science can open doors to a wide variety of career options. Undergraduates also have the opportunity to conduct in research with a faculty mentor, gain work experience through an internship, or participate in a study abroad.

Geography brings together the study of people, the environment, and the interactions between them in order to understand and improve our world.

- Human geographers tend to focus on local, national, and global flows of ideas and practices. They may emphasize the study of migration, voting patterns, travel behavior within cities, or how the use of social media varies from one region to another, for example.
- Physical geographers seek to understand environmental processes that affect air and water quality, biodiversity, or contribute to natural disasters.
- Human-environment geographers work at the intersection of social and natural dynamics to study the climate impacts of human activities, to understand vulnerability to drought or other natural hazards, or to design and plan sustainable cities, for example.
- Through the use of Global Positioning System (GPS) data, drone- and satellite-based imagery, and geographic information systems (GIS), geographers, map, monitor, and analyze environmental change in order to understand how our world is changing, where, and who is affected.
- Geography spans the sciences, social sciences, and humanities. Much of the work that geographers do is inherently interdisciplinary in scope.

Many careers are available to the geography major. Recent graduates have been employed in the public and private sector in jobs involving urban and regional planning, GIS mapping and analysis for oil and gas projects, community development, locational analysis for business and industry, resource planning and management, the Foreign Service, cartography, and teaching. Geography provides an excellent foundation for a career in business, industry, or government.

The department specializes in three areas:

- nature-society dynamics, including resource management;
- cultural and historical geography; and
- geographic information systems, including unmanned aerial systems.

The department also manages Cartography Services, the Center for Applications of Remote Sensing, three GIS labs, a palynology/paleoecology laboratory, field mapping equipment such as Global Positioning System receivers, and an interactive weather analysis system with satellite data feed.

The Department of Geography offers flexible degree options and certificates, including the following:

- BA/BS in Geography (with Business Essentials, Pre-Law, and Pre-Ministry options)
- BA in Global Studies (with Business Essentials, Pre-Law, and Pre-Ministry options)
- BS in Geospatial Information Science
- Certificate in GIS (undergraduate and graduate)
- Certificate in Environmental Studies (undergraduate)

Undergraduates also have the opportunity to participate in an accelerated master's program ("4+1" degree) in which they can earn the BA in Global Studies in four years and the MS in Global Studies in their fifth year. An advanced program leading to the MS and PhD degrees is also available. The department also sponsors students in the interdisciplinary MS and PhD programs in environmental science.

## Global Studies

Global Studies combines the study of world regions with cultural, environmental, economic, political and other facets of globalization and global change. Global studies offers practical and vital knowledge about the world, how it works and why it is changing. Faculty in Geography who teach in the Global Studies program have extensive experience with research, teaching, study abroad, and travel around the world, with specialties in North America, Latin America, Europe, Africa, Australia, Central Asia and the Middle East.

A Global Studies degree prepares students for both international and domestic careers with the federal government and a wide variety of NGOs, charitable organizations, and other agencies involved in different aspects of regional and global development. The ongoing growth and global expansion of Christian missions, many of which originate and are coordinated by Oklahoma-based churches and charities, will benefit from students with a degree in Global Studies. It is also an ideal second major for many other degree programs both within and beyond A&S (e.g. Foreign Languages, Political Science, International Business, International Agriculture). Students with a Global Studies degree can serve the needs of Oklahoma, the nation and the world by joining a workforce of globally-minded people who can easily function in a world that is increasingly interconnected.

## Geospatial Information Science

Driven by technological innovations and an explosion in the availability of spatial information, geospatial technologies including geographic information systems (GIS), the Global Positioning System (GPS) and remote sensing have introduced revolutionary ways to utilize spatial information. The BS degree in geospatial information science (GISci) provides students with a theoretical and applied foundation in the rapidly growing field of GISci. The program is especially relevant to students interested in cultural and natural resource management, agriculture, planning and the environment.

The importance of GISci is underscored by a growing number of jobs emphasizing or entirely focused on the storage, analysis and visualization of geospatial data. A student who earns the BS in Geospatial Information Science at OSU will be well-versed in general GISci knowledge and will have competency utilizing GISci hardware and software for the planning, development and maintenance of spatial and nonspatial databases. Most important, students who complete the BS will have higher order skills involving the analysis of geospatial data and will be capable of communicating findings with larger audiences. Requirements for the proposed BS have been designed to parallel skills needed by GISci professionals. Upon earning the BS, a

student will be proficient in spatial data capture, data representation, spatial data analysis, GISci theory, and GISci project development and implementation. Students can expect to find occupations in a variety of fields in private industry, government, education and agriculture.

Since the early 1990s the OSU Geography Department has distinguished itself in GISci instruction and research. In 1996 the Department launched the state's first Certificate in Geographic Information Systems and in subsequent years has expanded GISci course offerings to address growing student interest and demand. The Department is well-known nationally and internationally for research involving the integration of GISci within farm-level decision-making, for scholarship involving human patterns and processes tied to cultural and historical landscapes and for research involving communications and transportation systems. Faculty in the Department have been highly successful in obtaining extramural support for GISci research and extension activities from organizations ranging from the National Science Foundation to the National Park Service, U.S. Department of State, Oklahoma Historical Society, and Oklahoma Department of Transportation. Faculty in the Department have also worked to improve STEM education in Oklahoma schools through projects such as a \$1.2 million grant from the National Science Foundation that introduced GISci activities in 6th through 12th grade science classrooms. The Department's international outreach efforts tied to geospatial technologies include a training partnership involving faculty and students in Vietnam and a multi-year project aimed at building Iraq's GISci infrastructure.

## Certificate in Environmental Studies (EVST)

The certificate is open to all undergraduate majors and is designed to fit within most four-year degree plans without the need for additional credit hours. The certificate is awarded upon completion of the bachelor's degree and requires the completion of 17 credit hours. Lower-division requirements include one introductory course from the environmental sciences plus a two-hour course on global sustainability. Upper-division requirements include two core courses (Conservation of Natural Resources, American Environmental History), plus two others (six credit hours) from a wide variety of upper-division courses that emphasize human-environment interaction.

Completion of the certificate indicates that a student has developed a knowledge base of environmental science combined with the study of human cultural interactions with the natural world from the perspectives of history, political science, art, psychology, philosophy, literature, economics, and other disciplines. The certificate is ideal for students whose interests span the humanities, social sciences, and natural sciences.

The undergraduate Certificate in Environmental Studies recognizes students who complete their degrees with a notable share of courses emphasizing the study of the natural environment and how societies interact with nature.

## Certificate in Geographic Information Systems (GIS)

The certificate in GIS provides students with broad exposure to principles and applications of GIS. A student who has earned the certificate is well-versed in general GIS theory and has knowledge and/or practical exposure to the following:

1. hardware and software used in GIS and spatial data collection,
2. planning, design, and management of spatial and non-spatial databases,
3. spatial analysis and/or GIS programming, and
4. representation of data in both mapped and tabular form.

Requirements for the certificate are designed to parallel skills needed by GIS professionals. Admission into the certificate program is open to anyone enrolled as an undergraduate student, graduate student or special student at OSU. To receive a certificate in GIS, a student must complete 15 hours of coursework in GIS and related topics and hold a bachelor's or more advanced degree from OSU or an accredited college. Students may work toward the certificate while completing their bachelor's or graduate degree.

For more information about the Department of Geography, its programs or certificates, please visit <https://geog.okstate.edu/> or contact us at 405-744-6250.

## Courses

### GEOG 1022 Climate Change and Humanity (N)

**Description:** Focus on the development of scientific inquiry and critical thinking skills needed to evaluate complex relationships among climate, energy production, and the environment. Students will explore causes and consequences of climate change and consider climate change science from alternative perspectives. Same course as GEOL 1022.

**Credit hours:** 2

**Contact hours:** Lecture: 2 Contact: 2

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Geography

**General Education and other Course Attributes:** Natural Sciences

### GEOG 1113 Introduction to Cultural Geography (IS)

**Description:** Surveys the principles of human geography by exploring the world's diverse patterns of culture and associated cultural landscapes. Examination of global patterns of population; language; religion; ethnic, national, and sexual identities; the development of regions, cities, and industry; food production and environmental change, especially as they are affected by globalization.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Geography

**General Education and other Course Attributes:** International Dimension, Social & Behavioral Sciences



**GEOG 1114 Physical Geography (LN)**

**Description:** Study of the atmosphere, hydrosphere, lithosphere, and biosphere—the major realms that interact to create Earth’s environmental patterns. Human-environmental interactions are emphasized as the environment affecting people and people affecting the environment. The lab rounds out knowledge in course themes through hands on study of maps, GPS, and environmental processes.

**Credit hours:** 4

**Contact hours:** Lecture: 3 Lab: 2 Contact: 5

**Levels:** Undergraduate

**Schedule types:** Lab, Lecture, Combined lecture and lab

**Department/School:** Geography

**General Education and other Course Attributes:** Scientific Investigation, Natural Sciences

**Additional Fees:** Geography Field Trip fee of \$43 applies.

**GEOG 1713 Regions & Nations in Global Context (IS)**

**Description:** A regional approach to the study of human societies and the makeup of nations around the world, with an emphasis on contemporary issues such as climate change, sustainability and other environmental impacts; population and immigration; cultural, religion and language; and economic characteristics such as wealth disparities, poverty and education. This course covers many distinct world regions in each region such as Europe, Latin America, the Middle East and Southeast Asia. Previously offered as GEOG 2253. Same course as GLST 1713.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Geography

**General Education and other Course Attributes:** International Dimension, Social & Behavioral Sciences

**GEOG 2002 Global Sustainability (N)**

**Description:** This course examines questions of sustainability and sustainable development in a global context from environmental, social, and economic perspectives. Emphasis is placed on how different dimensions of sustainability interact, and how those interactions are shaped by regional context in a globalized world. Through discussion of policy and current environmental issues around the world, students will learn to analyze relationships and tradeoffs between humans and their environment. Same course as GLST 2002.

**Credit hours:** 2

**Contact hours:** Lecture: 2 Contact: 2

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Geography

**General Education and other Course Attributes:** Natural Sciences

**GEOG 2103 Global Perspectives (IS)**

**Description:** Introduces students to the cultural, economic, and political aspects of globalization and global issues. Emphasizes the relationship between tradition and change, the interconnectedness of people, places, and institutions, aspects of social and economic development, and the evolving role of technology in creating and sustaining a globalized world. Also introduces students to possible career options. Same course as GLST 2103.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Geography

**General Education and other Course Attributes:** International Dimension, Social & Behavioral Sciences

**GEOG 2344 Digital Tools for Environmental Problem-Solving (LN)**

**Description:** This course provides an introduction to some cool tools for environmental problem-solving. These tools mainly include the Global Positioning System (GPS), geographic information systems (GIS), and remote sensing, also referred to as geospatial technologies. With a combination of lectures and hands-on exercises, students will become familiar with the fundamentals of these cool tools, and their applications in the environment such as in public health, climate change, water resource, food security, disaster assessment and recovery, deforestation.

**Credit hours:** 4

**Contact hours:** Lecture: 3 Lab: 2 Contact: 5

**Levels:** Undergraduate

**Schedule types:** Lab, Lecture, Combined lecture and lab

**Department/School:** Geography

**General Education and other Course Attributes:** Scientific Investigation, Natural Sciences

**GEOG 2890 Honors Experience in Geography**

**Prerequisites:** Honors Program participation and concurrent enrollment in a designated GEOG course.

**Description:** A supplemental Honors experience in Geography to partner concurrently with designated Geography courses (GEOG 1113, 1114, and 1713). This course adds a different intellectual dimension to the designated courses. Offered for variable credit, 1-6 credit hours, maximum of 6 credit hours.

**Credit hours:** 1

**Contact hours:** Lecture: 1 Contact: 1

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Geography

**General Education and other Course Attributes:** Honors Credit

**GEOG 3023 Climatology (N)**

**Description:** A non-quantitative introduction to characteristics and distributions of long-term patterns in the atmosphere. Patterns and associations of temperature, precipitation, pressure and winds. Physical processes, regional climates of Earth, climate change, and applications of climate to agriculture, industry, and other human activities.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Geography

**General Education and other Course Attributes:** Natural Sciences



**GEOG 3033 Meteorology (N)**

**Description:** A non-quantitative introduction to weather. Physical elements that cause and influence the atmosphere over the short term. Energy, moisture, and storms. Interpretation of weather maps and satellite imagery.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Geography

**General Education and other Course Attributes:** Natural Sciences

**GEOG 3053 Introduction to Central Asia Studies (IS)**

**Description:** A comprehensive view of newly-emerged Central Asian states, examining the history, politics, economics, geography, and culture of Azerbaijan, Kazakhstan, Kyrgyzstan, Tajikistan, Turkmenistan and Uzbekistan as reflected in their thoughts, religion, literature, and architecture in the past, and the strategic importance of their natural wealth for the present and future. Same course as GLST 3053, HIST 3053, POLS 3053 & RUSS 3053.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Geography

**General Education and other Course Attributes:** Social & Behavioral Sciences

**GEOG 3063 Economic Meteorology**

**Description:** Economic impact of weather ranging from consumer spending to agriculture and energy commodity markets. Specific weather events, and their associated economic impact, weather and climate forecasting and methods for eliminating weather risk.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Geography

**GEOG 3093 Historical Geography of North America to 1800 (H)**

**Description:** This course is an examination of the cultural geography of colonial North America from the earliest European contact with Native Americans to the end of the 18th Century. The course examines regional patterns of indigenous American Indian settlement, European exploration, trade, colonization. Immigration, impacts upon indigenous societies, and the development of preindustrial economic regions. Students will gain an appreciation of the interactions of various indigenous, European, and African peoples in different environments in the colonial era. Same course as HIST 3093.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Geography

**General Education and other Course Attributes:** Humanities

**GEOG 3123 Urban Geography (S)**

**Description:** This course seeks to explain the evolving pattern of North American cities and their antecedents in terms of the distribution and movement of people and resources as well as the effects of changes in transportation and communication technology. In addition, a careful analysis of the development and internal spatial structure of North American cities will be carried out. Much class time will be spent on discussion of contemporary urban problems such as segregation, unequal investment, and control of urban public space as well as attempts at their solution.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Geography

**General Education and other Course Attributes:** Social & Behavioral Sciences

**GEOG 3133 Political Geography (IS)**

**Description:** Political structures, relationships and geopolitical implications of location, boundaries, culture and the natural environment of nations and states. Global patterns of political behavior, political history, international law and geostrategy.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Geography

**General Education and other Course Attributes:** International Dimension, Social & Behavioral Sciences

**GEOG 3153 Conservation of Natural Resources (S)**

**Description:** A focus on the stewardship and sustainable management of our natural resources. Problems and corrective methods in the conservation of land, water, forests, wildlife, and mineral resources. Key themes include the relationships between human and environmental systems, degraded landscape restoration, environmental policy and compliance, and economic implications of natural resource management.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Geography

**General Education and other Course Attributes:** Social & Behavioral Sciences

**GEOG 3163 Economic Geography (S)**

**Description:** Processes significant to the spatial structure of economic systems. Production, consumption and exchange activities examined in regard to location, distribution, aerial differentiation and spatial interaction patterns. Attention given to processes of change as well as to steady states.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Geography

**General Education and other Course Attributes:** Social & Behavioral Sciences

**GEOG 3173 Cultural Geography (S)**

**Description:** Geographic impact of human cultures. Emphasis on the concepts of social space, density, crowding, territoriality, diffusion, migration, environmental perception and cultural landscape.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Geography

**General Education and other Course Attributes:** Social & Behavioral Sciences

**GEOG 3183 Transportation Geography**

**Description:** Basic concepts and theories of transportation geography, selected transportation models and analysis methods related to spatial interactions, network analysis, allocation, and urban transportation planning.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Geography

**GEOG 3203 Contemporary Issues in Geotechnology**

**Description:** A look at critical issues currently facing the geography and geotech communities. Topics will include data sources, privacy, surveillance, internet censorship, big data, and the spaces and politics of code to discuss the impacts of technology on society.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Geography

**GEOG 3213 Geographies of New Media (H)**

**Description:** An introduction to the geographies of communication and media in the context of recent technological changes. Students will learn how online and offline spaces are created and interact as a result of social media and telecommunications technology. Topics include: geographies of the internet, the digital divide, media culture, video game spaces, and online politics.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Geography

**General Education and other Course Attributes:** Humanities

**GEOG 3243 Legal Geography of Native America, Sovereign Tribal Nations, and Indian Country (DS)**

**Description:** Geographical perspective on the evolution of U.S. federal Indian law and policy through an examination of case and statute law. Examination of tribal sovereignty and jurisdiction over lands in aboriginal title and federal trust, and how land defines indigenous identities and affects tribal-state relations.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Geography

**General Education and other Course Attributes:** Diversity, Social & Behavioral Sciences

**GEOG 3333 Spatial Analysis (A)**

**Prerequisites:** STAT 2013 or STAT 2023 or STAT 2053 or STAT 4013 or STAT 4053.

**Description:** An introductory course in the application of basic statistical methods to spatial problems, including descriptive statistics, probability distributions, point and interval estimation, hypothesis testing, correlation, and simple linear regression. Emphasizes the challenges of working with spatial datasets and choosing appropriate methods of analysis, as well as explicitly spatial methods such as spatial sampling, point and area pattern analysis, and spatial autocorrelation. Provides a foundation for further study in geospatial technologies.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Geography

**General Education and other Course Attributes:** Analytical & Quant Thought

**GEOG 3373 Health and Maps**

**Description:** How does where people live affect their health? How does the infectious disease spread across places? Health geography provides unique and powerful insights for understanding connections between wellness and place. This course will introduce basic concepts and tools of maps, Geographic Information Systems (GIS), and map analysis. It will also demonstrate their application in the context of public health, including infectious disease, environmental health, urban health, health resource accessibility, and more.

**Credit hours:** 3

**Contact hours:** Lecture: 2 Lab: 2 Contact: 4

**Levels:** Undergraduate

**Schedule types:** Lab, Lecture, Combined lecture and lab

**Department/School:** Geography

**GEOG 3703 Geography Of Oklahoma (S)**

**Description:** Introduction to geography's regional approach through an examination of the cultural and environmental patterns of the State of Oklahoma. Systematic examination of physical regions, natural vegetation, wildlife and resource bases. Exploration of diverse Native American communities as well as European ethnic and African American settlement. Focus on evolving agricultural regions and the mineral industries and population dynamics in both rural and urban areas. Emphasis on cultural landscapes and representation of Oklahoma in popular culture.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Geography

**General Education and other Course Attributes:** Social & Behavioral Sciences

**GEOG 3713 Exploring North America and Diversity (DS)**

**Description:** This course presents a regional analysis of the United States and Canada, including physical and cultural landscapes, population and migration trends, regional development, natural resources, and U.S.-Canada relations as well as global relations. In addition, it emphasizes diversity in both countries, with special attention to those geographies of under-represented and minority groups in the U.S. May not be used for degree credit with GLST 3713.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Geography

**General Education and other Course Attributes:** Diversity, Social & Behavioral Sciences

**GEOG 3723 Europe (IS)**

**Description:** This course examines the cultural, economic, and natural diversity of Europe in relation to globalization, climate change, and popular culture. Basic geographic concepts such as migration, region, and culture will be linked to European current events. Students will learn to properly utilize online sources to understand current European issues and their relationship to other countries and regions around the world. May not be used for degree credit with GLST 3723.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Geography

**General Education and other Course Attributes:** International Dimension, Social & Behavioral Sciences

**GEOG 3733 Russia and Its Neighbors (IS)**

**Description:** A regional survey course of Eurasia extending from Central Europe to Western Siberia. Central and Southwest Asia will not be considered in this course. Thematic contemporary issues in the region will be covered, including topics on culture, politics, social issues, economic development, and others. May not be used for degree credit with GLST 3733.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Geography

**General Education and other Course Attributes:** International Dimension, Social & Behavioral Sciences

**GEOG 3743 Latin America (IS)**

**Description:** A regional analysis of physical, cultural and economic features of historic and contemporary Latin America. Key themes include people and environment, development and change, government and conflict, and globalization and social change. Same course as GLST 3743.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Geography

**General Education and other Course Attributes:** International Dimension, Social & Behavioral Sciences

**GEOG 3753 Asia (IS)**

**Description:** A regional survey course of Asia from Pakistan in the west to the Asian littoral in the east, including Japan, Taiwan, and the Philippines. Central and Southwest Asia will not be considered in this course. Regionally, Asia will be approached through examination of two great cultural focal points: India and China. Thematic contemporary issues in Asia will be covered, including topics on culture, politics, social issues, economic development, and others. Same course as GLST 3753.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Geography

**General Education and other Course Attributes:** International Dimension, Social & Behavioral Sciences

**GEOG 3763 Africa (IS)**

**Description:** An exploration of the patterns and impact of population, cultural heritage, and natural resources to build an understanding and experience with Africa. Historic and contemporary relationships between Africa and Western civilization. Key themes include traditions and lifeways, development and change, government and conflict, and people and environment. Same course as GLST 3763.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Geography

**General Education and other Course Attributes:** International Dimension, Social & Behavioral Sciences

**GEOG 3783 The Middle East (IS)**

**Description:** A regional analysis of the Arab, Persian and Turkic lands that builds an understanding and experience with the Middle East. Historic and contemporary patterns highlight both tradition and modernity. Key themes include lifeways and social change, development and globalization, international relations and conflict, and natural resources and environment. Same course as GLST 3783.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Geography

**General Education and other Course Attributes:** International Dimension, Social & Behavioral Sciences

**GEOG 3793 Australia and the Pacific Realm (IS)**

**Description:** Study of Australia, New Zealand, and the island regions of Micronesia, Melanesia, and Polynesia. Course examines the cultural and natural diversity of these regions in relation to globalization, climate change, and popular culture. Course covers enduring cultural traditions, legacies of external involvement, changing livelihoods and landscapes, and the region's role in global affairs. Same course as GLST 3793.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Geography

**General Education and other Course Attributes:** International Dimension, Social & Behavioral Sciences

**GEOG 3910 Applied Geographical Topics**

**Description:** Specialized physical, human, regional, or technical issues and trends in geography. Offered for variable credit, 1-3 credit hours, maximum of 6 credit hours.

**Credit hours:** 1-3

**Contact hours:** Lecture: 1-3 Contact: 1-3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Geography

**GEOG 3990 Geography Teaching Practicum**

**Prerequisites:** Consent of instructor.

**Description:** For outstanding students. Students will work with a faculty instructor and assist in many aspects of teaching including guest lecturing, offering study sessions, office hours, among other duties as determined by instructor. May involve meetings and written papers. Offered for variable credit, 1-6 credit hours, maximum of 6 credit hours.

**Credit hours:** 1-6

**Contact hours:** Contact: 1-6 Other: 1-6

**Levels:** Undergraduate

**Schedule types:** Independent Study

**Department/School:** Geography

**GEOG 4003 Natural Hazards and Society**

**Description:** Explores natural hazards and how humans respond and contribute to these hazards and how humans respond and contribute to these hazards and disasters such as earthquakes, extreme weather events and volcanic eruptions. The course will also examine how hazards impact society, how society deals with disasters, and how we can mitigate the effects of such events.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Geography

**GEOG 4023 Geography of Arid Lands (N)**

**Description:** The course explores the world of deserts and semideserts, which together cover almost a half of the Earth's land surface, and almost a third of North America's. The course focuses on the nature of dryland environments (geology, landform processes, climate, water resources, and ecosystems) and the challenges faced by human communities living in such environments. The course also explores the concepts of drought and the process of desertification around the world. Same course as GEOG 5023.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Geography

**General Education and other Course Attributes:** Natural Sciences

**GEOG 4053 Biogeography**

**Description:** Biogeography is the study of spatial patterns of biological diversity and its causes. Biogeographers synthesize information from a very broad range of fields, including geology, ecology, paleontology, and climatology. This course reviews topics such as the dynamics of biological distributions, speciation, extinction, and dispersals, island biogeography, and applications to species and biodiversity mapping, and the design and management of reserves and other protected natural territories. May not be used for degree credit with GEOG 5053.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Geography

**GEOG 4063 Geoarchaeology and Environmental History**

**Description:** Theoretical and methodological aspects of geoarchaeology, a discipline that aims at recovering field data for reconstructing environment-society relationships of the past. Key themes include climate change and human-induced land transformation as demonstrated through interdisciplinary research in different geomorphic contexts and cultural groups (hunter gatherers, agriculturalists, and urbanites) from around the world. Meets with GEOG 5063. No credit for students with credit in GEOG 5063.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Geography

**GEOG 4073 Climate Change: Past, Present, and Future**

**Description:** Aims at understanding and discussing the mechanisms of global climate change and how they have functioned in our past, in the recent decades and how scientists predict possible changes in the near and distant future. Meets with GEOG 5073. No credit for students with credit in GEOG 5073.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Geography

**GEOG 4083 Geography of Grass-Dominated Ecosystems**

**Description:** This course is an analysis of the nature and distribution of grass-dominated ecosystems (grasslands, savannas, and grassy tundras) around the world with emphasis on 1) co-evolutionary development with climate, herbivore, fire, and humans, 2) the grass-dominated ecosystems around the world, and 3) the challenges faced by these ecosystems in the context of modern global climate change and human development. Meets with GEOG 5083. No credit for students with credit in GEOG 5083.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Geography

**GEOG 4103 Historical Geography of North America since 1800 (H)**

**Description:** Examination of North American development over the 19th Century, with emphasis on the transformation of environments, landscapes and culture regions. Investigation of settlement frontiers, indigenous dispossession, transport integration, resource exploitation, economic specialization, sectional divergence, industrialization, immigration, and urbanization. Same course as HIST 4103.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Geography

**General Education and other Course Attributes:** Humanities

**GEOG 4113 Environment and Development**

**Description:** Focuses on the relationship between people and poverty, environment, and development under different international contexts. The course covers competing theories of environment-development drawing from neoclassical economics and modernization agendas, to criticisms from postcolonial theory and beyond. Special emphasis is placed on diverse voices from the Global South, sustainable development, gender, race and nature, and new social movements. May not be used for degree credit with GEOG 5133.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Geography

**GEOG 4123 Geographical Aspects of Urban Planning**

**Description:** Spatial aspects of urban planning: development of planning theory, various planning tools, and specific problem areas such as urban renewal and urban transportation. May not be used for degree credit with GEOG 5213.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Geography

**GEOG 4143 Geography of Travel and Tourism**

**Description:** A systematic and comprehensive analysis of the geographical dimensions of tourism, illustrating the relevance of a spatial perspective to tourism planning, development, and management. Economic, social, and environmental impact of both domestic and international tourism considered. May not be used for degree credit with GEOG 5143.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Geography

**GEOG 4153 Geography of Outdoor Recreation**

**Description:** Analysis of patterns of outdoor recreation with an emphasis on land-use planning in park and wildland areas. Demand forecasting methods, the analysis of the socioeconomic and spatial impacts of recreation facilities provision and visitor management practices. May not be used for degree credit with GEOG 5153.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Geography

**GEOG 4163 Resource Management in the National Parks**

**Description:** Contemporary resource management issues in U.S. National Park units. The role of human and natural processes in the management of water, air, biotic and cultural resources. No credit for students with credit in GEOG 5163.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Geography

**GEOG 4203 Fundamentals of Geographic Information Systems**

**Description:** Geographic Information Systems (GIS) are pivotal in the analysis and management of geographic data. They are used to link environmental, social, and economic data to locations on earth and explore the relationships, trends, and patterns that emerge. This course introduces the concepts, principles, and theories behind GIS, with emphasis on the nature of geographic information, methods for data collection, data models for storing geographic information, techniques for data input and manipulation, and basic spatial analysis. Previously offered as GEOG 2343. May not be used for degree credit with GEOG 5103.

**Credit hours:** 3

**Contact hours:** Lecture: 2 Lab: 2 Contact: 4

**Levels:** Undergraduate

**Schedule types:** Lab, Lecture, Combined lecture and lab

**Department/School:** Geography

**GEOG 4213 Sport, Place and Society (S)**

**Description:** Spatial analysis of sport; its origin and diffusion, geographical organization and regional variation. Geographical movements and interaction associated with sport. Application of geographical solutions for reorganization and reform. Focus on both U.S. and international scene.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Geography

**General Education and other Course Attributes:** Social & Behavioral Sciences

**GEOG 4223 Geography of Music (H)**

**Description:** Geographical and historical analysis of music as a cultural trait. The cultural significance of music and how it varies from place to place as well as how it helps shape the character of a place.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Geography

**General Education and other Course Attributes:** Humanities



**GEOG 4233 Human Dimensions of Global Environmental Change**

**Description:** Discusses the current global environmental science research agendas called for by the international community, explores the arguments set forth regarding global environmental change, and looks at the current explanations and theories explaining the human dimensions of land-use/cover-change (LUCC). Special emphasis is on alternative, competing visions, and needs of developing countries within the context of economic development and global environmental change. Meets with GEOG 5233. No credit for students with credit in GEOG 5233.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Geography

**GEOG 4263 Geospatial Applications for Unmanned Aerial Systems**

**Prerequisites:** Consent of instructor.

**Description:** Provides theoretical foundation for use of unmanned aerial systems (UAS) to collect geospatial data for analysis. Examines principles of remote sensing, photogrammetry, and GIS relevant to UAS. Enabling technologies (sensors, GPS), data collection procedures, data processing (structure from motion algorithms), data products (point clouds, orthophotos), and appropriate analysis techniques are investigated. Geospatial application areas include terrain modeling, resource management, agriculture, forestry/vegetation, natural disasters, and geomorphology. May not be used for degree credit with GEOG 5263.

**Credit hours:** 3

**Contact hours:** Lecture: 2 Lab: 2 Contact: 4

**Levels:** Undergraduate

**Schedule types:** Lab, Lecture, Combined lecture and lab

**Department/School:** Geography

**GEOG 4273 Land Use Science**

**Description:** Basic understanding of human land use history and changes. Evaluation of land use impacts on environment, climate, and public health. Introduction to land use monitoring and modeling using geospatial technologies. Meet with GEOG 5273. No credit for students with credit in GEOG 5273.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Geography

**GEOG 4303 Applications of the Global Positioning System in Field Research**

**Description:** Theory and applications of the Global Positioning System (GPS), focusing on accuracy issues in field data collection and integration with geographic information systems (GIS). Use of both recreation and mapping grade receivers. May not be used for degree credit with GEOG 5503.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Geography

**GEOG 4313 Field Techniques and Geodata Collection**

**Prerequisites:** Senior standing in GEOG or consent of instructor.

**Description:** Application of the concepts, methods, and field techniques for geographical analysis and research, including data acquisition, manipulation, analysis, and the presentation of results. Capstone course. Field trips.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Geography

**GEOG 4323 Mapping in Modern Society**

**Description:** Thematic mapping and geovisualization of socioeconomic, cultural, and natural resource information. Discussion and application of various map design and layout techniques. Topics include the history of maps their types and usages, the various elements of a map layout, and how maps enable us to communicate spatial information in our modern world.

**Credit hours:** 3

**Contact hours:** Lecture: 2 Lab: 2 Contact: 4

**Levels:** Undergraduate

**Schedule types:** Lab, Lecture, Combined lecture and lab

**Department/School:** Geography

**GEOG 4333 Remote Sensing**

**Description:** Introductory course in remote sensing focusing on digital image processing. Topics include data collection via satellites and unmanned aerial systems (a.k.a. drones), principles of electromagnetic radiation, multispectral, thermal, and light detection and ranging (LIDAR), and field data collection. Discussions focus on environmental applications including: agriculture, natural resource management, climate, geography, and wildlife management. Hands-on exposure to current image processing software. Meets with GEOG 5333. May not be used for degree credit with GEOG 5333.

**Credit hours:** 3

**Contact hours:** Lecture: 2 Lab: 2 Contact: 4

**Levels:** Undergraduate

**Schedule types:** Lab, Lecture, Combined lecture and lab

**Department/School:** Geography

**GEOG 4343 Geographic Information Systems: Resource Management Applications**

**Prerequisites:** GEOG 4203.

**Description:** Provides a theoretical and practical understanding of geographic information systems and its applications in natural resource management. Introduces industry popular GIS software for spatial and aspatial data analysis. Explores specific conditions, requirements, and processing considerations that allow geospatial data to be manipulated for problem solving. Meets with GEOG 5323. No degree credit for students with credit in GEOG 5323.

**Credit hours:** 3

**Contact hours:** Lecture: 2 Lab: 2 Contact: 4

**Levels:** Undergraduate

**Schedule types:** Lab, Lecture, Combined lecture and lab

**Department/School:** Geography



**GEOG 4353 Geographic Information Systems: Socioeconomic Applications****Prerequisites:** GEOG 4203.**Description:** Theory and principles of geographic information systems (GIS) applied to socioeconomic problems, including location-allocation, market area determination, network analysis and analysis of demographic characteristics. May not be used for degree credit with GEOG 5253.**Credit hours:** 3**Contact hours:** Lecture: 2 Lab: 2 Contact: 4**Levels:** Undergraduate**Schedule types:** Lab, Lecture, Combined lecture and lab**Department/School:** Geography**GEOG 4373 Geographic Information Systems in Public Health****Prerequisites:** GEOG 4203.**Description:** Qualitative and quantitative analysis of public health issues from two geographic perspectives: human environment and spatial. Topics include medical geography, disease mapping, spatial data for public health, and basics and applications of spatial statistics, geographic information system and remote sensing. Lectures are combined with case studies and lab illustrations throughout the course.**Credit hours:** 3**Contact hours:** Lecture: 3 Contact: 3**Levels:** Undergraduate**Schedule types:** Lecture**Department/School:** Geography**GEOG 4383 Introduction to GIS Programming****Prerequisites:** GEOG 4203.**Description:** Designed to provide students with an introduction to basic programming concepts and how such concepts specifically apply to GIS and other geographically oriented applications. The course will cover some basic concepts, discuss Python and Model Builder for ArcGIS, KML/KMZ for Google Earth/Maps, and introduce some basic concepts of mobile mapping development in Android. May not be used for degree credit with GEOG 5383.**Credit hours:** 3**Contact hours:** Lecture: 3 Contact: 3**Levels:** Undergraduate**Schedule types:** Lecture**Department/School:** Geography**GEOG 4443 Sustainable Tourism and Geography****Prerequisites:** Junior or senior standing or consent of instructor.**Description:** This course examines sustainable tourism from a cultural and environmental perspective. It discusses concepts and theories of sustainability and tourism, including human rights, environmental justice, and ethics, emphasizing the global environmental and social effects and possibilities of tourism. The course addresses management concepts, sectoral approaches, transport and mobility themes, and emerging issues in the context of sustainability. May not be used for degree credit with GEOG 5443. Same course as GLST 4443 and HRAD 4183.**Credit hours:** 3**Contact hours:** Lecture: 3 Contact: 3**Levels:** Undergraduate**Schedule types:** Lecture**Department/School:** Geography**GEOG 4453 Black Geographies & Memorialization in the Landscape (DH)****Prerequisites:** Junior or senior standing or consent of instructor.**Description:** How and why have African American people sought to memorialize their history in public places? How have Black counterpublics shaped discourse on memorials to African American history? What has this discourse done to the field of landscape and memory studies? To explore these questions, this course is organized around memory in the landscape as it relates to black geographies, including, for example, slavery, the Civil War, civil rights, and the Tulsa Race Massacre in the United States. Approaches may be comparative or transnational. Same course as AMST 4453 and AFAM 4453. May not be used for degree credit with GEOG 5453.**Credit hours:** 3**Contact hours:** Lecture: 3 Contact: 3**Levels:** Undergraduate**Schedule types:** Lecture**Department/School:** Geography**General Education and other Course Attributes:** Diversity, Humanities**GEOG 4510 Senior Project****Prerequisites:** Senior standing and consent of instructor.**Description:** Individually designed projects involving laboratory work, field work, library research or a combination of these. Offered for variable credit, 1-3 credit hours, maximum of 3 credit hours.**Credit hours:** 1-3**Contact hours:** Contact: 1-3 Other: 1-3**Levels:** Undergraduate**Schedule types:** Independent Study**Department/School:** Geography**GEOG 4600 Geography Study Abroad (I)****Description:** Participation in an international experience sponsored by the Department of Geography. Study Abroad courses typically involve the study of a country or region to provide an integrated understanding, through research and personal experience, of relevant cultural, historical, political, economic and environmental issues. Offered for variable credit, 1-3 credit hours, maximum of 12 credit hours.**Credit hours:** 1-3**Contact hours:** Lecture: 1-3 Contact: 1-3**Levels:** Undergraduate**Schedule types:** Lecture**Department/School:** Geography**General Education and other Course Attributes:** International Dimension**GEOG 4663 Web GIS: Trends, Principles, and Applications****Prerequisites:** GEOG 4203.**Description:** Web GIS has immense applicability to business, health, economics, transportation, and more. This course is designed to increase students' knowledge of Web GIS and cutting-edge GIS skills. It introduces basic Web GIS concepts, principles, techniques, including web mapping applications. In addition, this course offers essential web programming skills to build customized online maps. May not be used for degree credit with GEOG 5663.**Credit hours:** 3**Contact hours:** Lecture: 2 Lab: 2 Contact: 4**Levels:** Undergraduate**Schedule types:** Lab, Lecture, Combined lecture and lab**Department/School:** Geography

**GEOG 4910 Topics In Geography****Prerequisites:** Consent of instructor.**Description:** Specialized physical, social and methodological topics in geography. Offered for variable credit, 1-3 credit hours, maximum of 6 credit hours.**Credit hours:** 1-3**Contact hours:** Contact: 1-3 Other: 1-3**Levels:** Undergraduate**Schedule types:** Independent Study**Department/School:** Geography**GEOG 4930 Readings in Geography****Prerequisites:** Consent of instructor.**Description:** Directed readings on selected topics, regions or methods in geography. Offered for variable credit, 1-3 credit hours, maximum of 3 credit hours.**Credit hours:** 1-3**Contact hours:** Contact: 1-3 Other: 1-3**Levels:** Undergraduate**Schedule types:** Independent Study**Department/School:** Geography**GEOG 4940 Undergraduate Cooperative Education Internship****Prerequisites:** Consent of departmental internship coordinator and undergraduate committee.**Description:** Practical experience in applying geographical concepts and tools to business or governmental problems. Emphasis on educational aspects of applying discipline-related tools to real-world problems. Credit not available for regular employment positions; must have fixed start/end dates. Offered for variable credit, 1-3 credit hours, maximum of 3 credit hours.**Credit hours:** 1-3**Contact hours:** Contact: 1-3 Other: 1-3**Levels:** Undergraduate**Schedule types:** Independent Study**Department/School:** Geography**GEOG 4943 Geospatial Information Science Internship/Research Capstone****Description:** Provides an opportunity to apply knowledge accumulated throughout previous geospatial coursework with a structured off-campus internship or on-campus research capstone. Practical, applied geospatial experience is gained by working with an internship supervisor at a public or private entity in consultation with an affiliated geography faculty member. Alternatively, research-oriented experience is gained through direct collaboration with an affiliated geography faculty member. For both options, student duties may include field-based data collection, data processing, computer programming, spatial analysis/modeling, map and graphics production, oral presentation, and/or writing.**Credit hours:** 3**Contact hours:** Contact: 3 Other: 3**Levels:** Undergraduate**Schedule types:** Independent Study**Department/School:** Geography**GEOG 4993 Senior Honors Thesis****Prerequisites:** Departmental invitation, senior standing, Honors Program participation.**Description:** A guided reading and research program ending with an honors thesis under the direction of a senior faculty member, with second faculty reader, both of whom will be present at an oral defense of the thesis. Required for graduation with honors in geography.**Credit hours:** 3**Contact hours:** Contact: 3 Other: 3**Levels:** Undergraduate**Schedule types:** Independent Study**Department/School:** Geography**General Education and other Course Attributes:** Honors Credit**GEOG 5000 Thesis****Prerequisites:** Consent of adviser or major professor.**Description:** Open only to students working on the master's degree in geography. Offered for variable credit, 1-6 credit hours, maximum of 6 credit hours.**Credit hours:** 1-6**Contact hours:** Contact: 1-6 Other: 1-6**Levels:** Graduate**Schedule types:** Independent Study**Department/School:** Geography**GEOG 5001 Professional Development in Geography****Description:** Introduction and orientation to the graduate program in the Department of Geography.**Credit hours:** 1**Contact hours:** Lecture: 1 Contact: 1**Levels:** Graduate**Schedule types:** Lecture**Department/School:** Geography**GEOG 5023 Geography of Arid Lands****Description:** The course explores the world of deserts and semi-deserts, which together cover almost a half of the Earth's land surface, and almost a third of North America's. The course focuses on the nature of dryland environments (geology, landform processes, climate, water resources, and ecosystems) and the challenges faced by human communities living in such environments. The course also explores the concepts of drought and the process of desertification around the world. Same course as GEOG 4023.**Credit hours:** 3**Contact hours:** Lecture: 3 Contact: 3**Levels:** Graduate**Schedule types:** Lecture**Department/School:** Geography**GEOG 5053 Biogeography****Description:** Biogeography is the study of spatial patterns of biological diversity and its causes. Biogeographers synthesize information from a very broad range of fields, including geology, ecology, paleontology, and climatology. This course reviews topics such as the dynamics of biological distributions, speciation, extinction, and dispersals, island biogeography, and applications to species and biodiversity mapping, and the design and management of reserves and other protected natural territories. May not be used for degree credit with GEOG 4053.**Credit hours:** 3**Contact hours:** Lecture: 3 Contact: 3**Levels:** Graduate**Schedule types:** Lecture**Department/School:** Geography

**GEOG 5063 Geoarchaeology and Environmental History**

**Description:** Theoretical and methodological aspects of geoarchaeology, a discipline that aims at recovering field data for reconstructing environment-society relationships of the past. Key themes include climate change and human-induced land transformation as demonstrated through interdisciplinary research in different geomorphic contexts and cultural groups (hunter gatherers, agriculturalists, and urbanites) from around the world. Meets with GEOG 4063. No credit for students with credit in GEOG 4063.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Graduate

**Schedule types:** Lecture

**Department/School:** Geography

**GEOG 5073 Climate Change: Past, Present and Future**

**Description:** Aims at understanding and discussing the mechanisms of global climate change and how they have functioned in our past, in the recent decades and how scientists predict possible changes in the near and distant future. Meets with GEOG 4073. No credit for students with credit in GEOG 4073.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Graduate

**Schedule types:** Lecture

**Department/School:** Geography

**GEOG 5083 Geography of Grass-Dominated Ecosystems**

**Description:** This course is an analysis of the nature and distribution of grass-dominated ecosystems (grasslands, savannas, and grassy tundras) around the world with emphasis on 1) co-evolutionary development with climate, herbivore, fire, and humans, 2) the grass-dominated ecosystems around the world, and 3) the challenges faced by these ecosystems in the context of modern global climate change and human development. Meets with GEOG 4083. No credit for students with credit in GEOG 4083.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Graduate

**Schedule types:** Lecture

**Department/School:** Geography

**GEOG 5103 Fundamentals of Geographic Information Systems**

**Description:** Geographic Information Systems (GIS) are pivotal in the analysis and management of geographic data. They are used to link environmental, social, and economic data to locations on earth and explore the relationships, trends, and patterns that emerge. This course introduces the concepts, principles, and theories behind GIS, with emphasis on the nature of geographic information, methods for data collection, data models for storing geographic information, techniques for data input and manipulation, and basic spatial analysis. May not be used for degree credit with GEOG 4203.

**Credit hours:** 3

**Contact hours:** Lecture: 2 Lab: 2 Contact: 4

**Levels:** Graduate

**Schedule types:** Lab, Lecture, Combined lecture and lab

**Department/School:** Geography

**GEOG 5113 Landscape Ecology**

**Prerequisites:** Graduate standing and BIOL 3034 or consent of instructor.

**Description:** Principles of landscape ecology, including structure and function of landscape elements such as patch, corridor, boundary, and matrix. Role of geographic processes, climate, biota, disturbance, and human influences in landscape structure and function. Interaction among landscape elements and role of landscape structure in ecosystem and landscape dynamics. Applications of landscape ecology to biodiversity conservation, wildlife management, and landscape planning. Survey of quantitative methods used in landscape ecology.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Graduate

**Schedule types:** Lecture

**Department/School:** Geography

**GEOG 5123 International Resource Management**

**Prerequisites:** Graduate standing.

**Description:** Spatial perspectives on the assessment and management of natural resources. The role of resources in world trade, security and international environmental concerns.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Graduate

**Schedule types:** Lecture

**Department/School:** Geography

**GEOG 5133 Environment and Development**

**Description:** Focuses on the relationship between people and poverty, environment, and development under different international contexts. The course covers competing theories of environment-development drawing from neoclassical economics and modernization agendas, to criticisms from postcolonial theory and beyond. Special emphasis is placed on diverse voices from the Global South, sustainable development, gender, race and nature, and new social movements. May not be used for degree credit with GEOG 4113.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Graduate

**Schedule types:** Lecture

**Department/School:** Geography

**GEOG 5140 Seminar in Cultural Geography**

**Prerequisites:** Graduate standing in geography or consent of the instructor.

**Description:** A study of the methodological and theoretical development of cultural geography, one of geography's major subdisciplines. Course is structured around the social and political implications of ways of seeing, and what these have meant for encountering and understanding cultural difference. Emphasis on reading the cultural landscape and interrogating how the landscape reinforces certain ideologies, values, and aesthetics. Critical analysis of geographical representations found in place images, popular culture, and art in relation to social power, race, gender, and identity. Offered for variable credit, 1-3 credit hours, maximum of 9 credit hours.

**Credit hours:** 1-3

**Contact hours:** Contact: 1-3 Other: 1-3

**Levels:** Graduate

**Schedule types:** Independent Study

**Department/School:** Geography

**GEOG 5143 Geography of Travel and Tourism**

**Description:** A systematic and comprehensive analysis of the geographical dimensions of tourism, illustrating the relevance of a spatial perspective to tourism planning, development, and management. Economic, social, and environmental impact of both domestic and international tourism considered. May not be used for degree credit with GEOG 4143.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Graduate

**Schedule types:** Lecture

**Department/School:** Geography

**GEOG 5150 Geography of Sport, Recreation and Leisure Seminar**

**Description:** This seminar is comprised of an advanced analysis of one or more topics in Sport Geography. The topics can include both cultural and economic issues in the spatial distribution of sport, or any other spatial aspect of the play, diffusion, or impact of sport. The seminar will also focus on student research activities on specific topics to sport geography. Offered for variable credit, 1-3 credit hours, maximum of 3 credit hours.

**Credit hours:** 1-3

**Contact hours:** Lecture: 1-3 Contact: 1-3

**Levels:** Graduate

**Schedule types:** Lecture

**Department/School:** Geography

**GEOG 5153 Geography of Outdoor Recreation**

**Description:** Analysis of patterns of outdoor recreation with an emphasis on land-use planning in park and wildland areas. Demand forecasting methods, the analysis of the socioeconomic and spatial impacts of recreation facilities provision and visitor management practices. May not be used for degree credit with GEOG 4153.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Graduate

**Schedule types:** Lecture

**Department/School:** Geography

**GEOG 5163 Resource Management in the National Parks**

**Description:** Contemporary resource management issues in U.S. National Park units. Focus on the role of human and natural processes in the management of water, air, biotic and cultural resources. No credit for students with credit in GEOG 4163.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Graduate

**Schedule types:** Lecture

**Department/School:** Geography

**GEOG 5183 Topics in Transportation Geography**

**Description:** Examination of a selected set of advanced topics in transportation geography, including network analysis, facility location problems, intelligent transportation systems and geographic information systems and logistics.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Graduate

**Schedule types:** Lecture

**Department/School:** Geography

**GEOG 5213 Geographical Aspects of Urban Planning**

**Description:** Spatial aspects of urban planning: development of planning theory, various planning tools, and specific problem areas such as urban renewal and urban transportation. May not be used for degree credit with GEOG 4123.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Graduate

**Schedule types:** Lecture

**Department/School:** Geography

**GEOG 5233 Human Dimensions of Global Environmental Change**

**Description:** Discusses the current global environmental science research agendas called for by the international community, explores the arguments set forth regarding global environmental change, and looks at the current explanations and theories explaining the human dimensions of land-use/cover-change (LUCC). Special emphasis is on alternative, competing visions, and needs of developing countries within the context of economic development and global environmental change. Meets with GEOG 4233. No credit for students with credit in GEOG 4233.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Graduate

**Schedule types:** Lecture

**Department/School:** Geography

**GEOG 5243 Geography of the World's Indigenous Peoples**

**Prerequisites:** Graduate standing and consent of instructor.

**Description:** A regional survey of indigenous assertions of cultural, political and economic self-determination outside the United States. Native land claims, impact of regional development and environmental issues upon indigenous communities, and their efforts to establish geopolitical autonomy.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Graduate

**Schedule types:** Lecture

**Department/School:** Geography

**GEOG 5253 Geographic Information Systems: Socioeconomic Applications**

**Prerequisites:** GEOG 4203.

**Description:** Theory and principles of geographic information systems (GIS) applied to socioeconomic problems, including location-allocation, market area determination, network analysis and analysis of demographic characteristics. May not be used for degree credit with GEOG 4353.

**Credit hours:** 3

**Contact hours:** Lecture: 2 Lab: 2 Contact: 4

**Levels:** Graduate

**Schedule types:** Lab, Lecture, Combined lecture and lab

**Department/School:** Geography

**GEOG 5263 Geospatial Applications for Unmanned Aerial Systems****Prerequisites:** Consent of instructor.**Description:** Provides theoretical foundation for use of unmanned aerial systems (UAS) to collect geospatial data for analysis. Examines principles of remote sensing, photogrammetry, and GIS relevant to UAS. Enabling technologies (sensors, GPS), data collection procedures, data processing (Structure from Motion algorithms), data products (point clouds, orthophotos), and appropriate analysis techniques are investigated. Geospatial application areas include terrain modeling, resource management, agriculture, forestry/vegetation, natural disasters, and geomorphology. May not be used for degree credit with GEOG 4263.**Credit hours:** 3**Contact hours:** Lecture: 2 Lab: 2 Contact: 4**Levels:** Graduate**Schedule types:** Lab, Lecture, Combined lecture and lab**Department/School:** Geography**GEOG 5273 Land Use Science****Description:** Basic understanding of human land use history and changes. Evaluation of land use impacts on environment, climate, and public health. Introduction to land use monitoring and modeling using geospatial technologies. Meets with GEOG 4273. No credit for students with credit in GEOG 4273.**Credit hours:** 3**Contact hours:** Lecture: 3 Contact: 3**Levels:** Graduate**Schedule types:** Lecture**Department/School:** Geography**GEOG 5303 Geographic Analysis I****Prerequisites:** One course in statistics.**Description:** An intermediate course in the application of statistical methods to spatial problems. Focuses on multivariate methods (e.g. multiple regression, factor and cluster analysis) and their use in geographic settings and with spatial datasets. Includes introductory spatial regression, methods for detecting spatial clusters (spatial autocorrelation), and the importance of exploratory spatial data analysis (ESDA) in geographic research. Course previously offered as GEOG 5313.**Credit hours:** 3**Contact hours:** Lecture: 3 Contact: 3**Levels:** Graduate**Schedule types:** Lecture**Department/School:** Geography**GEOG 5323 Geographic Information Systems: Resource Management Applications****Prerequisites:** GEOG 4203 or instructor permission.**Description:** Provides a theoretical and practical understanding of geographic information systems and its applications in natural resource management. Introduces industry popular GIS software for spatial and aspatial data analysis. Explores specific conditions, requirements, and processing considerations that allow geospatial data to be manipulated for problem solving. Meets with GEOG 4343. No degree credit for students with credit in GEOG 4343.**Credit hours:** 3**Contact hours:** Lecture: 2 Lab: 2 Contact: 4**Levels:** Graduate**Schedule types:** Lab, Lecture, Combined lecture and lab**Department/School:** Geography**GEOG 5333 Remote Sensing****Description:** Introductory course in remote sensing focusing on digital image processing. Topics include data collection via satellites and unmanned aerial systems (a.k.a. drones), principles of electromagnetic radiation, multispectral, thermal, and light detection and ranging (LIDAR), and field data collection. Discussions focus on environmental applications including: agriculture, natural resource management, climate, geography, and wildlife management. Hands-on exposure to current image processing software. Meets with GEOG 4333. May not be used for degree credit with GEOG 4333.**Credit hours:** 3**Contact hours:** Lecture: 2 Lab: 2 Contact: 4**Levels:** Graduate**Schedule types:** Lab, Lecture, Combined lecture and lab**Department/School:** Geography**GEOG 5343 Advanced Geographic Information Systems: Resource Management Applications****Prerequisites:** GEOG 4343 or GEOG 5323.**Description:** Advanced theory and applications of geographic information systems (GIS) applied to resource management problems using both raster and vector data structures. Individual projects, presentations and group discussion sessions.**Credit hours:** 3**Contact hours:** Lecture: 3 Contact: 3**Levels:** Graduate**Schedule types:** Lecture**Department/School:** Geography**GEOG 5353 Advanced Geographic Information Systems: Socioeconomic Applications****Prerequisites:** GEOG 4353 or GEOG 5253.**Description:** Advanced theory and applications of geographic information systems (GIS) applied to socioeconomic problems including location allocation, market area determination, network analysis, and analysis of demographic characteristics. Individual projects, presentations and group discussion sessions.**Credit hours:** 3**Contact hours:** Lecture: 3 Contact: 3**Levels:** Graduate**Schedule types:** Lecture**Department/School:** Geography**GEOG 5363 Enterprise Geographic Information Systems****Prerequisites:** GEOG 4353 or equivalent.**Description:** Basic setup and creation of online geodatabases and Internet mapping services as would be used in a large scale GIS operation or enterprise. Geodatabase design and Internet mapservice Web site development.**Credit hours:** 3**Contact hours:** Lecture: 3 Contact: 3**Levels:** Graduate**Schedule types:** Lecture**Department/School:** Geography



**GEOG 5373 Geographic Information Systems in Public Health****Prerequisites:** GEOG 4203 or instructor permission.**Description:** This course introduces the applications of GIS and spatial analysis in exploring and analyzing geospatial health datasets. The course focuses on preparing, organizing, and mapping health datasets, detecting disease clusters, measuring and optimizing health services, and applying spatial statistical models to various public health applications, such as infectious disease, environmental health, health service access, and health disparities. Students will learn how to acquire spatial data, visualize geographic trends, and formulate hypotheses for health applications. May not be used for degree credit with GEOG 4373.**Credit hours:** 3**Contact hours:** Lecture: 2 Lab: 2 Contact: 4**Levels:** Graduate**Schedule types:** Lab, Lecture, Combined lecture and lab**Department/School:** Geography**GEOG 5383 Introduction to GIS Programming****Prerequisites:** GEOG 4203 or GEOG 5103.**Description:** Designed to provide students with an introduction to basic programming concepts and how such concepts specifically apply to GIS and other geographically oriented applications. The course will cover some basic concepts, discuss Python and Model Builder for ArcGIS, KML/KMZ for Google Earth/Maps, and introduce some basic concepts of mobile mapping development in Android. May not be used for degree credit with GEOG 4383.**Credit hours:** 3**Contact hours:** Lecture: 3 Contact: 3**Levels:** Graduate**Schedule types:** Lecture**Department/School:** Geography**GEOG 5393 Remote Sensing of Water Resources****Prerequisites:** GEOG 2323 or GEOG 4333.**Description:** Advanced theories and techniques of remote sensing applied to various issues in water resources management. Sensor characteristics, theoretical algorithms, digital image processing, and field methods to extract information of multiple aspects valuable for both hydrological modeling and decision-making. Advantages and limitations of remote sensing compared to traditional methods will be explored.**Credit hours:** 3**Contact hours:** Lecture: 3 Contact: 3**Levels:** Graduate**Schedule types:** Lecture**Department/School:** Geography**GEOG 5403 Current Geographic Research****Prerequisites:** Graduate standing in geography or consent of instructor.**Description:** Representative survey of current research across the discipline of modern Geography so as to broaden perspectives and appreciation of Geography's breadth and impact. Emphasis on the discipline's major affinity groups, their notable institutions and individuals, and their impact toward the greater good. Exercises familiarize students with the process of developing a thesis or dissertation proposal, from determining an area of emphasis, identifying a research problem, conducting a literature review, and developing and defending a thesis or dissertation proposal.**Credit hours:** 3**Contact hours:** Lecture: 3 Contact: 3**Levels:** Graduate**Schedule types:** Lecture**Department/School:** Geography**GEOG 5413 History and Philosophy of Geography****Prerequisites:** Graduate standing in geography or consent of the instructor.**Description:** Study of the making of geography as an academic discipline, and the evolution of geographic thought and practice. A critical inquiry into the production of geographic knowledge as it has changed over time and in relation to developments in science and society. Discussions examine significant theoretical and methodological "turns" and explore the influences of key individuals, institutions, and major debates.**Credit hours:** 3**Contact hours:** Lecture: 3 Contact: 3**Levels:** Graduate**Schedule types:** Lecture**Department/School:** Geography**GEOG 5423 Geographic Renderings in Qualitative Methods****Prerequisites:** SCFD 5913 or SCFD 6123 or SOC 5273 or consent of instructor.**Description:** Seminar engages with geographic facets in qualitative research and provides students with experience in collecting and working with qualitative data. Students explore avenues of qualitative inquiry in cross-cultural, community participation, and storytelling/testimonial/oral history/life history, and ethnographic research with special consideration to space, place, scale, context, body, and senses. Course addresses issues involved with analysis, interpretation, and "writing-up" research.**Credit hours:** 3**Contact hours:** Lecture: 3 Contact: 3**Levels:** Graduate**Schedule types:** Lecture**Department/School:** Geography**GEOG 5443 Sustainable Tourism and Geography****Prerequisites:** Junior or senior standing or consent of instructor.**Description:** This course examines sustainable tourism from a cultural and environmental perspective. It discusses concepts and theories of sustainability and tourism, including human rights, environmental justice, and ethics, emphasizing the global environmental and social effects and possibilities of tourism. The course addresses management concepts, sectoral approaches, transport and mobility themes, and emerging issues in the context of sustainability. May not be used for degree credit with GEOG 4443.**Credit hours:** 3**Contact hours:** Lecture: 3 Contact: 3**Levels:** Graduate**Schedule types:** Lecture**Department/School:** Geography**GEOG 5450 Seminar in Geography****Prerequisites:** Graduate standing in geography or consent of instructor.**Description:** Specialized topics in Geography. Offered for variable credit, 1-6 credit hours, maximum of 6 credit hours.**Credit hours:** 1-6**Contact hours:** Contact: 1-6 Other: 1-6**Levels:** Graduate**Schedule types:** Independent Study**Department/School:** Geography



**GEOG 5453 Black Geographies & Memorialization in the Landscape**

**Description:** How and why have African American people sought to memorialize their history in public places? How have Black counterpublics shaped discourse on memorials to African American history? What has this discourse done to the field of landscape and memory studies? To explore these questions, this course is organized around memory in the landscape as it relates to black geographies, including, for example, slavery, the Civil War, civil rights, and the Tulsa Race Massacre in the United States. Approaches may be comparative or transnational. May not be used for degree credit with AFAM 4453, AMST 4453, or GEOG 4453.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Graduate

**Schedule types:** Lecture

**Department/School:** Geography

**GEOG 5503 Applications of the Global Positioning System in Field Research**

**Description:** Theory and applications of the Global Positioning System (GPS), focusing on accuracy issues in field data collection and integration with geographic information systems (GIS). Use of both recreation and mapping grade receivers. May not be used for degree credit with GEOG 4303.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Graduate

**Schedule types:** Lecture

**Department/School:** Geography

**GEOG 5510 Research Problems in Geography**

**Prerequisites:** Consent of instructor.

**Description:** Offered for variable credit, 1-3 credit hours, maximum of 6 credit hours.

**Credit hours:** 1-3

**Contact hours:** Contact: 1-3 Other: 1-3

**Levels:** Graduate

**Schedule types:** Independent Study

**Department/School:** Geography

**GEOG 5663 Web GIS: Trends, Principles, and Applications**

**Prerequisites:** GEOG 4203 or instructor permission.

**Description:** Web GIS has immense applicability to business, health, economics, transportation, and more. This course is designed to increase students' knowledge of Web GIS and cutting-edge GIS skills. It introduces basic Web GIS concepts, principles, techniques, including web mapping applications. In addition, this course offers essential web programming skills to build customized online maps. May not be used for degree credit with GEOG 4663.

**Credit hours:** 3

**Contact hours:** Lecture: 2 Lab: 2 Contact: 4

**Levels:** Graduate

**Schedule types:** Lab, Lecture, Combined lecture and lab

**Department/School:** Geography

**GEOG 5700 Geography Study Abroad**

**Description:** Participation in an international experience sponsored by the Department of Geography. Study Abroad courses typically involve the study of a country or region to provide an integrated understanding, through research and personal experience, of relevant cultural, historical, political, economic, and environmental issues. Offered for variable credit, 1-3 credit hours, maximum of 6 credit hours.

**Credit hours:** 1-3

**Contact hours:** Lecture: 1-3 Contact: 1-3

**Levels:** Graduate

**Schedule types:** Lecture

**Department/School:** Geography

**GEOG 5930 Readings in Geography**

**Prerequisites:** Consent of instructor.

**Description:** Directed readings on selected topics, regions or methods in geography. Offered for variable credit, 1-3 credit hours, maximum of 6 credit hours.

**Credit hours:** 1-3

**Contact hours:** Contact: 1-3 Other: 1-3

**Levels:** Graduate

**Schedule types:** Independent Study

**Department/School:** Geography

**GEOG 5940 Graduate Cooperative Education Internship**

**Prerequisites:** Consent of departmental internship coordinator and graduate committee.

**Description:** Practical experience in applying geographical concepts and tools to business or governmental problems. Emphasis on educational aspects of applying discipline-related tools to real-world problems. Credit not available for regular employment positions; must have fixed start/end dates. Offered for variable credit, 1-3 credit hours, maximum of 3 credit hours.

**Credit hours:** 1-3

**Contact hours:** Contact: 1-3 Other: 1-3

**Levels:** Graduate

**Schedule types:** Independent Study

**Department/School:** Geography

**GEOG 6000 Doctoral Dissertation Research**

**Prerequisites:** Admission to candidacy and consent of major professor.

**Description:** Offered for variable credit, 1-12 credit hours, maximum of 30 credit hours.

**Credit hours:** 1-12

**Contact hours:** Contact: 1-12 Other: 1-12

**Levels:** Graduate

**Schedule types:** Independent Study

**Department/School:** Geography

**GEOG 6013 Seminar in Quaternary Paleoecology**

**Prerequisites:** Graduate standing in geography or consent of instructor.

**Description:** Analysis and discussion of various aspects of research on the Quaternary period, emphasizing the roles played by climate, geomorphic processes, vegetation, soil and fauna.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Graduate

**Schedule types:** Lecture

**Department/School:** Geography

**GEOG 6110 Seminar in Cultural and Political Ecology****Prerequisites:** Graduate standing in geography or consent of instructor.**Description:** Study of the relationship between culture and environment and competing theories of human-environment interactions. Traces the roots of cultural ecology starting with classic ecological systems and adaptation theory, to criticisms leading to the development of "political" and "hybrid" ecologies. Course focuses on Marxist influences, inequalities of third world development, gender and resource management, social and environmental movements, indigenous knowledge, natural disasters and environmental vulnerability. Offered for fixed credit, 3 credit hours.**Credit hours:** 3**Contact hours:** Contact: 3 Other: 3**Levels:** Graduate**Schedule types:** Independent Study**Department/School:** Geography**GEOG 6120 Seminar in Urban Geography****Prerequisites:** Graduate standing in geography or consent of instructor.**Description:** Analysis of research on urban systems, internal morphology, urban problems and urban spatial behavior. Review and analysis of student research efforts. Offered for fixed credit, 3 credit hours, maximum of 6 credit hours.**Credit hours:** 3**Contact hours:** Contact: 3 Other: 3**Levels:** Graduate**Schedule types:** Independent Study**Department/School:** Geography**GEOG 6130 Seminar in Political Geography****Prerequisites:** Graduate standing in geography or consent of instructor.**Description:** Theoretical foundations of political geography from MacKinder and Hartshorne to recent writings by Smith, Anderson and other modern theorists. Nationalism, national identity, state formation and cohesion considered in a spatial context. Offered for fixed credit, 3 credit hours.**Credit hours:** 3**Contact hours:** Contact: 3 Other: 3**Levels:** Graduate**Schedule types:** Independent Study**Department/School:** Geography**GEOG 6180 Seminar in Transportation Geography****Prerequisites:** Graduate standing.**Description:** Examination of transportation systems, emphasizing their effects on trade, land use, location issues, and development. Review of trends, problems, and methods related to transport issues. Offered for fixed credit, 3 credit hours.**Credit hours:** 3**Contact hours:** Contact: 3 Other: 3**Levels:** Graduate**Schedule types:** Independent Study**Department/School:** Geography**GEOG 6210 Seminar in Historical Geography****Prerequisites:** Graduate standing.**Description:** This seminar explores historical geographic research concerning places and environments, the dynamics of place, space, and landscape as well as how the past shapes the geographies of the present and the future. It considers methodological practices and theoretical understandings associated with historical geographic scholarship.

Offered for fixed credit, 3 credit hours.

**Credit hours:** 3**Contact hours:** Contact: 3 Other: 3**Levels:** Graduate**Schedule types:** Independent Study**Department/School:** Geography**GEOG 6303 Geographic Analysis II****Prerequisites:** GEOG 5303.**Description:** An advanced course in the application of statistical methods to spatial problems. Focuses on univariate and bivariate spatial autocorrelation, geographically weighted regression (GWR), spatial weighting, and visualization of geostatistical data. Heavy emphasis on current research in geospatial techniques and student research.**Credit hours:** 3**Contact hours:** Lecture: 3 Contact: 3**Levels:** Graduate**Schedule types:** Lecture**Department/School:** Geography**GEOG 6313 Mixed Methods in Field Research****Prerequisites:** Graduate standing in geography or consent of instructor.**Description:** This course will expose students to a variety of qualitative and quantitative techniques useful in successfully designing and completing field research. Special focus will include research and survey design, interviewing, ethnography, and visual techniques such as the use of imagery, photography, sketch mapping, and Global Positioning Systems (GPS) for the collection and analysis of geospatial data. Required field trips.**Credit hours:** 3**Contact hours:** Lecture: 3 Contact: 3**Levels:** Graduate**Schedule types:** Lecture**Department/School:** Geography**GEOG 6333 Advanced Remote Sensing****Prerequisites:** GEOG 4333 or GEOG 5333.**Description:** Provides in-depth theoretical exploration of advanced remote sensing and image analysis techniques. Special topics include advanced classifications, hyperspectral imagery, and LiDAR. Specific issues surrounding data capture, image processing, and analysis will be discussed to prepare students for semester-long research projects.**Credit hours:** 3**Contact hours:** Lecture: 3 Contact: 3**Levels:** Graduate**Schedule types:** Lecture**Department/School:** Geography

**GEOG 6910 Topics in Geography****Prerequisites:** Consent of instructor.**Description:** Specialized physical, social and methodological topics in geography. Offered for variable credit, 1-3 credit hours, maximum of 6 credit hours.**Credit hours:** 1-3**Contact hours:** Contact: 1-3 Other: 1-3**Levels:** Graduate**Schedule types:** Independent Study**Department/School:** Geography**GEOG 6930 Readings in Geography****Prerequisites:** Consent of instructor.**Description:** Directed readings on selected topics, regions or methods in geography. Offered for variable credit, 1-3 credit hours, maximum of 6 credit hours.**Credit hours:** 1-3**Contact hours:** Contact: 1-3 Other: 1-3**Levels:** Graduate**Schedule types:** Independent Study**Department/School:** Geography**GLST 1713 Regions & Nations in Global Context (IS)****Description:** A regional approach to the study of human societies and the makeup of nations around the world, with an emphasis on contemporary issues such as climate change, sustainability and other environmental impacts; population and immigration; culture, religion and language; and economic characteristics such as wealth disparities, poverty and education. This course covers many distinct world regions such as Europe, Latin America, the Middle East and Southeast Asia. Same course as GEOG 1713.**Credit hours:** 3**Contact hours:** Lecture: 3 Contact: 3**Levels:** Undergraduate**Schedule types:** Lecture**Department/School:** Geography**General Education and other Course Attributes:** International Dimension, Social & Behavioral Sciences**GLST 2002 Global Sustainability (N)****Description:** This course examines questions of sustainability and sustainable development in a global context from environmental, social, and economic perspectives. Emphasis is placed on how different dimensions of sustainability interact, and how those interactions are shaped by regional context in a globalized world. Through discussion of policy and current environmental issues around the world, students will learn to analyze relationships and tradeoffs between humans and their environment. Same course as GEOG 2002.**Credit hours:** 2**Contact hours:** Lecture: 2 Contact: 2**Levels:** Undergraduate**Schedule types:** Lecture**Department/School:** Geography**General Education and other Course Attributes:** Natural Sciences**GLST 2103 Global Perspectives (IS)****Description:** Introduces students to the cultural, economic, and political aspects of globalization and global issues. Emphasizes the relationship between tradition and change, the interconnectedness of people, places, and institutions, aspects of social and economic development, and the evolving role of technology in creating and sustaining a globalized world. Also introduces students to possible career options. Same course as GEOG 2103.**Credit hours:** 3**Contact hours:** Lecture: 3 Contact: 3**Levels:** Undergraduate**Schedule types:** Lecture**Department/School:** Geography**General Education and other Course Attributes:** International Dimension, Social & Behavioral Sciences**GLST 3053 Introduction to Central Asia Studies****Description:** A comprehensive view of newly-emerged Central Asian states, examining the history, politics, economics, geography, and culture of Azerbaijan, Kazakhstan, Kyrgyzstan, Tajikistan, Turkmenistan, and Uzbekistan as reflected in their thoughts, religion, literature, and architecture in the past, and the strategic importance of their natural wealth for the present and future. Same course as GEOG 3053, HIST 3053, POLS 3053, and RUSS 3053.**Credit hours:** 3**Contact hours:** Lecture: 3 Contact: 3**Levels:** Undergraduate**Schedule types:** Lecture**Department/School:** Geography**General Education and other Course Attributes:** International Dimension, Social & Behavioral Sciences**GLST 3713 Exploring North America and Diversity (DS)****Description:** This course presents a regional analysis of the United States and Canada, including physical and cultural landscapes, population and migration trends, regional development, natural resources, and U.S.-Canada relations as well as global relations. In addition, it emphasizes diversity in both countries, with special attention to those geographies of under-represented and minority groups in the U.S. Same course as GEOG 3713.**Credit hours:** 3**Contact hours:** Lecture: 3 Contact: 3**Levels:** Undergraduate**Schedule types:** Lecture**Department/School:** Geography**General Education and other Course Attributes:** Diversity, Social & Behavioral Sciences**GLST 3723 Europe (IS)****Description:** This course examines the cultural, economic, and natural diversity of Europe in relation to globalization, climate change, and popular culture. Basic geographic concepts such as migration, region, and culture will be linked to European current events. Students will learn to properly utilize online sources to understand current European issues and their relationship to other countries and regions around the world. Same course as GEOG 3723.**Credit hours:** 3**Contact hours:** Lecture: 3 Contact: 3**Levels:** Undergraduate**Schedule types:** Lecture**Department/School:** Geography**General Education and other Course Attributes:** International Dimension, Social & Behavioral Sciences

**GLST 3733 Russia and Its Neighbors (IS)**

**Description:** A regional survey course of Eurasia extending from Central Europe to Western Siberia. Central and Southwest Asia will not be considered in this course. Thematic contemporary issues in the region will be covered, including topics on culture, politics, social issues, economic development, and others. Same course as GEOG 3733.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Geography

**General Education and other Course Attributes:** International Dimension, Social & Behavioral Sciences

**GLST 3743 Latin America (IS)**

**Description:** A regional analysis of physical, cultural and economic features of historic and contemporary Latin America. Key themes include people and environment, development and change, government and conflict, and globalization and social change. Same course as GEOG 3743.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Geography

**General Education and other Course Attributes:** International Dimension, Social & Behavioral Sciences

**GLST 3753 Asia (IS)**

**Description:** A regional survey course of Asia from Pakistan in the west to the Asian littoral in the east, including Japan, Taiwan, and the Philippines. Central and Southwest Asia will not be considered in this course. Regionally, Asia will be approached through examination of two great cultural focal points: India and China. Thematic contemporary issues in Asia will be covered, including topics on culture, politics, social issues, economic development, and others. Same course as GEOG 3753.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Geography

**General Education and other Course Attributes:** International Dimension, Social & Behavioral Sciences

**GLST 3763 Africa (IS)**

**Description:** An exploration of the patterns and impact of population, cultural heritage, and natural resources to build an understanding and experience with Africa. Historic and contemporary relationships between Africa and Western civilization. Key themes include traditions and lifeways, development and change, government and conflict, and people and environment. Same course as GEOG 3763.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Geography

**General Education and other Course Attributes:** International Dimension, Social & Behavioral Sciences

**GLST 3783 The Middle East (IS)**

**Description:** A regional analysis of the Arab, Persian and Turkic lands that builds an understanding and experience with the Middle East. Historic and contemporary patterns highlight both tradition and modernity. Key themes include lifeways and social change, development and globalization, international relations and conflict, and natural resources and environment. Same course as GEOG 3783.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Geography

**General Education and other Course Attributes:** International Dimension, Social & Behavioral Sciences

**GLST 3793 Australia and the Pacific Realm (IS)**

**Description:** Study of Australia, New Zealand, and the island regions of Micronesia, Melanesia, and Polynesia. Course examines the cultural and natural diversity of these regions in relation to globalization, climate change, and popular culture. Course covers enduring cultural traditions, legacies of external involvement, changing livelihoods and landscapes, and the region's role in global affairs. Same course as GEOG 3793.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Geography

**General Education and other Course Attributes:** International Dimension, Social & Behavioral Sciences

**GLST 4443 Sustainable Tourism and Geography**

**Prerequisites:** Junior or senior standing or consent of instructor.

**Description:** This course examines sustainable tourism from a cultural and environmental perspective. It discusses concepts and theories of sustainability and tourism, including human rights, environmental justice, and ethics, emphasizing the global environmental and social effects and possibilities of tourism. The course addresses management concepts, sectoral approaches, transport and mobility themes, and emerging issues in the context of sustainability. May not be used for degree credit with GEOG 4443 and HRAD 4183.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Geography

**GLST 4513 Senior Capstone Experience**

**Prerequisites:** Consent of the instructor and advisor.

**Description:** Designed specifically for Global Studies majors. Relates coursework in the major to career plans. In consultation with faculty, students choose to complete an internship, a study abroad, or a research project. Students prepare a portfolio and give an oral presentation based on their project and experience.

**Credit hours:** 3

**Contact hours:** Contact: 3 Other: 3

**Levels:** Undergraduate

**Schedule types:** Independent Study

**Department/School:** Geography

## Undergraduate Programs

- Geography, BA (p. 1191)
- Geography, BS (p. 1194)
- Geography: Business Essentials, BA (p. 1197)

- Geography: Business Essentials, BS (p. 1200)
- Geography: Pre-Law, BA (p. 1203)
- Geography: Pre-Ministry, BA (p. 1206)
- Geospatial Information Science, BS (p. 1209)
- Global Studies, BA (p. 1214)
- Global Studies: Business Essentials, BA (p. 1218)
- Global Studies: Pre-Law, BA (p. 1222)
- Global Studies: Pre-Ministry, BA (p. 1225)

## Graduate Programs

The Department of Geography offers MS and PhD degrees. We have a vibrant graduate program that is built around three broad areas of emphasis: the study of nature-society dynamics, including resource management; GIScience, including unmanned aerial systems; and cultural and historical geography. Major faculty specializations include public health, water security, GIS, remote sensing, climate science, human dimensions of global environmental change, cultural and historical geography, urban and transportation geography, political geography, geoarchaeology, and spatial analysis.

Particular emphasis is placed on the applied aspects of geography, with many graduates employed by private business as well as city, regional, state and national planning agencies. Our graduates have been highly successful in their careers, taking up positions involving city planning, environmental assessment, and university teaching and research, among many others.

## The Master of Science Degree

Admission to the master's program in geography is granted to college graduates with superior academic records. An undergraduate geography major is not required. Majors from the social, physical, and behavioral sciences and from the humanities are encouraged to apply. Incoming graduate students must demonstrate competency in cultural geography, physical geography, statistics and cartography. If a student lacks these prerequisite skills, an additional course in each of these subjects is required.

Thesis and non-thesis options exist for the master's degree. The thesis option requires a minimum of 30 credit hours, including a thesis. The non-thesis option requires 36 credit hours. Plans of study can be developed to accommodate many interests.

## The Doctor of Philosophy Degree

Admission to the PhD program is granted to students with superior records in their previous graduate study. A previous degree in geography is not required, but incoming students from other disciplines must demonstrate competency in cultural geography, physical geography, statistics and cartography. If a student lacks these prerequisite skills, an additional course in each of these subjects is required. A minimum of 60 hours of graduate credit beyond the master's degree is required for the PhD degree. These hours include core courses (13 hours), elective courses in geography (15 hours minimum), elective courses outside of geography (9 hours minimum), and dissertation hours (15 hours minimum). Each student chooses an individual doctoral committee that advises the student in the formulation of an approved plan of study for the degree. Candidates for the PhD in geography must demonstrate either:

1. proficiency in one language other than English,
2. reading knowledge of two languages other than English,
3. proficiency in advanced quantitative methods,
4. proficiency in advanced qualitative methods, or
5. proficiency in a multi-skill track.

To be advanced to doctoral candidacy, the student must demonstrate proficiency in three specialized subject areas within geography and related disciplines by passing written and oral comprehensive examinations. An important requirement for the PhD degree is the preparation and successful defense of a doctoral dissertation. The dissertation must demonstrate the candidate's ability to plan and complete independent, original research in geography.

## Minors

- Geography (GEOG), Minor (p. 1189)
- Geospatial Information Technologies (GSIT), Minor (p. 1212)
- Global Studies (GLST), Minor (p. 1213)

## Certificates

- Environmental Studies, Undergraduate Certificate (p. 1187)
- Geographic Information Systems, Certificate (p. 1188)

## Faculty

Alyson L. Greiner, PhD—Professor and Head

**Professors:** Jonathan C. Comer, PhD; Carlos E. Cordova, PhD; Reuel R. Hanks, PhD; Dale R. Lightfoot, PhD (emeritus); Stephen J. Stadler, PhD (emeritus); Jacqueline Vadjunec, PhD; Thomas A. Wickle, PhD (emeritus)

**Associate Professors:** Brad A. Bays, PhD; G. Allen Finchum, PhD; Rebecca Sheehan, PhD; Hongbo Yu, PhD

**Assistant Professors:** Saber Brasher, PhD; Peter Crank, PhD; Hamed Gholizadeh, PhD; Tao Hu, PhD; G. Thomas LaVanchy, PhD; Yuting Zhou, PhD

**Teaching Instructor:** Donald Colley



## Environmental Studies, Undergraduate Certificate

**Requirements for Students Matriculating in or before Academic Year 2022-2023.** Learn more about University Academic Regulation 3.1 (p. 943).

**Total Hours:** 17

Code	Title	Hours
<i>Core</i>		
Select three hours from:		3
ENVR 1113	Elements of Environmental Science (N)	
GEOG 1114	Physical Geography (LN)	
GEOG 2344	Digital Tools for Environmental Problem-Solving (LN)	
GEOL 1014	Geology and Human Affairs (LN)	
NREM 1014	Introduction to Natural History (LN)	
SOIL 2124	Fundamentals of Soil Science (N)	
GEOG 2002 or GLST 2002	Global Sustainability (N)	2
GEOG 3153	Conservation of Natural Resources (S)	3
HIST 4523	American Environmental History (H)	3
<i>Electives</i>		
Select 6 hours from:		6
AGEC 3503	Natural Resource Economics	
AGEC 4503	Environmental Economics and Resource Development	
ARCH 4233	Sustainable Design in Architecture	
ARCH 4293	The Ethics of the Built Environment (H)	
BIOL 3034	General Ecology	
DHM 4573	Sustainable Design for Apparel and Interiors	
ECON 3903	Economics of the Environment	
ENTO 2003	Insects and Society (N)	
ENVR 3113	Sampling and Analyses for Solving Environmental Problems	
ENVR 4363	Environmental Soil Science	
GEOG 3023	Climatology (N)	
GEOG 3123	Urban Geography (S)	
GEOG 4003	Natural Hazards and Society	
GEOG 4073	Climate Change: Past, Present, and Future	
GEOG 4113	Environment and Development	
GEOG 4163	Resource Management in the National Parks	
GEOG 4233	Human Dimensions of Global Environmental Change	
HIST 4063	Historic Preservation	
HIST 4503	American Urban History (H)	
LA 3673	History and Theory of Landscape Architecture (H)	
NREM 3013	Applied Ecology and Conservation	
NREM 4001	Issues In Global Change	

NREM 4043	Natural Resource Administration and Policy
NREM 4053	Natural Resource Recreation
NREM 4093	Natural Resources, People and Sustainable Development (I)
NSCI 3543	Food and the Human Environment (IS)
PBIO 3253	Environment and Society (N)
POLS 4363	Environmental Law And Policy
POLS 4593	Natural Resources and Environmental Policy
SOC 3423	Urban Sociology
SOC 4433	Environmental Sociology (S)
SOC 4453	Environmental Inequality (S)
SOC 4473	Oklahoma Environmental Sociology
SOC 4533	World Population Problems
SOIL 4463	Soil and Water Conservation
SOIL 4893	Environmental Soil Chemistry
Other courses with half or more environmental content may be considered alternates for elective courses. Consult with program coordinator for qualified alternatives.	

**Total Hours** **17**



# Geographic Information Systems, Certificate

**Requirements for Students Matriculating in or before Academic Year 2022-2023.** Learn more about University Academic Regulation 3.1 (p. 943).

**Total Hours:** 15

Code	Title	Hours
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A minimum 3.00 GPA is required for all courses taken for the certificate program.

## Core Courses

Select 9 hours, choose three courses:	9
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GEOG 4203	Fundamentals of Geographic Information Systems
GEOG 4343	Geographic Information Systems: Resource Management Applications
or GEOG 5323	Geographic Information Systems: Resource Management Applications
GEOG 4353	Geographic Information Systems: Socioeconomic Applications
GEOG 5343	Advanced Geographic Information Systems: Resource Management Applications
GEOG 5353	Advanced Geographic Information Systems: Socioeconomic Applications

## Elective Courses

Select 6 hours, choose two courses, each from a different category:	6
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Category I: Spatial Analysis/GIS Programming

GEOG 3333	Spatial Analysis (A)
GEOG 4383	Introduction to GIS Programming
GEOG 5303	Geographic Analysis I
GEOG 6303	Geographic Analysis II

Category II: Spatial Data Collection, Management, and Representation

GEOG 4263	Geospatial Applications for Unmanned Aerial Systems
or GEOG 5263	Geospatial Applications for Unmanned Aerial Systems
GEOG 4303	Applications of the Global Positioning System in Field Research
GEOG 4313	Field Techniques and Geodata Collection
GEOG 4323	Mapping in Modern Society
GEOG 4333	Remote Sensing
or GEOG 5333	Remote Sensing
GEOG 6313	Mixed Methods in Field Research
GEOG 6333	Advanced Remote Sensing

Courses from other OSU programs that contain at least 50% of geospatial technology in the course content may be considered as alternatives for elective courses. Consult with program coordinator for qualified alternatives.

<b>Total Hours</b>	<b>15</b>
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## Geography (GEOG), Minor

**Requirements for Students Matriculating in or before Academic Year 2022-2023.** Learn more about University Academic Regulation 3.1 (p. 943).

Sarah Mutschelknaus, 101B SSH, 405-744-8197

**Total Hours:** 16

Code	Title	Hours
<b>Minor Requirements</b>		
GEOG 1113	Introduction to Cultural Geography (IS)	3
or GEOG 1713	Regions & Nations in Global Context (IS)	
GEOG 1114	Physical Geography (LN)	4
Select at least nine additional hours, including six at the upper-division level		9
<b>Total Hours</b>		<b>16</b>

### Other Requirements

- No grade below "C."

### Additional OSU Requirements

#### Undergraduate Minors

- An undergraduate minor must include between fifteen and thirty hours, inclusive of undergraduate coursework.
- A minimum of six credit hours for the minor must be earned in residence at OSU.
- The courses required for a minor may be included in the course requirements for any undergraduate degree or they may be in addition to degree requirements, depending on the overlap between the minor and degree requirements. However, an undergraduate minor must be earned in an academic field other than the student's declared degree option. The minor may not duplicate the degree major or option (for example, a student who earns a BA in Art with an Art History option may earn a minor in Studio Art but not Art History).
- A student generally follows the minor requirements associated with his or her matriculation year or newer requirements that have been established since matriculation. The time limit for following requirements from a given academic year is six years.

For additional information on requirements on minors, click here (<https://adminfinance.okstate.edu/site-files/documents/policies/requirements-for-undergraduate-and-graduate-minors.pdf>).

# Geography and Environmental Studies, BS

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**Requirements for Students Matriculating in or before Academic Year 2022-2023.** Learn more about University Academic Regulation 3.1 (p. 943).

**Minimum Overall Grade Point Average:**

**Total Hours:**

Code	Title	Hours
Courses go here		
<b>Total Hours</b>		<b>0</b>

## Additional State/OSU Requirements

- At least: 60 hours at a four-year institution; 30 hours completed at OSU; 15 of the final 30 or 50% of the upper-division hours in the major field completed at OSU.
- Limit of: one-half of major course requirements as transfer work; one-fourth of hours earned by correspondence; 8 transfer correspondence hours.
- Students will be held responsible for degree requirements in effect at the time of matriculation and any changes that are made, so long as these changes do not result in semester credit hours being added or do not delay graduation.
- Degrees that follow this plan must be completed by the end of Summer 2028.

# Geography, BA

## Degree Requirements

**Requirements for Students Matriculating in or before Academic Year 2022-2023.** Learn more about University Academic Regulation 3.1 (p. 943).

**Minimum Overall Grade Point Average:** 2.00

**Total Hours:** 120

Code	Title	Hours
<b>General Education Requirements</b>		
<i>English Composition</i>		
See Academic Regulation 3.5 (p. 944)		
ENGL 1113	Composition I	3
or ENGL 1313	Critical Analysis and Writing I	
Select one of the following:		3
ENGL 1213	Composition II	
ENGL 1413	Critical Analysis and Writing II	
ENGL 3323	Technical Writing	
<i>American History &amp; Government</i>		
HIST 1103	Survey of American History	3
or HIST 1483	American History to 1865 (H)	
or HIST 1493	American History Since 1865 (DH)	
POLS 1113	American Government	3
<i>Analytical &amp; Quantitative Thought (A)</i>		
Select one of the following:		3
STAT 2013	Elementary Statistics (A)	
STAT 2023	Elementary Statistics for Business and Economics (A)	
STAT 2053	Elementary Statistics for the Social Sciences (A)	
<i>Humanities (H)</i>		
Courses designated (H)		6
<i>Natural Sciences (N)</i>		
Must include one Laboratory Science (L) course		
GEOG 1114	Physical Geography (LN) <sup>1</sup>	4
2 hours designated (N)		2
<i>Social &amp; Behavioral Sciences (S)</i>		
Course designated (S)		3
<i>Additional General Education</i>		
Courses designated (A), (H), (N), or (S)		10
<b>Hours Subtotal</b>		<b>40</b>
<b>Diversity (D) &amp; International Dimension (I)</b>		
May be completed in any part of the degree plan		
Select at least one Diversity (D) course		
Select at least one International Dimension (I) course		
<b>College/Departmental Requirements</b>		
<i>First Year Seminar</i>		
(Transfer students with 15 hours exempt)		1
<i>Arts &amp; Humanities</i>		
See note 2.a.		9
<i>Natural &amp; Mathematical Sciences</i>		

See note 2.b.		3
<i>Foreign Language</i>		
See note 3		9
<i>Non-Western Studies</i>		
Select at least one course		
See note 2.d.		
<i>Upper-Division General Education</i>		
Select 6 hours outside major department		
See note 2.c.		
<b>Hours Subtotal</b>		<b>22</b>
<b>Major Requirements</b>		
Minimum GPA 2.50.		
<i>Core courses</i>		
GEOG 1113	Introduction to Cultural Geography (IS)	3
or GEOG 1713	Regions & Nations in Global Context (IS)	
GEOG 2344	Digital Tools for Environmental Problem-Solving (LN)	4
GEOG 4203	Fundamentals of Geographic Information Systems	3
GEOG 4313	Field Techniques and Geodata Collection	3
GEOG 4323	Mapping in Modern Society	3
<i>Additional GEOG courses</i>		
Select 24 hours (21 hours must be upper-division)		24
<i>Related courses</i>		
Select 6 hours upper-division (non-GEOG) departmental approved related courses		6
<b>Hours Subtotal</b>		<b>46</b>
<b>Electives</b>		
Select 12 hours		12
May need to include 6 hours upper-division general education outside major department (see note 2.c.) and 4 additional upper-division hours		
MATH 1483 or MATH 1513 required for students who do not place directly into STAT.		
<b>Hours Subtotal</b>		<b>12</b>
<b>Total Hours</b>		<b>120</b>

1

College and Departmental Requirements that may be used to meet General Education Requirements.

## Other Requirements

- See the College of Arts and Sciences Requirements.
- Minimum GPA 2.00 in all GEOG courses.
- **Upper-Division Credit:** Total hours must include at least 40 hours in courses numbered 3000 or above.
- **Hours in One Department:** For B.A. and B.S. degrees, no more than 54 hours in one department may be applied to degree requirements.

## College of Arts and Sciences Requirements

### 1. General Education Requirements

No more than two courses (or eight hours) from the major department (<http://catalog.okstate.edu/college-arts-sciences-major>)

departments/) may be used to meet General Education and College and Departmental Requirements. The General Education required English Composition, required U.S. History, required American Government, one required MATH or STAT course, and required foreign language for B.A. degrees do not count against the two-course maximum.

## 2. A&S College/Departmental Requirements

- Arts and Humanities are defined as any course carrying an (H) designation or courses from AMST, ART, DANC, ENGL (except ENGL 3323 Technical Writing) HIST, MUSI, PHIL (except PHIL 1313 Logic and Critical Thinking (A), PHIL 3003 Symbolic Logic (A) and PHIL 4003 Mathematical Logic and Computability), REL, TH, and foreign languages.
- Natural and Mathematical Sciences are defined as any course from the following prefixes: ASTR, BIOC, BIOL, CHEM, CS (except CS 4883 Social Issues in Computing), GEOL, MATH, MICR, PBIO, PHYS, and STAT; or courses from other departments that carry an (A) or (N) general education designation.
- The required six hours of upper-division General Education may not include courses from the student's major department. This requirement may be satisfied by courses also used to satisfy any part of a student's degree program (i.e., in General Education, College Departmental Requirements, Major Requirements or Electives).
- Non-Western Studies Requirement for B.A. and B.F.A.; One 3-hour course in Non-Western Studies (N.W.). This requirement may be satisfied by courses also used to satisfy any part of a student's degree program (i.e., in General Education, College Departmental Requirements, Major Requirements or Electives).
- The College of Arts & Sciences requires a minimum 2.0 GPA in all major requirements and a minimum 2.0 GPA in all major-prefix courses applied to the degree.

## 3. Foreign Language Proficiency

- The foreign language requirement for the B.A. may be satisfied by 9 hours college credit in the same language, which must include 3 hours at the 2000-level, or equivalent proficiency (e.g., passing an advanced standing examination; TOEFL exam; presenting a high school transcript which demonstrates the high school was primarily conducted in a language other than English; etc.). Computer Science courses may not be used to satisfy this requirement. Currently Arabic and Mvskoke are not offered at the 2000-level at OSU.
- The foreign language requirement for the B.S., B.M. and B.F.A. may be satisfied by presenting a high school transcript which demonstrates two years of study of a single foreign language (passing grades at second-year level of study). It may also be satisfied by 6 hours college credit in the same language, which must include language courses 1713 and 1813, or equivalent proficiency (e.g., passing an advanced standing examination; TOEFL exam; presenting a high school transcript which demonstrates the high school was primarily conducted in a language other than English; etc.). Computer Science courses may not be used to satisfy this requirement.
- In addition to a. and b., students pursuing teacher certification must meet novice-high foreign language proficiency by presenting a high school transcript which demonstrates two years of study of a single foreign language with no grade below B. Or, students may complete 3 hours college credit in a single language with no grade below C (or pass an advanced standing examination, College Level Examination Program (CLEP) exam,

or Oral Proficiency Interview developed by the American Council on the Teaching of Foreign Languages, equivalent to 3 hours of college credit.) Or, students may meet the requirement by transfer of documentation of meeting the foreign language competency from one of the teacher education programs in the State of Oklahoma approved by the Oklahoma State Regents for Higher Education.

## 4. Exclusions

- Courses used to satisfy the General Education English Composition, U.S. History, American Government, and Mathematics or Statistics requirements will not count toward the 54-hour maximum allowed from one department.
- Courses with ATHL or LEIS prefixes and leisure activity courses may not be used for degree credit.

## Additional State/OSU Requirements

- At least: 60 hours at a four-year institution; 30 hours completed at OSU; 15 of the final 30 or 50% of the upper-division hours in the major field completed at OSU.
- Limit of: one-half of major course requirements as transfer work; one-fourth of hours earned by correspondence; 8 transfer correspondence hours.
- Students will be held responsible for degree requirements in effect at the time of matriculation and any changes that are made, so long as these changes do not result in semester credit hours being added or do not delay graduation.
- Degrees that follow this plan must be completed by the end of Summer 2028.

## Example Plan of Study

### Finish in Four Plan of Study

The plan below is an example of how students can successfully complete degree requirements in four years. This suggested class schedule plan may be used as a guide and can be adjusted based on individual needs. Students are required to meet with an academic advisor prior to enrollment each semester to plan their class schedule, and students are ultimately responsible for completing all degree requirements.

Course	Title	Hours
<b>Freshman</b>		
<b>Fall</b>		
GEOG 1114	Physical Geography (LN)	4
GEOG 1113 or GEOG 1713	Introduction to Cultural Geography (IS) or Regions & Nations in Global Context (IS)	3
1713 First Semester Foreign Language		3
General Education courses		4
<b>Hours</b>		<b>14</b>
<b>Spring</b>		
STAT 2013 or STAT 2053	Elementary Statistics (A) or Elementary Statistics for the Social Sciences (A)	3
GEOG 2344	Digital Tools for Environmental Problem-Solving (LN)	4
1813 Second Semester Foreign Language		3
General Education courses		6
<b>Hours</b>		<b>16</b>
<b>Sophomore</b>		
<b>Fall</b>		
2000-level Foreign Language		3
College and Elective courses		12
<b>Hours</b>		<b>15</b>

<b>Spring</b>		
GEOG 4203	Fundamentals of Geographic Information Systems	3
Major, College, and Elective courses		12
<b>Hours</b>		<b>15</b>
<b>Junior</b>		
<b>Fall</b>		
Major, College, and Elective courses		15
<b>Hours</b>		<b>15</b>
<b>Spring</b>		
GEOG 4323	Mapping in Modern Society	3
Major, College, and Elective courses		12
<b>Hours</b>		<b>15</b>
<b>Senior</b>		
<b>Fall</b>		
GEOG 4313	Field Techniques and Geodata Collection	3
Major, College, and Elective courses		12
<b>Hours</b>		<b>15</b>
<b>Spring</b>		
GEOG 4510 or GEOG 4993	Senior Project or Senior Honors Thesis	3
Major, College, and Elective courses		12
<b>Hours</b>		<b>15</b>
<b>Total Hours</b>		<b>120</b>



# Geography, BS

## Degree Requirements

**Requirements for Students Matriculating in or before Academic Year 2022-2023.** Learn more about University Academic Regulation 3.1 (p. 943).

**Minimum Overall Grade Point Average:** 2.00

**Total Hours:** 120

Code	Title	Hours
<b>General Education Requirements</b>		
<i>English Composition</i>		
See Academic Regulation 3.5 (p. 944)		
ENGL 1113	Composition I	3
or ENGL 1313	Critical Analysis and Writing I	
Select one of the following:		3
ENGL 1213	Composition II	
ENGL 1413	Critical Analysis and Writing II	
ENGL 3323	Technical Writing	
<i>American History &amp; Government</i>		
HIST 1103	Survey of American History	3
or HIST 1483	American History to 1865 (H)	
or HIST 1493	American History Since 1865 (DH)	
POLS 1113	American Government	3
<i>Analytical &amp; Quantitative Thought (A)</i>		
Select one of the following:		3
STAT 2013	Elementary Statistics (A)	
STAT 2023	Elementary Statistics for Business and Economics (A)	
STAT 2053	Elementary Statistics for the Social Sciences (A)	
<i>Humanities (H)</i>		
Courses designated (H)		6
<i>Natural Sciences (N)</i>		
Must include one Laboratory Science (L) course		
GEOG 1114	Physical Geography (LN) <sup>1</sup>	4
2 hours designated (N)		2
<i>Social &amp; Behavioral Sciences (S)</i>		
Course designated (S)		3
<i>Additional General Education</i>		
Courses designated (A), (H), (N), or (S)		10
<b>Hours Subtotal</b>		<b>40</b>
<b>Diversity (D) &amp; International Dimension (I)</b>		
May be completed in any part of the degree plan		
Select at least one Diversity (D) course		
Select at least one International Dimension (I) course		
<b>College/Departmental Requirements</b>		
<i>First Year Seminar</i>		
(Transfer students with 15 hours exempt)		1
<i>Arts &amp; Humanities</i>		
See note 2.a.		3
<i>Natural &amp; Mathematical Sciences</i>		

See note 2.b.		9
<i>Foreign Language</i>		
See note 3		
0-6 hours		
<i>Upper-Division General Education</i>		
Select 6 hours outside major department		
See note 2.c.		
<b>Hours Subtotal</b>		<b>13</b>
<b>Major Requirements</b>		
Minimum GPA 2.50.		
<i>Core courses</i>		
GEOG 1113	Introduction to Cultural Geography (IS)	3
or GEOG 1713	Regions & Nations in Global Context (IS)	
GEOG 3333	Spatial Analysis (A)	3
GEOG 4203	Fundamentals of Geographic Information Systems	3
GEOG 4313	Field Techniques and Geodata Collection	3
GEOG 4323	Mapping in Modern Society	3
Select one of the following:		3
GEOG 4333	Remote Sensing	
GEOG 4343	Geographic Information Systems: Resource Management Applications	
GEOG 4353	Geographic Information Systems: Socioeconomic Applications	
<i>Additional GEOG courses</i>		
Select 21 hours (18 hours must be upper-division) <sup>2</sup>		21
<i>Related courses</i>		
Select 6 hours upper-division (non-GEOG) departmental approved related courses		6
<b>Hours Subtotal</b>		<b>45</b>
<b>Electives <sup>2</sup></b>		
Select 22 hours		22
May need to include 6 hours of a foreign language (see note 3)		
May need to include 6 hours upper-division general education outside major department (see note 2.c.) and 1 additional upper-division hour		
MATH 1483 or MATH 1513 required for students who do not place directly into STAT.		
<b>Hours Subtotal</b>		<b>22</b>
<b>Total Hours</b>		<b>120</b>

<sup>1</sup>

College and Departmental Requirements that may be used to meet General Education Requirements.

<sup>2</sup>

With approval from the advisor and department head, a maximum of 30 hours from an accredited doctoral law or health program may be used for these areas, including up to 3 hours of upper-division GEOG.

## Other Requirements

- See the College of Arts and Sciences Requirements.
- Minimum GPA 2.00 in all GEOG courses.
- **Upper-Division Credit:** Total hours must include at least 40 hours in courses numbered 3000 or above.

- **Hours in One Department:** For B.A. and B.S. degrees, no more than 54 hours in one department may be applied to degree requirements.

## College of Arts and Sciences Requirements

### 1. General Education Requirements

No more than two courses (or eight hours) from the major department (<http://catalog.okstate.edu/college-arts-sciences-major-departments/>) may be used to meet General Education and College and Departmental Requirements. The General Education required English Composition, required U.S. History, required American Government, one required MATH or STAT course, and required foreign language for B.A. degrees do not count against the two-course maximum.

### 2. A&S College/Departmental Requirements

- Arts and Humanities are defined as any course carrying an (H) designation or courses from AMST, ART, DANC, ENGL (except ENGL 3323 Technical Writing) HIST, MUSI, PHIL (except PHIL 1313 Logic and Critical Thinking (A), PHIL 3003 Symbolic Logic (A) and PHIL 4003 Mathematical Logic and Computability), REL, TH, and foreign languages.
- Natural and Mathematical Sciences are defined as any course from the following prefixes: ASTR, BIOC, BIOL, CHEM, CS (except CS 4883 Social Issues in Computing), GEOL, MATH, MICR, PBIO, PHYS, and STAT; or courses from other departments that carry an (A) or (N) general education designation.
- The required six hours of upper-division General Education may not include courses from the student's major department. This requirement may be satisfied by courses also used to satisfy any part of a student's degree program (i.e., in General Education, College Departmental Requirements, Major Requirements or Electives).
- Non-Western Studies Requirement for B.A. and B.F.A.; One 3-hour course in Non-Western Studies (N.W.). This requirement may be satisfied by courses also used to satisfy any part of a student's degree program (i.e., in General Education, College Departmental Requirements, Major Requirements or Electives).
- The College of Arts & Sciences requires a minimum 2.0 GPA in all major requirements and a minimum 2.0 GPA in all major-prefix courses applied to the degree.

### 3. Foreign Language Proficiency

- The foreign language requirement for the B.A. may be satisfied by 9 hours college credit in the same language, which must include 3 hours at the 2000-level, or equivalent proficiency (e.g., passing an advanced standing examination; TOEFL exam; presenting a high school transcript which demonstrates the high school was primarily conducted in a language other than English; etc.). Computer Science courses may not be used to satisfy this requirement. Currently Arabic and Mvskoke are not offered at the 2000-level at OSU.
- The foreign language requirement for the B.S., B.M. and B.F.A. may be satisfied by presenting a high school transcript which demonstrates two years of study of a single foreign language (passing grades at second-year level of study). It may also be satisfied by 6 hours college credit in the same language, which must include language courses 1713 and 1813, or equivalent proficiency (e.g., passing an advanced standing examination; TOEFL exam; presenting a high school transcript which demonstrates the high school was primarily conducted in

a language other than English; etc.). Computer Science courses may not be used to satisfy this requirement.

- In addition to a. and b., students pursuing teacher certification must meet novice-high foreign language proficiency by presenting a high school transcript which demonstrates two years of study of a single foreign language with no grade below B. Or, students may complete 3 hours college credit in a single language with no grade below C (or pass an advanced standing examination, College Level Examination Program (CLEP) exam, or Oral Proficiency Interview developed by the American Council on the Teaching of Foreign Languages, equivalent to 3 hours of college credit.) Or, students may meet the requirement by transfer of documentation of meeting the foreign language competency from one of the teacher education programs in the State of Oklahoma approved by the Oklahoma State Regents for Higher Education.

### 4. Exclusions

- Courses used to satisfy the General Education English Composition, U.S. History, American Government, and Mathematics or Statistics requirements will not count toward the 54-hour maximum allowed from one department.
- Courses with ATHL or LEIS prefixes and leisure activity courses may not be used for degree credit.

## Additional State/OSU Requirements

- At least: 60 hours at a four-year institution; 30 hours completed at OSU; 15 of the final 30 or 50% of the upper-division hours in the major field completed at OSU.
- Limit of: one-half of major course requirements as transfer work; one-fourth of hours earned by correspondence; 8 transfer correspondence hours.
- Students will be held responsible for degree requirements in effect at the time of matriculation and any changes that are made, so long as these changes do not result in semester credit hours being added or do not delay graduation.
- Degrees that follow this plan must be completed by the end of Summer 2028.

## Example Plan of Study

### Finish in Four Plan of Study

The plan below is an example of how students can successfully complete degree requirements in four years. This suggested class schedule plan may be used as a guide and can be adjusted based on individual needs. Students are required to meet with an academic advisor prior to enrollment each semester to plan their class schedule, and students are ultimately responsible for completing all degree requirements.

Course	Title	Hours
<b>Freshman</b>		
<b>Fall</b>		
MATH 1483 or MATH 1513	Mathematical Functions and Their Uses (A) or College Algebra (A)	3
GEOG 1114	Physical Geography (LN)	4
GEOG 1113 or GEOG 1713	Introduction to Cultural Geography (IS) or Regions & Nations in Global Context (IS)	3
General Education courses		4
		<b>Hours</b>
		<b>14</b>
<b>Spring</b>		
STAT 2013 or STAT 2053	Elementary Statistics (A) or Elementary Statistics for the Social Sciences (A)	3

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GEOG 2344	Digital Tools for Environmental Problem-Solving (LN)	4
General Education courses		9
<b>Hours</b>		<b>16</b>
<b>Sophomore</b>		
<b>Fall</b>		
GEOG 3333	Spatial Analysis (A)	3
General Education courses		12
<b>Hours</b>		<b>15</b>
<b>Spring</b>		
GEOG 4203	Fundamentals of Geographic Information Systems	3
Major, College, and Elective courses		12
<b>Hours</b>		<b>15</b>
<b>Junior</b>		
<b>Fall</b>		
GEOG 4333 or GEOG 4343 or GEOG 4353	Remote Sensing or Geographic Information Systems: Resource Management Applications or Geographic Information Systems: Socioeconomic Applications	3
Major, College, and Elective courses		12
<b>Hours</b>		<b>15</b>
<b>Spring</b>		
GEOG 4323	Mapping in Modern Society	3
Major, College, and Elective courses		12
<b>Hours</b>		<b>15</b>
<b>Senior</b>		
<b>Fall</b>		
GEOG 4313	Field Techniques and Geodata Collection	3
Major, College, and Elective courses		12
<b>Hours</b>		<b>15</b>
<b>Spring</b>		
GEOG 4510 or GEOG 4993	Senior Project or Senior Honors Thesis	3
Major, College, and Elective courses		12
<b>Hours</b>		<b>15</b>
<b>Total Hours</b>		<b>120</b>

## Geography: Business Essentials, BA

### Degree Requirements

**Requirements for Students Matriculating in or before Academic Year 2022-2023.** Learn more about University Academic Regulation 3.1 (p. 943).

**Minimum Overall Grade Point Average:** 2.50

**Total Hours:** 120

Code	Title	Hours
<b>General Education Requirements</b>		
<i>English Composition</i>		
See Academic Regulation 3.5 (p. 944)		
ENGL 1113 or ENGL 1313	Composition I Critical Analysis and Writing I	3
Select one of the following:		3
ENGL 1213	Composition II	
ENGL 1413	Critical Analysis and Writing II	
ENGL 3323	Technical Writing	
<i>American History &amp; Government</i>		
HIST 1103 or HIST 1483 or HIST 1493	Survey of American History American History to 1865 (H) American History Since 1865 (DH)	3
POLS 1113	American Government	3
<i>Analytical &amp; Quantitative Thought (A)</i>		
MATH 1483	Mathematical Functions and Their Uses (A) (or higher, excluding MATH 1493)	3
<i>Humanities (H)</i>		
Course designated (H)		6
<i>Natural Sciences (N)</i>		
Must include one Laboratory Science (L) course.		
GEOG 1114	Physical Geography (LN)	4
2 hours designated (N)		2
<i>Social &amp; Behavioral Sciences (S)</i>		
Course designated (S)		3
<i>Additional General Education</i>		
Courses designated (A), (H), (N), or (S)		10
<b>Hours Subtotal</b>		<b>40</b>
<b>Diversity (D) &amp; International Dimension (I)</b>		
May be completed in any part of the degree plan.		
At least one Diversity (D) course.		
At least one International Dimension (I) course.		
<b>College/Departmental Requirements</b>		
<i>First Year Seminar</i>		
(Transfer students with 15 hours exempt.)		1
<i>Arts &amp; Humanities</i>		
(See note 2.a.)		9
<i>Natural &amp; Mathematical Sciences</i>		
(See note 2.b.)		3
<i>Foreign Language</i>		
(See note 3.)		9
<i>Non-Western Studies</i>		

At least one course.

(See note 2.d.)

*Upper-Division General Education*

6 hours outside major department

See note 2.c.)

**Hours Subtotal** **22**

**Major Requirements**

Minimum GPA 2.50.

*Core*

GEOG 1113 Introduction to Cultural Geography (IS) 3  
or GEOG 1713 Regions & Nations in Global Context (IS)

GEOG 2344 Digital Tools for Environmental Problem-Solving (LN) 4

GEOG 4203 Fundamentals of Geographic Information Systems 3

GEOG 4313 Field Techniques and Geodata Collection 3

GEOG 4323 Mapping in Modern Society 3

*Additional GEOG courses*

Select 24 hours (21 hours must be upper-division) 24

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ACCT 2003 Survey of Accounting 3

MGMT 3013 Fundamentals of Management (S) 3

MKTG 3213 Marketing (S) 3

3 hours from: 3

ECON 2003 Microeconomic Principles for Business

EEE 2023 Introduction to Entrepreneurship

LSB 3213 Legal and Regulatory Environment of Business

MSIS 2103 Business Data Science Technologies

**Hours Subtotal** **52**

**Electives**

6 hours of Electives 6

May need to include 6 hours upper-division general education outside major department (see note 2.c.) and 1 additional upper-division hour.

**Hours Subtotal** **6**

**Total Hours** **120**

### Other Requirements

- See the College of Arts and Sciences Requirements.
- Minimum GPA 2.00 in all GEOG courses.
- **Upper-Division Credit:** Total hours must include at least 40 hours in courses numbered 3000 or above.
- **Hours in One Department:** For B.A. and B.S. degrees, no more than 54 hours in one department may be applied to degree requirements.

### College of Arts and Sciences Requirements

#### 1. General Education Requirements

No more than two courses (or eight hours) from the major department (<http://catalog.okstate.edu/college-arts-sciences-major-departments/>) may be used to meet General Education and College and Departmental Requirements. The General Education required

English Composition, required U.S. History, required American Government, one required MATH or STAT course, and required foreign language for B.A. degrees do not count against the two-course maximum.

**2. A&S College/Departmental Requirements**

- a. Arts and Humanities are defined as any course carrying an (H) designation or courses from AMST, ART, DANC, ENGL (except ENGL 3323 Technical Writing) HIST, MUSI, PHIL (except PHIL 1313 Logic and Critical Thinking (A), PHIL 3003 Symbolic Logic (A) and PHIL 4003 Mathematical Logic and Computability), REL, TH, and foreign languages.
- b. Natural and Mathematical Sciences are defined as any course from the following prefixes: ASTR, BIOC, BIOL, CHEM, CS (except CS 4883 Social Issues in Computing), GEOL, MATH, MICR, PBIO, PHYS, and STAT; or courses from other departments that carry an (A) or (N) general education designation.
- c. The required six hours of upper-division General Education may not include courses from the student's major department. This requirement may be satisfied by courses also used to satisfy any part of a student's degree program (i.e., in General Education, College Departmental Requirements, Major Requirements or Electives).
- d. Non-Western Studies Requirement for B.A. and B.F.A.; One 3-hour course in Non-Western Studies (N.W.). This requirement may be satisfied by courses also used to satisfy any part of a student's degree program (i.e., in General Education, College Departmental Requirements, Major Requirements or Electives).
- e. The College of Arts & Sciences requires a minimum 2.0 GPA in all major requirements and a minimum 2.0 GPA in all major-prefix courses applied to the degree.

**3. Foreign Language Proficiency**

- a. The foreign language requirement for the B.A. may be satisfied by 9 hours college credit in the same language, which must include 3 hours at the 2000-level, or equivalent proficiency (e.g., passing an advanced standing examination; TOEFL exam; presenting a high school transcript which demonstrates the high school was primarily conducted in a language other than English; etc.). Computer Science courses may not be used to satisfy this requirement. Currently Arabic and Mvskoke are not offered at the 2000-level at OSU.
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- c. In addition to a. and b., students pursuing teacher certification must meet novice-high foreign language proficiency by presenting a high school transcript which demonstrates two years of study of a single foreign language with no grade below B. Or, students may complete 3 hours college credit in a single language with no grade below C (or pass an advanced standing examination, College Level Examination Program (CLEP) exam, or Oral Proficiency Interview developed by the American Council on the Teaching of Foreign Languages, equivalent to 3 hours of

college credit.) Or, students may meet the requirement by transfer of documentation of meeting the foreign language competency from one of the teacher education programs in the State of Oklahoma approved by the Oklahoma State Regents for Higher Education.

**4. Exclusions**

- a. Courses used to satisfy the General Education English Composition, U.S. History, American Government, and Mathematics or Statistics requirements will not count toward the 54-hour maximum allowed from one department.
- b. Courses with ATHL or LEIS prefixes and leisure activity courses may not be used for degree credit.

**Additional State/OSU Requirements**

- At least: 60 hours at a four-year institution; 30 hours completed at OSU; 15 of the final 30 or 50% of the upper-division hours in the major field completed at OSU.
- Limit of: one-half of major course requirements as transfer work; one-fourth of hours earned by correspondence; 8 transfer correspondence hours.
- Students will be held responsible for degree requirements in effect at the time of matriculation and any changes that are made, so long as these changes do not result in semester credit hours being added or do not delay graduation.
- Degrees that follow this plan must be completed by the end of Summer 2028.

**Example Plan of Study**

**Finish in Four Plan of Study**

The plan below is an **example** of how students can successfully complete degree requirements in four years. This suggested class schedule plan may be used as a guide and can be adjusted based on individual needs. Students are required to meet with an academic advisor prior to enrollment each semester to plan their class schedule, and students are ultimately responsible for completing all degree requirements.

Course	Title	Hours
<b>Freshman</b>		
<b>Fall</b>		
GEOG 1114	Physical Geography (LN)	4
GEOG 1113 or GEOG 1713	Introduction to Cultural Geography (IS) or Regions & Nations in Global Context (IS)	3
1713 First Semester Foreign Language		3
General Education courses		4
<b>Hours</b>		<b>14</b>
<b>Spring</b>		
STAT 2013 or STAT 2053	Elementary Statistics (A) or Elementary Statistics for the Social Sciences (A)	3
GEOG 2344	Digital Tools for Environmental Problem-Solving (LN)	4
1813 Second Semester Foreign Language		3
General Education courses		6
<b>Hours</b>		<b>16</b>
<b>Sophomore</b>		
<b>Fall</b>		
2000-level Foreign Language		3
College and Elective courses		12
<b>Hours</b>		<b>15</b>
<b>Spring</b>		
GEOG 4203	Fundamentals of Geographic Information Systems	3

Major, College, and Elective courses		12
	<b>Hours</b>	<b>15</b>
<b>Junior</b>		
<b>Fall</b>		
Major, College, and Elective courses		15
	<b>Hours</b>	<b>15</b>
<b>Spring</b>		
GEOG 4323	Mapping in Modern Society	3
Major, College, and Elective courses		12
	<b>Hours</b>	<b>15</b>
<b>Senior</b>		
<b>Fall</b>		
GEOG 4313	Field Techniques and Geodata Collection	3
Major, College, and Elective courses		12
	<b>Hours</b>	<b>15</b>
<b>Spring</b>		
GEOG 4510 or GEOG 4993	Senior Project or Senior Honors Thesis	3
Major, College, and Elective courses		12
	<b>Hours</b>	<b>15</b>
	<b>Total Hours</b>	<b>120</b>



# Geography: Business Essentials, BS

## Degree Requirements

**Requirements for Students Matriculating in or before Academic Year 2022-2023.** Learn more about University Academic Regulation 3.1 (p. 943).

**Minimum Overall Grade Point Average:** 2.00

**Total Hours:** 120

Code	Title	Hours
<b>General Education Requirements</b>		
<i>English Composition</i>		
See Academic Regulation 3.5 (p. 944)		
ENGL 1113	Composition I	3
or ENGL 1313	Critical Analysis and Writing I	
Select one of the following:		3
ENGL 1213	Composition II	
ENGL 1413	Critical Analysis and Writing II	
ENGL 3323	Technical Writing	
<i>American History &amp; Government</i>		
HIST 1103	Survey of American History	3
or HIST 1483	American History to 1865 (H)	
or HIST 1493	American History Since 1865 (DH)	
POLS 1113	American Government	3
<i>Analytical &amp; Quantitative Thought (A)</i>		
Select one of the following:		3
STAT 2013	Elementary Statistics (A)	
STAT 2023	Elementary Statistics for Business and Economics (A)	
STAT 2053	Elementary Statistics for the Social Sciences (A)	
<i>Humanities (H)</i>		
Courses designated (H)		6
<i>Natural Sciences (N)</i>		
Must include one Laboratory Science (L) course.		
GEOG 1114	Physical Geography (LN)	4
2 hours designated (N)		2
<i>Social &amp; Behavioral Sciences (S)</i>		
Course designated (S)		3
<i>Additional General Education</i>		
Courses designated (A), (H), (N) or (S)		10
<b>Hours Subtotal</b>		<b>40</b>
<b>Diversity (D) &amp; International Dimension (I)</b>		
May be completed in any part of the degree plan.		
At least one Diversity (D) course.		
At least one International Dimension (I) course.		
<b>College/Departmental Requirements</b>		
<i>First Year Seminar</i>		
(Transfer students with 15 hours exempt.)		1
<i>Arts &amp; Humanities</i>		
(See note 2.a.)		3
<i>Natural &amp; Mathematical Sciences</i>		

(See note 2.b.)		9
<i>Foreign Languages</i>		
0-6 hours		
(See note 3.)		
<i>Upper-Division General Education</i>		
6 hours outside major department		
(See note 2.c.)		
<b>Hours Subtotal</b>		<b>13</b>
<b>Major Requirements</b>		
Minimum GPA 2.50.		
<i>Core</i>		
GEOG 1113	Introduction to Cultural Geography (IS)	3
or GEOG 1713	Regions & Nations in Global Context (IS)	
GEOG 3333	Spatial Analysis (A)	3
GEOG 4203	Fundamentals of Geographic Information Systems	3
GEOG 4313	Field Techniques and Geodata Collection	3
GEOG 4323	Mapping in Modern Society	3
Select one of the following:		3
GEOG 4333	Remote Sensing	
GEOG 4343	Geographic Information Systems: Resource Management Applications	
GEOG 4353	Geographic Information Systems: Socioeconomic Applications	
<i>Additional GEOG courses</i>		
Select 21 hours (18 hours must be upper-division)		21
<i>Business Essentials</i>		
ACCT 2003	Survey of Accounting	3
MGMT 3013	Fundamentals of Management (S)	3
MKTG 3213	Marketing (S)	3
3 hours from:		3
ECON 2003	Microeconomic Principles for Business	
EEE 2023	Introduction to Entrepreneurship	
LSB 3213	Legal and Regulatory Environment of Business	
MSIS 2103	Business Data Science Technologies	
<b>Hours Subtotal</b>		<b>51</b>
<b>Electives</b>		
16 hours of Electives		16
May need to include 6 hours of a foreign language (see note 3.).		
May need to include 6 hours upper-division general education outside major department (see note 2.c.) and 1 additional upper-division hour.		
MATH 1483 or MATH 1513 required for students who do not place directly into STAT.		
<b>Hours Subtotal</b>		<b>16</b>
<b>Total Hours</b>		<b>120</b>

## Other Requirements

- See the College of Arts and Sciences Requirements.
- Minimum GPA 2.00 in all GEOG courses.
- **Upper-Division Credit:** Total hours must include at least 40 hours in courses numbered 3000 or above.

- **Hours in One Department:** For B.A. and B.S. degrees, no more than 54 hours in one department may be applied to degree requirements.

## College of Arts and Sciences Requirements

### 1. General Education Requirements

No more than two courses (or eight hours) from the major department (<http://catalog.okstate.edu/college-arts-sciences-major-departments/>) may be used to meet General Education and College and Departmental Requirements. The General Education required English Composition, required U.S. History, required American Government, one required MATH or STAT course, and required foreign language for B.A. degrees do not count against the two-course maximum.

### 2. A&S College/Departmental Requirements

- Arts and Humanities are defined as any course carrying an (H) designation or courses from AMST, ART, DANC, ENGL (except ENGL 3323 Technical Writing) HIST, MUSI, PHIL (except PHIL 1313 Logic and Critical Thinking (A), PHIL 3003 Symbolic Logic (A) and PHIL 4003 Mathematical Logic and Computability), REL, TH, and foreign languages.
- Natural and Mathematical Sciences are defined as any course from the following prefixes: ASTR, BIOC, BIOL, CHEM, CS (except CS 4883 Social Issues in Computing), GEOL, MATH, MICR, PBIO, PHYS, and STAT; or courses from other departments that carry an (A) or (N) general education designation.
- The required six hours of upper-division General Education may not include courses from the student's major department. This requirement may be satisfied by courses also used to satisfy any part of a student's degree program (i.e., in General Education, College Departmental Requirements, Major Requirements or Electives).
- Non-Western Studies Requirement for B.A. and B.F.A.; One 3-hour course in Non-Western Studies (N.W.). This requirement may be satisfied by courses also used to satisfy any part of a student's degree program (i.e., in General Education, College Departmental Requirements, Major Requirements or Electives).
- The College of Arts & Sciences requires a minimum 2.0 GPA in all major requirements and a minimum 2.0 GPA in all major-prefix courses applied to the degree.

### 3. Foreign Language Proficiency

- The foreign language requirement for the B.A. may be satisfied by 9 hours college credit in the same language, which must include 3 hours at the 2000-level, or equivalent proficiency (e.g., passing an advanced standing examination; TOEFL exam; presenting a high school transcript which demonstrates the high school was primarily conducted in a language other than English; etc.). Computer Science courses may not be used to satisfy this requirement. Currently Arabic and Mvskoke are not offered at the 2000-level at OSU.
- The foreign language requirement for the B.S., B.M. and B.F.A. may be satisfied by presenting a high school transcript which demonstrates two years of study of a single foreign language (passing grades at second-year level of study). It may also be satisfied by 6 hours college credit in the same language, which must include language courses 1713 and 1813, or equivalent proficiency (e.g., passing an advanced standing examination; TOEFL exam; presenting a high school transcript which demonstrates the high school was primarily conducted in

a language other than English; etc.). Computer Science courses may not be used to satisfy this requirement.

- In addition to a. and b., students pursuing teacher certification must meet novice-high foreign language proficiency by presenting a high school transcript which demonstrates two years of study of a single foreign language with no grade below B. Or, students may complete 3 hours college credit in a single language with no grade below C (or pass an advanced standing examination, College Level Examination Program (CLEP) exam, or Oral Proficiency Interview developed by the American Council on the Teaching of Foreign Languages, equivalent to 3 hours of college credit.) Or, students may meet the requirement by transfer of documentation of meeting the foreign language competency from one of the teacher education programs in the State of Oklahoma approved by the Oklahoma State Regents for Higher Education.

### 4. Exclusions

- Courses used to satisfy the General Education English Composition, U.S. History, American Government, and Mathematics or Statistics requirements will not count toward the 54-hour maximum allowed from one department.
- Courses with ATHL or LEIS prefixes and leisure activity courses may not be used for degree credit.

## Additional State/OSU Requirements

- At least: 60 hours at a four-year institution; 30 hours completed at OSU; 15 of the final 30 or 50% of the upper-division hours in the major field completed at OSU.
- Limit of: one-half of major course requirements as transfer work; one-fourth of hours earned by correspondence; 8 transfer correspondence hours.
- Students will be held responsible for degree requirements in effect at the time of matriculation and any changes that are made, so long as these changes do not result in semester credit hours being added or do not delay graduation.
- Degrees that follow this plan must be completed by the end of Summer 2028.

## Example Plan of Study

### Finish in Four Plan of Study

The plan below is an **example** of how students can successfully complete degree requirements in four years. This suggested class schedule plan may be used as a guide and can be adjusted based on individual needs. Students are required to meet with an academic advisor prior to enrollment each semester to plan their class schedule, and students are ultimately responsible for completing all degree requirements.

Course	Title	Hours
<b>Freshman</b>		
<b>Fall</b>		
MATH 1483 or MATH 1513	Mathematical Functions and Their Uses (A) or College Algebra (A)	3
GEOG 1114	Physical Geography (LN)	4
GEOG 1113 or GEOG 1713	Introduction to Cultural Geography (IS) or Regions & Nations in Global Context (IS)	3
General Education courses		4
		<b>Hours</b>
		<b>14</b>
<b>Spring</b>		
STAT 2013 or STAT 2053	Elementary Statistics (A) or Elementary Statistics for the Social Sciences (A)	3

1202 Geography: Business Essentials, BS

GEOG 2344	Digital Tools for Environmental Problem-Solving (LN)	4
General Education courses		9
<b>Hours</b>		<b>16</b>
<b>Sophomore</b>		
<b>Fall</b>		
GEOG 3333	Spatial Analysis (A)	3
General Education courses		12
<b>Hours</b>		<b>15</b>
<b>Spring</b>		
GEOG 4203	Fundamentals of Geographic Information Systems	3
Major, College, and Elective courses		12
<b>Hours</b>		<b>15</b>
<b>Junior</b>		
<b>Fall</b>		
GEOG 4333 or GEOG 4343 or GEOG 4353	Remote Sensing or Geographic Information Systems: Resource Management Applications or Geographic Information Systems: Socioeconomic Applications	3
Major, College, and Elective courses		12
<b>Hours</b>		<b>15</b>
<b>Spring</b>		
GEOG 4323	Mapping in Modern Society	3
Major, College, and Elective courses		12
<b>Hours</b>		<b>15</b>
<b>Senior</b>		
<b>Fall</b>		
GEOG 4313	Field Techniques and Geodata Collection	3
Major, College, and Elective courses		12
<b>Hours</b>		<b>15</b>
<b>Spring</b>		
GEOG 4510 or GEOG 4993	Senior Project or Senior Honors Thesis	3
Major, College, and Elective courses		12
<b>Hours</b>		<b>15</b>
<b>Total Hours</b>		<b>120</b>

## Geography: Pre-Law, BA

### Degree Requirements

**Requirements for Students Matriculating in or before Academic Year 2022-2023.** Learn more about University Academic Regulation 3.1 (p. 943).

**Minimum Overall Grade Point Average:** 2.00

**Total Hours:** 120

Code	Title	Hours
<b>General Education Requirements</b>		
<i>English Composition</i>		
See Academic Regulation 3.5 (p. 944)		
ENGL 1113	Composition I	3
or ENGL 1313	Critical Analysis and Writing I	
Select one of the following:		3
ENGL 1213	Composition II	
ENGL 1413	Critical Analysis and Writing II	
ENGL 3323	Technical Writing	
<i>American History &amp; Government</i>		
HIST 1103	Survey of American History	3
or HIST 1483	American History to 1865 (H)	
or HIST 1493	American History Since 1865 (DH)	
POLS 1113	American Government	3
<i>Analytical &amp; Quantitative Thought</i>		
Select one of the following:		3
STAT 2013	Elementary Statistics (A)	
STAT 2023	Elementary Statistics for Business and Economics (A)	
STAT 2053	Elementary Statistics for the Social Sciences (A)	
<i>Humanities (H)</i>		
Courses designated (H)		6
<i>Natural Sciences (N)</i>		
Must include one Laboratory Science (L) course.		
GEOG 1114	Physical Geography (LN) <sup>1</sup>	4
2 hours designated (N)		2
<i>Social &amp; Behavioral Sciences (S)</i>		
Course designated (S)		3
<i>Additional General Education</i>		
Courses designated (A), (H), (N), or (S)		10
<b>Hours Subtotal</b>		<b>40</b>
<b>Diversity (D) &amp; International Dimension (I)</b>		
May be completed in any part of the degree plan.		
At least one Diversity (D) course:		
At least one International Dimension (I) course:		
<b>College/Departmental Requirements</b>		
<i>First Year Seminar</i>		
(Transfer students with 15 hours exempt)		1
<i>Arts &amp; Humanities</i>		
(See note 2.a.)		9
<i>Natural &amp; Mathematical Sciences</i>		

PHIL 1313	Logic and Critical Thinking (A)	3
(See note 2.b.)		
<i>Foreign Language</i>		
(See note 3.)		9
<i>Non-Western Studies</i>		
At least one course		
(See note 2.d.)		
<i>Upper-Division General Education</i>		
6 hours outside major department		
(See note 2.c.)		
<b>Hours Subtotal</b>		<b>22</b>
<b>Major Requirements</b>		
Minimum GPA 2.50.		
<i>Core Courses</i>		
GEOG 1113	Introduction to Cultural Geography (IS)	3
or GEOG 1713	Regions & Nations in Global Context (IS)	
GEOG 3213	Geographies of New Media (H)	3
or GEOG 3713	Exploring North America and Diversity (DS)	
GEOG 4203	Fundamentals of Geographic Information Systems	3
GEOG 4313	Field Techniques and Geodata Collection	3
<i>Additional GEOG courses</i>		
Select 18 hours (15 must be upper-division)		18
<i>Law-related courses</i>		
Select 15 hours from the following or at the discretion of the advisor.		15
AGEC 3713	Agricultural Law	
AMIS 4013	American Indian Sovereignty (D)	
AMST 3333	Crime, Law and American Culture (S)	
ENGL 3323	Technical Writing	
LSB 3213	Legal and Regulatory Environment of Business	
LSB 4633	Legal Aspects of International Business Transactions (I)	
PHIL 3843	Philosophy of Law (H)	
POLS 3033	International Law	
POLS 3983	Courts and Judicial Process (S)	
POLS 3993	Legal Research And Analysis	
POLS 4363	Environmental Law And Policy	
PSYC 4143	Psychology and Law	
SOC 4033	Comparative Perspectives of Criminal Justice Systems (IS)	
SOC 4103	The Death Penalty in America (S)	
SOC 4313	Sociology of Law	
SPCH 3733	Elements of Persuasion (S)	

**Hours Subtotal** **45**

**Electives** **13**

May need to include 6 hours upper-division general education outside major department (see note 2.c.) and 1 additional upper-division hour.

MATH 1483 or MATH 1513 required for students who do not place directly into STAT.

<b>Hours Subtotal</b>	<b>13</b>
<b>Total Hours</b>	<b>120</b>

1

College and Departmental Requirements that may be used to meet General Education Requirements

## Other Requirements

- See the College of Arts and Sciences Requirements.
- Minimum GPA 2.00 in all GEOG courses.
- **Upper-Division Credit:** Total hours must include at least 40 hours in courses numbered 3000 or above.
- **Hours in One Department:** For B.A. and B.S. degrees, no more than 54 hours in one department may be applied to degree requirements.

## College of Arts and Sciences Requirements

### 1. General Education Requirements

No more than two courses (or eight hours) from the major department (<http://catalog.okstate.edu/college-arts-sciences-major-departments/>) may be used to meet General Education and College and Departmental Requirements. The General Education required English Composition, required U.S. History, required American Government, one required MATH or STAT course, and required foreign language for B.A. degrees do not count against the two-course maximum.

### 2. A&S College/Departmental Requirements

- Arts and Humanities are defined as any course carrying an (H) designation or courses from AMST, ART, DANC, ENGL (except ENGL 3323 Technical Writing) HIST, MUSI, PHIL (except PHIL 1313 Logic and Critical Thinking (A), PHIL 3003 Symbolic Logic (A) and PHIL 4003 Mathematical Logic and Computability), REL, TH, and foreign languages.
- Natural and Mathematical Sciences are defined as any course from the following prefixes: ASTR, BIOC, BIOL, CHEM, CS (except CS 4883 Social Issues in Computing), GEOL, MATH, MICR, PBIO, PHYS, and STAT; or courses from other departments that carry an (A) or (N) general education designation.
- The required six hours of upper-division General Education may not include courses from the student's major department. This requirement may be satisfied by courses also used to satisfy any part of a student's degree program (i.e., in General Education, College Departmental Requirements, Major Requirements or Electives).
- Non-Western Studies Requirement for B.A. and B.F.A.; One 3-hour course in Non-Western Studies (N.W.). This requirement may be satisfied by courses also used to satisfy any part of a student's degree program (i.e., in General Education, College Departmental Requirements, Major Requirements or Electives).
- The College of Arts & Sciences requires a minimum 2.0 GPA in all major requirements and a minimum 2.0 GPA in all major-prefix courses applied to the degree.

### 3. Foreign Language Proficiency

- The foreign language requirement for the B.A. may be satisfied by 9 hours college credit in the same language, which must include 3 hours at the 2000-level, or equivalent proficiency (e.g., passing an advanced standing examination; TOEFL exam; presenting a high school transcript which demonstrates the high school

was primarily conducted in a language other than English; etc.). Computer Science courses may not be used to satisfy this requirement. Currently Arabic and Mvskoke are not offered at the 2000-level at OSU.

- The foreign language requirement for the B.S., B.M. and B.F.A. may be satisfied by presenting a high school transcript which demonstrates two years of study of a single foreign language (passing grades at second-year level of study). It may also be satisfied by 6 hours college credit in the same language, which must include language courses 1713 and 1813, or equivalent proficiency (e.g., passing an advanced standing examination; TOEFL exam; presenting a high school transcript which demonstrates the high school was primarily conducted in a language other than English; etc.). Computer Science courses may not be used to satisfy this requirement.
  - In addition to a. and b., students pursuing teacher certification must meet novice-high foreign language proficiency by presenting a high school transcript which demonstrates two years of study of a single foreign language with no grade below B. Or, students may complete 3 hours college credit in a single language with no grade below C (or pass an advanced standing examination, College Level Examination Program (CLEP) exam, or Oral Proficiency Interview developed by the American Council on the Teaching of Foreign Languages, equivalent to 3 hours of college credit.) Or, students may meet the requirement by transfer of documentation of meeting the foreign language competency from one of the teacher education programs in the State of Oklahoma approved by the Oklahoma State Regents for Higher Education.
- ### 4. Exclusions
- Courses used to satisfy the General Education English Composition, U.S. History, American Government, and Mathematics or Statistics requirements will not count toward the 54-hour maximum allowed from one department.
  - Courses with ATHL or LEIS prefixes and leisure activity courses may not be used for degree credit.

## Additional State/OSU Requirements

- At least: 60 hours at a four-year institution; 30 hours completed at OSU; 15 of the final 30 or 50% of the upper-division hours in the major field completed at OSU.
- Limit of: one-half of major course requirements as transfer work; one-fourth of hours earned by correspondence; 8 transfer correspondence hours.
- Students will be held responsible for degree requirements in effect at the time of matriculation and any changes that are made, so long as these changes do not result in semester credit hours being added or do not delay graduation.
- Degrees that follow this plan must be completed by the end of Summer 2028.

## Example Plan of Study

### Finish in Four Plan of Study

The plan below is an **example** of how students can successfully complete degree requirements in four years. This suggested class schedule plan may be used as a guide and can be adjusted based on individual needs. Students are required to meet with an academic advisor prior to

enrollment each semester to plan their class schedule, and students are ultimately responsible for completing all degree requirements.

Course	Title	Hours
<b>Freshman</b>		
<b>Fall</b>		
GEOG 1114	Physical Geography (LN)	4
GEOG 1113 or GEOG 1713	Introduction to Cultural Geography (IS) or Regions & Nations in Global Context (IS)	3
1713 First Semester Foreign Language		3
General Education courses		4
<b>Hours</b>		<b>14</b>
<b>Spring</b>		
STAT 2013 or STAT 2053	Elementary Statistics (A) or Elementary Statistics for the Social Sciences (A)	3
GEOG 2344	Digital Tools for Environmental Problem-Solving (LN)	4
1813 Second Semester Foreign Language		3
General Education courses		6
<b>Hours</b>		<b>16</b>
<b>Sophomore</b>		
<b>Fall</b>		
PHIL 1313	Logic and Critical Thinking (A)	3
2000-level Foreign Language		3
College and Elective courses		9
<b>Hours</b>		<b>15</b>
<b>Spring</b>		
GEOG 4203	Fundamentals of Geographic Information Systems	3
Major, College, and Elective courses		12
<b>Hours</b>		<b>15</b>
<b>Junior</b>		
<b>Fall</b>		
Major, College, and Elective courses		15
<b>Hours</b>		<b>15</b>
<b>Spring</b>		
GEOG 4323	Mapping in Modern Society	3
Major, College, and Elective courses		12
<b>Hours</b>		<b>15</b>
<b>Senior</b>		
<b>Fall</b>		
GEOG 4313	Field Techniques and Geodata Collection	3
Major, College, and Elective courses		12
<b>Hours</b>		<b>15</b>
<b>Spring</b>		
GEOG 4510 or GEOG 4993	Senior Project or Senior Honors Thesis	3
Major, College, and Elective courses		12
<b>Hours</b>		<b>15</b>
<b>Total Hours</b>		<b>120</b>



## Geography: Pre-Ministry, BA

### Degree Requirements

**Requirements for Students Matriculating in or before Academic Year 2022-2023.** Learn more about University Academic Regulation 3.1 (p. 943).

**Minimum Overall Grade Point Average:** 2.00

**Total Hours:** 120

Code	Title	Hours
<b>General Education Requirements</b>		
<i>English Composition</i>		
See Academic Regulation 3.5 (p. 944)		
ENGL 1113 or ENGL 1313	Composition I Critical Analysis and Writing I	3
Select one of the following:		3
ENGL 1213	Composition II	
ENGL 1413	Critical Analysis and Writing II	
ENGL 3323	Technical Writing	
<i>American History &amp; Government</i>		
HIST 1103 or HIST 1483 or HIST 1493	Survey of American History American History to 1865 (H) American History Since 1865 (DH)	3
POLS 1113	American Government	3
<i>Analytical &amp; Quantitative Thought (A)</i>		
Select one of the following:		3
STAT 2013	Elementary Statistics (A)	
STAT 2023	Elementary Statistics for Business and Economics (A)	
STAT 2053	Elementary Statistics for the Social Sciences (A)	
<i>Humanities (H)</i>		
Courses designated (H)		6
<i>Natural Sciences (N)</i>		
Must include one Laboratory Science (L) course.		
GEOG 1114	Physical Geography (LN)	4
2 hours designated (N)		2
<i>Social &amp; Behavioral Sciences (S)</i>		
Course designated (S)		3
<i>Additional General Education</i>		
Courses designated (A), (H), (N), or (S)		10
<b>Hours Subtotal</b>		<b>40</b>
<b>Diversity (D) &amp; International Dimension (I)</b>		
May be completed in any part of the degree plan.		
At least one Diversity (D) course.		
At least one International Dimension (I) course.		
<b>College/Departmental Requirements</b>		
<i>First Year Seminar</i>		
(Transfer students with 15 hours exempt.)		1
<i>Arts &amp; Humanities</i>		
(See note 2.a.)		9
<i>Natural &amp; Mathematical Sciences</i>		

(See note 2.b.)		3
<i>Foreign Language</i>		
(See note 3.)		9
<i>Non-Western Studies</i>		
At least one course.		
(See note 2.d.)		
<i>Upper-Division General Education</i>		
6 hours outside major department		
(See note 2.c.)		
<b>Hours Subtotal</b>		<b>22</b>
<b>Major Requirements</b>		
Minimum GPA 2.50.		
<i>Core</i>		
GEOG 1113 or GEOG 1713	Introduction to Cultural Geography (IS) Regions & Nations in Global Context (IS)	3
GEOG 3213 or GEOG 3713	Geographies of New Media (H) Exploring North America and Diversity (DS)	3
GEOG 4203	Fundamentals of Geographic Information Systems	3
GEOG 4313	Field Techniques and Geodata Collection	3
<i>Additional GEOG courses</i>		
Select 18 hours (15 hours must be upper-division)		18
<i>Pre-Ministry Preparation</i>		
Select 15 hours from the following:		
Select 9 hours upper-division REL courses, with at least 3 hours with non-Western emphasis		9
Select 6 hours upper-division (non-GEOG) Culture and Society courses from the following or at the discretion of the advisor:		6
AMST 3253	Globalization and American Culture (H)	
AMST 3473	Race, Gender, and Ethnicity in American Film (D)	
CPSY 3003	Introduction to Counseling and Related Professions	
HIST 3363	Popular Religion in the West, 1300-1700 (H)	
HIST 3583	Minorities and Diversity in the Middle East (H)	
HIST 3953	Religion in Modern Europe	
PHIL 3613	Philosophy of Religion (H)	
SOC 3133	Racial and Ethnic Relations (DS)	
SOC 4043	Gender and Work (DS)	
SOC 4533	World Population Problems	
SOC 4653	Gender and the Middle East (IS)	
SOC 4383	Social Stratification (S)	
SOC 4723	Sociology of Families (S)	
<b>Hours Subtotal</b>		<b>45</b>
<b>Electives</b>		
13 hours of Electives		13
May need to include 6 hours upper-division general education outside major department (see note 2.c.) and 1 additional upper-division hour.		
MATH 1483 or MATH 1513 required for students who do not place directly into STAT.		

Hours Subtotal	13
Total Hours	120

## Other Requirements

- See the College of Arts and Sciences Requirements.
- Minimum GPA 2.00 in all GEOG courses.
- **Upper-Division Credit:** Total hours must include at least 40 hours in courses numbered 3000 or above.
- **Hours in One Department:** For B.A. and B.S. degrees, no more than 54 hours in one department may be applied to degree requirements.

## College of Arts and Sciences Requirements

### 1. General Education Requirements

No more than two courses (or eight hours) from the major department (<http://catalog.okstate.edu/college-arts-sciences-major-departments/>) may be used to meet General Education and College and Departmental Requirements. The General Education required English Composition, required U.S. History, required American Government, one required MATH or STAT course, and required foreign language for B.A. degrees do not count against the two-course maximum.

### 2. A&S College/Departmental Requirements

- Arts and Humanities are defined as any course carrying an (H) designation or courses from AMST, ART, DANC, ENGL (except ENGL 3323 Technical Writing) HIST, MUSI, PHIL (except PHIL 1313 Logic and Critical Thinking (A), PHIL 3003 Symbolic Logic (A) and PHIL 4003 Mathematical Logic and Computability), REL, TH, and foreign languages.
- Natural and Mathematical Sciences are defined as any course from the following prefixes: ASTR, BIOC, BIOL, CHEM, CS (except CS 4883 Social Issues in Computing), GEOL, MATH, MICR, PBIO, PHYS, and STAT; or courses from other departments that carry an (A) or (N) general education designation.
- The required six hours of upper-division General Education may not include courses from the student's major department. This requirement may be satisfied by courses also used to satisfy any part of a student's degree program (i.e., in General Education, College Departmental Requirements, Major Requirements or Electives).
- Non-Western Studies Requirement for B.A. and B.F.A.; One 3-hour course in Non-Western Studies (N.W.). This requirement may be satisfied by courses also used to satisfy any part of a student's degree program (i.e., in General Education, College Departmental Requirements, Major Requirements or Electives).
- The College of Arts & Sciences requires a minimum 2.0 GPA in all major requirements and a minimum 2.0 GPA in all major-prefix courses applied to the degree.

### 3. Foreign Language Proficiency

- The foreign language requirement for the B.A. may be satisfied by 9 hours college credit in the same language, which must include 3 hours at the 2000-level, or equivalent proficiency (e.g., passing an advanced standing examination; TOEFL exam; presenting a high school transcript which demonstrates the high school was primarily conducted in a language other than English; etc.). Computer Science courses may not be used to satisfy this requirement. Currently Arabic and Mvskoke are not offered at the 2000-level at OSU.

- The foreign language requirement for the B.S., B.M. and B.F.A. may be satisfied by presenting a high school transcript which demonstrates two years of study of a single foreign language (passing grades at second-year level of study). It may also be satisfied by 6 hours college credit in the same language, which must include language courses 1713 and 1813, or equivalent proficiency (e.g., passing an advanced standing examination; TOEFL exam; presenting a high school transcript which demonstrates the high school was primarily conducted in a language other than English; etc.). Computer Science courses may not be used to satisfy this requirement.
- In addition to a. and b., students pursuing teacher certification must meet novice-high foreign language proficiency by presenting a high school transcript which demonstrates two years of study of a single foreign language with no grade below B. Or, students may complete 3 hours college credit in a single language with no grade below C (or pass an advanced standing examination, College Level Examination Program (CLEP) exam, or Oral Proficiency Interview developed by the American Council on the Teaching of Foreign Languages, equivalent to 3 hours of college credit.) Or, students may meet the requirement by transfer of documentation of meeting the foreign language competency from one of the teacher education programs in the State of Oklahoma approved by the Oklahoma State Regents for Higher Education.

### 4. Exclusions

- Courses used to satisfy the General Education English Composition, U.S. History, American Government, and Mathematics or Statistics requirements will not count toward the 54-hour maximum allowed from one department.
- Courses with ATHL or LEIS prefixes and leisure activity courses may not be used for degree credit.

## Additional State/OSU Requirements

- At least: 60 hours at a four-year institution; 30 hours completed at OSU; 15 of the final 30 or 50% of the upper-division hours in the major field completed at OSU.
- Limit of: one-half of major course requirements as transfer work; one-fourth of hours earned by correspondence; 8 transfer correspondence hours.
- Students will be held responsible for degree requirements in effect at the time of matriculation and any changes that are made, so long as these changes do not result in semester credit hours being added or do not delay graduation.
- Degrees that follow this plan must be completed by the end of Summer 2028.

## Example Plan of Study

### Finish in Four Plan of Study

The plan below is an **example** of how students can successfully complete degree requirements in four years. This suggested class schedule plan may be used as a guide and can be adjusted based on individual needs. Students are required to meet with an academic advisor prior to enrollment each semester to plan their class schedule, and students are ultimately responsible for completing all degree requirements.

Course	Title	Hours
<b>Freshman</b>		
<b>Fall</b>		
GEOG 1114	Physical Geography (LN)	4
GEOG 1113 or GEOG 1713	Introduction to Cultural Geography (IS) or Regions & Nations in Global Context (IS)	3
1713 First Semester Foreign Language		3
General Education courses		4
<b>Hours</b>		<b>14</b>
<b>Spring</b>		
STAT 2013 or STAT 2053	Elementary Statistics (A) or Elementary Statistics for the Social Sciences (A)	3
GEOG 2344	Digital Tools for Environmental Problem-Solving (LN)	4
1813 Second Semester Foreign Language		3
General Education courses		6
<b>Hours</b>		<b>16</b>
<b>Sophomore</b>		
<b>Fall</b>		
2000-level Foreign Language		3
College and Elective courses		12
<b>Hours</b>		<b>15</b>
<b>Spring</b>		
GEOG 4203	Fundamentals of Geographic Information Systems	3
Major, College, and Elective courses		12
<b>Hours</b>		<b>15</b>
<b>Junior</b>		
<b>Fall</b>		
Major, College, and Elective courses		15
<b>Hours</b>		<b>15</b>
<b>Spring</b>		
GEOG 4323	Mapping in Modern Society	3
Major, College, and Elective courses		12
<b>Hours</b>		<b>15</b>
<b>Senior</b>		
<b>Fall</b>		
GEOG 4313	Field Techniques and Geodata Collection	3
Major, College, and Elective courses		12
<b>Hours</b>		<b>15</b>
<b>Spring</b>		
GEOG 4510 or GEOG 4993	Senior Project or Senior Honors Thesis	3
Major, College, and Elective courses		12
<b>Hours</b>		<b>15</b>
<b>Total Hours</b>		<b>120</b>

# Geospatial Information Science, BS

## Degree Requirements

**Requirements for Students Matriculating in or before Academic Year 2022-2023.** Learn more about University Academic Regulation 3.1 (p. 943).

**Minimum Overall Grade Point Average:** 2.00

**Total Hours:** 120

Code	Title	Hours
<b>General Education Requirements</b>		
<i>English Composition</i>		
See Academic Regulation 3.5 (p. 944)		
ENGL 1113	Composition I	3
or ENGL 1313	Critical Analysis and Writing I	
Select one of the following:		3
ENGL 1213	Composition II	
ENGL 1413	Critical Analysis and Writing II	
ENGL 3323	Technical Writing	
<i>American History &amp; Government</i>		
HIST 1103	Survey of American History	3
or HIST 1483	American History to 1865 (H)	
or HIST 1493	American History Since 1865 (DH)	
POLS 1113	American Government	3
<i>Analytical &amp; Quantitative Thought (A)</i>		
MATH 2144	Calculus I (A) <sup>1</sup>	4
<i>Humanities (H)</i>		
Courses designated (H)		6
<i>Natural Sciences (N)</i>		
Must include one Laboratory Science (L) course		
GEOG 1114	Physical Geography (LN) <sup>1</sup>	4
2 hours designated (N)		2
<i>Social &amp; Behavioral Sciences (S)</i>		
Course designated (S)		3
<i>Additional General Education</i>		
Courses designated (A), (H), (N), or (S)		9
<b>Hours Subtotal</b>		<b>40</b>
<b>Diversity (D) &amp; International Dimension (I)</b>		
May be completed in any part of the degree plan		
Select at least one Diversity (D) course		
Select at least one International Dimension (I) course		
<b>College/Departmental Requirements</b>		
<i>First Year Seminar</i>		
(Transfer students with 15 hours exempt)		1
<i>Arts &amp; Humanities</i>		
See note 2.a.		3
<i>Natural &amp; Mathematical Sciences</i>		
CS 1113	Computer Science I (A)	3
Select 6 additional hours		6
See note 2.b.		
<i>Foreign Language</i>		
See note 3		

0-6 hours		
<i>Upper-Division General Education</i>		
Select 6 hours outside major department		
See note 2.c.		
<b>Hours Subtotal</b>		<b>13</b>
<b>Major Requirements</b>		
Minimum GPA 2.50.		
<i>Core courses</i>		
GEOG 2344	Digital Tools for Environmental Problem-Solving (LN)	4
GEOG 3333	Spatial Analysis (A)	3
GEOG 4203	Fundamentals of Geographic Information Systems	3
GEOG 4323	Mapping in Modern Society	3
GEOG 4333	Remote Sensing	3
GEOG 4343	Geographic Information Systems: Resource Management Applications	3
GEOG 4353	Geographic Information Systems: Socioeconomic Applications	3
GEOG 4383	Introduction to GIS Programming	3
GEOG 4943	Geospatial Information Science Internship/Research Capstone	3
CS 2133	Computer Science II	3
Select one of the following:		3
STAT 2013	Elementary Statistics (A)	
STAT 2023	Elementary Statistics for Business and Economics (A)	
STAT 2053	Elementary Statistics for the Social Sciences (A)	
Select 6 hours upper-division GEOG courses		6
Select 6 hours upper-division (non-GEOG) departmental approved related courses		6
<b>Hours Subtotal</b>		<b>46</b>
<b>Electives</b>		
Select 21 hours		21
May need to include 6 hours of a foreign language (see note 3)		
May need to include 6 hours upper-division general education outside major department (see note 2.c.) and 7 additional upper-division hours		
<b>Hours Subtotal</b>		<b>21</b>
<b>Total Hours</b>		<b>120</b>

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College and Departmental Requirements that may be used to meet General Education Requirements

## Other Requirements

- See the College of Arts and Sciences Requirements.
- Minimum GPA 2.00 in all GEOG courses.
- **Upper-Division Credit:** Total hours must include at least 40 hours in courses numbered 3000 or above.
- **Hours in One Department:** For B.A. and B.S. degrees, no more than 54 hours in one department may be applied to degree requirements.

## College of Arts and Sciences Requirements

### 1. General Education Requirements

No more than two courses (or eight hours) from the major department (<http://catalog.okstate.edu/college-arts-sciences-major-departments/>) may be used to meet General Education and College and Departmental Requirements. The General Education required English Composition, required U.S. History, required American Government, one required MATH or STAT course, and required foreign language for B.A. degrees do not count against the two-course maximum.

### 2. A&S College/Departmental Requirements

- Arts and Humanities are defined as any course carrying an (H) designation or courses from AMST, ART, DANC, ENGL (except ENGL 3323 Technical Writing) HIST, MUSI, PHIL (except PHIL 1313 Logic and Critical Thinking (A), PHIL 3003 Symbolic Logic (A) and PHIL 4003 Mathematical Logic and Computability), REL, TH, and foreign languages.
- Natural and Mathematical Sciences are defined as any course from the following prefixes: ASTR, BIOC, BIOL, CHEM, CS (except CS 4883 Social Issues in Computing), GEOL, MATH, MICR, PBIO, PHYS, and STAT; or courses from other departments that carry an (A) or (N) general education designation.
- The required six hours of upper-division General Education may not include courses from the student's major department. This requirement may be satisfied by courses also used to satisfy any part of a student's degree program (i.e., in General Education, College Departmental Requirements, Major Requirements or Electives).
- Non-Western Studies Requirement for B.A. and B.F.A.; One 3-hour course in Non-Western Studies (N.W.). This requirement may be satisfied by courses also used to satisfy any part of a student's degree program (i.e., in General Education, College Departmental Requirements, Major Requirements or Electives).
- The College of Arts & Sciences requires a minimum 2.0 GPA in all major requirements and a minimum 2.0 GPA in all major-prefix courses applied to the degree.

### 3. Foreign Language Proficiency

- The foreign language requirement for the B.A. may be satisfied by 9 hours college credit in the same language, which must include 3 hours at the 2000-level, or equivalent proficiency (e.g., passing an advanced standing examination; TOEFL exam; presenting a high school transcript which demonstrates the high school was primarily conducted in a language other than English; etc.). Computer Science courses may not be used to satisfy this requirement. Currently Arabic and Mvskoke are not offered at the 2000-level at OSU.
- The foreign language requirement for the B.S., B.M. and B.F.A. may be satisfied by presenting a high school transcript which demonstrates two years of study of a single foreign language (passing grades at second-year level of study). It may also be satisfied by 6 hours college credit in the same language, which must include language courses 1713 and 1813, or equivalent proficiency (e.g., passing an advanced standing examination; TOEFL exam; presenting a high school transcript which demonstrates the high school was primarily conducted in a language other than English; etc.). Computer Science courses may not be used to satisfy this requirement.

- In addition to a. and b., students pursuing teacher certification must meet novice-high foreign language proficiency by presenting a high school transcript which demonstrates two years of study of a single foreign language with no grade below B. Or, students may complete 3 hours college credit in a single language with no grade below C (or pass an advanced standing examination, College Level Examination Program (CLEP) exam, or Oral Proficiency Interview developed by the American Council on the Teaching of Foreign Languages, equivalent to 3 hours of college credit.) Or, students may meet the requirement by transfer of documentation of meeting the foreign language competency from one of the teacher education programs in the State of Oklahoma approved by the Oklahoma State Regents for Higher Education.

### 4. Exclusions

- Courses used to satisfy the General Education English Composition, U.S. History, American Government, and Mathematics or Statistics requirements will not count toward the 54-hour maximum allowed from one department.
- Courses with ATHL or LEIS prefixes and leisure activity courses may not be used for degree credit.

## Additional State/OSU Requirements

- At least: 60 hours at a four-year institution; 30 hours completed at OSU; 15 of the final 30 or 50% of the upper-division hours in the major field completed at OSU.
- Limit of: one-half of major course requirements as transfer work; one-fourth of hours earned by correspondence; 8 transfer correspondence hours.
- Students will be held responsible for degree requirements in effect at the time of matriculation and any changes that are made, so long as these changes do not result in semester credit hours being added or do not delay graduation.
- Degrees that follow this plan must be completed by the end of Summer 2028.

## Example Plan of Study

### Finish in Four Plan of Study

The plan below is an **example** of how students can successfully complete degree requirements in four years. This suggested class schedule plan may be used as a guide and can be adjusted based on individual needs. Students are required to meet with an academic advisor prior to enrollment each semester to plan their class schedule, and students are ultimately responsible for completing all degree requirements.

Course	Title	Hours
<b>Freshman</b>		
<b>Fall</b>		
MATH 2144	Calculus I (A)	4
GEOG 1114	Physical Geography (LN)	4
General Education Courses		6
		<b>Hours</b>
		<b>14</b>
<b>Spring</b>		
STAT 2013 or STAT 2053	Elementary Statistics (A) or Elementary Statistics for the Social Sciences (A)	3
GEOG 2344	Digital Tools for Environmental Problem-Solving (LN)	4
CS 1113	Computer Science I (A)	3
General Education Courses		6
		<b>Hours</b>
		<b>16</b>

**Sophomore****Fall**

GEOG 3333	Spatial Analysis (A)	3
College and Elective courses		9
CS 2133	Computer Science II	3
<b>Hours</b>		<b>15</b>

**Spring**

GEOG 4203	Fundamentals of Geographic Information Systems	3
Major, College, and Elective courses		12
<b>Hours</b>		<b>15</b>

**Junior****Fall**

GEOG 4333	Remote Sensing	3
GEOG 4383	Introduction to GIS Programming	3
Major, College, and Elective courses		9
<b>Hours</b>		<b>15</b>

**Spring**

GEOG 4323	Mapping in Modern Society	3
Major, College, and Elective courses		12
<b>Hours</b>		<b>15</b>

**Senior****Fall**

GEOG 4343	Geographic Information Systems: Resource Management Applications	3
GEOG 4353	Geographic Information Systems: Socioeconomic Applications	3
GEOG 4943	Geospatial Information Science Internship/Research Capstone	3
Major, College, and Elective courses		6
<b>Hours</b>		<b>15</b>

**Spring**

Major, College, and Elective courses		15
<b>Hours</b>		<b>15</b>
<b>Total Hours</b>		<b>120</b>



## Geospatial Information Technologies (GSIT), Minor

### Requirements for Students Matriculating in or before Academic Year

2022-2023. Learn more about University Academic Regulation 3.1 (p. 943).

Sarah Mutschelknaus, 101B SSH, 405-744-8197

**Minimum Grade and/or GPA for Minor Courses:** 2.5 and no lower than a "C" in any course used toward the minor requirements.

**Total Hours:** 16

Code	Title	Hours
<b>Course Requirements</b>		
GEOG 2344	Digital Tools for Environmental Problem-Solving (LN)	4
GEOG 4203	Fundamentals of Geographic Information Systems	3
Select three courses from the following:		9
GEOG 4343	Geographic Information Systems: Resource Management Applications	
GEOG 4353	Geographic Information Systems: Socioeconomic Applications	
GEOG 4333	Remote Sensing	
GEOG 4323	Mapping in Modern Society	
GEOG 4383	Introduction to GIS Programming	
GEOG 4263	Geospatial Applications for Unmanned Aerial Systems	
GEOG 4303	Applications of the Global Positioning System in Field Research	
GEOG 4313	Field Techniques and Geodata Collection	
<b>Total Hours</b>		<b>16</b>

## Additional OSU Requirements

### Undergraduate Minors

- An undergraduate minor must include between fifteen and thirty hours, inclusive of undergraduate coursework.
- A minimum of six credit hours for the minor must be earned in residence at OSU.
- The courses required for a minor may be included in the course requirements for any undergraduate degree or they may be in addition to degree requirements, depending on the overlap between the minor and degree requirements. However, an undergraduate minor must be earned in an academic field other than the student's declared degree option. The minor may not duplicate the degree major or option (for example, a student who earns a BA in Art with an Art History option may earn a minor in Studio Art but not Art History).
- A student generally follows the minor requirements associated with his or her matriculation year or newer requirements that have been established since matriculation. The time limit for following requirements from a given academic year is six years.

For additional information on requirements on minors, click here (<https://adminfinance.okstate.edu/site-files/documents/policies/requirements-for-undergraduate-and-graduate-minors.pdf>).

## Global Studies (GLST), Minor

**Requirements for Students Matriculating in or before Academic Year 2022-2023.** Learn more about University Academic Regulation 3.1 (p. 943).

Sarah Mutschelknaus, 101B SSH, 405-744-8197.

**Minimum grade and/or GPA:** 2.5 and no longer than a "C" in any course used toward the minor requirements.

**Total Hours:** 17

Code	Title	Hours
<b>Minor Requirements</b>		
GEOG 2002 or GLST 2002	Global Sustainability (N) Global Sustainability (N)	2
GEOG 2103 or GLST 2103	Global Perspectives (IS) Global Perspectives (IS)	3
Select any four of the following optional courses:		12
GEOG 3053 or GLST 3053	Introduction to Central Asia Studies (IS) Introduction to Central Asia Studies	
GEOG 3713 or GLST 3713	Exploring North America and Diversity (DS) Exploring North America and Diversity (DS)	
GEOG 3723 or GLST 3723	Europe (IS) Europe (IS)	
GEOG 3733 or GLST 3733	Russia and Its Neighbors (IS) Russia and Its Neighbors (IS)	
GEOG 3743 or GLST 3743	Latin America (IS) Latin America (IS)	
GEOG 3753 or GLST 3753	Asia (IS) Asia (IS)	
GEOG 3763 or GLST 3763	Africa (IS) Africa (IS)	
GEOG 3783 or GLST 3783	The Middle East (IS) The Middle East (IS)	
GEOG 3793 or GLST 3793	Australia and the Pacific Realm (IS) Australia and the Pacific Realm (IS)	
One second year or higher foreign language may be substituted for one of the optional courses above.		
<b>Total Hours</b>		<b>17</b>

## Other Requirements

- No grade below "C."

## Additional OSU Requirements

### Undergraduate Minors

- An undergraduate minor must include between fifteen and thirty hours, inclusive of undergraduate coursework.
- A minimum of six credit hours for the minor must be earned in residence at OSU.
- The courses required for a minor may be included in the course requirements for any undergraduate degree or they may be in addition to degree requirements, depending on the overlap between the minor and degree requirements. However, an undergraduate minor must be earned in an academic field other than the student's declared degree

option. The minor may not duplicate the degree major or option (for example, a student who earns a BA in Art with an Art History option may earn a minor in Studio Art but not Art History).

- A student generally follows the minor requirements associated with his or her matriculation year or newer requirements that have been established since matriculation. The time limit for following requirements from a given academic year is six years.

For additional information on requirements on minors, click here (<https://adminfinance.okstate.edu/site-files/documents/policies/requirements-for-undergraduate-and-graduate-minors.pdf>).

# Global Studies, BA

## Degree Requirements

**Requirements for Students Matriculating in or before Academic Year 2022-2023.** Learn more about University Academic Regulation 3.1 (p. 943).

**Minimum Overall Grade Point Average:** 2.00

**Total Hours:** 120

Code	Title	Hours
<b>General Education Requirements</b>		
<i>English Composition</i>		
See Academic Regulation 3.5 (p. 944)		
ENGL 1113	Composition I	3
or ENGL 1313	Critical Analysis and Writing I	
Select one of the following:		3
ENGL 1213	Composition II	
ENGL 1413	Critical Analysis and Writing II	
ENGL 3323	Technical Writing	
<i>American History &amp; Government</i>		
HIST 1103	Survey of American History	3
or HIST 1483	American History to 1865 (H)	
or HIST 1493	American History Since 1865 (DH)	
POLS 1113	American Government	3
<i>Analytical &amp; Quantitative Thought (A)</i>		
Select one of the following:		3
STAT 2013	Elementary Statistics (A)	
STAT 2023	Elementary Statistics for Business and Economics (A)	
STAT 2053	Elementary Statistics for the Social Sciences (A)	
<i>Humanities (H)</i>		
Courses designated (H)		6
<i>Natural Sciences (N)</i>		
Must include one Laboratory Science (L) course		
GEOG 1114	Physical Geography (LN)	4
2 hours designated (N)		2
<i>Social &amp; Behavioral Sciences (S)</i>		
Course designated (S)		3
<i>Additional General Education</i>		
Courses designated (A), (H), (N), or (S)		10
<b>Hours Subtotal</b>		<b>40</b>
<b>Diversity (D) &amp; International Dimension (I)</b>		
May be completed in any part of the degree plan		
Select at least one Diversity (D) course		
Select at least one International Dimension (I) course		
<b>College/Departmental Requirements</b>		
<i>First Year Seminar</i>		
(Transfer students with 15 hours exempt)		1
<i>Arts &amp; Humanities</i>		
See note 2.a.		9
<i>Natural &amp; Mathematical Sciences</i>		

See note 2.b.		3
<i>Foreign Language</i>		
See note 3		9
<i>Non-Western Studies</i>		
At least one course		
See note 2.d.		
<i>Upper-Division General Education</i>		
Select 6 hours outside major department		
See note 2.c.		
<b>Hours Subtotal</b>		<b>22</b>
<b>Major Requirements</b>		
Minimum GPA 2.50.		
GEOG 1113	Introduction to Cultural Geography (IS)	3
GEOG 1713	Regions & Nations in Global Context (IS)	3
GEOG/GLST 2103	Global Perspectives (IS)	3
GEOG/GLST 2002	Global Sustainability (N)	2
GLST 4513	Senior Capstone Experience	3
<i>Skills Requirement</i>		
Select one of the following or another course at the discretion of the advisor:		3
GEOG 4203	Fundamentals of Geographic Information Systems	
GEOG 4313	Field Techniques and Geodata Collection	
GEOG 3333	Spatial Analysis (A)	
or, a second 2000-level foreign language course		
<i>Regional Study</i>		
Western region:		
Select one of the following:		3
GLST 3713	Exploring North America and Diversity (DS)	
or GEOG 3713	Exploring North America and Diversity (DS)	
GLST 3723	Europe (IS)	
or GEOG 3723	Europe (IS)	
GLST 3743	Latin America (IS)	
or GEOG 3743	Latin America (IS)	
GLST 3793	Australia and the Pacific Realm (IS)	
or GEOG 3793	Australia and the Pacific Realm (IS)	
Non-Western region:		
Select one of the following:		3
GLST 3053	Introduction to Central Asia Studies	
or GEOG 3053	Introduction to Central Asia Studies (IS)	
GLST 3733	Russia and Its Neighbors (IS)	
or GEOG 3733	Russia and Its Neighbors (IS)	
GLST 3753	Asia (IS)	
or GEOG 3753	Asia (IS)	
GLST 3763	Africa (IS)	
or GEOG 3763	Africa (IS)	
GLST 3783	The Middle East (IS)	
or GEOG 3783	The Middle East (IS)	
Additional GEOG/GLST courses		6
<i>Thematic Courses</i>		
Select five courses from one category (p. 1215)		15
<b>Hours Subtotal</b>		<b>44</b>

<b>Electives</b>	
Select 14 hours	14
May need to include 6 hours upper-division general education outside major department (see note 2.c.) and 7 additional upper-division hours	
MATH 1483 or MATH 1513 required for students who do not place directly into STAT.	
<b>Hours Subtotal</b>	<b>14</b>
<b>Total Hours</b>	<b>120</b>

## Categories

### Culture, the Arts and Humanities

Code	Title	Hours
ANTH 3353	Cultural Anthropology (IS)	3
ANTH 3443	Peoples of Mesoamerica (IS)	3
ANTH 4883	Comparative Cultures (IS)	3
ART 4703	Art East and West: Biases and Borrowings	3
ART 4713	The Visual Culture of the Islamic World (HI)	3
ART 4793	Architecture and Space in East Asia	3
ENGL 3463	History of International Film (HI)	3
ENGL 4350	Contemporary International Cinema	3
GEOG 3173	Cultural Geography (S)	3
GEOG 3213	Geographies of New Media (H)	3
GEOG 4143	Geography of Travel and Tourism	3
GWST 4950	Special Topics in Global Feminism	3
HIST 3133	African Diaspora History (DH)	3
HIST 3353	Mediterranean World	3
HIST 3543	Israel & Palestine in Modern Times (HI)	3
HIST 3583	Minorities and Diversity in the Middle East (H)	3
PHIL 1213	Philosophies of Life (H)	3
PHIL 2513	Philosophy and Culture (H)	3
PHIL 3613	Philosophy of Religion (H)	3
PHIL 3623	Philosophy of Race (DH)	3
PHIL 3943	Asian Philosophy (HI)	3
PHIL 4943	Indian Philosophy	3
PHIL 4953	East Asian Philosophy	3
REL 1103	Introduction to World Religions (HI)	3
REL/SOC 3713	Religion, Culture and Society	3
REL 4113	The World of Islam: Cultural Perspectives (HI)	3
REL 4213	Understanding Global Islam (HI)	3
REL 4223	Religion and Conflict in the Middle East (HI)	3
SOC 4653	Gender and the Middle East (IS)	3

### Geopolitics and the Global Economy

Code	Title	Hours
ECON 1113	The Economics of Social Issues (S)	3
ECON 3613	International Economic Relations (IS)	3
ECON 4643	International Economic Development (IS)	3
EEE 4403	Social Entrepreneurship	3
ENTO/PLP 2143	Global Agricultural Biosecurity and Forensics	3

GEOG 3123	Urban Geography (S)	3
GEOG 3133	Political Geography (IS)	3
GEOG 3163	Economic Geography (S)	3
GEOG 3183	Transportation Geography	3
MKTG 3993	International Business (I)	3
POLS 2113	Introduction to Comparative Politics (IS)	3
POLS 2013	Introduction to International Relations (S)	3
POLS 3003	The Soviet Union: History, Society and Culture (IS)	3
POLS 3033	International Law	3
POLS 3123	Russian & Eurasian Politics (I)	3
POLS 3163	African Politics (I)	3
POLS 3193	Latin American Politics (IS)	3
POLS 3223	Asian Politics	3
POLS 3313	Middle Eastern Politics	3
POLS 3893	Terrorism & Counterterrorism	3
POLS 4013	American Foreign Policy	3
POLS 4043	Global Political Economy	3
POLS 4113	International Organization	3
POLS 4223	Social Movements	3

### Sustainability

Code	Title	Hours
BIOL 1113	Introductory Biology (N)	4
& BIOL 1111 or BIOL 1114	and Introductory Biology Laboratory (LN) Introductory Biology (LN)	
ENTO 2003	Insects and Society (N)	3
ENTO 2223	Insects in Global Public Health (N)	3
ENVR 1113	Elements of Environmental Science (N)	3
GEOG 2344	Digital Tools for Environmental Problem-Solving (LN)	4
GEOG 3023	Climatology (N)	3
GEOG 3153	Conservation of Natural Resources (S)	3
GEOG 4113	Environment and Development	3
GEOG 4003	Natural Hazards and Society	3
GEOG 4073	Climate Change: Past, Present, and Future	3
GEOG 4233	Human Dimensions of Global Environmental Change	3
HIST 4063	Historic Preservation	3
NREM 4043	Natural Resource Administration and Policy	3
NSCI 3543	Food and the Human Environment (IS)	3
SOC 4433	Environmental Sociology (S)	3
SOC 4533	World Population Problems	3

### Other Requirements

- See the College of Arts and Sciences Requirements.
- Minimum 2.00 GPA in all GEOG and GLST courses.
- **Upper-Division Credit:** Total hours must include at least 40 hours in courses numbered 3000 or above.
- **Hours in One Department:** For B.A. and B.S. degrees, no more than 54 hours in one department may be applied to degree requirements.

## College of Arts and Sciences Requirements

### 1. General Education Requirements

No more than two courses (or eight hours) from the major department (<http://catalog.okstate.edu/college-arts-sciences-major-departments/>) may be used to meet General Education and College and Departmental Requirements. The General Education required English Composition, required U.S. History, required American Government, one required MATH or STAT course, and required foreign language for B.A. degrees do not count against the two-course maximum.

### 2. A&S College/Departmental Requirements

- Arts and Humanities are defined as any course carrying an (H) designation or courses from AMST, ART, DANC, ENGL (except ENGL 3323 Technical Writing) HIST, MUSI, PHIL (except PHIL 1313 Logic and Critical Thinking (A), PHIL 3003 Symbolic Logic (A) and PHIL 4003 Mathematical Logic and Computability), REL, TH, and foreign languages.
- Natural and Mathematical Sciences are defined as any course from the following prefixes: ASTR, BIOC, BIOL, CHEM, CS (except CS 4883 Social Issues in Computing), GEOL, MATH, MICR, PBIO, PHYS, and STAT; or courses from other departments that carry an (A) or (N) general education designation.
- The required six hours of upper-division General Education may not include courses from the student's major department. This requirement may be satisfied by courses also used to satisfy any part of a student's degree program (i.e., in General Education, College Departmental Requirements, Major Requirements or Electives).
- Non-Western Studies Requirement for B.A. and B.F.A.; One 3-hour course in Non-Western Studies (N.W.). This requirement may be satisfied by courses also used to satisfy any part of a student's degree program (i.e., in General Education, College Departmental Requirements, Major Requirements or Electives).
- The College of Arts & Sciences requires a minimum 2.0 GPA in all major requirements and a minimum 2.0 GPA in all major-prefix courses applied to the degree.

### 3. Foreign Language Proficiency

- The foreign language requirement for the B.A. may be satisfied by 9 hours college credit in the same language, which must include 3 hours at the 2000-level, or equivalent proficiency (e.g., passing an advanced standing examination; TOEFL exam; presenting a high school transcript which demonstrates the high school was primarily conducted in a language other than English; etc.). Computer Science courses may not be used to satisfy this requirement. Currently Arabic and Mvskoke are not offered at the 2000-level at OSU.
- The foreign language requirement for the B.S., B.M. and B.F.A. may be satisfied by presenting a high school transcript which demonstrates two years of study of a single foreign language (passing grades at second-year level of study). It may also be satisfied by 6 hours college credit in the same language, which must include language courses 1713 and 1813, or equivalent proficiency (e.g., passing an advanced standing examination; TOEFL exam; presenting a high school transcript which demonstrates the high school was primarily conducted in a language other than English; etc.). Computer Science courses may not be used to satisfy this requirement.

- In addition to a. and b., students pursuing teacher certification must meet novice-high foreign language proficiency by presenting a high school transcript which demonstrates two years of study of a single foreign language with no grade below B. Or, students may complete 3 hours college credit in a single language with no grade below C (or pass an advanced standing examination, College Level Examination Program (CLEP) exam, or Oral Proficiency Interview developed by the American Council on the Teaching of Foreign Languages, equivalent to 3 hours of college credit.) Or, students may meet the requirement by transfer of documentation of meeting the foreign language competency from one of the teacher education programs in the State of Oklahoma approved by the Oklahoma State Regents for Higher Education.

### 4. Exclusions

- Courses used to satisfy the General Education English Composition, U.S. History, American Government, and Mathematics or Statistics requirements will not count toward the 54-hour maximum allowed from one department.
- Courses with ATHL or LEIS prefixes and leisure activity courses may not be used for degree credit.

## Additional State/OSU Requirements

- At least: 60 hours at a four-year institution; 30 hours completed at OSU; 15 of the final 30 or 50% of the upper-division hours in the major field completed at OSU.
- Limit of: one-half of major course requirements as transfer work; one-fourth of hours earned by correspondence; 8 transfer correspondence hours.
- Students will be held responsible for degree requirements in effect at the time of matriculation and any changes that are made, so long as these changes do not result in semester credit hours being added or do not delay graduation.
- Degrees that follow this plan must be completed by the end of Summer 2028.

## Example Plan of Study

### Finish in Four Plan of Study

The plan below is an example of how students can successfully complete degree requirements in four years. This suggested class schedule plan may be used as a guide and can be adjusted based on individual needs. Students are required to meet with an academic advisor prior to enrollment each semester to plan their class schedule, and students are ultimately responsible for completing all degree requirements.

Course	Title	Hours
<b>Freshman</b>		
<b>Fall</b>		
GEOG 1113	Introduction to Cultural Geography (IS)	3
GEOG 1114	Physical Geography (LN)	4
1713	First Semester Foreign Language	3
General Education courses		4
		<b>Hours</b>
		<b>14</b>
<b>Spring</b>		
STAT 2053 or STAT 2013 or STAT 2023	Elementary Statistics for the Social Sciences (A) or Elementary Statistics (A) or Elementary Statistics for Business and Economics (A)	3
GEOG 1713	Regions & Nations in Global Context (IS)	3
1813	Second Semester Foreign Language	3

General Education courses		7
	<b>Hours</b>	<b>16</b>
<b>Sophomore</b>		
<b>Fall</b>		
GLST 2002	Global Sustainability (N)	2
2000-level Foreign Language		3
General Education courses		10
	<b>Hours</b>	<b>15</b>
<b>Spring</b>		
GLST 2103	Global Perspectives (IS)	3
Major, College, and Elective courses		12
	<b>Hours</b>	<b>15</b>
<b>Junior</b>		
<b>Fall</b>		
Major, College, and Elective courses		15
	<b>Hours</b>	<b>15</b>
<b>Spring</b>		
Major, College, and Elective courses		15
	<b>Hours</b>	<b>15</b>
<b>Senior</b>		
<b>Fall</b>		
Major, College, and Elective courses		15
	<b>Hours</b>	<b>15</b>
<b>Spring</b>		
GLST 4513	Senior Capstone Experience	3
Major, College, and Elective courses		12
	<b>Hours</b>	<b>15</b>
	<b>Total Hours</b>	<b>120</b>



# Global Studies: Business Essentials, BA

## Degree Requirements

**Requirements for Students Matriculating in or before Academic Year 2022-2023.** Learn more about University Academic Regulation 3.1 (p. 943).

**Minimum Overall Grade Point Average: 2.00**

**Total Hours: 120**

Code	Title	Hours
<b>General Education Requirements</b>		
<i>English Composition</i>		
See Academic Regulation 3.5 (p. 944)		
ENGL 1113 or ENGL 1313	Composition I Critical Analysis and Writing I	3
Select one of the following:		3
ENGL 1213	Composition II	
ENGL 1413	Critical Analysis and Writing II	
ENGL 3323	Technical Writing	
<i>American History &amp; Government</i>		
HIST 1103 or HIST 1483 or HIST 1493	Survey of American History American History to 1865 (H) American History Since 1865 (DH)	3
POLS 1113	American Government	3
<i>Analytical &amp; Quantitative Thought (A)</i>		
MATH 1483	Mathematical Functions and Their Uses (A) (or higher excluding MATH 1493))	3
STAT 2013 or STAT 2023 or STAT 2053	Elementary Statistics (A) Elementary Statistics for Business and Economics (A) Elementary Statistics for the Social Sciences (A)	3
<i>Humanities (H)</i>		
Courses designated (H)		6
<i>Natural Sciences (N)</i>		
Must include one Laboratory Science (L) course.		
GEOG 1114	Physical Geography (LN)	4
2 hours designated (N)		2
<i>Social &amp; Behavioral Sciences (S)</i>		
Course designated (S)		3
<i>Additional General Education</i>		
Courses designated (A), (H), (N), or (S)		7
<b>Hours Subtotal</b>		<b>40</b>
<b>Diversity (D) &amp; International Dimension (I)</b>		
May be completed in any part of the degree plan.		
At least one Diversity (D) course.		
At least one International Dimension (I) course.		
<b>College/Departmental Requirements</b>		
<i>First Year Seminar</i>		
(Transfer students with 15 hours exempt.)		1
<i>Arts &amp; Humanities</i>		
(See note 2.a.)		9

### Natural & Mathematical Sciences

(See note 2.b.) 3

### Foreign Language

(See note 3.) 9

### Non-Western Studies

At least one course (See note 2.d.)

### Upper-Division General Education

6 hours outside major department (See note 2.c.)

**Hours Subtotal 22**

### Major Requirements

Minimum GPA 2.50.

GEOG 1113 Introduction to Cultural Geography (IS) 3

GEOG 1713 Regions & Nations in Global Context (IS) 3

GLST 2103 Global Perspectives (IS) 3  
or GEOG 2103 Global Perspectives (IS)

GLST 2002 Global Sustainability (N) 2  
or GEOG 2002 Global Sustainability (N)

GLST 4513 Senior Capstone Experience 3

*Skills Requirement (one of the following or another course at the discretion of the advisor):* 3

GEOG 4203 Fundamentals of Geographic Information Systems

GEOG 4313 Field Techniques and Geodata Collection

GEOG 3333 Spatial Analysis (A)

or a second 2000-level course in ASL, CHIN, GREK, GRMN, JAPN, LATN, RUSS, or SPAN

### Regional Study (6 hours, select one from each category):

Western Region (3 hours): 3

GLST 3713 Exploring North America and Diversity (DS)

GEOG 3713 Exploring North America and Diversity (DS)

GLST 3723 Europe (IS)

GEOG 3723 Europe (IS)

GLST 3743 Latin America (IS)

GEOG 3743 Latin America (IS)

GLST 3793 Australia and the Pacific Realm (IS)

GEOG 3793 Australia and the Pacific Realm (IS)

Non-Western Region (3 hours): 3

GLST 3053 Introduction to Central Asia Studies

GEOG 3053 Introduction to Central Asia Studies (IS)

GLST 3733 Russia and Its Neighbors (IS)

GEOG 3733 Russia and Its Neighbors (IS)

GLST 3753 Asia (IS)

GEOG 3753 Asia (IS)

GLST 3763 Africa (IS)

GEOG 3763 Africa (IS)

GLST 3783 The Middle East (IS)

GEOG 3783 The Middle East (IS)

*Additional GEOG/GLST courses (3 hours)* 3

### Thematic courses (12 hours):

Select four courses from one category. 12

### Culture, the Arts, and Humanities:

ANTH 3353 Cultural Anthropology (IS)

ANTH 3443 Peoples of Mesoamerica (IS)

ANTH 4883	Comparative Cultures (IS)
ART 4703	Art East and West: Biases and Borrowings
ART 4713	The Visual Culture of the Islamic World (HI)
ART 4793	Architecture and Space in East Asia
ENGL 3463	History of International Film (HI)
ENGL 4350	Contemporary International Cinema
GEOG 3173	Cultural Geography (S)
GEOG 3213	Geographies of New Media (H)
GEOG 4143	Geography of Travel and Tourism
GWST 4950	Special Topics in Global Feminism
HIST 3133	African Diaspora History (DH)
HIST 3353	Mediterranean World
HIST 3543	Israel & Palestine in Modern Times (HI)
HIST 3583	Minorities and Diversity in the Middle East (H)
PHIL 1213	Philosophies of Life (H)
PHIL 2513	Philosophy and Culture (H)
PHIL 3613	Philosophy of Religion (H)
PHIL 3623	Philosophy of Race (DH)
PHIL 3943	Asian Philosophy (HI)
PHIL 4943	Indian Philosophy
PHIL 4953	East Asian Philosophy
REL 1103	Introduction to World Religions (HI)
REL 3713	Religion, Culture and Society
REL 4113	The World of Islam: Cultural Perspectives (HI)
REL 4213	Understanding Global Islam (HI)
REL 4223	Religion and Conflict in the Middle East (HI)
SOC 3713	Religion, Culture and Society
SOC 4653	Gender and the Middle East (IS)
<b>Geopolitics and the Global Economy:</b>	
ECON 1113	The Economics of Social Issues (S)
ECON 3613	International Economic Relations (IS)
ECON 4643	International Economic Development (IS)
ENTO 2143	Global Agricultural Biosecurity and Forensics
or PLP 2143	Global Agricultural Biosecurity and Forensics
GEOG 3123	Urban Geography (S)
GEOG 3133	Political Geography (IS)
GEOG 3163	Economic Geography (S)
GEOG 3183	Transportation Geography
MKTG 3993	International Business (I)
POLS 2013	Introduction to International Relations (S)
POLS 2113	Introduction to Comparative Politics (IS)
POLS 3003	The Soviet Union: History, Society and Culture (IS)
POLS 3033	International Law
POLS 3123	Russian & Eurasian Politics (I)
POLS 3163	African Politics (I)
POLS 3193	Latin American Politics (IS)
POLS 3223	Asian Politics
POLS 3313	Middle Eastern Politics
POLS 3893	Terrorism & Counterterrorism

POLS 4013	American Foreign Policy	
POLS 4043	Global Political Economy	
POLS 4113	International Organization	
POLS 4223	Social Movements	
<b>Sustainability:</b>		
BIOL 1113 & BIOL 1111 or BIOL 1114	Introductory Biology (N) and Introductory Biology Laboratory (LN)	
ENTO 2003	Insects and Society (N)	
ENTO 2223	Insects in Global Public Health (N)	
ENVR 1113	Elements of Environmental Science (N)	
GEOG 2344	Digital Tools for Environmental Problem-Solving (LN)	
GEOG 3023	Climatology (N)	
GEOG 3153	Conservation of Natural Resources (S)	
GEOG 4003	Natural Hazards and Society	
GEOG 4073	Climate Change: Past, Present, and Future	
GEOG 4113	Environment and Development	
GEOG 4233	Human Dimensions of Global Environmental Change	
HIST 4063	Historic Preservation	
NREM 4043	Natural Resource Administration and Policy	
NSCI 3543	Food and the Human Environment (IS)	
SOC 4433	Environmental Sociology (S)	
SOC 4533	World Population Problems	
<b>Business Essentials:</b>		
ACCT 2003	Survey of Accounting	3
MGMT 3013	Fundamentals of Management (S)	3
MKTG 3213	Marketing (S)	3
<b>Select three hours from:</b>		3
ECON 2003	Microeconomic Principles for Business	
EEE 2023	Introduction to Entrepreneurship	
LSB 3213	Legal and Regulatory Environment of Business	
MSIS 2103	Business Data Science Technologies	

<b>Hours Subtotal</b>	<b>50</b>
<b>Electives</b>	
8 hours of Electives	8
May need to include 6 hours upper-division general education outside major department (see note 2.c.) and one additional upper-division hour.	
<b>Hours Subtotal</b>	<b>8</b>
<b>Total Hours</b>	<b>120</b>

## Other Requirements

- See the College of Arts and Sciences Requirements.
- Minimum 2.00 GPA in all GEOG and GLST courses.
- **Upper-Division Credit:** Total hours must include at least 40 hours in courses numbered 3000 or above.
- **Hours in One Department:** For B.A. and B.S. degrees, no more than 54 hours in one department may be applied to degree requirements.

## College of Arts and Sciences Requirements

### 1. General Education Requirements

No more than two courses (or eight hours) from the major department (<http://catalog.okstate.edu/college-arts-sciences-major-departments/>) may be used to meet General Education and College and Departmental Requirements. The General Education required English Composition, required U.S. History, required American Government, one required MATH or STAT course, and required foreign language for B.A. degrees do not count against the two-course maximum.

### 2. A&S College/Departmental Requirements

- Arts and Humanities are defined as any course carrying an (H) designation or courses from AMST, ART, DANC, ENGL (except ENGL 3323 Technical Writing) HIST, MUSI, PHIL (except PHIL 1313 Logic and Critical Thinking (A), PHIL 3003 Symbolic Logic (A) and PHIL 4003 Mathematical Logic and Computability), REL, TH, and foreign languages.
- Natural and Mathematical Sciences are defined as any course from the following prefixes: ASTR, BIOC, BIOL, CHEM, CS (except CS 4883 Social Issues in Computing), GEOL, MATH, MICR, PBIO, PHYS, and STAT; or courses from other departments that carry an (A) or (N) general education designation.
- The required six hours of upper-division General Education may not include courses from the student's major department. This requirement may be satisfied by courses also used to satisfy any part of a student's degree program (i.e., in General Education, College Departmental Requirements, Major Requirements or Electives).
- Non-Western Studies Requirement for B.A. and B.F.A.; One 3-hour course in Non-Western Studies (N.W.). This requirement may be satisfied by courses also used to satisfy any part of a student's degree program (i.e., in General Education, College Departmental Requirements, Major Requirements or Electives).
- The College of Arts & Sciences requires a minimum 2.0 GPA in all major requirements and a minimum 2.0 GPA in all major-prefix courses applied to the degree.

### 3. Foreign Language Proficiency

- The foreign language requirement for the B.A. may be satisfied by 9 hours college credit in the same language, which must include 3 hours at the 2000-level, or equivalent proficiency (e.g., passing an advanced standing examination; TOEFL exam; presenting a high school transcript which demonstrates the high school was primarily conducted in a language other than English; etc.). Computer Science courses may not be used to satisfy this requirement. Currently Arabic and Mvskoke are not offered at the 2000-level at OSU.
- The foreign language requirement for the B.S., B.M. and B.F.A. may be satisfied by presenting a high school transcript which demonstrates two years of study of a single foreign language (passing grades at second-year level of study). It may also be satisfied by 6 hours college credit in the same language, which must include language courses 1713 and 1813, or equivalent proficiency (e.g., passing an advanced standing examination; TOEFL exam; presenting a high school transcript which demonstrates the high school was primarily conducted in a language other than English; etc.). Computer Science courses may not be used to satisfy this requirement.

- In addition to a. and b., students pursuing teacher certification must meet novice-high foreign language proficiency by presenting a high school transcript which demonstrates two years of study of a single foreign language with no grade below B. Or, students may complete 3 hours college credit in a single language with no grade below C (or pass an advanced standing examination, College Level Examination Program (CLEP) exam, or Oral Proficiency Interview developed by the American Council on the Teaching of Foreign Languages, equivalent to 3 hours of college credit.) Or, students may meet the requirement by transfer of documentation of meeting the foreign language competency from one of the teacher education programs in the State of Oklahoma approved by the Oklahoma State Regents for Higher Education.

### 4. Exclusions

- Courses used to satisfy the General Education English Composition, U.S. History, American Government, and Mathematics or Statistics requirements will not count toward the 54-hour maximum allowed from one department.
- Courses with ATHL or LEIS prefixes and leisure activity courses may not be used for degree credit.

## Additional OSU Requirements Undergraduate Minors

- An undergraduate minor must include between fifteen and thirty hours, inclusive of undergraduate coursework.
- A minimum of six credit hours for the minor must be earned in residence at OSU.
- The courses required for a minor may be included in the course requirements for any undergraduate degree or they may be in addition to degree requirements, depending on the overlap between the minor and degree requirements. However, an undergraduate minor must be earned in an academic field other than the student's declared degree option. The minor may not duplicate the degree major or option (for example, a student who earns a BA in Art with an Art History option may earn a minor in Studio Art but not Art History).
- A student generally follows the minor requirements associated with his or her matriculation year or newer requirements that have been established since matriculation. The time limit for following requirements from a given academic year is six years.

For additional information on requirements on minors, click here (<https://adminfinance.okstate.edu/site-files/documents/policies/requirements-for-undergraduate-and-graduate-minors.pdf>).

## Example Plan of Study

### Finish in Four Plan of Study

The plan below is an **example** of how students can successfully complete degree requirements in four years. This suggested class schedule plan may be used as a guide and can be adjusted based on individual needs. Students are required to meet with an academic advisor prior to enrollment each semester to plan their class schedule, and students are ultimately responsible for completing all degree requirements.

Course	Title	Hours
<b>Freshman</b>		
<b>Fall</b>		
GEOG 1113	Introduction to Cultural Geography (IS)	3
GEOG 1114	Physical Geography (LN)	4

1713 First Semester Foreign Language		3
General Education courses		4
<b>Hours</b>		<b>14</b>
<b>Spring</b>		
STAT 2053 or STAT 2013 or STAT 2023	Elementary Statistics for the Social Sciences (A) or Elementary Statistics (A) or Elementary Statistics for Business and Economics (A)	3
GEOG 1713	Regions & Nations in Global Context (IS)	3
1813 Second Semester Foreign Language		3
General Education courses		7
<b>Hours</b>		<b>16</b>
<b>Sophomore</b>		
<b>Fall</b>		
GLST 2002	Global Sustainability (N)	2
2000-level Foreign Language		3
General Education courses		10
<b>Hours</b>		<b>15</b>
<b>Spring</b>		
GLST 2103	Global Perspectives (IS)	3
Major, College, and Elective courses		12
<b>Hours</b>		<b>15</b>
<b>Junior</b>		
<b>Fall</b>		
Major, College, and Elective courses		15
<b>Hours</b>		<b>15</b>
<b>Spring</b>		
Major, College, and Elective courses		15
<b>Hours</b>		<b>15</b>
<b>Senior</b>		
<b>Fall</b>		
Major, College, and Elective courses		15
<b>Hours</b>		<b>15</b>
<b>Spring</b>		
GLST 4513	Senior Capstone Experience	3
Major, College, and Elective courses		12
<b>Hours</b>		<b>15</b>
<b>Total Hours</b>		<b>120</b>

# Global Studies: Pre-Law, BA

## Degree Requirements

**Requirements for Students Matriculating in or before Academic Year 2022-2023.** Learn more about University Academic Regulation 3.1 (p. 943).

**Minimum Overall Grade Point Average:** 2.00

**Total Hours:** 120

Code	Title	Hours
<b>General Education Requirements</b>		
<i>English Composition</i>		
See Academic Regulation 3.5 (p. 944)		
ENGL 1113	Composition I	3
or ENGL 1313	Critical Analysis and Writing I	
Select one of the following:		3
ENGL 1213	Composition II	
ENGL 1413	Critical Analysis and Writing II	
ENGL 3323	Technical Writing	
<i>American History &amp; Government</i>		
HIST 1103	Survey of American History	3
or HIST 1483	American History to 1865 (H)	
or HIST 1493	American History Since 1865 (DH)	
POLS 1113	American Government	3
<i>Analytical &amp; Quantitative Thought</i>		
Select one of the following:		3
STAT 2013	Elementary Statistics (A)	
STAT 2023	Elementary Statistics for Business and Economics (A)	
STAT 2053	Elementary Statistics for the Social Sciences (A)	
<i>Humanities (H)</i>		
Courses designated (H)		6
<i>Natural Sciences (N)</i>		
Must include one Laboratory Science (L) course.		
GEOG 1114	Physical Geography (LN)	4
2 hours designated (N)		2
<i>Social &amp; Behavioral Sciences (S)</i>		
Course designated (S)		3
<i>Additional General Education</i>		
Courses designated (A), (H), (N), or (S)		10
<b>Hours Subtotal</b>		<b>40</b>
<b>Diversity (D) &amp; International Dimension (I)</b>		
May be completed in any part of the degree plan.		
At least one Diversity (D) course.		
At least one International Dimension (I) course.		
<b>College/Departmental Requirements</b>		
<i>First Year Seminar</i>		
(Transfer students with 15 hours exempt.)		1
<i>Arts &amp; Humanities</i>		
(See note 2.a.)		9
<i>Natural &amp; Mathematical Sciences</i>		

PHIL 1313	Logic and Critical Thinking (A)	3
(See note 2.b.)		
<i>Foreign Language</i>		
(See note 3.)		9
<i>Non-Western Studies</i>		
At least one course (See note 2.d.)		
<i>Upper-Division General Education</i>		
6 hours outside major department (See note 2.c.)		
<b>Hours Subtotal</b>		<b>22</b>
<b>Major Requirements</b>		
Minimum GPA 2.50.		
GEOG 1113	Introduction to Cultural Geography (IS)	3
or GEOG 1713	Regions & Nations in Global Context (IS)	
GLST 2103	Global Perspectives (IS)	3
or GEOG 2103	Global Perspectives (IS)	
GLST 2002	Global Sustainability (N)	2
or GEOG 2002	Global Sustainability (N)	
GLST 4513	Senior Capstone Experience	3
<i>Skills Requirement (one of the following or another course at the discretion of the advisor):</i>		3
GEOG 4203	Fundamentals of Geographic Information Systems	
GEOG 4313	Field Techniques and Geodata Collection	
GEOG 3333	Spatial Analysis (A)	
or second 2000-level foreign language		
Regional Study (6 hours, select one from each category):		
Western Region (3 hours):		3
GEOG 3243	Legal Geography of Native America, Sovereign Tribal Nations, and Indian Country (DS)	
GLST 3713	Exploring North America and Diversity (DS)	
GEOG 3713	Exploring North America and Diversity (DS)	
GLST 3723	Europe (IS)	
GEOG 3723	Europe (IS)	
GLST 3743	Latin America (IS)	
GEOG 3743	Latin America (IS)	
GLST 3793	Australia and the Pacific Realm (IS)	
GEOG 3793	Australia and the Pacific Realm (IS)	
Non-Western Region (3 hours):		3
GLST 3053	Introduction to Central Asia Studies	
GEOG 3053	Introduction to Central Asia Studies (IS)	
GLST 3733	Russia and Its Neighbors (IS)	
GEOG 3733	Russia and Its Neighbors (IS)	
GLST 3753	Asia (IS)	
GEOG 3753	Asia (IS)	
GLST 3763	Africa (IS)	
GEOG 3763	Africa (IS)	
GLST 3783	The Middle East (IS)	
GEOG 3783	The Middle East (IS)	
Additional GEOG/GLST courses (6 hours)		6
3 hours upper-division GEOG/GLST or foreign language		3
Law-related courses (15 hours):		15
AMIS 4013	American Indian Sovereignty (D)	



AMST 3333	Crime, Law and American Culture (S)
ENGL 3323	Technical Writing
LSB 3213	Legal and Regulatory Environment of Business
LSB 4633	Legal Aspects of International Business Transactions (I)
NREM 4043	Natural Resource Administration and Policy
PHIL 3513	Social Philosophy (H)
PHIL 3843	Philosophy of Law (H)
POLS 3033	International Law
POLS 3983	Courts and Judicial Process (S)
POLS 4363	Environmental Law And Policy
POLS 4043	Global Political Economy
PSYC 4143	Psychology and Law
SOC 4033	Comparative Perspectives of Criminal Justice Systems (IS)
SOC 4103	The Death Penalty in America (S)
SOC 4313	Sociology of Law
SPCH 3733	Elements of Persuasion (S)
<b>Hours Subtotal</b>	<b>44</b>
<b>Electives</b>	
14 hours of Electives	14
May need to include 6 hours upper-division general education outside major department (see note 2.c.) and one additional upper-division hour.	
MATH 1483 or MATH 1513 required for students who do not place directly into STAT.	
<b>Hours Subtotal</b>	<b>14</b>
<b>Total Hours</b>	<b>120</b>

## Other Requirements

- See the College of Arts and Sciences Requirements.
- Minimum 2.00 GPA in all GEOG and GLST courses.
- **Upper-Division Credit:** Total hours must include at least 40 hours in courses numbered 3000 or above.
- **Hours in One Department:** For B.A. and B.S. degrees, no more than 54 hours in one department may be applied to degree requirements.

## College of Arts and Sciences Requirements

### 1. General Education Requirements

No more than two courses (or eight hours) from the major department (<http://catalog.okstate.edu/college-arts-sciences-major-departments/>) may be used to meet General Education and College and Departmental Requirements. The General Education required English Composition, required U.S. History, required American Government, one required MATH or STAT course, and required foreign language for B.A. degrees do not count against the two-course maximum.

### 2. A&S College/Departmental Requirements

- Arts and Humanities are defined as any course carrying an (H) designation or courses from AMST, ART, DANC, ENGL (except ENGL 3323 Technical Writing) HIST, MUSI, PHIL (except PHIL 1313 Logic and Critical Thinking (A), PHIL 3003 Symbolic

Logic (A) and PHIL 4003 Mathematical Logic and Computability), REL, TH, and foreign languages.

- Natural and Mathematical Sciences are defined as any course from the following prefixes: ASTR, BIOC, BIOL, CHEM, CS (except CS 4883 Social Issues in Computing), GEOL, MATH, MICR, PBIO, PHYS, and STAT; or courses from other departments that carry an (A) or (N) general education designation.
  - The required six hours of upper-division General Education may not include courses from the student's major department. This requirement may be satisfied by courses also used to satisfy any part of a student's degree program (i.e., in General Education, College Departmental Requirements, Major Requirements or Electives).
  - Non-Western Studies Requirement for B.A. and B.F.A.; One 3-hour course in Non-Western Studies (N.W.). This requirement may be satisfied by courses also used to satisfy any part of a student's degree program (i.e., in General Education, College Departmental Requirements, Major Requirements or Electives).
  - The College of Arts & Sciences requires a minimum 2.0 GPA in all major requirements and a minimum 2.0 GPA in all major-prefix courses applied to the degree.
- ### 3. Foreign Language Proficiency
- The foreign language requirement for the B.A. may be satisfied by 9 hours college credit in the same language, which must include 3 hours at the 2000-level, or equivalent proficiency (e.g., passing an advanced standing examination; TOEFL exam; presenting a high school transcript which demonstrates the high school was primarily conducted in a language other than English; etc.). Computer Science courses may not be used to satisfy this requirement. Currently Arabic and Mvskoke are not offered at the 2000-level at OSU.
  - The foreign language requirement for the B.S., B.M. and B.F.A. may be satisfied by presenting a high school transcript which demonstrates two years of study of a single foreign language (passing grades at second-year level of study). It may also be satisfied by 6 hours college credit in the same language, which must include language courses 1713 and 1813, or equivalent proficiency (e.g., passing an advanced standing examination; TOEFL exam; presenting a high school transcript which demonstrates the high school was primarily conducted in a language other than English; etc.). Computer Science courses may not be used to satisfy this requirement.
  - In addition to a. and b., students pursuing teacher certification must meet novice-high foreign language proficiency by presenting a high school transcript which demonstrates two years of study of a single foreign language with no grade below B. Or, students may complete 3 hours college credit in a single language with no grade below C (or pass an advanced standing examination, College Level Examination Program (CLEP) exam, or Oral Proficiency Interview developed by the American Council on the Teaching of Foreign Languages, equivalent to 3 hours of college credit.) Or, students may meet the requirement by transfer of documentation of meeting the foreign language competency from one of the teacher education programs in the State of Oklahoma approved by the Oklahoma State Regents for Higher Education.
- ### 4. Exclusions
- Courses used to satisfy the General Education English Composition, U.S. History, American Government, and



Mathematics or Statistics requirements will not count toward the 54-hour maximum allowed from one department.

- b. Courses with ATHL or LEIS prefixes and leisure activity courses may not be used for degree credit.

## Additional State/OSU Requirements

- At least: 60 hours at a four-year institution; 30 hours completed at OSU; 15 of the final 30 or 50% of the upper-division hours in the major field completed at OSU.
- Limit of: one-half of major course requirements as transfer work; one-fourth of hours earned by correspondence; 8 transfer correspondence hours.
- Students will be held responsible for degree requirements in effect at the time of matriculation and any changes that are made, so long as these changes do not result in semester credit hours being added or do not delay graduation.
- Degrees that follow this plan must be completed by the end of Summer 2028.

## Example Plan of Study

### Finish in Four Plan of Study

The plan below is an **example** of how students can successfully complete degree requirements in four years. This suggested class schedule plan may be used as a guide and can be adjusted based on individual needs. Students are required to meet with an academic advisor prior to enrollment each semester to plan their class schedule, and students are ultimately responsible for completing all degree requirements.

Course	Title	Hours
<b>Freshman</b>		
<b>Fall</b>		
GEOG 1113	Introduction to Cultural Geography (IS)	3
GEOG 1114	Physical Geography (LN)	4
1713	First Semester Foreign Language	3
General Education courses		4
<b>Hours</b>		<b>14</b>
<b>Spring</b>		
STAT 2053 or STAT 2013 or STAT 2023	Elementary Statistics for the Social Sciences (A) or Elementary Statistics (A) or Elementary Statistics for Business and Economics (A)	3
GEOG 1713	Regions & Nations in Global Context (IS)	3
1813	Second Semester Foreign Language	3
General Education courses		7
<b>Hours</b>		<b>16</b>
<b>Sophomore</b>		
<b>Fall</b>		
GLST 2002	Global Sustainability (N)	2
2000-level Foreign Language		3
PHIL 1313	Logic and Critical Thinking (A)	3
General Education courses		7
<b>Hours</b>		<b>15</b>
<b>Spring</b>		
GLST 2103	Global Perspectives (IS)	3
Major, College, and Elective courses		12
<b>Hours</b>		<b>15</b>
<b>Junior</b>		
<b>Fall</b>		
Major, College, and Elective courses		15
<b>Hours</b>		<b>15</b>

<b>Spring</b>		
Major, College, and Elective courses		15
<b>Hours</b>		<b>15</b>
<b>Senior</b>		
<b>Fall</b>		
Major, College, and Elective courses		15
<b>Hours</b>		<b>15</b>
<b>Spring</b>		
GLST 4513	Senior Capstone Experience	3
Major, College, and Elective courses		12
<b>Hours</b>		<b>15</b>
<b>Total Hours</b>		<b>120</b>

## Global Studies: Pre-Ministry, BA

### Degree Requirements

**Requirements for Students Matriculating in or before Academic Year 2022-2023.** Learn more about University Academic Regulation 3.1 (p. 943).

**Minimum Overall Grade Point Average:** 2.00

**Total Hours:** 120

Code	Title	Hours
<b>General Education Requirements</b>		
<i>English Composition</i>		
See Academic Regulation 3.5 (p. 944)		
ENGL 1113	Composition I	3
or ENGL 1313	Critical Analysis and Writing I	
Select one from the following:		3
ENGL 1213	Composition II	
ENGL 1413	Critical Analysis and Writing II	
ENGL 3323	Technical Writing	
<i>American History &amp; Government</i>		
HIST 1103	Survey of American History	3
or HIST 1483	American History to 1865 (H)	
or HIST 1493	American History Since 1865 (DH)	
POLS 1113	American Government	3
<i>Analytical &amp; Quantitative Thought (A)</i>		
Select one from the following:		3
STAT 2013	Elementary Statistics (A)	
STAT 2023	Elementary Statistics for Business and Economics (A)	
STAT 2053	Elementary Statistics for the Social Sciences (A)	
<i>Humanities (H)</i>		
Courses designated (H)		6
<i>Natural Sciences (N)</i>		
Must include one Laboratory Science (L) course.		
GEOG 1114	Physical Geography (LN)	4
2 hours designated (N)		2
<i>Social &amp; Behavioral Sciences (S)</i>		
Course designated (S)		3
<i>Additional General Education</i>		
Course designated (A), (H), (N), or (S)		10
<b>Hours Subtotal</b>		<b>40</b>
<b>Diversity (D) &amp; International Dimension (I)</b>		
May be completed in any part of the degree plan.		
At least one Diversity (D) course.		
At least one International Dimension (I) course.		
<b>College/Departmental Requirements</b>		
<i>First Year Seminar</i>		
(Transfer students with 15 hours exempt.)		1
<i>Arts &amp; Humanities</i>		
(See note 2.a.)		9
<i>Natural &amp; Mathematical Sciences</i>		

(See note 2.b.)		3
<i>Foreign Language</i>		
(See note 3.)		9
<i>Non-Western Studies</i>		
At least one course		
(See note 2.d.)		
<i>Upper-Division General Education</i>		
6 hours outside major department		
(See note 2.c.)		
<b>Hours Subtotal</b>		<b>22</b>
<b>Major Requirements</b>		
Minimum GPA 2.50.		
GEOG 1113	Introduction to Cultural Geography (IS)	3
or GEOG 1713	Regions & Nations in Global Context (IS)	
GLST 2103	Global Perspectives (IS)	3
or GEOG 2103	Global Perspectives (IS)	
GLST 2002	Global Sustainability (N)	2
or GEOG 2002	Global Sustainability (N)	
GLST 4513	Senior Capstone Experience	3
<i>Skills Requirement</i>		
Select one of the following or another course at the discretion of the advisor:		3
GEOG 4203	Fundamentals of Geographic Information Systems	
GEOG 4313	Field Techniques and Geodata Collection	
GEOG 3333	Spatial Analysis (A)	
or second 2000-level foreign language		
<i>Regional Study (6 hours, select one from each category):</i>		
Western Region (3 hours):		3
GLST 3713	Exploring North America and Diversity (DS)	
GEOG 3713	Exploring North America and Diversity (DS)	
GLST 3723	Europe (IS)	
GEOG 3723	Europe (IS)	
GLST 3743	Latin America (IS)	
GEOG 3743	Latin America (IS)	
GLST 3793	Australia and the Pacific Realm (IS)	
GEOG 3793	Australia and the Pacific Realm (IS)	
Non-Western Region (3 hours):		3
GLST 3053	Introduction to Central Asia Studies	
GEOG 3053	Introduction to Central Asia Studies (IS)	
GLST 3733	Russia and Its Neighbors (IS)	
GEOG 3733	Russia and Its Neighbors (IS)	
GLST 3753	Asia (IS)	
GEOG 3753	Asia (IS)	
GLST 3763	Africa (IS)	
GEOG 3763	Africa (IS)	
GLST 3783	The Middle East (IS)	
GEOG 3783	The Middle East (IS)	
<i>Additional GEOG/GLST courses</i>		
Select 6 hours		6
<i>Upper-division GEOG/GLST or foreign language</i>		
Select 3 hours		3

*Pre-Ministry-related courses (15 hours):*

9 hours upper-division REL courses, with at least 3 hours from courses with a non-Western emphasis 9

6 hours Culture and Society courses - choose any 2 non-GEOG courses: 6

AMST 3253	Globalization and American Culture (H)
AMST 3423	American Popular Culture (H)
AMST 3473	Race, Gender, and Ethnicity in American Film (D)
CPSY 3003	Introduction to Counseling and Related Professions
CPSY 4443	Cultural Diversity in Professional Life (D)
HIST 3363	Popular Religion in the West, 1300-1700 (H)
HIST 3583	Minorities and Diversity in the Middle East (H)
HIST 3593	Introduction to Museum and Cultural Studies (H)
PHIL 1213	Philosophies of Life (H)
PHIL 3613	Philosophy of Religion (H)
REL 1103	Introduction to World Religions (HI)
REL 3713	Religion, Culture and Society
SOC 3713	Religion, Culture and Society
SOC 4043	Gender and Work (DS)
SOC 4533	World Population Problems
SOC 4653	Gender and the Middle East (IS)
SOC 4383	Social Stratification (S)
SOC 4723	Sociology of Families (S)

**Hours Subtotal** 44

**Electives**

14 hours of Electives 14

May need to include 6 hours upper-division general education outside major department (see note 2.c.) and one additional upper-division hour.

MATH 1483 or MATH 1513 required for students who do not place directly into STAT.

**Hours Subtotal** 14

**Total Hours** 120

1

College and Department Requirements that may be used to meet General Education Requirements.

## Other Requirements

- See the College of Arts and Sciences Requirements.
- Minimum 2.00 GPA in all GEOG and GLST courses.
- **Upper-Division Credit:** Total hours must include at least 40 hours in courses numbered 3000 or above.
- **Hours in One Department:** For B.A. and B.S. degrees, no more than 54 hours in one department may be applied to degree requirements.

## College of Arts and Sciences Requirements

### 1. General Education Requirements

No more than two courses (or eight hours) from the major department (<http://catalog.okstate.edu/college-arts-sciences-major->

departments/) may be used to meet General Education and College and Departmental Requirements. The General Education required English Composition, required U.S. History, required American Government, one required MATH or STAT course, and required foreign language for B.A. degrees do not count against the two-course maximum.

### 2. A&S College/Departmental Requirements

- Arts and Humanities are defined as any course carrying an (H) designation or courses from AMST, ART, DANC, ENGL (except ENGL 3323 Technical Writing) HIST, MUSI, PHIL (except PHIL 1313 Logic and Critical Thinking (A), PHIL 3003 Symbolic Logic (A) and PHIL 4003 Mathematical Logic and Computability), REL, TH, and foreign languages.
- Natural and Mathematical Sciences are defined as any course from the following prefixes: ASTR, BIOC, BIOL, CHEM, CS (except CS 4883 Social Issues in Computing), GEOL, MATH, MICR, PBIO, PHYS, and STAT; or courses from other departments that carry an (A) or (N) general education designation.
- The required six hours of upper-division General Education may not include courses from the student's major department. This requirement may be satisfied by courses also used to satisfy any part of a student's degree program (i.e., in General Education, College Departmental Requirements, Major Requirements or Electives).
- Non-Western Studies Requirement for B.A. and B.F.A.; One 3-hour course in Non-Western Studies (N.W.). This requirement may be satisfied by courses also used to satisfy any part of a student's degree program (i.e., in General Education, College Departmental Requirements, Major Requirements or Electives).
- The College of Arts & Sciences requires a minimum 2.0 GPA in all major requirements and a minimum 2.0 GPA in all major-prefix courses applied to the degree.

### 3. Foreign Language Proficiency

- The foreign language requirement for the B.A. may be satisfied by 9 hours college credit in the same language, which must include 3 hours at the 2000-level, or equivalent proficiency (e.g., passing an advanced standing examination; TOEFL exam; presenting a high school transcript which demonstrates the high school was primarily conducted in a language other than English; etc.). Computer Science courses may not be used to satisfy this requirement. Currently Arabic and Mvskoke are not offered at the 2000-level at OSU.
- The foreign language requirement for the B.S., B.M. and B.F.A. may be satisfied by presenting a high school transcript which demonstrates two years of study of a single foreign language (passing grades at second-year level of study). It may also be satisfied by 6 hours college credit in the same language, which must include language courses 1713 and 1813, or equivalent proficiency (e.g., passing an advanced standing examination; TOEFL exam; presenting a high school transcript which demonstrates the high school was primarily conducted in a language other than English; etc.). Computer Science courses may not be used to satisfy this requirement.
- In addition to a. and b., students pursuing teacher certification must meet novice-high foreign language proficiency by presenting a high school transcript which demonstrates two years of study of a single foreign language with no grade below B. Or, students may complete 3 hours college credit in a single language with no grade below C (or pass an advanced standing examination, College Level Examination Program (CLEP) exam,

or Oral Proficiency Interview developed by the American Council on the Teaching of Foreign Languages, equivalent to 3 hours of college credit.) Or, students may meet the requirement by transfer of documentation of meeting the foreign language competency from one of the teacher education programs in the State of Oklahoma approved by the Oklahoma State Regents for Higher Education.

#### 4. Exclusions

- Courses used to satisfy the General Education English Composition, U.S. History, American Government, and Mathematics or Statistics requirements will not count toward the 54-hour maximum allowed from one department.
- Courses with ATHL or LEIS prefixes and leisure activity courses may not be used for degree credit.

## Additional State/OSU Requirements

- At least: 60 hours at a four-year institution; 30 hours completed at OSU; 15 of the final 30 or 50% of the upper-division hours in the major field completed at OSU.
- Limit of: one-half of major course requirements as transfer work; one-fourth of hours earned by correspondence; 8 transfer correspondence hours.
- Students will be held responsible for degree requirements in effect at the time of matriculation and any changes that are made, so long as these changes do not result in semester credit hours being added or do not delay graduation.
- Degrees that follow this plan must be completed by the end of Summer 2028.

## Example Plan of Study Finish in Four Plan of Study

The plan below is an example of how students can successfully complete degree requirements in four years. This suggested class schedule plan may be used as a guide and can be adjusted based on individual needs. Students are required to meet with an academic advisor prior to enrollment each semester to plan their class schedule, and students are ultimately responsible for completing all degree requirements.

Course	Title	Hours
<b>Freshman</b>		
<b>Fall</b>		
GEOG 1113	Introduction to Cultural Geography (IS)	3
GEOG 1114	Physical Geography (LN)	4
1713	First Semester Foreign Language	3
General Education courses		4
<b>Hours</b>		<b>14</b>
<b>Spring</b>		
STAT 2053 or STAT 2013 or STAT 2023	Elementary Statistics for the Social Sciences (A) or Elementary Statistics (A) or Elementary Statistics for Business and Economics (A)	3
GEOG 1713	Regions & Nations in Global Context (IS)	3
1813	Second Semester Foreign Language	3
General Education courses		7
<b>Hours</b>		<b>16</b>
<b>Sophomore</b>		
<b>Fall</b>		
GLST 2002	Global Sustainability (N)	2
2000-level	Foreign Language	3

General Education courses		10
<b>Hours</b>		<b>15</b>
<b>Spring</b>		
GLST 2103	Global Perspectives (IS)	3
Major, College, and Elective courses		12
<b>Hours</b>		<b>15</b>
<b>Junior</b>		
<b>Fall</b>		
Major, College, and Elective courses		15
<b>Hours</b>		<b>15</b>
<b>Spring</b>		
Major, College, and Elective courses		15
<b>Hours</b>		<b>15</b>
<b>Senior</b>		
<b>Fall</b>		
Major, College, and Elective courses		15
<b>Hours</b>		<b>15</b>
<b>Spring</b>		
GLST 4513	Senior Capstone Experience	3
Major, College, and Elective courses		12
<b>Hours</b>		<b>15</b>
<b>Total Hours</b>		<b>120</b>

## Boone Pickens School of Geology

Earth is the residence of all life including the human race; therefore, it is essential to develop a better understanding of its composition, internal, and external processes. Earth is an outdoor laboratory filled with opportunities to observe geologic processes in action. By applying knowledge of forces that shape Earth, geoscientists seek to reconstruct the past and anticipate the future. Geoscientists provide information to society for solving problems and establishing policy for resource management, environmental protection, and public health, safety and welfare.

Geology addresses how Earth's history helps predict future events, how evolution of life is recorded in rocks and sediments and how erosion and uplift shape the Earth. Human activities, predominantly on or near the surface, have utilized rocks and rock products, mainly petroleum and metals, to contribute to the quality of life. Because the Earth is dynamic—the land surface is constantly changing—knowledge of earthquakes, volcanoes, plate tectonics, floods and landslides, is critical to minimize human suffering and economic loss. Within geology, specialties such as petroleum geology, ground-water geology (hydrogeology), geomorphology (study of surface processes), structural geology, and paleontology (study of fossils), allow geoscientists to develop exciting careers focusing on the sub-disciplines they love.

Geophysics is a discovery science of the earth and other planets using state-of-the-art technology that integrates geology, mathematics, physics, and computer modeling. Geophysicists explore the earth's natural resources such as oil, gas, minerals, and groundwater and detect earthquakes, cavities, and contaminate hazards aiding to societal and environmental sustainability. A Bachelor's of Science in geophysics prepares students for graduate school as well as prestigious careers in the environmental, energy and regulatory industries.

The Boone Pickens School of Geology offers traditional academic degree programs for BS, Accelerated MS, MS, and PhD students and also conducts various campus and community outreach events. Geology and Geophysics majors are provided a quality education designed to develop leadership skills and enhance employment opportunities. Research areas for faculty of the Boone Pickens School of Geology include: continental tectonics, conventional and unconventional energy resources, environmental and engineering geology and geophysics, carbon sequestration, paleoclimatology, and satellite remote sensing. In these areas, the school has already established a sound infrastructure—appropriate faculty appointments, advanced laboratories and technologies, and a high volume of scholarly productivity. Full-time Geology and Geophysics undergraduates are eligible for departmental scholarships based on academic achievement and financial need. Teaching assistantships, research assistantships and fellowships are available for qualifying geology graduate students.

Geologists and Geophysicists are employed extensively in applied and pure research topics as well as in teaching. Applied research includes the exploration for, and development of, oil and gas fields, metallic and nonmetallic mineral deposits, and reservoirs of ground water. The geologists and geophysicists are well prepared to pursue and direct environmental and energy studies. Careers in research may be found with private employers, government agencies, national laboratories, or universities. Teaching positions in geology and geophysics are available at all levels, beginning with secondary education. As with most other sciences, more employment opportunities will be available to students with advanced training and a broad background. In general, careers as

teachers in a college or university and in research are open only to those with graduate training.

## Courses

### GEOL 1003 The Story of Dinosaurs (N)

**Description:** This course will explore the validity of arguments and/or conclusion in dinosaur research through evaluating the scientific evidence. In this course, students will read, experiment, and evaluate scientific literature surrounding dinosaurs.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Geology

**General Education and other Course Attributes:** Natural Sciences

### GEOL 1013 Exploring Earth: An Introduction to Geology (LN)

**Description:** An introductory course for non-science majors which will investigate how chemical, physical and biological processes interact to shape and regulate the Earth's environment. Will build your understanding of how each part of the Earth system – the ocean, atmosphere and interior – work and interact over time.

**Credit hours:** 3

**Contact hours:** Lecture: 2 Lab: 2 Contact: 4

**Levels:** Undergraduate

**Schedule types:** Lab, Lecture, Combined lecture and lab

**Department/School:** Geology

**General Education and other Course Attributes:** Scientific Investigation, Natural Sciences

### GEOL 1014 Geology and Human Affairs (LN)

**Description:** The influence of geology and related earth sciences on the human environment. Energy and material resources, beneficial and hazardous natural processes, and the planetary and biological evolution of earth. Lab investigations environmentally oriented. Lab fees required for online section.

**Credit hours:** 4

**Contact hours:** Lecture: 3 Lab: 2 Contact: 5

**Levels:** Undergraduate

**Schedule types:** Lab, Lecture, Combined lecture and lab

**Department/School:** Geology

**General Education and other Course Attributes:** Scientific Investigation, Natural Sciences

### GEOL 1022 Climate Change and Humanity (N)

**Description:** Focus on the development of scientific inquiry and critical thinking skills needed to evaluate complex relationships among climate, energy production, and the environment. Students will explore causes and consequences of climate change and consider climate change science from alternative perspectives. Same course as GEOG 1022.

**Credit hours:** 2

**Contact hours:** Lecture: 2 Contact: 2

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Geology

**General Education and other Course Attributes:** Natural Sciences



**GEOL 1114 Physical Geology (LN)**

**Prerequisites:** MATH 1483 or MATH 1513 or higher; or an acceptable math placement score or AP credit (see <http://placement.okstate.edu>).

**Description:** Composition and structure of the earth and the modification of its surface by internal and external processes. Mineral resources, sources of energy, and environmental aspects of geology. Recommended introductory course for science majors. Field trip required.

**Credit hours:** 4

**Contact hours:** Lecture: 3 Lab: 2 Contact: 5

**Levels:** Undergraduate

**Schedule types:** Lab, Lecture, Combined lecture and lab

**Department/School:** Geology

**General Education and other Course Attributes:** Scientific Investigation, Natural Sciences

**Additional Fees:** Geology Field Trip fee of \$45 applies.

**GEOL 1224 Evolution of the Earth (LN)**

**Prerequisites:** High school biology and chemistry recommended.

**Description:** A survey of the physical and biological history of the Earth from the coalescence of the solar system to the present. Field trips required.

**Credit hours:** 4

**Contact hours:** Lecture: 3 Lab: 2 Contact: 5

**Levels:** Undergraduate

**Schedule types:** Lab, Lecture, Combined lecture and lab

**Department/School:** Geology

**General Education and other Course Attributes:** Scientific Investigation, Natural Sciences

**Additional Fees:** Geology Field Trip fee of \$25 applies.

**GEOL 2030 Geologic Field Experience**

**Description:** One to three weeks of required field study at sites of geological interest and significance. Field trip charges apply. Offered for variable credit, 1-3 credit hours, maximum of 6 credit hours.

**Credit hours:** 1-3

**Contact hours:** Contact: 1-3 Other: 1-3

**Levels:** Undergraduate

**Schedule types:** Independent Study

**Department/School:** Geology

**GEOL 2103 Fundamentals of Geophysics**

**Prerequisites:** Minimum grade of "C" in PHYS 1114 or PHYS 2014 and GEOL 1014 or GEOL 1114.

**Description:** Course will introduce students to the basic concepts of geophysics. Students will gain theoretical and field experience with multiple geophysical techniques, such as: gravity, magnetic, seismic reflection/refraction, electrical resistivity, induced polarization, self-potential, ground penetrating radar and radiometrics and their applications in oil and gas, minerals, groundwater, and the environment. Field trip required.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Geology

**GEOL 2254 Practical Mineralogy**

**Prerequisites:** GEOL 1014 or GEOL 1114 and CHEM 1314 or CHEM 1414 completed with a grade of "C" or higher.

**Description:** Hand-specimen identification of minerals using physical and chemical properties. Introductory optical identification of common rock forming minerals. Society's utilization of mineral resources. Field trips required. May not be used for degree credit with GEOL 2464.

**Credit hours:** 4

**Contact hours:** Lecture: 3 Lab: 2 Contact: 5

**Levels:** Undergraduate

**Schedule types:** Lab, Lecture, Combined lecture and lab

**Department/School:** Geology

**GEOL 2364 Igneous and Metamorphic Petrology**

**Prerequisites:** GEOL 2254 completed with a grade of "C" or higher.

**Description:** Origin, occurrence and classification of igneous and metamorphic rocks; hand-specimen and thin section identification. Optional field trip. May not be used for degree credit with GEOL 2464.

**Credit hours:** 4

**Contact hours:** Lecture: 3 Lab: 3 Contact: 6

**Levels:** Undergraduate

**Schedule types:** Lab, Lecture, Combined lecture and lab

**Department/School:** Geology

**GEOL 2403 Chemistry of Earth Systems**

**Prerequisites:** Minimum grade of "C" in (GEOL 1014 or GEOL 1114) and (CHEM 1314 or CHEM 1414).

**Description:** This course will teach the basics of geochemistry as applied to Earth Systems, including topics and concerns related to the atmosphere, geosphere, biosphere, hydrosphere, and anthroposphere. Basic lab and field skills will also be introduced, including fundamentals of environmental measurement practices, geochemical instrumentation, and basic water and sediment sampling techniques.

**Credit hours:** 3

**Contact hours:** Lecture: 2 Lab: 2 Contact: 4

**Levels:** Undergraduate

**Schedule types:** Lab, Lecture, Combined lecture and lab

**Department/School:** Geology

**GEOL 2464 Rocks and Minerals**

**Prerequisites:** (GEOL 1114 or GEOL 1013 or GEOL 1014 or GEOL 3413) and (CHEM 1314 or CHEM 1414 or acceptable AP credit).

**Description:** Origin, occurrence and classification of igneous, sedimentary and metamorphic rocks and minerals; hand-specimen and thin section identification, including optical microscopy. Field trip required. May not be used for degree credit with GEOL 2254 and GEOL 2364.

**Credit hours:** 4

**Contact hours:** Lecture: 3 Lab: 2 Contact: 5

**Levels:** Undergraduate

**Schedule types:** Lab, Lecture, Combined lecture and lab

**Department/School:** Geology

**Additional Fees:** GEOL 2464 Field Trip fee of \$75 applies.

**GEOL 2773 Introduction to Planetary Geology (N)**

**Description:** Introduction to the geology of terrestrial planets and moons, exploring volcanism, plate tectonics, atmospheres, and planetary formation, as well as how meteorites and asteroids give insight into the formation of planetary systems.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Geology

**General Education and other Course Attributes:** Natural Sciences



### **GEOL 2890 Honors Experience in Geology**

**Prerequisites:** Honors Program participation and concurrent enrollment in designated course(s).

**Description:** A supplemental Honors experience in Geology to partner concurrently with designated lower-division GEOL course(s). This course adds a different intellectual dimension to designated course(s). Offered for fixed credit, 1 credit hour.

**Credit hours:** 1

**Contact hours:** Lecture: 1 Contact: 1

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Geology

**General Education and other Course Attributes:** Honors Credit

### **GEOL 2990 Special Topics in Earth Science (N)**

**Description:** Selected topics in Geoscience presented in lecture or seminar format. Offered for variable credit, 1-3 credit hours, maximum of 6 credit hours.

**Credit hours:** 1-3

**Contact hours:** Lecture: 1-3 Contact: 1-3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Geology

**General Education and other Course Attributes:** Natural Sciences

### **GEOL 3014 Structural Geology**

**Prerequisites:** Minimum grade of "C" in GEOL 1114 and (PHYS 1114 or PHYS 2014 or acceptable AP credit).

**Description:** Behavior of earth materials during various deformational processes and analysis of the resulting structural features such as folds, faults and fractures.

**Credit hours:** 4

**Contact hours:** Lecture: 3 Lab: 3 Contact: 6

**Levels:** Undergraduate

**Schedule types:** Lab, Lecture, Combined lecture and lab

**Department/School:** Geology

**Additional Fees:** Geology Field Trip fee of \$40 applies.

### **GEOL 3034 Principles of Stratigraphy and Sedimentology**

**Prerequisites:** GEOL 1224 and GEOL 2464 each with a grade of "C" or higher.

**Description:** Principles of stratigraphy and their applications. Survey of sedimentary rock types, principles of description and classification, origin of sedimentary deposits, analysis of stratigraphic sequences. Topics include depositional systems; litho- and biostratigraphy; geochronology and chronostratigraphy; magnetic, seismic, and sequence stratigraphy; tectonic vs. climatic controls. Field work required. Previously offered as GEOL 3033.

**Credit hours:** 4

**Contact hours:** Lecture: 3 Lab: 3 Contact: 6

**Levels:** Undergraduate

**Schedule types:** Lab, Lecture, Combined lecture and lab

**Department/School:** Geology

**Additional Fees:** Geology Field Trip fee of \$85 applies.

### **GEOL 3043 Geology of the National Parks (N)**

**Description:** The geologic characteristics of national parks and scenic regions in North America and throughout the world. Intended for non-majors.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Geology

**General Education and other Course Attributes:** Natural Sciences

### **GEOL 3073 Geomorphology**

**Prerequisites:** GEOL 1013 or GEOL 1014 or GEOL 1114 or GEOG 1114.

**Description:** This course will outline key concepts in geomorphology including how different geological processes have shaped and are shaping the surface of the Earth. Summary of different geomorphological research methods. Discussion on how exogenic processes such as water, glacier and wind weathering produce different landscapes. Discussion on how endogenic processes such as volcanism and tectonism contributes to geomorphological changes. Discussion of how geomorphological changes affect the climate. May not be used for degree credit with GEOL 5073.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Geology

**Additional Fees:** Geology Field Trip fee of \$45 applies.

### **GEOL 3103 Paleontology**

**Description:** Basic principles of paleontology involving invertebrates, vertebrates and plants. Course will explore the mechanisms and manifestations of evolution in the fossil record, learn key aspects of fossilized organism identification, and assess paleontology interpretations through hands-on experiential learning exercises. Field trips required.

**Credit hours:** 3

**Contact hours:** Lecture: 2 Lab: 2 Contact: 4

**Levels:** Undergraduate

**Schedule types:** Lab, Lecture, Combined lecture and lab

**Department/School:** Geology

**Additional Fees:** Geology Field Trip fee of \$125 applies.

### **GEOL 3413 Petroleum Geology for Engineers**

**Prerequisites:** CHEM 1314 or CHEM 1414 with a grade of "C" or better.

**Description:** Examination of the fundamental concepts of petroleum geology with an emphasis on applications to drilling and reservoir engineering. Topics include reservoir architecture, traps and seals, the subsurface environment, wireline logs, geophysics and depositional systems. Field trip required. No degree credit for geology majors.

**Credit hours:** 3

**Contact hours:** Lecture: 2 Lab: 2 Contact: 4

**Levels:** Undergraduate

**Schedule types:** Lab, Lecture, Combined lecture and lab

**Department/School:** Geology

**Additional Fees:** GEOL Course Field Trip fee of \$30 applies.

**GEOL 3503 Environmental Geology (N)**

**Prerequisites:** GEOL 1114 or consent of instructor.

**Description:** Application of geologic principles to environmental issues, including human use of the surface and subsurface of the earth and human interaction with extreme natural events such as earthquakes, floods and landslides. Field trip is required.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Geology

**General Education and other Course Attributes:** Natural Sciences

**Additional Fees:** Geology Field Trip fee of \$38 applies.

**GEOL 3513 Earthquakes, Volcanoes, and Disasters (N)**

**Description:** An examination of the causes and effects of natural disasters related to earthquakes, volcanic activity, severe weather, flooding and other natural disasters. The course also examines the effects of these natural hazards on societies and approaches to mitigate the associated risks.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Geology

**General Education and other Course Attributes:** Natural Sciences

**GEOL 3546 Field Geology**

**Prerequisites:** Minimum grade of "C" in GEOL 3014 and GEOL 3034.

**Description:** Five weeks of field methods in geology. Required of all geology majors. Transportation and room and board fees required.

**Credit hours:** 6

**Contact hours:** Lab: 12 Contact: 12

**Levels:** Undergraduate

**Schedule types:** Lab

**Department/School:** Geology

**GEOL 3890 Advanced Honors Experience in Geology**

**Prerequisites:** Honors Program participation and concurrent enrollment in designated course(s).

**Description:** A supplemental Honors experience in Geology to partner concurrently with designated upper-division GEOL course(s). This course adds a different intellectual dimension to designated course(s). Offered for fixed credit, 1 credit hour, maximum of 8 credit hours.

**Credit hours:** 1

**Contact hours:** Lecture: 1 Contact: 1

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Geology

**General Education and other Course Attributes:** Honors Credit

**GEOL 4023 Petroleum Geology**

**Prerequisites:** GEOL 3014 and GEOL 3034.

**Description:** Origin, migration and accumulation of petroleum, requirements for source rock, reservoir rock and traps. Structure and stratigraphy of selected oil fields. Field trips required. May not be used for degree credit with GEOL 5023.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Geology

**Additional Fees:** Geology Field Trip fee of \$150 applies.

**GEOL 4030 Geologic Field Investigation**

**Prerequisites:** GEOL 1013, GEOL 1014, GEOL 1114 or GEOL 1224.

**Description:** One to three weeks of required field study at sites of geological interest and significance. Field trip charges apply. Does not substitute for GEOL 3546. Offered for variable credit, 1-3 credit hours, maximum of 6 credit hours.

**Credit hours:** 1-3

**Contact hours:** Lecture: 1-3 Contact: 1-3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Geology

**GEOL 4103 Introduction to Geophysical Exploration**

**Prerequisites:** MATH 2153 and a "C" or better in PHYS 1214 or PHYS 2114 or acceptable AP credit.

**Description:** An overview of geophysical methods and their applications to exploration, environmental and engineering problems. Seismic reflection and refraction methods, gravity, magnetic, resistivity and electromagnetic methods. A field trip required. May not be used for degree credit with GEOL 5103.

**Credit hours:** 3

**Contact hours:** Lecture: 2 Lab: 2 Contact: 4

**Levels:** Undergraduate

**Schedule types:** Lab, Lecture, Combined lecture and lab

**Department/School:** Geology

**GEOL 4113 Seismic Interpretation**

**Prerequisites:** Minimum grade of "C" in GEOL 2103 and MATH 2153 and (PHYS 1214 or PHYS 2114).

**Description:** Examination of the reflection seismic interpretation methods with emphasis on the oil and gas industry. Both structural and stratigraphic methods. Hands-on interpretation using a standard industry software package. May not be used for degree credit with GEOL 5213.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Geology

**GEOL 4213 Plate Tectonics**

**Prerequisites:** GEOL 3014 with a grade of "C" or higher.

**Description:** Earth's evolution within the framework of plate tectonics. Examination of structural associations in relation to tectonic plate boundaries. Mechanisms for plate tectonics and implication for resources and the environment. May not be used for degree credit with GEOL 6213.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Geology

**GEOL 4300 Geology Colloquium**

**Prerequisites:** Geology majors only.

**Description:** Discussion of selected topics in the geological sciences with emphasis on professional presentation practices. Offered for fixed credit, 1 credit hour, maximum of 4 credit hours.

**Credit hours:** 1

**Contact hours:** Contact: 1 Other: 1

**Levels:** Undergraduate

**Schedule types:** Independent Study

**Department/School:** Geology

**GEOL 4303 Geophysical Field Methods****Prerequisites:** GEOL 4103.**Description:** Hands-on field investigations using the different geophysical surveying methods including electrical resistivity/induced polarization, self potential, electromagnetic, ground penetrating radar, gravity, magnetic, and seismic reflection and refraction. Instrumentation, field data acquisition, and interpretation will be emphasized. Several field trips and field projects required.**Credit hours:** 3**Contact hours:** Lecture: 2 Lab: 2 Contact: 4**Levels:** Undergraduate**Schedule types:** Lab, Lecture, Combined lecture and lab**Department/School:** Geology**GEOL 4313 Introduction to Well Log Analysis****Prerequisites:** GEOL 3034 with a grade of C or better.**Description:** Introduction for undergraduate Geology majors to basic properties of wireline well logs, including identification of lithology, influence of borehole fluids, porosity and permeability on well log properties. Some exercises involve concurrent interpretation of well logs and core samples. Course includes lectures, in-class exercises, homework and exams. No credit for students who have completed GEOL 4323 or GEOL 5353.**Credit hours:** 3**Contact hours:** Lecture: 3 Contact: 3**Levels:** Undergraduate**Schedule types:** Lecture**Department/School:** Geology**GEOL 4323 Applied Well Log Analysis for Engineers****Prerequisites:** GEOL 3413 with a grade of "C" or higher.**Description:** This is a core course for the Minor in Petroleum Engineering. Course material builds on information to prerequisite course Geology 3413. This course covers geologic interpretation of reservoir characteristics based on a variety of well logs; quantitative determination of porosity and permeability, reservoir fluids and how they influence well log properties, calculation of water saturation, introduction to unconventional reservoirs, drilling and logging in lateral holes. May not be used for degree credit with GEOL 4313 or GEOL 5353.**Credit hours:** 3**Contact hours:** Lecture: 3 Contact: 3**Levels:** Undergraduate**Schedule types:** Lecture**Department/School:** Geology**GEOL 4343 Advanced Petrophysics****Prerequisites:** Minimum grade of "C" in PHYS 2014.**Description:** Provides theoretical background on physical, chemical, and electrical principles involved in routine core analysis (RCA) and special core analysis (SCAL) generic data acquisition, as well as practical experience in applying computational methods to infer petrophysical properties of rocks from RCA and SCAL data. May not be used for degree credit with GEOL 5343.**Credit hours:** 3**Contact hours:** Lecture: 3 Contact: 3**Levels:** Undergraduate**Schedule types:** Lecture**Department/School:** Geology**GEOL 4403 Geochemistry****Prerequisites:** GEOL 2403 or (GEOL 1014 or GEOL 1114 and CHEM 1515 or concurrent enrollment).**Description:** This course is designed to help students comprehend the major chemical components of natural environments and to apply fundamental principles to understand the main controls on the chemistry of pristine and polluted soil, surface, and ground water environments. May not be used for degree credit with GEOL 5403.**Credit hours:** 3**Contact hours:** Lecture: 2 Lab: 2 Contact: 4**Levels:** Undergraduate**Schedule types:** Lab, Lecture, Combined lecture and lab**Department/School:** Geology**GEOL 4423 Groundwater Geochemistry****Prerequisites:** Minimum grade of "C" in CHEM 1314 and MATH 2144.**Description:** Provides, theoretical background to apply geochemical principles to understand and solve groundwater quality problems, as well as practical experience in applying computational methodologies and tools to predict the response of groundwater systems to natural and anthropogenic disturbances. May not be used for degree credit with GEOL 5423.**Credit hours:** 3**Contact hours:** Lecture: 3 Contact: 3**Levels:** Undergraduate**Schedule types:** Lecture**Department/School:** Geology**GEOL 4433 Applied Geostatistics****Prerequisites:** MATH 2144 with a grade of "C" or higher.**Description:** Application of geostatistical principles and tools to solve geology problems associated with the uncertainty and spatial variability of geological data. The focus is on petroleum and hydrological systems. May not be used for degree credit with GEOL 5333.**Credit hours:** 3**Contact hours:** Lecture: 3 Contact: 3**Levels:** Undergraduate**Schedule types:** Lecture**Department/School:** Geology**GEOL 4443 Environmental Geophysics****Prerequisites:** A minimum grade of "C" in MATH 2144 and (PHYS 1114 or PHYS 2014 or GEOL 2103).**Description:** This course addresses environmental and engineering geophysical applications to geological characterization in (1) groundwater, aquifer delineation and contaminant migration, (2) slope stability and engineering site characterization, (3) detection of abandoned landfills, underground storage tanks, UXO, (4) earthquake, sinkholes, and land subsidence hazards, and/or (5) non-invasive archeological site assessment. Students will gain hands-on experiences in both collecting geophysical data in the field and processing real field data in the lab. Field trips required. May not be used for degree credit with GEOL 5443.**Credit hours:** 3**Contact hours:** Lecture: 2 Lab: 2 Contact: 4**Levels:** Undergraduate**Schedule types:** Lab, Lecture, Combined lecture and lab**Department/School:** Geology

**GEOL 4453 Hydrogeology**

**Prerequisites:** Minimum grade of "C" or better in PHYS 1114 or PHYS 2014.

**Description:** The water cycle and ground-water systems as well as general problems related to ground-water occurrence, quantity, quality and pollution. Field trip required.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Geology

**Additional Fees:** Geology Field Trip fee of \$75 applies.

**GEOL 4463 Physical Hydrogeology**

**Prerequisites:** GEOL 4453 or similar; PHYS 2114.

**Description:** Physical ground-water systems. Realistic problems to acquaint students with ground-water occurrence and movement. Geologic, geophysical, hydraulic testing and modeling techniques used to define an actual ground-water system. Ground-water regulations. Field trips required.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Geology

**Additional Fees:** Geology Field Trip fee of \$100 applies.

**GEOL 4503 Introduction to Oceanography (N)**

**Prerequisites:** College-level chemistry recommended.

**Description:** Oceanography is an interdisciplinary field incorporating geology, physics, chemistry, and biology. This class will introduce students to oceanic and sedimentary processes, including plate tectonics, oceanic circulation, seawater chemistry, beaches and coastlines, benthic/pelagic sea life, and environmental concerns. Students will also discuss social, political, and economic topics that relate to the ocean.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Geology

**General Education and other Course Attributes:** Natural Sciences

**GEOL 4513 Marine Geology**

**Prerequisites:** Minimum grade of "C" in: GEOL 3034 and PHYS 1114 or PHYS 2014.

**Description:** Comprehensive examination of the geology of the ocean basins. Topics include techniques of data collection and interpretation; shoreline, shelf and deep ocean processes; physical oceanography; origin and distribution of marine sediments; paleoceanography; marine mineral resources; marine tectonics and ocean history. May not be used for degree credit with GEOL 5513.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Geology

**GEOL 4543 Introduction to Exploration Seismology**

**Prerequisites:** Minimum grade of "C" or better in GEOL 2103 and MATH 2153 and (PHYS 1214 or PHYS 2114).

**Description:** Introduction to theory, techniques, and application of seismic to field of hydrocarbon, groundwater, and minerals exploration. Review of fundamentals of wave propagation, historical development of the science, and current literature on application and instrumentation. May not be used for degree credit with GEOL 5543.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Geology

**GEOL 4573 Marine Biogeochemical Cycles**

**Prerequisites:** GEOL 3034 with a grade of "C" or better and GEOL 4403 or concurrent enrollment.

**Description:** Analysis of the interactions between geological processes, biological activity, and chemical cycling for a range of elements. Limited discussion of atmospheric, terrestrial, and freshwater systems as they impact the oceans will also be discussed. Includes discussions of changes in elemental cycles through Earth's history and comparison to present-day patterns. May not be used for degree credit with GEOL 5573.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Geology

**GEOL 4583 Environmental Data Analytics**

**Prerequisites:** Minimum grade of "C" in MATH 2144.

**Description:** Provides theoretical background and practical experience in extracting meaning from complex and heterogeneous environmental data sources to understand and manage the natural environment (geosphere, hydrosphere, biosphere, and atmosphere). May not be used for degree credit with GEOL 5583.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Geology

**GEOL 4613 Magmatism and Metmorphism**

**Description:** Exploration of the processes and environments in which magmatic and metamorphic rocks form, using aspects of mineralogy, petrology, geochemistry and plate tectonics. Will include lab and field examination of rocks, use of phase diagrams, thermodynamics and geochemical data. Field Trip required.

**Credit hours:** 3

**Contact hours:** Lecture: 2 Lab: 2 Contact: 4

**Levels:** Undergraduate

**Schedule types:** Lab, Lecture, Combined lecture and lab

**Department/School:** Geology

**GEOL 4643 Seismic Data Processing****Prerequisites:** Minimum grade of "C" in GEOL 2103 and MATH 2144.**Description:** Theoretical background and practical training in the processing of seismic reflection and refraction data for petroleum, environmental, and engineering applications. Hands-on digital data processing using standard industry software. Topics to be covered include digital filtering, statics corrections, velocity analysis, deconvolution, stacking, and migration. May not be used for degree credit with GEOL 5643.**Credit hours:** 3**Contact hours:** Lecture: 3 Contact: 3**Levels:** Undergraduate**Schedule types:** Lecture**Department/School:** Geology**GEOL 4673 Economic Geology****Prerequisites:** GEOL 2464 with a grade of "C" or better.**Description:** The distribution, geological setting and genesis of metalliferous and non-metalliferous mineral deposits of economic value. Factors controlling the formation of these deposits and the linkages with many other geologic processes covered in other courses are explored.**Credit hours:** 3**Contact hours:** Lecture: 2 Lab: 2 Contact: 4**Levels:** Undergraduate**Schedule types:** Lab, Lecture, Combined lecture and lab**Department/School:** Geology**GEOL 4753 Volcanology****Prerequisites:** GEOL 2464 completed with a grade of "C" or higher.**Description:** Examination of volcanic processes, products, and structures on Earth and other terrestrial bodies. Optional field trip. May not be used for degree credit with GEOL 5753.**Credit hours:** 3**Contact hours:** Lecture: 3 Contact: 3**Levels:** Undergraduate**Schedule types:** Lecture**Department/School:** Geology**GEOL 4773 Planetary Geology (N)****Prerequisites:** GEOL 1114 (required) and GEOL 3073 (recommended).**Description:** Geology of planets and planetary bodies, including geomorphology, tectonics, geochemistry, and geophysics; perspectives on exploration; and life in the universe.**Credit hours:** 3**Contact hours:** Lecture: 3 Contact: 3**Levels:** Undergraduate**Schedule types:** Lecture**Department/School:** Geology**General Education and other Course Attributes:** Natural Sciences**GEOL 4981 Geoscience Internship****Prerequisites:** Consent of instructor.**Description:** Student participation in a research project during an internship in a Geoscience-related professional work setting. Graded on a pass/fail basis.**Credit hours:** 1**Contact hours:** Contact: 1 Other: 1**Levels:** Undergraduate**Schedule types:** Independent Study**Department/School:** Geology**GEOL 4990 Special Problems in Earth Science****Prerequisites:** Permission of instructor.**Description:** Individually designed study projects involving assigned reading, library work, field work, laboratory work or a combination of these. Field trips may be required. Offered for variable credit, 1-3 credit hours, maximum of 9 credit hours.**Credit hours:** 1-3**Contact hours:** Contact: 1-3 Other: 1-3**Levels:** Undergraduate**Schedule types:** Independent Study**Department/School:** Geology**GEOL 4993 Senior Honors Thesis****Prerequisites:** Departmental invitation, senior standing,**Description:** Honors Program participation. A guided reading and research program ending with an honors thesis under the direction of a senior faculty member, with second faculty reader and oral examination. Required for graduation with departmental honors in geology.**Credit hours:** 3**Contact hours:** Lecture: 3 Contact: 3**Levels:** Undergraduate**Schedule types:** Lecture**Department/School:** Geology**GEOL 5000 Master's Thesis****Prerequisites:** Approval of graduate committee.**Description:** Work toward master's thesis in geology. Offered for variable credit, 1-6 credit hours, maximum of 6 credit hours.**Credit hours:** 1-6**Contact hours:** Contact: 1-6 Other: 1-6**Levels:** Graduate**Schedule types:** Independent Study**Department/School:** Geology**GEOL 5023 Petroleum Geology****Prerequisites:** GEOL 3014 and GEOL 3034.**Description:** Origin, migration and accumulation of petroleum, requirements for source rock, reservoir rock and traps. Structure and stratigraphy of selected oil fields. Field trips required. May not be used for degree credit with GEOL 4023.**Credit hours:** 3**Contact hours:** Lecture: 3 Contact: 3**Levels:** Graduate**Schedule types:** Lecture**Department/School:** Geology**GEOL 5030 Geologic Field Investigation****Description:** One to three weeks of required field study at sites of geological interest and significance. Emphasis will be placed on applicability to graduate research. Field trip charges apply. Offered for variable credit, 1-3 credit hours, maximum of 6 credit hours.**Credit hours:** 1-3**Contact hours:** Lecture: 1-3 Contact: 1-3**Levels:** Graduate**Schedule types:** Lecture**Department/School:** Geology



**GEOL 5073 Geomorphology**

**Prerequisites:** GEOL 1013 or GEOL 1014 or GEOL 1114 or GEOG 1114.

**Description:** This course will outline key concepts in geomorphology including how different geological processes have shaped and are shaping the surface of the Earth. Summary of different geomorphological research methods. Discussion on how exogenic processes such as water, glacier and wind weathering produce different landscapes. Discussion on how endogenic processes such as volcanism and tectonism contributes to geomorphological changes. Discussion of how geomorphological changes affect the climate. May not be used for degree credit with GEOL 3073.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Graduate

**Schedule types:** Lecture

**Department/School:** Geology

**GEOL 5093 Quaternary Geology and Geochronology**

**Prerequisites:** GEOL 3034; MATH 1715 or equivalent; PHYS 2014 and PHYS 2114 or equivalent. All with a grade of "C" or higher.

**Description:** Examination of the causes and effects of climate change during the ice ages. Survey of dating methods applicable to the Quaternary, including radiocarbon and optical luminescence. Topics include the use of oxygen isotope proxy records, paleomagnetism, cosmogenic nuclides, isostasy and post-glacial rebound, causes of sea-level change, and ice age history.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Graduate

**Schedule types:** Lecture

**Department/School:** Geology

**GEOL 5100 Problems in Hydrogeology**

**Prerequisites:** GEOL 4453.

**Description:** Advanced problems in hydrogeology with emphasis on quantitative methods. Field trips may be required. Offered for variable credit, 1-4 credit hours, maximum of 8 credit hours.

**Credit hours:** 1-4

**Contact hours:** Contact: 1-4 Other: 1-4

**Levels:** Graduate

**Schedule types:** Independent Study

**Department/School:** Geology

**GEOL 5103 Introduction to Geophysical Exploration**

**Prerequisites:** MATH 2153 and a "C" or better in PHYS 1214 or PHYS 2114 or acceptable AP credit.

**Description:** An overview of geophysical methods and their applications to exploration, environmental and engineering problems. Seismic reflection and refraction methods, gravity, magnetic, resistivity and electromagnetic methods. Field trip required. May not be used for degree credit with GEOL 4103.

**Credit hours:** 3

**Contact hours:** Lecture: 2 Lab: 2 Contact: 4

**Levels:** Graduate

**Schedule types:** Lab, Lecture, Combined lecture and lab

**Department/School:** Geology

**GEOL 5133 Structural Styles in Oil and Gas Exploration**

**Prerequisites:** GEOL 3014 with a grade of "C" or higher.

**Description:** The theoretical, experimental and descriptive approach to structural styles formed by different tectonic stresses (i.e. extensional, contractional, strike-slip and salt tectonics) and their importance in oil and gas exploration. Course previously offered as GEOL 5203.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Graduate

**Schedule types:** Lecture

**Department/School:** Geology

**GEOL 5143 Geological Remote Sensing**

**Prerequisites:** GEOL 1013 or GEOL 1114 and PHYS 1114 or PHYS 2014 each with a minimum grade of "C".

**Description:** Many applications of remote sensing exist for geological and environmental issues, and this course introduces the techniques and processes including digital signal processing, statistical data extraction, image enhancement and classification. Students will experiment with different techniques and formulate a research project that can be answered using the techniques.

**Credit hours:** 3

**Contact hours:** Lecture: 2 Lab: 2 Contact: 4

**Levels:** Graduate

**Schedule types:** Lab, Lecture, Combined lecture and lab

**Department/School:** Geology

**GEOL 5183 Paleontology and Paleocyanographic Reconstruction**

**Prerequisites:** Graduate standing or permission of instructor.

**Description:** This course examines invertebrates, the process of fossilization, taphonomy, and fossil uses in paleontologic reconstructions and biostratigraphy. Students are instructed and expected to complete various sample preparation techniques used in fossil examination. This course has a lecture and lab component. Students in this course should have a basic understanding of biology and evolution. Major ideas and background information will be provided in this course so anyone interested is welcome.

**Credit hours:** 3

**Contact hours:** Lecture: 2 Lab: 2 Contact: 4

**Levels:** Graduate

**Schedule types:** Lab, Lecture, Combined lecture and lab

**Department/School:** Geology

**GEOL 5213 Seismic Interpretation**

**Prerequisites:** Minimum grade of "C" in GEOL 2103 and MATH 2153 and (PHYS 1214 or PHYS 2114).

**Description:** Examination of reflection seismic interpretation methods with emphasis on the oil and gas industry. Both structural and stratigraphic methods. Hands-on interpretation using a standard industry software package. Previously offered as GEOL 4203. May not be used for degree credit with GEOL 4113.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Graduate

**Schedule types:** Lecture

**Department/School:** Geology



**GEOL 5223 Advanced Methods in Structural Geology****Prerequisites:** GEOL 3014.**Description:** Techniques in modern structural geology are changing fast. Students in this course will learn to use cutting-edge techniques in structural analysis to solve problems in the geosciences. At the end of this course, you will have collected structural data using a digital data system, analyzed geodetic data to calculate strain, use data collected from uncrewed aerial vehicles to create digital elevation models and characterize fractures, and conduct traditional fracture analyses from outcrop data. Field trips required.**Credit hours:** 3**Contact hours:** Lecture: 3 Contact: 3**Levels:** Graduate**Schedule types:** Lecture**Department/School:** Geology**GEOL 5233 Trace Element Geochemistry****Prerequisites:** One year of chemistry and GEOL 4403 or equivalent and GEOL 3034 or equivalent.**Description:** Examination of the behavior of various trace elements in aqueous and sedimentary environments. Availability and mobility of trace elements, characterization of geochemical environments, and application to geologic problems.**Credit hours:** 3**Contact hours:** Lecture: 2 Lab: 2 Contact: 4**Levels:** Graduate**Schedule types:** Lab, Lecture, Combined lecture and lab**Department/School:** Geology**GEOL 5243 Research Methods and Techniques in Geosciences****Description:** Application of the scientific method to geosciences research; introduction to library and internet searches; writing competitive research proposals; managing research activities; and disseminating research results.**Credit hours:** 3**Contact hours:** Lecture: 2 Contact: 3 Other: 1**Levels:** Graduate**Schedule types:** Discussion, Combined lecture & discussion, Lecture**Department/School:** Geology**GEOL 5253 Petrology and Diagenesis of Clastic Rocks****Prerequisites:** GEOL 3034.**Description:** Examination of petrology and depositional facies of sandstones and shales. Identification of detrital and diagenetic constituents and determination of paragenetic sequence of diagenetic events. The effect of burial and thermal history on reservoir quality. Field trips required.**Credit hours:** 3**Contact hours:** Lecture: 3 Contact: 3**Levels:** Graduate**Schedule types:** Lecture**Department/School:** Geology**GEOL 5273 Depositional Systems****Prerequisites:** GEOL 3034, GEOL 3546.**Description:** Examination of the processes within depositional environments and the facies they form. Focus on the environmental interpretation of rocks, cores and seismic profiles based on their composition, texture, character, stacking pattern and sedimentary structures. Emphasis on clastic systems. Field trips required.**Credit hours:** 3**Contact hours:** Lecture: 3 Contact: 3**Levels:** Graduate**Schedule types:** Lecture**Department/School:** Geology**GEOL 5283 Subsurface Geologic Methods****Prerequisites:** GEOL 3014, GEOL 3034.**Description:** Use of subsurface geologic information from cores and well logs to prepare maps and identify oil and gas prospects. Field trips required.**Credit hours:** 3**Contact hours:** Lecture: 2 Lab: 2 Contact: 4**Levels:** Graduate**Schedule types:** Lab, Lecture, Combined lecture and lab**Department/School:** Geology**GEOL 5300 Geology Colloquium****Prerequisites:** Graduate standing.**Description:** Discussion of selected topics in the geological sciences with emphasis on professional presentation practices. Offered for fixed 1 credit hour, maximum of 2 credit hours.**Credit hours:** 1**Contact hours:** Contact: 1 Other: 1**Levels:** Graduate**Schedule types:** Independent Study**Department/School:** Geology**GEOL 5313 Plate Tectonics****Prerequisites:** GEOL 3014 with a grade of "C" or higher.**Description:** Study of the Earth's past and present tectonic environments within the framework of plate tectonics. Systematic examination of structural associations in relation to their spatial distributions around and within plate boundaries. Outlining the temporal evolution of the crust. Discussion on mechanisms for plate tectonics. Implication of plate tectonics in terms of resources and the environment. May not be used for degree credit with GEOL 4213.**Credit hours:** 3**Contact hours:** Lecture: 3 Contact: 3**Levels:** Graduate**Schedule types:** Lecture**Department/School:** Geology**GEOL 5333 Applied Geostatistics****Prerequisites:** MATH 2144 with a grade of "C" or higher.**Description:** Application of geostatistical principles and tools to solve geology problems associated with the uncertainty and spatial variability of geological data. The focus is on petroleum and hydrological systems. May not be used for degree credit with GEOL 4433.**Credit hours:** 3**Contact hours:** Lecture: 3 Contact: 3**Levels:** Graduate**Schedule types:** Lecture**Department/School:** Geology

**GEOL 5343 Advanced Petrophysics**

**Prerequisites:** Minimum grade of "C" in PHYS 2014.

**Description:** Provides theoretical background on physical, chemical, and electrical principles involved in routine core analysis (RCA) and special core analysis (SCAL) generic data acquisition, as well as practical experience in applying computational methods to infer petrophysical properties of rocks from RCA and SCAL data. May not be used for degree credit with GEOL 4343.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Graduate

**Schedule types:** Lecture

**Department/School:** Geology

**GEOL 5353 Advanced Well Log Analysis**

**Prerequisites:** GEOL 3034 or consent of instructor.

**Description:** The geologic interpretation of a variety of well logs, emphasized, as well as quantitative methods. Some exercises involve concurrent interpretation of well logs and core samples, or well logs and bit cuttings. Field trips may be required. May not be used for degree credit with GEOL 4313 or GEOL 4323.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Graduate

**Schedule types:** Lecture

**Department/School:** Geology

**GEOL 5363 Carbonate Depositional Systems**

**Prerequisites:** GEOL 3034 with a grade of "C" or higher.

**Description:** Survey course of the main types of carbonate sediments and depositional environments.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Graduate

**Schedule types:** Lecture

**Department/School:** Geology

**GEOL 5383 Sequence Stratigraphy**

**Prerequisites:** GEOL 3034.

**Description:** Principles of sequence stratigraphy including carbonate and siliciclastic dominated intracratonic basins. Integration of surface and subsurface data in projects. Field trips required.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Graduate

**Schedule types:** Lecture

**Department/School:** Geology

**GEOL 5393 Stratigraphy of the Midcontinent**

**Prerequisites:** GEOL 3034 with a grade of "C" or higher.

**Description:** This course will examine Paleozoic stratigraphy of the North American Midcontinent consisting of Texas, Oklahoma, Kansas, Nebraska, Missouri, and northwestern Arkansas. The course will consist of lectures, student presentations, and extensive field work that will serve to familiarize the students with the surface and subsurface relationships of geologic formation and their potential for commercial exploitation for oil and gas resources.

**Credit hours:** 3

**Contact hours:** Lecture: 2 Lab: 3 Contact: 5

**Levels:** Graduate

**Schedule types:** Lab, Lecture, Combined lecture and lab

**Department/School:** Geology

**GEOL 5403 Environmental Geochemistry**

**Prerequisites:** Graduate Standing required.

**Description:** This course is designed to help students comprehend the major chemical components of natural environments and to apply fundamental principles to understand the main controls on the chemistry of pristine and polluted soil, surface, and ground water environments. May not be used for degree credit with GEOL 4403.

**Credit hours:** 3

**Contact hours:** Lecture: 2 Lab: 2 Contact: 4

**Levels:** Graduate

**Schedule types:** Lab, Lecture, Combined lecture and lab

**Department/School:** Geology

**GEOL 5413 Applied Petroleum Geology for Engineers**

**Description:** This course introduces graduate level engineering students to the fundamental concepts of geologic science with emphasis on application to reservoir evaluation, drilling and production of hydrocarbon accumulation. Weekly labs provide hands-on exercises of techniques used for reservoir evaluation. A term project allows graduate students to synthesize concepts from lectures and techniques learned in lab, to evaluate the economic potential of an oil field and prepare a professional presentation. May not be used for degree credit with GEOL 3413.

**Credit hours:** 3

**Contact hours:** Lecture: 2 Lab: 2 Contact: 4

**Levels:** Graduate

**Schedule types:** Lab, Lecture, Combined lecture and lab

**Department/School:** Geology

**GEOL 5423 Groundwater Geochemistry**

**Prerequisites:** CHEM 1314 and MATH 2144.

**Description:** Provides, theoretical background to apply geochemical principles to understand and solve groundwater quality problems, as well as practical experience in applying computational methodologies and tools to predict the response of groundwater systems to natural and anthropogenic disturbances. May not be used for degree credit with GEOL 4423.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Graduate

**Schedule types:** Lecture

**Department/School:** Geology

**GEOL 5433 Isotope Geochemistry**

**Description:** Introduction to the basic principles of stable isotope geochemistry. Study of the production, distribution, and use of naturally occurring and anthropogenically introduced stable isotopes in the earth's near surface environment with applications to hydrology, biogeochemistry, global change and petroleum systems.

**Credit hours:** 3

**Contact hours:** Lecture: 2 Lab: 2 Contact: 4

**Levels:** Graduate

**Schedule types:** Lab, Lecture, Combined lecture and lab

**Department/School:** Geology

**GEOL 5443 Environmental Geophysics**

**Description:** This course addresses environmental and engineering geophysical applications to geological characterization in (1) groundwater, aquifer delineation and contaminant migration, (2) slope stability and engineering site characterization, (3) detection of abandoned landfills, underground storage tanks, UXO, (4) earthquake, sinkholes, and land subsidence hazards, and/or (5) non-invasive archeological site assessment. Students will gain hands-on experiences in both collecting geophysical data in the field and processing real field data in the lab. Field trips required. May not be used for degree credit with GEOL 4443.

**Credit hours:** 3

**Contact hours:** Lecture: 2 Lab: 2 Contact: 4

**Levels:** Graduate

**Schedule types:** Lab, Lecture, Combined lecture and lab

**Department/School:** Geology

**GEOL 5453 Groundwater Modeling**

**Prerequisites:** GEOL 4453 or equivalent, MATH 2144, MATH 2153 each with a grade of "C" or higher.

**Description:** Modeling ground water systems. Realistic problems to acquaint students with the movement of geological fluids. Developing models of fluid movement through the subsurface using geological and geophysical data. Field trips required.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Graduate

**Schedule types:** Lecture

**Department/School:** Geology

**Additional Fees:** Geology Consummable Material fee of \$25 and Geology Field Trip fee of \$100 apply.

**GEOL 5463 Physical Hydrogeology**

**Prerequisites:** GEOL 4453 or equivalent with a grade of C or better; PHYS 2114 with a grade of C or better.

**Description:** Physical ground-water systems. Realistic problems to acquaint students with ground-water occurrence and movement. Geologic, geophysical, hydraulic testing and modeling techniques used to define an actual ground-water system. Ground-water regulations. Field trips required. May not be used for degree credit with GEOL 4463.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Graduate

**Schedule types:** Lecture

**Department/School:** Geology

**GEOL 5483 Petroleum Water Management**

**Prerequisites:** Minimum grade of "C" in GEOL 4453 and MATH 2153, or consent of instructor.

**Description:** Developing, maintaining, and disposing or recycling water for use in the petroleum industry. Problems associated with water production and disposal including water quality issues and seismicity. Field trips required.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Graduate

**Schedule types:** Lecture

**Department/School:** Geology

**GEOL 5513 Marine Geology**

**Prerequisites:** Minimum grade of "C" in: GEOL 3034 and PHYS 1114 or PHYS 2014.

**Description:** Comprehensive examination of the geology of the ocean basins. Topics include: techniques of data collection and interpretation; shoreline, shelf and deep ocean processes; physical oceanography; origin and distribution of marine sediments; paleoceanography; marine mineral resources; marine tectonics and ocean history. Same course as GEOL 4513. May not be used for degree credit with GEOL 4513.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Graduate

**Schedule types:** Lecture

**Department/School:** Geology

**GEOL 5523 Environmental Organic Geochemistry**

**Prerequisites:** CHEM 1314 and 1515 or equivalent; GEOL 3034 or equivalent; GEOL 4403 or equivalent or permission of instructor.

**Description:** Introduction to some environmental aspects of organic geochemistry. Soils and sediments as pollutant receptors, sources of pollutants and selected aspects of environmental health.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Graduate

**Schedule types:** Lecture

**Department/School:** Geology

**GEOL 5533 Organic Geochemistry**

**Prerequisites:** CHEM 1314 and CHEM 1515 or equivalent; GEOL 3034 or equivalent.

**Description:** Chemistry of organic matter in sediments and rocks with an emphasis on marine and petroleum systems.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Graduate

**Schedule types:** Lecture

**Department/School:** Geology

**GEOL 5543 Introduction to Exploration Seismology**

**Prerequisites:** Minimum grade of "C" in GEOL 2103 and MATH 2153 and (PHYS 1214 or PHYS 2114).

**Description:** Introduction to theory, techniques, and application of seismic to field of hydrocarbon, groundwater, and minerals exploration. Review of fundamentals of wave propagation, historical development of the science, and current literature on application and instrumentation. No credit for students with credit in GEOL 4543.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Graduate

**Schedule types:** Lecture

**Department/School:** Geology

**Additional Fees:** Geology Field Trip fee of \$36 applies.

**GEOL 5573 Marine Biogeochemical Cycles****Prerequisites:** GEOL 1224 and GEOL 4403 and CHEM 1314.**Description:** Analysis of the interactions between geological processes, biological activity, and chemical cycling for a range of elements. Limited discussion of atmospheric, terrestrial, and freshwater systems as they impact the oceans will also be discussed. Includes discussions of changes in elemental cycles through Earth's history and comparison to present-day patterns. No credit for credit in GEOL 4573.**Credit hours:** 3**Contact hours:** Lecture: 3 Contact: 3**Levels:** Graduate**Schedule types:** Lecture**Department/School:** Geology**GEOL 5583 Environmental Data Analytics****Prerequisites:** Minimum grade of "C" in MATH 2144.**Description:** Provides theoretical and practical experience in extracting meaning from complex and heterogeneous environmental data sources to understand and manage the natural environment (geosphere, hydrosphere, biosphere, and atmosphere). May not be used for degree credit with GEOL 4583.**Credit hours:** 3**Contact hours:** Lecture: 3 Contact: 3**Levels:** Graduate**Schedule types:** Lecture**Department/School:** Geology**GEOL 5603 Basin Evolution****Prerequisites:** GEOL 3014, GEOL 3034, GEOL 4403.**Description:** Advanced topics in sedimentary basin studies, including tectonics, sequence stratigraphy, facies analysis, regional diagenesis, thermal evolution, regional hydrogeology, and distribution of natural resources.**Credit hours:** 3**Contact hours:** Lecture: 3 Contact: 3**Levels:** Graduate**Schedule types:** Lecture**Department/School:** Geology**Additional Fees:** Geology Field Trip fee of \$50 applies.**GEOL 5633 Exploration Prospect Evaluation****Prerequisites:** Graduate standing and permission of the instructor.**Description:** Evaluation of exploration prospects in frontier and underdeveloped petroleum provinces using borehole-derived and geophysical data. Team taught course that uses industry provided datasets and current data management and interpretation software to reach drill or no-drill decisions based on science, risk analysis and economics.**Credit hours:** 3**Contact hours:** Lecture: 3 Contact: 3**Levels:** Graduate**Schedule types:** Lecture**Department/School:** Geology**GEOL 5643 Seismic Data Processing****Prerequisites:** Consent of instructor.**Description:** Theoretical background and practical training in the processing of seismic reflection and refraction data for petroleum, environmental, and engineering applications. Hands-on digital data processing using standard industry software. Topics to be covered include digital filtering, statics corrections, velocity analysis, deconvolution, stacking, and migration. May not be used for degree credit with GEOL 4643.**Credit hours:** 3**Contact hours:** Lecture: 3 Contact: 3**Levels:** Graduate**Schedule types:** Lecture**Department/School:** Geology**GEOL 5753 Volcanology****Prerequisites:** GEOL 2464 or equivalent with a grade of "C" or higher.**Description:** Examination of volcanic processes, products, and structures on Earth and other terrestrial bodies. Optional field trip. No credit for students with credit in GEOL 4753.**Credit hours:** 3**Contact hours:** Lecture: 3 Contact: 3**Levels:** Graduate**Schedule types:** Lecture**Department/School:** Geology**Additional Fees:** Geology Field Trip fee of \$378 applies.**GEOL 5773 Planetary Geology****Prerequisites:** GEOL 1114, and GEOL 3073 recommended.**Description:** Geology of planets and planetary bodies, including geomorphology, tectonics, geochemistry and geophysics; perspectives on exploration; and life in the universe. Course previously offered as GEOL 4773.**Credit hours:** 3**Contact hours:** Lecture: 2 Lab: 2 Contact: 4**Levels:** Graduate**Schedule types:** Lab, Lecture, Combined lecture and lab**Department/School:** Geology**GEOL 5981 Geoscience Internship****Prerequisites:** Consent of instructor.**Description:** Student participation in a research project during an internship in a Geoscience-related professional work setting for graduate credit. Graded on a pass/fail basis.**Credit hours:** 1**Contact hours:** Contact: 1 Other: 1**Levels:** Graduate**Schedule types:** Independent Study**Department/School:** Geology**GEOL 5990 Advanced Studies in Geology****Prerequisites:** Consent of instructor.**Description:** Individual library, laboratory and/or field projects on facets of geology not covered by existing courses. Field trips may be required. Course previously offered as GEOL 5710. Offered for variable credit, 1-6 credit hours, maximum of 12 credit hours.**Credit hours:** 1-6**Contact hours:** Contact: 1-6 Other: 1-6**Levels:** Graduate**Schedule types:** Independent Study**Department/School:** Geology

**GEOL 6000 Doctoral Dissertation Research**

**Description:** Work toward doctoral dissertation in Geology. Offered for variable credit, 1-12 credit hours, maximum of 60 credit hours.

**Credit hours:** 1-12

**Contact hours:** Contact: 1-12 Other: 1-12

**Levels:** Graduate

**Schedule types:** Independent Study

**Department/School:** Geology

**GEOL 6103 Gravity and Magnetic Methods**

**Prerequisites:** GEOL 4103.

**Description:** Principles of gravity and magnetic methods applied to petroleum, mineral, and groundwater exploration. Engineering applications will also be discussed. Data acquisition, processing and modeling using standard industry software will be emphasized.

**Credit hours:** 3

**Contact hours:** Lecture: 2 Lab: 2 Contact: 4

**Levels:** Graduate

**Schedule types:** Lab, Lecture, Combined lecture and lab

**Department/School:** Geology

**GEOL 6133 Unconventional Petroleum Reservoirs**

**Prerequisites:** GEOL 4023.

**Description:** Review of unconventional sources of oil and gas production including coalbed methane, tight gas-sandstones, gas and oil-bearing shales and transition zone, high-water saturation sandstones and carbonates.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Graduate

**Schedule types:** Lecture

**Department/School:** Geology

**GEOL 6213 Plate Tectonics**

**Description:** Earth's evolution within the framework of plate tectonics. Examination of structural associations in relation to tectonic plate boundaries. Mechanisms for plate tectonics and implication for resources and the environment. May not be used for degree credit with GEOL 4213.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Graduate

**Schedule types:** Lecture

**Department/School:** Geology

**GEOL 6283 Geology of Shales**

**Prerequisites:** Graduate standing or permission of instructor.

**Description:** Team-taught course that combines different geological techniques towards gaining a better understanding of shales as source and reservoir rock. These include petrography, XRD, SEM, Organic and Inorganic chemistry, geophysical logs, paleoecology and biostratigraphy. This course will involve lecture as well as laboratory techniques.

**Credit hours:** 3

**Contact hours:** Lecture: 2 Lab: 2 Contact: 4

**Levels:** Graduate

**Schedule types:** Lab, Lecture, Combined lecture and lab

**Department/School:** Geology

**GEOL 6303 Electrical and Electromagnetic Methods**

**Prerequisites:** GEOL 4103.

**Description:** Principles of the different geoelectrical methods, including electrical resistivity, induced polarization, self potential, electromagnetic, and ground penetrating radar will be emphasized. Geophysical instrumentation, laboratory measurements of physical properties, field procedures, and basic interpretation and near surface geophysical applications will be discussed. Recent advances in geoelectrical methods and case studies will be examined by reviewing current literature. Field trip required.

**Credit hours:** 3

**Contact hours:** Lecture: 2 Lab: 2 Contact: 4

**Levels:** Graduate

**Schedule types:** Lab, Lecture, Combined lecture and lab

**Department/School:** Geology

**GEOL 6363 Carbonate Reservoir Characterization**

**Prerequisites:** GEOL 5363 with a grade of "B" or better.

**Description:** Integrated study and application of modern and ancient depositional systems, diagenesis, petrophysics, sequence stratigraphy, and geostatistical modeling towards the understanding of the three dimensional distribution and reservoir characterization of carbonate and mixed carbonate/siliciclastic systems. This is a seminar and project-based course. Field trip required.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Graduate

**Schedule types:** Lecture

**Department/School:** Geology

**GEOL 6373 Advanced Carbonate Petrology and Geochemistry**

**Prerequisites:** GEOL 4403 with a grade of "C" or higher and GEOL 5363 with a grade of "B" or higher or equivalents or consent of instructor.

**Description:** This course will cover advanced topics in carbonate petrology and geochemistry with emphasis on both early and late diagenetic processes, dolomitization, porosity and permeability, geochemical evolution of seawater and carbonate sediments, and regional diagenetic patterns in carbonate rocks and related strata.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Graduate

**Schedule types:** Lecture

**Department/School:** Geology

**GEOL 6386 Sequence Stratigraphy of Shales**

**Prerequisites:** Graduate standing. Intensive field course focusing on hydrocarbon-bearing shales of the Midcontinent.

**Description:** Advanced field techniques including high resolution spectral gamma ray analysis and highly detailed measured sections will be taught. Fifty localities including Devonian-Early Mississippian (Woodford and Chattanooga shales), Upper Mississippian (Barnett, Caney, and Fayetteville shales) and Pennsylvanian-Lower Permian shales will be analyzed.

**Credit hours:** 6

**Contact hours:** Lecture: 2 Lab: 12 Contact: 14

**Levels:** Graduate

**Schedule types:** Lab, Lecture, Combined lecture and lab

**Department/School:** Geology



**GEOL 6503 Rock Fractures****Prerequisites:** GEOL 3014.**Description:** Mechanical analysis and tectonic implications of brittle structural features such as joints, veins, and faults. Examination of topics such as mechanical stratigraphy in layered rocks, factors controlling joint spacing, and the dependence of failure mode on lithology. Field trips may be required.**Credit hours:** 3**Contact hours:** Lecture: 2 Contact: 3 Other: 1**Levels:** Graduate**Schedule types:** Discussion, Combined lecture & discussion, Lecture**Department/School:** Geology**GEOL 6553 Contaminant Hydrogeology****Prerequisites:** GEOL 4453 or an equivalent.**Description:** Contaminant Hydrogeology will evaluate characterization and remediation approaches in a range of geologic settings for common subsurface impacts. Course will cover saline impacts, nonaqueous phase liquids, and emerging contaminants. Course previously offered as GEOL 5553.**Credit hours:** 3**Contact hours:** Lecture: 1 Lab: 4 Contact: 5**Levels:** Graduate**Schedule types:** Lab, Lecture, Combined lecture and lab**Department/School:** Geology

## Undergraduate Programs

- Environmental Geoscience, BS (p. 1242)
- Geology, BS (p. 1244)
- Geology: Business Essentials, BS (p. 1247)
- Geology: Environmental Geology, BS (p. 1250)
- Geology: Petroleum Geology, BS (p. 1253)
- Geology: Pre-Law, BS (p. 1256)
- Geology: Secondary Teacher Certification, BS (p. 1259)
- Geophysics, BS (p. 1263)

## Graduate Programs

### Prerequisites

The student should have at least 30 credit hours in geosciences. Credit hours must include courses in physical geology, historical geology, rocks and minerals/mineralogy, sedimentology/stratigraphy, structural geology, field camp, or other courses relevant to the student's graduate research. Additional undergraduate requirements to enter the graduate programs include: two courses in chemistry/geochemistry, two courses in physics, and/or math courses through calculus II. Deficiencies in coursework must be made up by the student after entering the program. The Graduate Record Examination is recommended, but not required, for admission to the program.

## The Master of Science Degree\*

The MS is awarded through the completion of a thesis. Each candidate must complete at least 30 semester credit hours of work beyond the prerequisites. As many as 12 of these may be taken in other departments of the University upon approval by the candidate's advisory committee. A final defense of the thesis and the research that it documents is required of all students.

## The Doctor of Philosophy Degree

The PhD is awarded upon completion of a doctoral dissertation. A minimum of 60 credit hours (coursework and research hours) beyond the MS or MA degree are required for the PhD. Under normal circumstances, students must hold a master's degree in geology or a related field to be accepted into the PhD program. However, under exceptional circumstances, students may be accepted directly into the PhD program without a master's degree. Such students will be required to complete a total of 90 semester credit hours (coursework and research hours) to earn their degree. Such decisions are made by the entire faculty of the School of Geology, upon recommendation of the Graduate Advisor. To be admitted to candidacy, students must pass a written and oral qualifying exam, and successfully defend their dissertation research proposal and pass an associated comprehensive exam. The PhD is conferred after the successful defense of the dissertation.

## \*Accelerated Master of Science Degree

Our School is proud to offer an Accelerated MS option. Students who wish to pursue an Accelerated Master's should have completed 90 or more hours toward their BS by the end of their term of application, including GEOL 3014 and GEOL 3034, and should have a strong background with undergraduate research. Students who are admitted into the Accelerated Master's program will be eligible to share 9 credit hours between their BS and MS degrees.

## Minors

- Geology (GEOL), Minor (p. 1262)
- Geophysics (GPHY), Minor (p. 1266)

## Faculty

Camelia Knapp, PhD—Head, Professor (V. Brown Monnett Chair of Petroleum Geology)

**Professors:** Mohamed Abdel Salam, PhD (Boone Pickens Endowed Chair in Geophysics); G. Michael Grammer, PhD (Chesapeake Energy Corporation Chair of Petroleum Research); Todd Halihan, PhD (Sun Company Clyde Wheeler Chair in Hydrogeology); Priyank Jaiswal, PhD; James H. Knapp, PhD (Boone Pickens Distinguished Chair of Geoscience); Jack Pashin, PhD (Devon Energy Corporation Chair of Basin Research); James Puckette, PhD (Geoscience Education Chair)

**Associate Professors:** Daniel Laó Dávila, PhD; Tracy Quan, PhD; Natascha Riedinger, PhD; Javier Vilcaez, PhD

**Assistant Professors:** Ashley Burkett, PhD; Ahmed Ismail, PhD; Tingying Xu, PhD

**Teaching Assistant Professor:** Brandon Spencer, PhD

**Visiting Associate Professor:** Mary Hileman, PhD



## Environmental Geoscience, BS

**Requirements for Students Matriculating in or before Academic Year 2022-2023.** Learn more about University Academic Regulation 3.1 (p. 943).

**Minimum Overall Grade Point Average: 2.00**

**Total Hours: 120**

Code	Title	Hours
<b>General Education Requirements</b>		
<i>English Composition</i>		
See Academic Regulation 3.5 (p. 944)		
ENGL 1113	Composition I	3
or ENGL 1313	Critical Analysis and Writing I	
Select one of the following:		3
ENGL 1213	Composition II	
ENGL 1413	Critical Analysis and Writing II	
ENGL 3323	Technical Writing	
<i>American History &amp; Government</i>		
HIST 1103	Survey of American History	3
or HIST 1483	American History to 1865 (H)	
or HIST 1493	American History Since 1865 (DH)	
POLS 1113	American Government	3
<i>Analytical &amp; Quantitative Thought (A)</i>		
MATH 1513	College Algebra (A)	3
<i>Humanities (H)</i>		
Courses designated (H)		6
<i>Natural Sciences (N)</i>		
Must include one Laboratory Science (L) course		
BIOL 1114	Introductory Biology (LN)	4
CHEM 1314	Chemistry I (LN)	4
<i>Social &amp; Behavioral Sciences (S)</i>		
Course designated (S)		3
<i>Additional General Education</i>		
Courses designated (A), (H), (N), or (S)		8
<b>Hours Subtotal</b>		<b>40</b>
<b>Diversity (D) &amp; International Dimension (I)</b>		
May be completed in any part of the degree plan		
Select at least one Diversity (D) course		
Select at least one International Dimension (I) course		
<b>College/Departmental Requirements</b>		
<i>First Year Seminar</i>		
(Transfer students with 15 hours exempt)		1
<i>Arts &amp; Humanities</i>		
See note 2.a.		3
<i>Natural &amp; Mathematical Sciences</i>		
GEOL 1014	Geology and Human Affairs (LN)	4
or GEOL 1114	Physical Geology (LN)	
PHYS 1114	College Physics I (LN)	4
GEOL 4300	Geology Colloquium	1
<i>Foreign Language</i>		
0-6 hours. See note 3.		

### Upper-Division General Education

Select 6 hours outside major department. See note 2.c.

<b>Hours Subtotal</b>		<b>13</b>
<b>Major Requirements</b>		
Minimum grade of "C" in all Geology courses.		
GEOL 2103	Fundamentals of Geophysics	3
GEOL 2403	Chemistry of Earth Systems	3
GEOL 2464	Rocks and Minerals	4
GEOL 3503	Environmental Geology (N)	3
GEOL 4453	Hydrogeology	3
GEOG 4073	Climate Change: Past, Present, and Future	3
GEOG 4203	Fundamentals of Geographic Information Systems	3
GEOG 4343	Geographic Information Systems: Resource Management Applications	3
NREM 3013	Applied Ecology and Conservation <sup>1</sup>	3-4
or BIOL 3034	General Ecology	
or ENVR 3113	Sampling and Analyses for Solving Environmental Problems	
SOIL 2124	Fundamentals of Soil Science (N)	4
POLS 4363	Environmental Law And Policy	3
Select 17-18 hours from the following: <sup>1</sup>		17-18
GEOL 1224	Evolution of the Earth (LN)	
GEOL 3014	Structural Geology	
GEOL 3034	Principles of Stratigraphy and Sedimentology	
GEOL 3073	Geomorphology	
GEOL 3103	Paleontology	
GEOL 4463	Physical Hydrogeology	
GEOL 4503	Introduction to Oceanography (N)	
GEOL 4583	Environmental Data Analytics	
GEOG 3333	Spatial Analysis (A)	
GEOG 4053	Biogeography	
GEOG 4333	Remote Sensing	
GEOG 4263	Geospatial Applications for Unmanned Aerial Systems	
ENVR 1113	Elements of Environmental Science (N)	
NREM 3153	Forest Health and Disturbance Ecology	
BIOL 4434	Limnology	

**Hours Subtotal** **52-54**

### Electives

Select 14 hours **14**

**Hours Subtotal** **14**

**Total Hours** **120**

1

If BIOL 3034 taken, then 18 hours will need to be taken from this group.

## Other Requirements

- See the College of Arts and Sciences Requirements.
- **Upper-Division Credit:** Total hours must include at least 40 hours in courses numbered 3000 or above.

- **Hours in One Department:** For B.A. and B.S. degrees, no more than 54 hours in one department may be applied to degree requirements.

## **Additional State/OSU Requirements**

- At least: 60 hours at a four-year institution; 30 hours completed at OSU; 15 of the final 30 or 50% of the upper-division hours in the major field completed at OSU.
- Limit of: one-half of major course requirements as transfer work; one-fourth of hours earned by correspondence; 8 transfer correspondence hours.
- Students will be held responsible for degree requirements in effect at the time of matriculation and any changes that are made, so long as these changes do not result in semester credit hours being added or do not delay graduation.
- Degrees that follow this plan must be completed by the end of Summer 2028.

# Geology, BS

## Degree Requirements

**Requirements for Students Matriculating in or before Academic Year 2022-2023.** Learn more about University Academic Regulation 3.1 (p. 943).

**Minimum Overall Grade Point Average:** 2.00

**Total Hours:** 120

Code	Title	Hours
<b>General Education Requirements</b>		
<i>English Composition</i>		
See Academic Regulation 3.5 (p. 944)		
ENGL 1113	Composition I	3
or ENGL 1313	Critical Analysis and Writing I	
Select one of the following:		3
ENGL 1213	Composition II	
ENGL 1413	Critical Analysis and Writing II	
ENGL 3323	Technical Writing	
<i>American History &amp; Government</i>		
HIST 1103	Survey of American History	3
or HIST 1483	American History to 1865 (H)	
or HIST 1493	American History Since 1865 (DH)	
POLS 1113	American Government	3
<i>Analytical &amp; Quantitative Thought (A)</i>		
MATH 2144	Calculus I (A) <sup>1</sup>	4
<i>Humanities (H)</i>		
Courses designated (H)		6
<i>Natural Sciences (N)</i>		
Must include one Laboratory Science (L) course		
Select four hours from the following:		4
BIOL 1113	Introductory Biology (N)	
& BIOL 1111	and Introductory Biology Laboratory (LN) <sup>1</sup>	
BIOL 1114	Introductory Biology (LN) <sup>1</sup>	
CHEM 1314	Chemistry I (LN) <sup>1</sup>	4
<i>Social &amp; Behavioral Sciences (S)</i>		
Course designated (S)		3
<i>Additional General Education</i>		
Courses designated (A), (H), (N), or (S)		7
<b>Hours Subtotal</b>		<b>40</b>
<b>Diversity (D) &amp; International Dimension (I)</b>		
May be completed in any part of the degree plan		
Select at least one Diversity (D) course		
Select at least one International Dimension (I) course		
<b>College/Departmental Requirements</b>		
<i>First Year Seminar</i>		
(Transfer students with 15 hours exempt)		1
<i>Arts &amp; Humanities</i>		
See note 2.a.		3
<i>Natural &amp; Mathematical Sciences</i>		
CHEM 1515	Chemistry II (LN)	5
PHYS 2014	University Physics I (LN)	4

### Foreign Language

See note 3.

0-6 hours

### Upper-Division General Education

Select 6 hours outside major department

See note 2.c.

**Hours Subtotal** **13**

### Major Requirements

Minimum grade of "C" in all Geology courses.

#### Core Curriculum

GEOL 1114	Physical Geology (LN)	4
GEOL 1224	Evolution of the Earth (LN)	4
GEOL 2464	Rocks and Minerals	4
GEOL 3014	Structural Geology	4
GEOL 3034	Principles of Stratigraphy and Sedimentology	4
GEOL 3546	Field Geology	6
MATH 2153	Calculus II (A)	3
PHYS 2114	University Physics II (LN)	4

#### Related Curriculum

Select 21 hours of upper-division GEOL <sup>2</sup> **21**

**Hours Subtotal** **54**

### Electives

Select 13 hours **13**

May need to include 6 hours of a foreign language. See note 3

May need to include 6 hours upper-division general education outside major department (see note 2.c.) and 8 additional upper-division hours

MATH 1513 and MATH 1813 required for students who do not place directly into MATH 2144

Recommended courses:

GEOG 4203	Fundamentals of Geographic Information Systems
STAT 4013	Statistical Methods I (A)

**Hours Subtotal** **13**

**Total Hours** **120**

1

College and Departmental Requirements that may be used to meet General Education Requirements.

2

Excluding GEOL 3043 Geology of the National Parks (N), GEOL 3413 Petroleum Geology for Engineers and GEOL 3513 Earthquakes, Volcanoes, and Disasters (N)

## Other Requirements

- See the College of Arts and Sciences Requirements.
- **Upper-Division Credit:** Total hours must include at least 40 hours in courses numbered 3000 or above.
- **Hours in One Department:** For B.A. and B.S. degrees, no more than 54 hours in one department may be applied to degree requirements.

# College of Arts and Sciences Requirements

## 1. General Education Requirements

No more than two courses (or eight hours) from the major department (<http://catalog.okstate.edu/college-arts-sciences-major-departments/>) may be used to meet General Education and College and Departmental Requirements. The General Education required English Composition, required U.S. History, required American Government, one required MATH or STAT course, and required foreign language for B.A. degrees do not count against the two-course maximum.

## 2. A&S College/Departmental Requirements

- Arts and Humanities are defined as any course carrying an (H) designation or courses from AMST, ART, DANC, ENGL (except ENGL 3323 Technical Writing) HIST, MUSI, PHIL (except PHIL 1313 Logic and Critical Thinking (A), PHIL 3003 Symbolic Logic (A) and PHIL 4003 Mathematical Logic and Computability), REL, TH, and foreign languages.
- Natural and Mathematical Sciences are defined as any course from the following prefixes: ASTR, BIOC, BIOL, CHEM, CS (except CS 4883 Social Issues in Computing), GEOL, MATH, MICR, PBIO, PHYS, and STAT; or courses from other departments that carry an (A) or (N) general education designation.
- The required six hours of upper-division General Education may not include courses from the student's major department. This requirement may be satisfied by courses also used to satisfy any part of a student's degree program (i.e., in General Education, College Departmental Requirements, Major Requirements or Electives).
- Non-Western Studies Requirement for B.A. and B.F.A.; One 3-hour course in Non-Western Studies (N.W.). This requirement may be satisfied by courses also used to satisfy any part of a student's degree program (i.e., in General Education, College Departmental Requirements, Major Requirements or Electives).
- The College of Arts & Sciences requires a minimum 2.0 GPA in all major requirements and a minimum 2.0 GPA in all major-prefix courses applied to the degree.

## 3. Foreign Language Proficiency

- The foreign language requirement for the B.A. may be satisfied by 9 hours college credit in the same language, which must include 3 hours at the 2000-level, or equivalent proficiency (e.g., passing an advanced standing examination; TOEFL exam; presenting a high school transcript which demonstrates the high school was primarily conducted in a language other than English; etc.). Computer Science courses may not be used to satisfy this requirement. Currently Arabic and Mvskoke are not offered at the 2000-level at OSU.
- The foreign language requirement for the B.S., B.M. and B.F.A. may be satisfied by presenting a high school transcript which demonstrates two years of study of a single foreign language (passing grades at second-year level of study). It may also be satisfied by 6 hours college credit in the same language, which must include language courses 1713 and 1813, or equivalent proficiency (e.g., passing an advanced standing examination; TOEFL exam; presenting a high school transcript which demonstrates the high school was primarily conducted in a language other than English; etc.). Computer Science courses may not be used to satisfy this requirement.

- In addition to a. and b., students pursuing teacher certification must meet novice-high foreign language proficiency by presenting a high school transcript which demonstrates two years of study of a single foreign language with no grade below B. Or, students may complete 3 hours college credit in a single language with no grade below C (or pass an advanced standing examination, College Level Examination Program (CLEP) exam, or Oral Proficiency Interview developed by the American Council on the Teaching of Foreign Languages, equivalent to 3 hours of college credit.) Or, students may meet the requirement by transfer of documentation of meeting the foreign language competency from one of the teacher education programs in the State of Oklahoma approved by the Oklahoma State Regents for Higher Education.

## 4. Exclusions

- Courses used to satisfy the General Education English Composition, U.S. History, American Government, and Mathematics or Statistics requirements will not count toward the 54-hour maximum allowed from one department.
- Courses with ATHL or LEIS prefixes and leisure activity courses may not be used for degree credit.

## Additional State/OSU Requirements

- At least: 60 hours at a four-year institution; 30 hours completed at OSU; 15 of the final 30 or 50% of the upper-division hours in the major field completed at OSU.
- Limit of: one-half of major course requirements as transfer work; one-fourth of hours earned by correspondence; 8 transfer correspondence hours.
- Students will be held responsible for degree requirements in effect at the time of matriculation and any changes that are made, so long as these changes do not result in semester credit hours being added or do not delay graduation.
- Degrees that follow this plan must be completed by the end of Summer 2028.

## Example Plan of Study

### Finish in Four Plan of Study

The plan below is an example of how students can successfully complete degree requirements in four years. This suggested class schedule plan may be used as a guide and can be adjusted based on individual needs. Students are required to meet with an academic advisor prior to enrollment each semester to plan their class schedule, and students are ultimately responsible for completing all degree requirements.

Course	Title	Hours
<b>Freshman</b>		
<b>Fall</b>		
MATH 2144	Calculus I (A)	4
GEOL 1114	Physical Geology (LN)	4
General Education courses		6
<b>Hours</b>		<b>14</b>
<b>Spring</b>		
MATH 2153	Calculus II (A)	3
CHEM 1314	Chemistry I (LN)	4
GEOL 1224	Evolution of the Earth (LN)	4
General Education courses		3
<b>Hours</b>		<b>14</b>

**Sophomore****Fall**

CHEM 1515	Chemistry II (LN)	5
GEOL 2464	Rocks and Minerals	4
General Education courses		6
<b>Hours</b>		<b>15</b>

**Spring**

GEOL 3034	Principles of Stratigraphy and Sedimentology	4
BIOL 1114	Introductory Biology (LN)	4
Major, College, or Elective courses		7
<b>Hours</b>		<b>15</b>

**Junior****Fall**

PHYS 2014	University Physics I (LN)	4
Major, College, and Elective courses		12
<b>Hours</b>		<b>16</b>

**Spring**

GEOL 3034	Principles of Stratigraphy and Sedimentology	4
PHYS 2114	University Physics II (LN)	4
Major, College, and Elective courses		7
<b>Hours</b>		<b>15</b>

**Senior****Fall**

GEOL 3014	Structural Geology	4
Major, College, and Elective courses		12
<b>Hours</b>		<b>16</b>

**Spring**

Major, College, and Elective courses		15
<b>Hours</b>		<b>15</b>
<b>Total Hours</b>		<b>120</b>

1

Speak with academic advisor about saving General Education electives and Humanities (H) for Upper-division courses with International (I) and Diversity (D) dimensions.

# Geology: Business Essentials, BS

## Degree Programs

**Requirements for Students Matriculating in or before Academic Year 2022-2023.** Learn more about University Academic Regulation 3.1 (p. 943).

**Minimum Overall Grade Point Average: 2.00**

**Total Hours: 120**

Code	Title	Hours
<b>General Education Requirements</b>		
<i>English Composition</i>		
ENGL 1113	Composition I	3
	or ENGL 1313	Critical Analysis and Writing I
Select one of the following:		3
ENGL 1213	Composition II	
ENGL 1413	Critical Analysis and Writing II	
ENGL 3323	Technical Writing	
See Academic Regulation 3.5 (p. 944)		
<i>American History &amp; Government</i>		
HIST 1103	Survey of American History	3
	or HIST 1483	American History to 1865 (H)
	or HIST 1493	American History Since 1865 (DH)
POLS 1113	American Government	3
<i>Analytical &amp; Quantitative Thought (A)</i>		
MATH 2144	Calculus I (A) <sup>1</sup>	4
<i>Humanities (H)</i>		
Courses designated (H)		6
<i>Natural Sciences (N)</i>		
Must include one Laboratory Science (L) course.		
PHYS 2014	University Physics I (LN) <sup>1</sup>	4
	or PHYS 1114	College Physics I (LN)
Select four hours from the following:		4
BIOL 1113	Introductory Biology (N)	
& BIOL 1111	and Introductory Biology Laboratory (LN) <sup>1</sup>	
BIOL 1114	Introductory Biology (LN) <sup>1</sup>	
<i>Social &amp; Behavioral Sciences (S)</i>		
Course designated (S)		3
<i>Additional General Education</i>		
Courses designated A, H, N, or S		7
<b>Hours Subtotal</b>		<b>40</b>
<b>Diversity (D) &amp; International Dimension (I)</b>		
May be completed in any part of the degree plan.		
At least one Diversity (D) course.		
At least one International Dimension (I) course.		
<b>College/Departmental Requirements</b>		
<i>First Year Seminar</i>		
Transfer students with 15 hours exempt		1
<i>Arts &amp; Humanities</i>		
(See note 2.a.)		3
<i>Natural &amp; Mathematics Sciences</i>		
CHEM 1314	Chemistry I (LN)	4

CHEM 1515	Chemistry II (LN)	5
(See note 2.b.)		
<i>Foreign Languages</i>		
See note 3.		
<i>Upper-Division General Education</i>		
6 hours outside major department		
See note 2.c.		
<b>Hours Subtotal</b>		<b>13</b>
<b>Major Requirements</b>		
Minimum grade of "C" in all Geology courses.		
<i>Core Curriculum</i>		
GEOL 1114	Physical Geology (LN)	4
GEOL 1224	Evolution of the Earth (LN)	4
GEOL 2464	Rocks and Minerals	4
GEOL 3014	Structural Geology	4
GEOL 3034	Principles of Stratigraphy and Sedimentology	4
GEOL 3546	Field Geology	6
PHYS 2114	University Physics II (LN)	4
	or PHYS 1214	College Physics II (LN)
3 hours STAT designated (A)		3
12 hours upper-division GEOL <sup>2</sup>		12
<i>Business Essentials</i>		
ACCT 2003	Survey of Accounting	3
LSB 3213	Legal and Regulatory Environment of Business	3
MKTG 3213	Marketing (S)	3
MGMT 3013	Fundamentals of Management (S)	3
3 hours from:		3
ECON 2003	Microeconomic Principles for Business	
EEE 2023	Introduction to Entrepreneurship	
FIN 3113	Finance	
	or FIN 4003	Introduction to Energy Business
<b>Hours Subtotal</b>		<b>60</b>
<b>Electives</b>		
<b>Hours Subtotal</b>		<b>7</b>
May need to include 6 hours of a foreign language. See note 3.		
6 hours of MBA courses during senior year recommended for consideration into the OSU MBA Program upon graduation.		
MATH 1513 and MATH 1813 may be required for students who do not place directly into MATH 2144.		
<b>Hours Subtotal</b>		<b>7</b>
<b>Total Hours</b>		<b>120</b>

1

College and Departmental Requirements that may be used to meet General Education Requirements.

2

Excluding GEOL 3043 Geology of the National Parks (N), GEOL 3413 Petroleum Geology for Engineers, and GEOL 3513 Earthquakes, Volcanoes, and Disasters (N).



## Other Requirements

- See the College of Arts and Sciences Requirements.
- **Upper-Division Credit:** Total hours must include at least 40 hours in courses numbered 3000 or above.
- **Hours in One Department:** For B.A. and B.S. degrees, no more than 54 hours in one department may be applied to degree requirements.

## College of Arts and Sciences Requirements

### 1. General Education Requirements

No more than two courses (or eight hours) from the major department (<http://catalog.okstate.edu/college-arts-sciences-major-departments/>) may be used to meet General Education and College and Departmental Requirements. The General Education required English Composition, required U.S. History, required American Government, one required MATH or STAT course, and required foreign language for B.A. degrees do not count against the two-course maximum.

### 2. A&S College/Departmental Requirements

- Arts and Humanities are defined as any course carrying an (H) designation or courses from AMST, ART, DANC, ENGL (except ENGL 3323 Technical Writing) HIST, MUSI, PHIL (except PHIL 1313 Logic and Critical Thinking (A), PHIL 3003 Symbolic Logic (A) and PHIL 4003 Mathematical Logic and Computability), REL, TH, and foreign languages.
- Natural and Mathematical Sciences are defined as any course from the following prefixes: ASTR, BIOC, BIOL, CHEM, CS (except CS 4883 Social Issues in Computing), GEOL, MATH, MICR, PBIO, PHYS, and STAT; or courses from other departments that carry an (A) or (N) general education designation.
- The required six hours of upper-division General Education may not include courses from the student's major department. This requirement may be satisfied by courses also used to satisfy any part of a student's degree program (i.e., in General Education, College Departmental Requirements, Major Requirements or Electives).
- Non-Western Studies Requirement for B.A. and B.F.A.; One 3-hour course in Non-Western Studies (N.W.). This requirement may be satisfied by courses also used to satisfy any part of a student's degree program (i.e., in General Education, College Departmental Requirements, Major Requirements or Electives).
- The College of Arts & Sciences requires a minimum 2.0 GPA in all major requirements and a minimum 2.0 GPA in all major-prefix courses applied to the degree.

### 3. Foreign Language Proficiency

- The foreign language requirement for the B.A. may be satisfied by 9 hours college credit in the same language, which must include 3 hours at the 2000-level, or equivalent proficiency (e.g., passing an advanced standing examination; TOEFL exam; presenting a high school transcript which demonstrates the high school was primarily conducted in a language other than English; etc.). Computer Science courses may not be used to satisfy this requirement. Currently Arabic and Mvskoke are not offered at the 2000-level at OSU.
- The foreign language requirement for the B.S., B.M. and B.F.A. may be satisfied by presenting a high school transcript which demonstrates two years of study of a single foreign language (passing grades at second-year level of study). It may also

be satisfied by 6 hours college credit in the same language, which must include language courses 1713 and 1813, or equivalent proficiency (e.g., passing an advanced standing examination; TOEFL exam; presenting a high school transcript which demonstrates the high school was primarily conducted in a language other than English; etc.). Computer Science courses may not be used to satisfy this requirement.

- In addition to a. and b., students pursuing teacher certification must meet novice-high foreign language proficiency by presenting a high school transcript which demonstrates two years of study of a single foreign language with no grade below B. Or, students may complete 3 hours college credit in a single language with no grade below C (or pass an advanced standing examination, College Level Examination Program (CLEP) exam, or Oral Proficiency Interview developed by the American Council on the Teaching of Foreign Languages, equivalent to 3 hours of college credit.) Or, students may meet the requirement by transfer of documentation of meeting the foreign language competency from one of the teacher education programs in the State of Oklahoma approved by the Oklahoma State Regents for Higher Education.

### 4. Exclusions

- Courses used to satisfy the General Education English Composition, U.S. History, American Government, and Mathematics or Statistics requirements will not count toward the 54-hour maximum allowed from one department.
- Courses with ATHL or LEIS prefixes and leisure activity courses may not be used for degree credit.

## Additional State/OSU Requirements

- At least: 60 hours at a four-year institution; 30 hours completed at OSU; 15 of the final 30 or 50% of the upper-division hours in the major field completed at OSU.
- Limit of: one-half of major course requirements as transfer work; one-fourth of hours earned by correspondence; 8 transfer correspondence hours.
- Students will be held responsible for degree requirements in effect at the time of matriculation and any changes that are made, so long as these changes do not result in semester credit hours being added or do not delay graduation.
- Degrees that follow this plan must be completed by the end of Summer 2028.

## Example Plan of Study

### Finish in Four Plan of Study

The plan below is an **example** of how students can successfully complete degree requirements in four years. This suggested class schedule plan may be used as a guide and can be adjusted based on individual needs. Students are required to meet with an academic advisor prior to enrollment each semester to plan their class schedule, and students are ultimately responsible for completing all degree requirements.

Course	Title	Hours
<b>Freshman</b>		
<b>Fall</b>		
MATH 2144	Calculus I (A)	4
GEOL 1114	Physical Geology (LN)	4
GEOL 4300	Geology Colloquium	1

General Education courses		6
<b>Hours</b>		<b>15</b>
<b>Spring</b>		
CHEM 1314	Chemistry I (LN)	4
GEOL 1224	Evolution of the Earth (LN)	4
GEOL 4300	Geology Colloquium	1
General Education courses		6
<b>Hours</b>		<b>15</b>
<b>Sophomore</b>		
<b>Fall</b>		
CHEM 1515	Chemistry II (LN)	5
GEOL 2464	Rocks and Minerals	4
GEOL 4300	Geology Colloquium	1
College and General Education courses		5
<b>Hours</b>		<b>15</b>
<b>Spring</b>		
BIOL 1114	Introductory Biology (LN)	4
3 hours STAT designated (A)		3
GEOL 4300	Geology Colloquium	1
Major, College, and Elective courses		7
<b>Hours</b>		<b>15</b>
<b>Junior</b>		
<b>Fall</b>		
PHYS 1114 or PHYS 2014	College Physics I (LN) or University Physics I (LN)	4
Major, College, and Elective courses		11
<b>Hours</b>		<b>15</b>
<b>Spring</b>		
GEOL 3034	Principles of Stratigraphy and Sedimentology	4
PHYS 1214 or PHYS 2114	College Physics II (LN) or University Physics II (LN)	4
Major, College, and Elective courses		5
<b>Hours</b>		<b>13</b>
<b>Summer</b>		
GEOL 3546	Field Geology	6
<b>Hours</b>		<b>6</b>
<b>Senior</b>		
<b>Fall</b>		
GEOL 3014	Structural Geology	4
Major, College, and Elective courses		9
<b>Hours</b>		<b>13</b>
<b>Spring</b>		
Major, College, and Elective courses		13
<b>Hours</b>		<b>13</b>
<b>Total Hours</b>		<b>120</b>

## Geology: Environmental Geology, BS

### Degree Programs

**Requirements for Students Matriculating in or before Academic Year 2022-2023.** Learn more about University Academic Regulation 3.1 (p. 943).

**Minimum Overall Grade Point Average: 2.00**

**Total Hours: 120**

Code	Title	Hours
<b>General Education Requirements</b>		
<i>English Composition</i>		
See Academic Regulation 3.5 (p. 944)		
ENGL 1113	Composition I	3
or ENGL 1313	Critical Analysis and Writing I	
ENGL 1213	Composition II	3
or ENGL 1413	Critical Analysis and Writing II	
or ENGL 3323	Technical Writing	
<i>American History &amp; Government</i>		
HIST 1103	Survey of American History	3
or HIST 1483	American History to 1865 (H)	
or HIST 1493	American History Since 1865 (DH)	
POLS 1113	American Government	3
<i>Analytical &amp; Quantitative Thought (A)</i>		
MATH 2144	Calculus I (A) <sup>1</sup>	4
<i>Humanities (H)</i>		
Courses designated (H)		
6		
<i>Natural Sciences (N)</i>		
Must include one Laboratory Science (L) course.		
PHYS 2014	University Physics I (LN) <sup>1</sup>	4
Select four hours from the following:		
BIOL 1113	Introductory Biology (N)	
& BIOL 1111	and Introductory Biology Laboratory (LN) <sup>1</sup>	
BIOL 1114	Introductory Biology (LN) <sup>1</sup>	
<i>Social &amp; Behavioral Sciences (S)</i>		
Course designated (S)		
3		
<i>Additional General Education</i>		
Courses designated (A), (H), (N), or (S)		
7		
<b>Hours Subtotal</b>		<b>40</b>
<b>Diversity (D) &amp; International Dimension (I)</b>		
May be completed in any part of the degree plan.		
At least one Diversity (D) course		
At least one International Dimension (I) course		
<b>College/Departmental Requirements</b>		
<i>First Year Seminar</i>		
(Transfer students with 15 hours exempt)		
1		
<i>Arts &amp; Humanities</i>		
(See note 2.a.)		
3		
<i>Natural &amp; Mathematical Sciences</i>		
CHEM 1314	Chemistry I (LN)	4
CHEM 1515	Chemistry II (LN)	5
(See note 2.b.)		

#### Foreign Languages

(See note 3.)

0-6 hours

#### Upper-Division General Education

6 hours outside major department

(See note 2.c.)

**Hours Subtotal** **13**

#### Major Requirements

Minimum grade of "C" in all Major Required courses.

#### Core Curriculum:

GEOL 1114	Physical Geology (LN)	4
GEOL 1224	Evolution of the Earth (LN)	4
GEOL 2464	Rocks and Minerals	4
GEOL 3014	Structural Geology	4
GEOL 3034	Principles of Stratigraphy and Sedimentology	4
GEOL 3503	Environmental Geology (N)	3
GEOL 4403	Geochemistry	3
GEOL 4453	Hydrogeology	3
GEOL 3546	Field Geology	6
ENVR 1113	Elements of Environmental Science (N)	3
GEOG 4203	Fundamentals of Geographic Information Systems	3
PHYS 2114	University Physics II (LN)	4
3 hours STAT designated (A)		3

#### Related Curriculum:

9 hours upper-division related from: CHEM, ENVR, GEOG, GEOL, NREM, POLS, SOIL <sup>2</sup>

**Hours Subtotal** **57**

#### Electives

Select 10 hours. **10**

May need to include 6 hours of a foreign language. See note 3.

MATH 1513 and MATH 1813 required for students who do not place directly into MATH 2144.

**Hours Subtotal** **10**

**Total Hours** **120**

### Other Requirements

- See the College of Arts and Sciences Requirements.
- **Upper-Division Credit:** Total hours must include at least 40 hours in courses numbered 3000 or above.
- **Hours in One Department:** For B.A. and B.S. degrees, no more than 54 hours in one department may be applied to degree requirements.

### College of Arts and Sciences Requirements

#### 1. General Education Requirements

No more than two courses (or eight hours) from the major department (<http://catalog.okstate.edu/college-arts-sciences-major-departments/>) may be used to meet General Education and College and Departmental Requirements. The General Education required English Composition, required U.S. History, required American Government, one required MATH or STAT course, and required foreign

language for B.A. degrees do not count against the two-course maximum.

## 2. A&S College/Departmental Requirements

- Arts and Humanities are defined as any course carrying an (H) designation or courses from AMST, ART, DANC, ENGL (except ENGL 3323 Technical Writing) HIST, MUSI, PHIL (except PHIL 1313 Logic and Critical Thinking (A), PHIL 3003 Symbolic Logic (A) and PHIL 4003 Mathematical Logic and Computability), REL, TH, and foreign languages.
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- The foreign language requirement for the B.S., B.M. and B.F.A. may be satisfied by presenting a high school transcript which demonstrates two years of study of a single foreign language (passing grades at second-year level of study). It may also be satisfied by 6 hours college credit in the same language, which must include language courses 1713 and 1813, or equivalent proficiency (e.g., passing an advanced standing examination; TOEFL exam; presenting a high school transcript which demonstrates the high school was primarily conducted in a language other than English; etc.). Computer Science courses may not be used to satisfy this requirement.
- In addition to a. and b., students pursuing teacher certification must meet novice-high foreign language proficiency by presenting a high school transcript which demonstrates two years of study of a single foreign language with no grade below B. Or, students may complete 3 hours college credit in a single language with no grade below C (or pass an advanced standing examination, College Level Examination Program (CLEP) exam, or Oral Proficiency Interview developed by the American Council on the Teaching of Foreign Languages, equivalent to 3 hours of college credit.) Or, students may meet the requirement by transfer of documentation of meeting the foreign language competency

from one of the teacher education programs in the State of Oklahoma approved by the Oklahoma State Regents for Higher Education.

## 4. Exclusions

- Courses used to satisfy the General Education English Composition, U.S. History, American Government, and Mathematics or Statistics requirements will not count toward the 54-hour maximum allowed from one department.
- Courses with ATHL or LEIS prefixes and leisure activity courses may not be used for degree credit.

## Additional State/OSU Requirements

- At least: 60 hours at a four-year institution; 30 hours completed at OSU; 15 of the final 30 or 50% of the upper-division hours in the major field completed at OSU.
- Limit of: one-half of major course requirements as transfer work; one-fourth of hours earned by correspondence; 8 transfer correspondence hours.
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- Degrees that follow this plan must be completed by the end of Summer 2028.

## Example Plan of Study

### Finish in Four Plan of Study

The plan below is an **example** of how students can successfully complete degree requirements in four years. This suggested class schedule plan may be used as a guide and can be adjusted based on individual needs. Students are required to meet with an academic advisor prior to enrollment each semester to plan their class schedule, and students are ultimately responsible for completing all degree requirements.

Course	Title	Hours
<b>Freshman</b>		
<b>Fall</b>		
MATH 2144	Calculus I (A)	4
GEOL 1114	Physical Geology (LN)	4
GEOL 4300	Geology Colloquium	1
General Education courses		6
		<b>Hours</b>
		<b>15</b>
<b>Spring</b>		
MATH 2153	Calculus II (A)	3
CHEM 1314	Chemistry I (LN)	4
GEOL 1224	Evolution of the Earth (LN)	4
GEOL 4300	Geology Colloquium	1
General Education courses		3
		<b>Hours</b>
		<b>15</b>
<b>Sophomore</b>		
<b>Fall</b>		
CHEM 1515	Chemistry II (LN)	5
GEOL 2464	Rocks and Minerals	4
GEOL 4300	Geology Colloquium	1
ENVR 1113	Elements of Environmental Science (N)	3
College and General Education courses		2
		<b>Hours</b>
		<b>15</b>
<b>Spring</b>		
GEOL 3503	Environmental Geology (N)	3

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BIOL 1114	Introductory Biology (LN)	4
GEOL 4300	Geology Colloquium	1
Major, College, and Elective courses		7
<b>Hours</b>		<b>15</b>
<b>Junior</b>		
<b>Fall</b>		
PHYS 2014	University Physics I (LN)	4
Major, College, and Elective courses		11
<b>Hours</b>		<b>15</b>
<b>Spring</b>		
GEOL 3034	Principles of Stratigraphy and Sedimentology	4
PHYS 2114	University Physics II (LN)	4
GEOG 4203	Fundamentals of Geographic Information Systems	3
Major, College, and Elective courses		2
<b>Hours</b>		<b>13</b>
<b>Summer</b>		
GEOL 3546	Field Geology	6
<b>Hours</b>		<b>6</b>
<b>Senior</b>		
<b>Fall</b>		
GEOL 3014	Structural Geology	4
Major, College, and Elective courses		9
<b>Hours</b>		<b>13</b>
<b>Spring</b>		
GEOL 4403	Geochemistry (Every other year)	3
Major, College, and Elective courses		10
<b>Hours</b>		<b>13</b>
<b>Total Hours</b>		<b>120</b>

# Geology: Petroleum Geology, BS

## Degree Programs

**Requirements for Students Matriculating in or before Academic Year 2022-2023.** Learn more about University Academic Regulation 3.1 (p. 943).

**Minimum Overall Grade Point Average:** 2.00

**Total Hours:** 120

Code	Title	Hours
<b>General Education Requirements</b>		
<i>English Composition</i>		
See Academic Regulation 3.5 (p. 944)		
ENGL 1113	Composition I	3
or ENGL 1313	Critical Analysis and Writing I	
ENGL 1213	Composition II	3
or ENGL 1413	Critical Analysis and Writing II	
or ENGL 3323	Technical Writing	
<i>American History &amp; Government</i>		
HIST 1103	Survey of American History	3
or HIST 1483	American History to 1865 (H)	
or HIST 1493	American History Since 1865 (DH)	
POLS 1113	American Government	3
<i>Analytical &amp; Quantitative Thought (A)</i>		
MATH 2144	Calculus I (A) <sup>1</sup>	4
<i>Humanities (H)</i>		
Courses designated (H)		
6		
<i>Natural Sciences (N)</i>		
Must include one Laboratory Science (L) course		
PHYS 2014	University Physics I (LN) <sup>1</sup>	4
Select four hours from the following:		
4		
BIOL 1113	Introductory Biology (N)	
& BIOL 1111	and Introductory Biology Laboratory (LN) <sup>1</sup>	
BIOL 1114	Introductory Biology (LN) <sup>1</sup>	
<i>Social &amp; Behavioral Sciences (S)</i>		
Course designated (S)		
3		
<i>Additional General Education</i>		
Courses designated (A), (H), (N), or (S)		
7		
<b>Hours Subtotal</b>		<b>40</b>
<b>Diversity (D) &amp; International Dimension (I)</b>		
May be completed in any part of the degree plan.		
At least one Diversity (D) course		
At least one International Dimension (I) course		
<b>College/Departmental Requirements</b>		
<i>First Year Seminar</i>		
(Transfer students with 15 hours exempt)		
1		
<i>Arts &amp; Humanities</i>		
(See note 2.a.)		
3		
<i>Natural &amp; Mathematical Sciences</i>		
CHEM 1314	Chemistry I (LN)	4
CHEM 1515	Chemistry II (LN)	5
(See note 2.b.)		

### Foreign Languages

(See note 3.)

0-6 hours

### Upper-Division General Education

6 hours outside major department

(See note 2.c.)

**Hours Subtotal** **13**

### Major Requirements

Minimum grade of "C" in all Major Required courses.

#### Core Curriculum:

GEOL 1114	Physical Geology (LN)	4
GEOL 1224	Evolution of the Earth (LN)	4
GEOL 2464	Rocks and Minerals	4
GEOL 3014	Structural Geology	4
GEOL 3034	Principles of Stratigraphy and Sedimentology	4
GEOL 4023	Petroleum Geology	3
GEOL 4103	Introduction to Geophysical Exploration	3
or GEOL 4403	Geochemistry	
GEOL 4213	Plate Tectonics	3
GEOL 4313	Introduction to Well Log Analysis	3
GEOL 4453	Hydrogeology	3
GEOL 3546	Field Geology	6

#### Related Curriculum:

FIN 4003	Introduction to Energy Business	3
GEOG 4203	Fundamentals of Geographic Information Systems	3
MATH 2153	Calculus II (A)	3
PHYS 2114	University Physics II (LN)	4

**Hours Subtotal** **54**

**Electives** **13**

May need to include 6 hours of a foreign language

See note 3.

MATH 1513 and MATH 1813 required for students who do not place directly into MATH 2144.

GEOL 3103, GEOL 4113, GEOL 4463, and GEOL 4513 or GEOL 4573 recommended.

**Hours Subtotal** **13**

**Total Hours** **120**

1

College and Departmental Requirements that may be used to meet General Education Requirements.

## Other Requirements

- See the College of Arts and Sciences Requirements
- **Upper-Division Credit:** Total hours must include at least 40 hours in courses numbered 3000 or above.
- **Hours in One Department:** For B.A. and B.S. degrees, no more than 54 hours in one department may be applied to degree requirements.



## College of Arts and Sciences Requirements

### 1. General Education Requirements

No more than two courses (or eight hours) from the major department (<http://catalog.okstate.edu/college-arts-sciences-major-departments/>) may be used to meet General Education and College and Departmental Requirements. The General Education required English Composition, required U.S. History, required American Government, one required MATH or STAT course, and required foreign language for B.A. degrees do not count against the two-course maximum.

### 2. A&S College/Departmental Requirements

- Arts and Humanities are defined as any course carrying an (H) designation or courses from AMST, ART, DANC, ENGL (except ENGL 3323 Technical Writing) HIST, MUSI, PHIL (except PHIL 1313 Logic and Critical Thinking (A), PHIL 3003 Symbolic Logic (A) and PHIL 4003 Mathematical Logic and Computability), REL, TH, and foreign languages.
- Natural and Mathematical Sciences are defined as any course from the following prefixes: ASTR, BIOC, BIOL, CHEM, CS (except CS 4883 Social Issues in Computing), GEOL, MATH, MICR, PBIO, PHYS, and STAT; or courses from other departments that carry an (A) or (N) general education designation.
- The required six hours of upper-division General Education may not include courses from the student's major department. This requirement may be satisfied by courses also used to satisfy any part of a student's degree program (i.e., in General Education, College Departmental Requirements, Major Requirements or Electives).
- Non-Western Studies Requirement for B.A. and B.F.A.; One 3-hour course in Non-Western Studies (N.W.). This requirement may be satisfied by courses also used to satisfy any part of a student's degree program (i.e., in General Education, College Departmental Requirements, Major Requirements or Electives).
- The College of Arts & Sciences requires a minimum 2.0 GPA in all major requirements and a minimum 2.0 GPA in all major-prefix courses applied to the degree.

### 3. Foreign Language Proficiency

- The foreign language requirement for the B.A. may be satisfied by 9 hours college credit in the same language, which must include 3 hours at the 2000-level, or equivalent proficiency (e.g., passing an advanced standing examination; TOEFL exam; presenting a high school transcript which demonstrates the high school was primarily conducted in a language other than English; etc.). Computer Science courses may not be used to satisfy this requirement. Currently Arabic and Mvskoke are not offered at the 2000-level at OSU.
- The foreign language requirement for the B.S., B.M. and B.F.A. may be satisfied by presenting a high school transcript which demonstrates two years of study of a single foreign language (passing grades at second-year level of study). It may also be satisfied by 6 hours college credit in the same language, which must include language courses 1713 and 1813, or equivalent proficiency (e.g., passing an advanced standing examination; TOEFL exam; presenting a high school transcript which demonstrates the high school was primarily conducted in a language other than English; etc.). Computer Science courses may not be used to satisfy this requirement.

- In addition to a. and b., students pursuing teacher certification must meet novice-high foreign language proficiency by presenting a high school transcript which demonstrates two years of study of a single foreign language with no grade below B. Or, students may complete 3 hours college credit in a single language with no grade below C (or pass an advanced standing examination, College Level Examination Program (CLEP) exam, or Oral Proficiency Interview developed by the American Council on the Teaching of Foreign Languages, equivalent to 3 hours of college credit.) Or, students may meet the requirement by transfer of documentation of meeting the foreign language competency from one of the teacher education programs in the State of Oklahoma approved by the Oklahoma State Regents for Higher Education.

### 4. Exclusions

- Courses used to satisfy the General Education English Composition, U.S. History, American Government, and Mathematics or Statistics requirements will not count toward the 54-hour maximum allowed from one department.
- Courses with ATHL or LEIS prefixes and leisure activity courses may not be used for degree credit.

## Additional State/OSU Requirements

- At least:** 60 hours at a four-year institution; 30 hours completed at OSU; 15 of the final 30 and 50% of the upper-division hours in the major field completed at OSU.
- Limit of:** one-half of major course requirements as transfer work; one-fourth of hours earned by correspondence; 8 transfer correspondence hours.
- Students will be held responsible for degree requirements in effect at the time of matriculation and any changes that are made, so long as these changes do not result in semester credit hours being added or do not delay graduation.
- Degrees that follow this plan must be completed by the end of Summer 2028.

## Example Plan of Study

### Finish in Four Plan of Study

The plan below is an **example** of how students can successfully complete degree requirements in four years. This suggested class schedule plan may be used as a guide and can be adjusted based on individual needs. Students are required to meet with an academic advisor prior to enrollment each semester to plan their class schedule, and students are ultimately responsible for completing all degree requirements.

Course	Title	Hours
<b>Freshman</b>		
<b>Fall</b>		
MATH 2144	Calculus I (A)	4
GEOL 1114	Physical Geology (LN)	4
GEOL 4300	Geology Colloquium	1
General Education courses		5
		<b>Hours</b>
		<b>14</b>
<b>Spring</b>		
MATH 2153	Calculus II (A)	3
CHEM 1314	Chemistry I (LN)	4
GEOL 1224	Evolution of the Earth (LN)	4
GEOL 4300	Geology Colloquium	1

General Education courses		3
<b>Hours</b>		<b>15</b>
<b>Sophomore</b>		
<b>Fall</b>		
CHEM 1515	Chemistry II (LN)	5
GEOL 2464	Rocks and Minerals	4
GEOL 4300	Geology Colloquium	1
College and General Education courses		5
<b>Hours</b>		<b>15</b>
<b>Spring</b>		
BIOL 1114	Introductory Biology (LN)	4
GEOL 4300	Geology Colloquium	1
Major, College, and Elective courses		11
<b>Hours</b>		<b>16</b>
<b>Junior</b>		
<b>Fall</b>		
PHYS 2014	University Physics I (LN)	4
Major, College, and Elective courses		11
<b>Hours</b>		<b>15</b>
<b>Spring</b>		
GEOL 3034	Principles of Stratigraphy and Sedimentology	4
PHYS 2114	University Physics II (LN)	4
Major, College, and Elective courses		5
<b>Hours</b>		<b>13</b>
<b>Summer</b>		
GEOL 3546	Field Geology	6
<b>Hours</b>		<b>6</b>
<b>Senior</b>		
<b>Fall</b>		
GEOL 3014	Structural Geology	4
GEOL 4103 or GEOL 4403	Introduction to Geophysical Exploration or Geochemistry	3
GEOL 4313	Introduction to Well Log Analysis	3
GEOL 4453	Hydrogeology	3
<b>Hours</b>		<b>13</b>
<b>Spring</b>		
GEOL 4023	Petroleum Geology	3
GEOL 4213	Plate Tectonics (Every other year)	3
GEOG 4203	Fundamentals of Geographic Information Systems	3
Major, College, and Elective courses		4
<b>Hours</b>		<b>13</b>
<b>Total Hours</b>		<b>120</b>

## Geology: Pre-Law, BS

### Degree Programs

**Requirements for Students Matriculating in or before Academic Year 2022-2023.** Learn more about University Academic Regulation 3.1 (p. 943).

**Minimum Overall Grade Point Average: 2.00**

**Total Hours: 120**

Code	Title	Hours
<b>General Education Requirements</b>		
<i>English Composition</i>		
See Academic Regulation 3.5 (p. 944)		
ENGL 1113	Composition I	3
or ENGL 1313	Critical Analysis and Writing I	
ENGL 1213	Composition II	3
or ENGL 1413	Critical Analysis and Writing II	
or ENGL 3323	Technical Writing	
<i>American History &amp; Government</i>		
HIST 1103	Survey of American History	3
or HIST 1483	American History to 1865 (H)	
or HIST 1493	American History Since 1865 (DH)	
POLS 1113	American Government	3
<i>Analytical &amp; Quantitative Thought (A)</i>		
MATH 2144	Calculus I (A) <sup>1</sup>	4
<i>Humanities (H)</i>		
Courses designated (H)		
6		
<i>Natural Sciences (N)</i>		
Must include one Laboratory Science (L) course.		
PHYS 2014	University Physics I (LN) <sup>1</sup>	4
or PHYS 1114	College Physics I (LN)	
Select four hours from the following:		
4		
BIOL 1113	Introductory Biology (N)	
& BIOL 1111	and Introductory Biology Laboratory (LN) <sup>1</sup>	
BIOL 1114	Introductory Biology (LN) <sup>1</sup>	
<i>Social &amp; Behavioral Sciences (S)</i>		
Course designated (S)		
3		
<i>Additional General Education</i>		
Courses designated (A), (H), (N), or (S)		
7		
<b>Hours Subtotal</b>		<b>40</b>
<b>Diversity (D) &amp; International Dimension (I)</b>		
May be completed in any part of the degree plan.		
At least one Diversity (D) course		
At least one International Dimension (I) course		
<b>College/Departmental Requirements</b>		
<i>First Year Seminar</i>		
(Transfer students with 15 hours exempt)		
1		
<i>Arts &amp; Humanities</i>		
(See note 2.a.)		
3		
<i>Natural &amp; Mathematical Sciences</i>		
CHEM 1314	Chemistry I (LN)	4
CHEM 1515	Chemistry II (LN)	5

(See note 2.b.)

*Foreign Languages*

(See note 3.)

*Upper-Division General Education*

6 hours outside major department

(See note 2.c.)

**Hours Subtotal** **13**

**Major Requirements**

Minimum grade of "C" in all Geology courses.

Core Curriculum:

GEOL 1114	Physical Geology (LN)	4
GEOL 1224	Evolution of the Earth (LN)	4
GEOL 2464	Rocks and Minerals	4
GEOL 3014	Structural Geology	4
GEOL 3034	Principles of Stratigraphy and Sedimentology	4
GEOL 3503	Environmental Geology (N)	3
GEOL 4023	Petroleum Geology	3
or GEOL 4453	Hydrogeology	
GEOL 3546	Field Geology	6
PHYS 2114	University Physics II (LN)	4
or PHYS 1214	College Physics II (LN)	

3 hours STAT designated (A) 3

Pre-Law Curriculum:

18 hours from: 18

AGEC 3713	Agricultural Law	
ENGL 3323	Technical Writing	
LSB 3213	Legal and Regulatory Environment of Business	
LSB 4633	Legal Aspects of International Business Transactions (I)	
PHIL 1313	Logic and Critical Thinking (A)	
PHIL 3843	Philosophy of Law (H)	
POLS 3033	International Law	
POLS 3993	Legal Research And Analysis	
POLS 4363	Environmental Law And Policy	
PSYC 4143	Psychology and Law	
SOC 4313	Sociology of Law	
SOC 4433	Environmental Sociology (S)	
SPCH 3733	Elements of Persuasion (S)	

or other courses as approved by the Geology undergraduate advisor.

**Hours Subtotal** **57**

**Electives**

Select 10 hours 10

May need to include 6 hours of a foreign language.

See note 3.

MATH 1513 and MATH 1813 required for students who do not place directly into MATH 2144.

**Hours Subtotal** **10**

**Total Hours** **120**

1

College and Departmental Requirements that may be used to meet General Education Requirements.

2

Excluding GEOL 3043 Geology of the National Parks (N), GEOL 3413 Petroleum Geology for Engineers, and GEOL 3513 Earthquakes, Volcanoes, and Disasters (N).

## Other Requirements

- See the College of Arts and Sciences Requirements.
- **Upper-Division Credit:** Total hours must include at least 40 hours in courses numbered 3000 or above.
- **Hours in One Department:** For B.A. and B.S. degrees, no more than 54 hours in one department may be applied to degree requirements.

## College of Arts and Sciences Requirements

### 1. General Education Requirements

No more than two courses (or eight hours) from the major department (<http://catalog.okstate.edu/college-arts-sciences-major-departments/>) may be used to meet General Education and College and Departmental Requirements. The General Education required English Composition, required U.S. History, required American Government, one required MATH or STAT course, and required foreign language for B.A. degrees do not count against the two-course maximum.

### 2. A&S College/Departmental Requirements

- Arts and Humanities are defined as any course carrying an (H) designation or courses from AMST, ART, DANC, ENGL (except ENGL 3323 Technical Writing) HIST, MUSI, PHIL (except PHIL 1313 Logic and Critical Thinking (A), PHIL 3003 Symbolic Logic (A) and PHIL 4003 Mathematical Logic and Computability), REL, TH, and foreign languages.
- Natural and Mathematical Sciences are defined as any course from the following prefixes: ASTR, BIOC, BIOL, CHEM, CS (except CS 4883 Social Issues in Computing), GEOL, MATH, MICR, PBIO, PHYS, and STAT; or courses from other departments that carry an (A) or (N) general education designation.
- The required six hours of upper-division General Education may not include courses from the student's major department. This requirement may be satisfied by courses also used to satisfy any part of a student's degree program (i.e., in General Education, College Departmental Requirements, Major Requirements or Electives).
- Non-Western Studies Requirement for B.A. and B.F.A.; One 3-hour course in Non-Western Studies (N.W.). This requirement may be satisfied by courses also used to satisfy any part of a student's degree program (i.e., in General Education, College Departmental Requirements, Major Requirements or Electives).
- The College of Arts & Sciences requires a minimum 2.0 GPA in all major requirements and a minimum 2.0 GPA in all major-prefix courses applied to the degree.

### 3. Foreign Language Proficiency

- The foreign language requirement for the B.A. may be satisfied by 9 hours college credit in the same language, which must include 3 hours at the 2000-level, or equivalent proficiency (e.g., passing an advanced standing examination; TOEFL exam; presenting

a high school transcript which demonstrates the high school was primarily conducted in a language other than English; etc.). Computer Science courses may not be used to satisfy this requirement. Currently Arabic and Mvskoke are not offered at the 2000-level at OSU.

- The foreign language requirement for the B.S., B.M. and B.F.A. may be satisfied by presenting a high school transcript which demonstrates two years of study of a single foreign language (passing grades at second-year level of study). It may also be satisfied by 6 hours college credit in the same language, which must include language courses 1713 and 1813, or equivalent proficiency (e.g., passing an advanced standing examination; TOEFL exam; presenting a high school transcript which demonstrates the high school was primarily conducted in a language other than English; etc.). Computer Science courses may not be used to satisfy this requirement.
- In addition to a. and b., students pursuing teacher certification must meet novice-high foreign language proficiency by presenting a high school transcript which demonstrates two years of study of a single foreign language with no grade below B. Or, students may complete 3 hours college credit in a single language with no grade below C (or pass an advanced standing examination, College Level Examination Program (CLEP) exam, or Oral Proficiency Interview developed by the American Council on the Teaching of Foreign Languages, equivalent to 3 hours of college credit.) Or, students may meet the requirement by transfer of documentation of meeting the foreign language competency from one of the teacher education programs in the State of Oklahoma approved by the Oklahoma State Regents for Higher Education.

### 4. Exclusions

- Courses used to satisfy the General Education English Composition, U.S. History, American Government, and Mathematics or Statistics requirements will not count toward the 54-hour maximum allowed from one department.
- Courses with ATHL or LEIS prefixes and leisure activity courses may not be used for degree credit.

## Additional State/OSU Requirements

- **At least:** 60 hours at a four-year institution; 30 hours completed at OSU; 15 of the final 30 and 50% of the upper-division hours in the major field completed at OSU.
- **Limit of:** one-half of major course requirements as transfer work; one-fourth of hours earned by correspondence; 8 transfer correspondence hours.
- Students will be held responsible for degree requirements in effect at the time of matriculation and any changes that are made, so long as these changes do not result in semester credit hours being added or do not delay graduation.
- Degrees that follow this plan must be completed by the end of Summer 2028.

## Example Plan of Study

### Finish in Four Plan of Study

The plan below is an **example** of how students can successfully complete degree requirements in four years. This suggested class schedule plan may be used as a guide and can be adjusted based on individual needs. Students are required to meet with an academic advisor prior to

enrollment each semester to plan their class schedule, and students are ultimately responsible for completing all degree requirements.

Course	Title	Hours
<b>Freshman</b>		
<b>Fall</b>		
MATH 2144	Calculus I (A)	4
GEOL 1114	Physical Geology (LN)	4
GEOL 4300	Geology Colloquium	1
General Education courses		6
<b>Hours</b>		<b>15</b>
<b>Spring</b>		
CHEM 1314	Chemistry I (LN)	4
MATH 2153	Calculus II (A) (or STAT)	3
GEOL 1224	Evolution of the Earth (LN)	4
GEOL 4300	Geology Colloquium	1
General Education courses		3
<b>Hours</b>		<b>15</b>
<b>Sophomore</b>		
<b>Fall</b>		
CHEM 1515	Chemistry II (LN)	5
GEOL 2464	Rocks and Minerals	4
GEOL 4300	Geology Colloquium	1
College and General Education courses		5
<b>Hours</b>		<b>15</b>
<b>Spring</b>		
GEOL 3503	Environmental Geology (N)	3
BIOL 1114	Introductory Biology (LN)	4
3 hours STAT designated (A)		3
GEOL 4300	Geology Colloquium	1
Major, College, and Elective courses		4
<b>Hours</b>		<b>15</b>
<b>Junior</b>		
<b>Fall</b>		
PHYS 1114 or PHYS 2014	College Physics I (LN) or University Physics I (LN)	4
Major, College, and Elective courses		11
<b>Hours</b>		<b>15</b>
<b>Spring</b>		
GEOL 3034	Principles of Stratigraphy and Sedimentology	4
PHYS 1214 or PHYS 2114	College Physics II (LN) or University Physics II (LN)	4
Major, College, and Elective courses		5
<b>Hours</b>		<b>13</b>
<b>Summer</b>		
GEOL 3546	Field Geology	6
<b>Hours</b>		<b>6</b>
<b>Senior</b>		
<b>Fall</b>		
GEOL 3014	Structural Geology	4
Major, College, and Elective courses		9
<b>Hours</b>		<b>13</b>
<b>Spring</b>		
GEOL 4023 or GEOL 4453	Petroleum Geology or Hydrogeology	3
Major, College, and Elective courses		10
<b>Hours</b>		<b>13</b>
<b>Total Hours</b>		<b>120</b>

# Geology: Secondary Teacher Certification, BS

## Degree Requirements

**Requirements for Students Matriculating in or before Academic Year 2022-2023.** Learn more about University Academic Regulation 3.1 (p. 943).

**Minimum Overall Grade Point Average: 2.50**

**Total Hours: 120**

Code	Title	Hours
<b>General Education Requirements</b>		
<i>English Composition</i>		
See Academic Regulation 3.5 (p. 944)		
ENGL 1113	Composition I	3
or ENGL 1313	Critical Analysis and Writing I	
Select one of the following:		3
ENGL 1213	Composition II	
ENGL 1413	Critical Analysis and Writing II	
ENGL 3323	Technical Writing	
<i>American History &amp; Government</i>		
HIST 1103	Survey of American History	3
or HIST 1483	American History to 1865 (H)	
or HIST 1493	American History Since 1865 (DH)	
POLS 1113	American Government	3
<i>Analytical &amp; Quantitative Thought (A)</i>		
MATH 2144	Calculus I (A) <sup>1,2</sup>	4
3 hours STAT designated (A) <sup>1,2</sup>		3
<i>Humanities (H)</i>		
PHIL 3933	Creation and Evolution <sup>1</sup>	3
Course designated (H)		3
<i>Natural Sciences (N)</i>		
Must include one Laboratory Science (L) course		
GEOL 1114	Physical Geology (LN) <sup>1,2</sup>	4
PHYS 2014	University Physics I (LN) <sup>1,2</sup>	4
or PHYS 1114	College Physics I (LN)	
Select four hours from the following:		4
BIOL 1113	Introductory Biology (N)	
& BIOL 1111	and Introductory Biology Laboratory (LN) <sup>1,2</sup>	
BIOL 1114	Introductory Biology (LN) <sup>1,2</sup>	
<i>Social &amp; Behavioral Sciences (S)</i>		
Course designated (S)		3
<b>Hours Subtotal</b>		<b>40</b>
<b>Diversity (D) &amp; International Dimension (I)</b>		
May be completed in any part of the degree plan		
Select at least one Diversity (D) course		
Select at least one International Dimension (I) course		
<b>College/Departmental Requirements</b>		
<i>First Year Seminar</i>		
(Transfer students with 15 hours exempt)		1
<i>Arts &amp; Humanities</i>		

See note 2.a.		3
<i>Natural &amp; Mathematical Sciences</i>		
CHEM 1314	Chemistry I (LN)	4
CHEM 1515	Chemistry II (LN)	5
<i>Foreign Language</i>		
See note 3		0
0-6 hours		
<i>Upper-Division General Education</i>		
Select 6 hours outside major department. See note 2.c.		
<b>Hours Subtotal</b>		<b>13</b>
<b>Major Requirements</b>		
Minimum GPA 2.50 and minimum grade of "C" or "P" for courses in Geology Core and those denoted with <sup>2</sup>		
ASTR 1023	Stars, Galaxies, Universe (N)	3
GEOL 1224	Evolution of the Earth (LN)	4
GEOL 2464	Rocks and Minerals	4
GEOL 2773	Introduction to Planetary Geology (N)	3
GEOL 3014	Structural Geology	4
GEOL 3034	Principles of Stratigraphy and Sedimentology	4
GEOL 3503	Environmental Geology (N)	3
GEOL 4503	Introduction to Oceanography (N)	3
GEOG 3023	Climatology (N)	3
or GEOG 3033	Meteorology (N)	
<i>Secondary Education Professional Core</i>		
Minimum GPA 2.50 and minimum grade of "C" or "P" in each course		
SMED 1012	Inquiry Approaches to Teaching	2
SMED 3013	Knowing and Learning in Mathematics and Science	3
SMED 4013	Classroom Interactions	3
SMED 4023	Problem-Based Learning in Mathematics and Science	3
SMED 4611	Authentic Research in the Science Classroom	1
SMED 4613	Teaching the Nature of Science Through an Inquiry Approach <sup>3</sup>	3
SMED 4713	Teaching and Learning Science in the Secondary School <sup>3</sup>	3
SMED 4723	Senior Seminar in Secondary Mathematics and Science Education <sup>3</sup>	3
SPED 3202	Educating Exceptional Learners (D)	2
CIED 4720	Internship in the Secondary Classroom (6 hours) <sup>3</sup>	6
<b>Hours Subtotal</b>		<b>60</b>
<b>Electives</b>		
Select 7 hours		7
May need to include 6 hours of a foreign language (see note 3)		
Suggested electives for Physical Science Certification: CHEM 3013 or CHEM 3015 and PHYS 1214 or PHYS 2114		
MATH 1513 and MATH 1813 required for students who do not place directly into MATH 2144		



<b>Hours Subtotal</b>	<b>7</b>
<b>Total Hours</b>	<b>120</b>

1

College and Departmental Requirements that may be used to meet General Education Requirements.

2

Minimum GPA 2.50 and minimum grade of "C" or "P" for courses in Geology Core and those denoted with <sup>2</sup>.

3

Full admission to Professional Education required.

## Other Requirements

- See the College of Arts and Sciences Requirements.
- **Upper-Division Credit:** Total hours must include at least 40 hours in courses numbered 3000 or above.
- **Hours in One Department:** For B.A. and B.S. degrees, no more than 54 hours in one department may be applied to degree requirements.

## College of Arts and Sciences Requirements

### 1. General Education Requirements

No more than two courses (or eight hours) from the major department (<http://catalog.okstate.edu/college-arts-sciences-major-departments/>) may be used to meet General Education and College and Departmental Requirements. The General Education required English Composition, required U.S. History, required American Government, one required MATH or STAT course, and required foreign language for B.A. degrees do not count against the two-course maximum.

### 2. A&S College/Departmental Requirements

- Arts and Humanities are defined as any course carrying an (H) designation or courses from AMST, ART, DANC, ENGL (except ENGL 3323 Technical Writing) HIST, MUSI, PHIL (except PHIL 1313 Logic and Critical Thinking (A), PHIL 3003 Symbolic Logic (A) and PHIL 4003 Mathematical Logic and Computability), REL, TH, and foreign languages.
- Natural and Mathematical Sciences are defined as any course from the following prefixes: ASTR, BIOC, BIOL, CHEM, CS (except CS 4883 Social Issues in Computing), GEOL, MATH, MICR, PBIO, PHYS, and STAT; or courses from other departments that carry an (A) or (N) general education designation.
- The required six hours of upper-division General Education may not include courses from the student's major department. This requirement may be satisfied by courses also used to satisfy any part of a student's degree program (i.e., in General Education, College Departmental Requirements, Major Requirements or Electives).
- Non-Western Studies Requirement for B.A. and B.F.A.; One 3-hour course in Non-Western Studies (N.W.). This requirement may be satisfied by courses also used to satisfy any part of a student's degree program (i.e., in General Education, College Departmental Requirements, Major Requirements or Electives).
- The College of Arts & Sciences requires a minimum 2.0 GPA in all major requirements and a minimum 2.0 GPA in all major-prefix courses applied to the degree.

### 3. Foreign Language Proficiency

- The foreign language requirement for the B.A. may be satisfied by 9 hours college credit in the same language, which must include 3 hours at the 2000-level, or equivalent proficiency (e.g., passing an advanced standing examination; TOEFL exam; presenting a high school transcript which demonstrates the high school was primarily conducted in a language other than English; etc.). Computer Science courses may not be used to satisfy this requirement. Currently Arabic and Mvskoke are not offered at the 2000-level at OSU.
  - The foreign language requirement for the B.S., B.M. and B.F.A. may be satisfied by presenting a high school transcript which demonstrates two years of study of a single foreign language (passing grades at second-year level of study). It may also be satisfied by 6 hours college credit in the same language, which must include language courses 1713 and 1813, or equivalent proficiency (e.g., passing an advanced standing examination; TOEFL exam; presenting a high school transcript which demonstrates the high school was primarily conducted in a language other than English; etc.). Computer Science courses may not be used to satisfy this requirement.
  - In addition to a. and b., students pursuing teacher certification must meet novice-high foreign language proficiency by presenting a high school transcript which demonstrates two years of study of a single foreign language with no grade below B. Or, students may complete 3 hours college credit in a single language with no grade below C (or pass an advanced standing examination, College Level Examination Program (CLEP) exam, or Oral Proficiency Interview developed by the American Council on the Teaching of Foreign Languages, equivalent to 3 hours of college credit.) Or, students may meet the requirement by transfer of documentation of meeting the foreign language competency from one of the teacher education programs in the State of Oklahoma approved by the Oklahoma State Regents for Higher Education.
- ### 4. Exclusions
- Courses used to satisfy the General Education English Composition, U.S. History, American Government, and Mathematics or Statistics requirements will not count toward the 54-hour maximum allowed from one department.
  - Courses with ATHL or LEIS prefixes and leisure activity courses may not be used for degree credit.

## Additional State/OSU Requirements

- At least: 60 hours at a four-year institution; 30 hours completed at OSU; 15 of the final 30 or 50% of the upper-division hours in the major field completed at OSU.
- Limit of: one-half of major course requirements as transfer work; one-fourth of hours earned by correspondence; 8 transfer correspondence hours.
- Students will be held responsible for degree requirements in effect at the time of matriculation and any changes that are made, so long as these changes do not result in semester credit hours being added or do not delay graduation.
- Degrees that follow this plan must be completed by the end of Summer 2028.

## Example Plan of Study

### Finish in Four Plan of Study

The plan below is an **example** of how students can successfully complete degree requirements in four years. This suggested class schedule plan may be used as a guide and can be adjusted based on individual needs. Students are required to meet with an academic advisor prior to enrollment each semester to plan their class schedule, and students are ultimately responsible for completing all degree requirements.

Spring		
CIED 4720	Internship in the Secondary Classroom	6
SMED 4723	Senior Seminar in Secondary Mathematics and Science Education	3
<b>Hours</b>		<b>9</b>
<b>Total Hours</b>		<b>120</b>

Course	Title	Hours
<b>Freshman</b>		
<b>Fall</b>		
A&S 1111	A&S First Year Seminar	1
MATH 2144	Calculus I (A)	4
GEOL 1114	Physical Geology (LN)	4
BIOL 1114	Introductory Biology (LN)	4
SMED 1012	Inquiry Approaches to Teaching	2
<b>Hours</b>		<b>15</b>
<b>Spring</b>		
CHEM 1314	Chemistry I (LN)	4
GEOL 1224	Evolution of the Earth (LN)	4
3 hours STAT designated (A)		3
General Education courses		4
<b>Hours</b>		<b>15</b>
<b>Sophomore</b>		
<b>Fall</b>		
CHEM 1515	Chemistry II (LN)	5
GEOL 2464	Rocks and Minerals	4
GEOG 3023 or GEOG 3033	Climatology (N) or Meteorology (N)	3
General Education and College courses		3
<b>Hours</b>		<b>15</b>
<b>Spring</b>		
GEOL 3503	Environmental Geology (N)	3
GEOL 4300	Geology Colloquium	1
PHYS 1114 or PHYS 2014	College Physics I (LN) or University Physics I (LN)	4
Major, College, and Elective courses		7
<b>Hours</b>		<b>15</b>
<b>Junior</b>		
<b>Fall</b>		
GEOL 3014	Structural Geology	4
PHYS 1214 or PHYS 2114	College Physics II (LN) or University Physics II (LN)	4
SMED 4013	Classroom Interactions	3
SPED 3202	Educating Exceptional Learners (D)	2
Major, College, and Elective courses		2
<b>Hours</b>		<b>15</b>
<b>Spring</b>		
GEOL 3034	Principles of Stratigraphy and Sedimentology	4
SMED 4611	Authentic Research in the Science Classroom	1
SMED 4613	Teaching the Nature of Science Through an Inquiry Approach	3
Major, College, and Elective courses		7
<b>Hours</b>		<b>15</b>
<b>Summer</b>		
GEOL 3546	Field Geology	6
<b>Hours</b>		<b>6</b>
<b>Senior</b>		
<b>Fall</b>		
SMED 4023	Problem-Based Learning in Mathematics and Science	3
SMED 4713	Teaching and Learning Science in the Secondary School	3
Major, College, and Elective courses		9
<b>Hours</b>		<b>15</b>

## Geology (GEOL), Minor

**Requirements for Students Matriculating in or before Academic Year 2022-2023.** Learn more about University Academic Regulation 3.1 (p. 943).

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**Total Hours:** 24

Code	Title	Hours
<b>Minor Requirements</b>		
GEOL 1114	Physical Geology (LN)	4
GEOL 1224	Evolution of the Earth (LN)	4
GEOL 2464	Rocks and Minerals	4
Select at least 12 hours of upper-division GEOL		12
<b>Total Hours</b>		<b>24</b>

### Other Requirements

- No grade below "C."

### Additional OSU Requirements

#### Undergraduate Minors

- An undergraduate minor must include between fifteen and thirty hours, inclusive of undergraduate coursework.
- A minimum of six credit hours for the minor must be earned in residence at OSU.
- The courses required for a minor may be included in the course requirements for any undergraduate degree or they may be in addition to degree requirements, depending on the overlap between the minor and degree requirements. However, an undergraduate minor must be earned in an academic field other than the student's declared degree option. The minor may not duplicate the degree major or option (for example, a student who earns a BA in Art with an Art History option may earn a minor in Studio Art but not Art History).
- A student generally follows the minor requirements associated with his or her matriculation year or newer requirements that have been established since matriculation. The time limit for following requirements from a given academic year is six years.

For additional information on requirements on minors, click here (<https://adminfinance.okstate.edu/site-files/documents/policies/requirements-for-undergraduate-and-graduate-minors.pdf>).

# Geophysics, BS

## Degree Requirements

**Requirements for Students Matriculating in or before Academic Year 2022-2023.** Learn more about University Academic Regulation 3.1 (p. 943).

**Minimum Overall Grade Point Average:** 2.00

**Total Hours:** 120

Code	Title	Hours
<b>General Education Requirements</b>		
<i>English Composition</i>		
See Academic Regulation 3.5 (p. 944)		
ENGL 1113	Composition I	3
or ENGL 1313	Critical Analysis and Writing I	
Select one of the following:		3
ENGL 1213	Composition II	
ENGL 1413	Critical Analysis and Writing II	
ENGL 3323	Technical Writing	
<i>American History &amp; Government</i>		
HIST 1103	Survey of American History	3
or HIST 1483	American History to 1865 (H)	
or HIST 1493	American History Since 1865 (DH)	
POLS 1113	American Government	3
<i>Analytical &amp; Quantitative Thought (A)</i>		
MATH 2144	Calculus I (A) <sup>1</sup>	4
<i>Humanities (H)</i>		
Courses designated (H)		6
<i>Natural Sciences (N)</i>		
Must include one Laboratory Science (L) course		
CHEM 1314	Chemistry I (LN) <sup>1</sup>	4
PHYS 2014	University Physics I (LN) <sup>1</sup>	4
<i>Social &amp; Behavioral Sciences (S)</i>		
Course designated (S)		3
<i>Additional General Education</i>		
Courses designated (A), (H), (N), or (S)		7
<b>Hours Subtotal</b>		<b>40</b>
<b>Diversity (D) &amp; International Dimension (I)</b>		
May be completed in any part of the degree plan		
Select at least one Diversity (D) course		
Select at least one International Dimension (I) course		
<b>College/Departmental Requirements</b>		
<i>First Year Seminar</i>		
(Transfer students with 15 hours exempt)		1
<i>Arts &amp; Humanities</i>		
See note 2.a.		3
<i>Natural &amp; Mathematical Sciences</i>		
MATH 2153	Calculus II (A)	3
MATH 2163	Calculus III	3
MATH 2233	Differential Equations	3
<i>Foreign Language</i>		
0-6 hours. See note 3.		

### Upper-Division General Education

Select 6 hours outside major department. See note 2.c.

**Hours Subtotal** 13

### Major Requirements

Minimum grade of "C" in all Geology courses.

GEOL 1114	Physical Geology (LN)	4
GEOL 1224	Evolution of the Earth (LN)	4
GEOL 2103	Fundamentals of Geophysics	3
GEOL 2464	Rocks and Minerals	4
GEOL 3014	Structural Geology	4
GEOL 3034	Principles of Stratigraphy and Sedimentology	4
GEOL 4113	Seismic Interpretation	3
GEOL 4543	Introduction to Exploration Seismology	3
PHYS 2114	University Physics II (LN)	4
PHYS 3513	Mathematical Physics	3

Select 18 hours from the following:

GEOL 4023	Petroleum Geology	
GEOL 4213	Plate Tectonics	
GEOL 4313	Introduction to Well Log Analysis	
GEOL 4433	Applied Geostatistics	
GEOL 4443	Environmental Geophysics	
GEOL 4453	Hydrogeology	
GEOL 4463	Physical Hydrogeology	
GEOL 4643	Seismic Data Processing	
GEOL 4990	Special Problems in Earth Science (1-9 hours)	
GEOL 4993	Senior Honors Thesis	
GEOG 4333	Remote Sensing	

**Hours Subtotal** 54

### Electives

Select 13 hours 13

May need to include 6 hours of a foreign language. See note 3

May need to include 6 hours upper-division general outside major department (see note 2.c.) and 8 additional upper-division hours

MATH 1513 and MATH 1813 required for students who do not place directly into MATH 2144

Recommended courses:

CS 1103	Computer Programming (A)	
or CS 1113	Computer Science I (A)	
MATH 3013	Linear Algebra (A)	
PHYS 4113	Electricity and Magnetism	

**Hours Subtotal** 13

**Total Hours** 120

1

College and Departmental Requirements that may be used to meet General Education Requirements.

## Other Requirements

- See the College of Arts and Sciences Requirements.
- **Upper-Division Credit:** Total hours must include at least 40 hours in courses numbered 3000 or above.

- **Hours in One Department:** For B.A. and B.S. degrees, no more than 54 hours in one department may be applied to degree requirements.

## College of Arts and Sciences Requirements

### 1. General Education Requirements

No more than two courses (or eight hours) from the major department (<http://catalog.okstate.edu/college-arts-sciences-major-departments/>) may be used to meet General Education and College and Departmental Requirements. The General Education required English Composition, required U.S. History, required American Government, one required MATH or STAT course, and required foreign language for B.A. degrees do not count against the two-course maximum.

### 2. A&S College/Departmental Requirements

- Arts and Humanities are defined as any course carrying an (H) designation or courses from AMST, ART, DANC, ENGL (except ENGL 3323 Technical Writing) HIST, MUSI, PHIL (except PHIL 1313 Logic and Critical Thinking (A), PHIL 3003 Symbolic Logic (A) and PHIL 4003 Mathematical Logic and Computability), REL, TH, and foreign languages.
- Natural and Mathematical Sciences are defined as any course from the following prefixes: ASTR, BIOC, BIOL, CHEM, CS (except CS 4883 Social Issues in Computing), GEOL, MATH, MICR, PBIO, PHYS, and STAT; or courses from other departments that carry an (A) or (N) general education designation.
- The required six hours of upper-division General Education may not include courses from the student's major department. This requirement may be satisfied by courses also used to satisfy any part of a student's degree program (i.e., in General Education, College Departmental Requirements, Major Requirements or Electives).
- Non-Western Studies Requirement for B.A. and B.F.A.; One 3-hour course in Non-Western Studies (N.W.). This requirement may be satisfied by courses also used to satisfy any part of a student's degree program (i.e., in General Education, College Departmental Requirements, Major Requirements or Electives).
- The College of Arts & Sciences requires a minimum 2.0 GPA in all major requirements and a minimum 2.0 GPA in all major-prefix courses applied to the degree.

### 3. Foreign Language Proficiency

- The foreign language requirement for the B.A. may be satisfied by 9 hours college credit in the same language, which must include 3 hours at the 2000-level, or equivalent proficiency (e.g., passing an advanced standing examination; TOEFL exam; presenting a high school transcript which demonstrates the high school was primarily conducted in a language other than English; etc.). Computer Science courses may not be used to satisfy this requirement. Currently Arabic and Mvskoke are not offered at the 2000-level at OSU.
- The foreign language requirement for the B.S., B.M. and B.F.A. may be satisfied by presenting a high school transcript which demonstrates two years of study of a single foreign language (passing grades at second-year level of study). It may also be satisfied by 6 hours college credit in the same language, which must include language courses 1713 and 1813, or equivalent proficiency (e.g., passing an advanced standing examination; TOEFL exam; presenting a high school transcript which demonstrates the high school was primarily conducted in

a language other than English; etc.). Computer Science courses may not be used to satisfy this requirement.

- In addition to a. and b., students pursuing teacher certification must meet novice-high foreign language proficiency by presenting a high school transcript which demonstrates two years of study of a single foreign language with no grade below B. Or, students may complete 3 hours college credit in a single language with no grade below C (or pass an advanced standing examination, College Level Examination Program (CLEP) exam, or Oral Proficiency Interview developed by the American Council on the Teaching of Foreign Languages, equivalent to 3 hours of college credit.) Or, students may meet the requirement by transfer of documentation of meeting the foreign language competency from one of the teacher education programs in the State of Oklahoma approved by the Oklahoma State Regents for Higher Education.

### 4. Exclusions

- Courses used to satisfy the General Education English Composition, U.S. History, American Government, and Mathematics or Statistics requirements will not count toward the 54-hour maximum allowed from one department.
- Courses with ATHL or LEIS prefixes and leisure activity courses may not be used for degree credit.

## Additional State/OSU Requirements

- At least: 60 hours at a four-year institution; 30 hours completed at OSU; 15 of the final 30 or 50% of the upper-division hours in the major field completed at OSU.
- Limit of: one-half of major course requirements as transfer work; one-fourth of hours earned by correspondence; 8 transfer correspondence hours.
- Students will be held responsible for degree requirements in effect at the time of matriculation and any changes that are made, so long as these changes do not result in semester credit hours being added or do not delay graduation.
- Degrees that follow this plan must be completed by the end of Summer 2028.

## Example Plan of Study

### Finish in Four Plan of Study

The plan below is an **example** of how students can successfully complete degree requirements in four years. This suggested class schedule plan may be used as a guide and can be adjusted based on individual needs. Students are required to meet with an academic advisor prior to enrollment each semester to plan their class schedule, and students are ultimately responsible for completing all degree requirements.

Course	Title	Hours
<b>Freshman</b>		
<b>Fall</b>		
MATH 2144	Calculus I (A)	4
GEOL 1114	Physical Geology (LN)	4
General Education courses		7
		<b>Hours</b>
		<b>15</b>
<b>Spring</b>		
GEOL 1224	Evolution of the Earth (LN)	4
MATH 2153	Calculus II (A)	3
CHEM 1314	Chemistry I (LN)	4

General Education courses		4
<b>Hours</b>		<b>15</b>
<b>Sophomore</b>		
<b>Fall</b>		
GEOL 2464	Rocks and Minerals	4
PHYS 2014	University Physics I (LN)	4
MATH 2163	Calculus III	3
General Education courses		4
<b>Hours</b>		<b>15</b>
<b>Spring</b>		
GEOL 3034	Principles of Stratigraphy and Sedimentology	4
PHYS 2114	University Physics II (LN)	4
MATH 2233	Differential Equations	3
Major, College, and Elective Courses		4
<b>Hours</b>		<b>15</b>
<b>Junior</b>		
<b>Fall</b>		
GEOL 3014	Structural Geology	4
GEOL 4103	Introduction to Geophysical Exploration	3
Major, College, and Elective courses		8
<b>Hours</b>		<b>15</b>
<b>Spring</b>		
GEOL 4113 or GEOL 4543	Seismic Interpretation or Introduction to Exploration Seismology	3
PHYS 3513	Mathematical Physics	3
Major, College, and Elective courses		9
<b>Hours</b>		<b>15</b>
<b>Senior</b>		
<b>Fall</b>		
Major, College, and Elective courses		15
<b>Hours</b>		<b>15</b>
<b>Spring</b>		
GEOL 4543 or GEOL 4113	Introduction to Exploration Seismology or Seismic Interpretation	3
Major, College, and Elective courses		12
<b>Hours</b>		<b>15</b>
<b>Total Hours</b>		<b>120</b>



## Geophysics (GPHY), Minor

**Requirements for Students Matriculating in or before Academic Year 2022-2023.** Learn more about University Academic Regulation 3.1 (p. 943).

**Minimum Grade Point Average in Minor Coursework:** All coursework for the minor to be completed with a grade of "C" or better.

**Total Hours:** 24

Code	Title	Hours
MATH 2144	Calculus I (A)	4
MATH 2153	Calculus II (A)	3
PHYS 2014	University Physics I (LN)	4
PHYS 2114	University Physics II (LN)	4
GEOL 3413	Petroleum Geology for Engineers <sup>1</sup>	3
or GEOL 1114	Physical Geology (LN)	
GEOL 4103	Introduction to Geophysical Exploration	3
GEOL 4113	Seismic Interpretation	3
or GEOL 4543	Introduction to Exploration Seismology	
<b>Total Hours</b>		<b>24</b>

1

If GEOL 1114 is selected, the total hours required for the minor will be increased by one.

Contact: Sheri Orr, 404 NRC, 405-744-3729.

## Additional OSU Requirements

### Undergraduate Minors

- An undergraduate minor must include between fifteen and thirty hours, inclusive of undergraduate coursework.
- A minimum of six credit hours for the minor must be earned in residence at OSU.
- The courses required for a minor may be included in the course requirements for any undergraduate degree or they may be in addition to degree requirements, depending on the overlap between the minor and degree requirements. However, an undergraduate minor must be earned in an academic field other than the student's declared degree option. The minor may not duplicate the degree major or option (for example, a student who earns a BA in Art with an Art History option may earn a minor in Studio Art but not Art History).
- A student generally follows the minor requirements associated with his or her matriculation year or newer requirements that have been established since matriculation. The time limit for following requirements from a given academic year is six years.

For additional information on requirements on minors, click here (<https://adminfinance.okstate.edu/site-files/documents/policies/requirements-for-undergraduate-and-graduate-minors.pdf>).

## History

Courses in the Department of History are intended to give the student a broad understanding of the evolution of civilizations, peoples, countries, and institutions, and insight into the meaning of this evolution. They are also designed to prepare graduates for many types of employment.

Because history is basic to many fields, the Department's instruction is designed to aid students interested in the humanities, education, law, journalism, scientific and technical disciplines, public service, and business administration. Students in colleges other than the College of Arts and Sciences who wish to pursue the study of history are encouraged to enroll in courses of interest. The Department of History offers a number of courses that satisfy General Education requirements in the humanities, social sciences, diversity and international courses. It participates actively in the Honors Program and offers to its majors the option of pursuing an Honors certificate. The Department of History also participates actively in interdisciplinary programs.

A Bachelor of Arts (BA) in History requires 48 hours in the major and related disciplines, with 36 hours of History courses across U.S., European, and World History, plus 12 hours of upper-division courses in related departments. A History minor requires 18 hours of History, at least twelve of which must be upper-division. GPA of 2.5 in History courses with no HIST grade below "C."

## Courses

### HIST 1010 Studies in American History

**Description:** Special study in American history to allow transfer students to fulfill general education requirements as established by Regents' policy. Offered for variable credit, 1-2 credit hours, maximum of 2 credit hours.

**Credit hours:** 1-2

**Contact hours:** Contact: 1-2 Other: 1-2

**Levels:** Undergraduate

**Schedule types:** Independent Study

**Department/School:** History

### HIST 1103 Survey of American History

**Description:** Meaning, vitality, and uniqueness of United States history since 1492 through a thematic examination of the nation's past. Satisfies, with POLS 1113, the State Regents requirement of six credit hours of American history and American government before graduation. No degree credit for students with credit in HIST 1483 or HIST 1493.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** History

### HIST 1483 American History to 1865 (H)

**Description:** From European background through the Civil War. Intended for Education majors seeking certification as Social Studies teachers. No degree credit for students with credit in HIST 1103. Previously offered as HIST 2483.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** History

**General Education and other Course Attributes:** Humanities

### HIST 1493 American History Since 1865 (DH)

**Description:** May be taken independently of HIST 1483. Development of the United States including the growth of industry and its impact on society and foreign affairs. Intended for Education majors seeking certification as Social Science teachers. No degree credit for students with credit in HIST 1103. Previously offered as HIST 2493.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** History

**General Education and other Course Attributes:** Diversity, Humanities

### HIST 1613 Western Civilization to 1500 (H)

**Description:** History of western civilization from ancient world to Reformation.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** History

**General Education and other Course Attributes:** Humanities

### HIST 1623 Western Civilization after 1500 (H)

**Description:** History of western civilization from Reformation to present.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** History

**General Education and other Course Attributes:** Humanities

### HIST 1713 Survey of Eastern Civilization (H)

**Description:** History of three eastern civilizations (East Asia, South Asia and West Asia) from pre-history to the 18th century. Special attention to their origins, development, and contributions to the evolution of world civilization.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** History

**General Education and other Course Attributes:** Humanities

### HIST 1813 World History from Ancient Times to 1500 (H)

**Description:** This course examines the development of social, cultural, economic, and political systems from ancient times to the beginning of the sixteenth century. We will examine the growth of empires, trade routes, religions, and culture in Asia, Africa, the Americas, and Europe. This course will examine the ways in which these societies connected and made contact with each other through trade, warfare, and migration and the resulting exchange of ideas. Previously offered as HIST 2213.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** History

**General Education and other Course Attributes:** Humanities

**HIST 1823 World History 1500 to Present (H)**

**Description:** This course surveys world history from 1500 to the present day. The course will track the formation of the “modern” world through a study of changes in political situations, culture, and society. The course will examine topics such as changes in science and technology, culture and religion, the expansion and decline of empires, the growth of nationalism, and the continuing rise of globalization. The class will emphasize the role of changing definitions and roles of race, social class, and gender in shaping historical events. Previously offered as HIST 2223.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** History

**General Education and other Course Attributes:** Humanities

**HIST 2023 History of the Present (H)**

**Description:** Introduction to the study of history through the lens of current events and contemporary issues. Particular areas of focus will vary, based on instructor’s expertise, to include topics like race, gender religion, food, sports, environment, politics, immigration, mass incarceration, and/or globalization, among others. Contact the History Department for specific information for the upcoming semester.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** History

**General Education and other Course Attributes:** Humanities

**HIST 2333 American Thought and Culture: Survey (H)**

**Description:** Survey of American religious, philosophical, artistic, and scientific ideas and their impact on culture and values.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** History

**General Education and other Course Attributes:** Humanities

**HIST 2343 Religion in America (DH)**

**Description:** Survey of the religions practiced in North America and the United States from the colonial era to the twenty-first century, including Native American religions, Christianity, Islam, and Judaism; impact of religion on social reform, politics, and intellectual life.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** History

**General Education and other Course Attributes:** Diversity, Humanities

**HIST 2513 Plantation to Plate: Sugar, Bananas, and Coffee in America (H)**

**Description:** Considers the historical impact that three food commodities – bananas, sugar, and coffee – have had on producing and consuming societies in Latin America and the United States. Analyzes the way food influenced the formation of racial and gender identities and examines different moments when these commodities influenced foreign policy and politics. Same course as AMST 2513.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** History

**General Education and other Course Attributes:** Humanities

**HIST 2890 Honors Experience in History**

**Prerequisites:** Honors Program participation and concurrent enrollment in a designated HIST course.

**Description:** A supplemental Honors experience in History to partner concurrently with designated History courses. This course adds a different intellectual dimension to the designated course(s). Offered for fixed credit, 1 credit hour.

**Credit hours:** 1

**Contact hours:** Lecture: 1 Contact: 1

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** History

**General Education and other Course Attributes:** Honors Credit

**HIST 3013 Ancient Egypt and Israel (H)**

**Description:** The history of Egypt from prehistory through the New Kingdom, and ancient Israel from prehistory through the Persians.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** History

**General Education and other Course Attributes:** Humanities

**HIST 3023 Ancient Greece (H)**

**Description:** The Greek world from the Bronze Age through Alexander the Great with special emphasis on politics, culture and institutions of Classical Greece.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** History

**General Education and other Course Attributes:** Humanities

**HIST 3033 Ancient Rome: The Republic (H)**

**Description:** Political, social, cultural and economic history of the Roman Republic from the Etruscans to the death of Julius Caesar.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** History

**General Education and other Course Attributes:** Humanities

**HIST 3043 Ancient Mesopotamia: Iraq, Iran & Syria from 4000-333 B.C. (H)**

**Description:** From the birth of civilization to the end of the Persian Empire, this course examines the history, archaeology and cultures of the fertile crescent.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** History

**General Education and other Course Attributes:** Humanities

**HIST 3053 Introduction to Central Asia Studies (IS)**

**Description:** A comprehensive view of newly-emerged Central Asian states examining the history, politics, economics, geography, and culture of Azerbaijan, Kazakhstan, Kyrgyzstan, Tajikistan, Turkmenistan and Uzbekistan as reflected in their thoughts, religion, literature, and architecture in the past, and the strategic importance of their natural wealth for the present and future. Same course as GEOG 3053, GLST 3053, POLS 3053 & RUSS 3053.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** History

**General Education and other Course Attributes:** International Dimension, Social & Behavioral Sciences

**HIST 3063 The Roman Empire (H)**

**Description:** This empire provides a historical survey of the Roman Empire from the middle of the 1st century BCE through the middle of the 5th century CE. This course covers a range of interrelated themes and issues that shaped the everyday lives of Romans, including the importance of social hierarchies within and across civil affairs and family life; the various political structures and forms of governance within the empire; the dimensions of military life, conquests and expansion; economic realities; work and leisure; and various cultural aspects including the roles of religion and philosophy.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** History

**General Education and other Course Attributes:** Humanities

**HIST 3073 History of Science (H)**

**Description:** This course offers an introduction to the history of science from the ancient world to the present. It will not focus exclusively on discoveries and their discoverers. Instead, it will stress questions such as: What is science, how has it been practiced, and by whom? Does culture play a role in scientific development? What is the relationship of gender, race, class, sexual identity, and science?

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** History

**General Education and other Course Attributes:** Humanities

**HIST 3083 Modern Italy: Cultural Patrimony and National Identity (HI)**

**Description:** This course will examine Italy's cultural patrimony and its role shaping the country's national identity and international reputation. Students will study the influence of Italy's artistic and architectural heritage on modern Italian society, global tourism, and international conservation policies. Among the topics explored will be Pompei and the western imagination, the Monuments Men during World War II, mass tourism in the city of Venice, and the competing interests of international, national, and local communities.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** History

**General Education and other Course Attributes:** Humanities, International Dimension

**HIST 3093 Historical Geography of North America to 1800 (H)**

**Description:** This course is an examination of the cultural geography of colonial North America from the earliest European contact with Native Americans to the end of the 18th Century. The course examines regional patterns of indigenous American Indian settlement, European exploration, trade, coloniatization, immigration, impacts upon indigenous societies, and the development of pre industrial economic regions. Students will gain an appreciation of the interactions of various indigenous, European, and African peoples in different environments in the colonial era. Same course as GEOG 3093.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** History

**General Education and other Course Attributes:** Humanities

**HIST 3113 Germany Since 1815 (HI)**

**Description:** Creation of a centralized state in Germany; impact of World War I and the subsequent failure of the Weimar Republic; rise of national socialism, totalitarianism, and the Third Reich; German experience in WWII, repression of minorities, and the Holocaust; post-war Germany and modern reunification.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** History

**General Education and other Course Attributes:** Humanities, International Dimension

**HIST 3123 The History of Modern Africa (HI)**

**Description:** The course will cover the history of Modern Africa from 1750 to the present. The class will begin with a general background and history of ancient and early modern Africa, and move forward with examinations of colonial and contemporary African culture, society, and politics. The course will have a particular focus on African perspectives on the West, and the effects of the slave trade, imperialism, and globalization on modern day Africa. Students will analyze many different types of sources including films, artwork, graphic novels, novels, and poetry.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** History

**General Education and other Course Attributes:** Humanities, International Dimension

**HIST 3133 African Diaspora History (DH)**

**Description:** Introduction to the origin, development, and maturation of the African Diaspora in the Americas and the Caribbean, from the transatlantic slave trade to the mid-20th century. Emphasis is placed on a critical reading and discussion of a selection of essays, historiographies and primary materials on diasporic and transnational experiences and identities of Africans, African descendants, and Caribbean transmigrants.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** History

**General Education and other Course Attributes:** Diversity, Humanities

**HIST 3153 Russia to 1861 (H)**

**Description:** Political, institutional, societal and economic development of Russia from the Kievan period to the Great Reforms.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** History

**General Education and other Course Attributes:** Humanities

**HIST 3163 Russia Since 1861 (HI)**

**Description:** Modernizations of Russia in the 19th and 20th centuries. Great reforms and their effects and the 1917 revolutions and their consequences.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** History

**General Education and other Course Attributes:** Humanities, International Dimension

**HIST 3203 The Medieval World, 500-1500 (H)**

**Description:** The society and culture of Europe, Byzantium and the Middle East, 500-1500. Emphasis on social, cultural, religious and political developments.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** History

**General Education and other Course Attributes:** Humanities

**HIST 3233 Late Medieval World, 1000-1450 (H)**

**Description:** The Late Middle Ages in Europe and its ties to the Middle East. Examines the period of the Black Death, Hundred Years War, early Renaissance, and the flourishing of new forms of government, religious life and social upheaval. Emphasis on social, cultural, religious and political developments.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** History

**General Education and other Course Attributes:** Humanities

**HIST 3243 Renaissance, 1350-1517 (H)**

**Description:** The development of the Renaissance from the Italian city-states to the New World. Political development, cultural innovation, and the role of disease in history.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** History

**General Education and other Course Attributes:** Humanities

**HIST 3253 Absolutism and Enlightenment, 1648-1789**

**Description:** Political, economic, social, intellectual and religious transformation of Europe between the Peace of Westphalia and the French Revolution.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** History

**HIST 3263 Modern Europe, 1815-1914 (H)**

**Description:** Impact of modernization on the character of European societies and their imperial domains. Factors that transformed the Continent into a battle ground in the 20th century.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** History

**General Education and other Course Attributes:** Humanities

**HIST 3273 Modern Europe Since 1914 (HI)**

**Description:** Origins, character and impact of the first World War; emergence and consequences of the totalitarian state; nature of political and intellectual terrorism. Effects of worldwide economic depression; dilemmas of modern democracies; political collapse of Europe as a consequence of World War II.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** History

**General Education and other Course Attributes:** Humanities, International Dimension



**HIST 3303 Nations on the Move: Latin American Migration and Latinx Communities in the US (DH)**

**Description:** Examines Latin American migration to the United States through a case study approach. Considers US foreign policy, questions of labor and economic motivations, political violence and persecution, changes in immigration law, environmental issues, histories of the process of migration, and the formation of new identities and transnational communities and activism in the United States. Same course as AMST 3303.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** History

**General Education and other Course Attributes:** Diversity, Humanities

**HIST 3323 Modern France, 1789-Present (HI)**

**Description:** French politics, economy, society, and culture from the Revolution and rise of Napoleon to France's post-World War II "rebirth" and reckoning with its colonial past.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** History

**General Education and other Course Attributes:** Humanities, International Dimension

**HIST 3333 History of the Second World War (HI)**

**Description:** Problems leading to World War II with their international implications and consideration of the war years.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** History

**General Education and other Course Attributes:** Humanities, International Dimension

**HIST 3343 World War I in Modern European Culture (HI)**

**Description:** Analysis of the war as the principal event determining the course of twentieth century European history: battles, home fronts, personal, literary and artistic expression.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** History

**General Education and other Course Attributes:** Humanities, International Dimension

**HIST 3353 Mediterranean World**

**Description:** Examination of the cultural and social encounters between East and West, Christian and Muslim. The meeting point for three world cultures and three continents explored in the following themes: pilgrimage, commerce, slavery, intellectual exchange, warfare, and minority communities.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** History

**HIST 3363 Popular Religion in the West, 1300-1700 (H)**

**Description:** The study of the religious experience of both lay people and clergy between 1300 and 1700, when their religious worldview underwent fundamental challenges and changes. The effort to understand the relationship between the secular world and the supernatural will be explored through devotional ideas, practices and religious rituals.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** History

**General Education and other Course Attributes:** Humanities

**HIST 3373 Invasion and Identity: The Medieval English World: 700-1400 (H)**

**Description:** Medieval English history through Britain's experience of invasion and settlement: includes the Vikings, Normans and England's conquest of Britain and parts of France. Emphasis on social, cultural, political and religious history.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** History

**General Education and other Course Attributes:** Humanities

**HIST 3383 Tudor-Stuart England (H)**

**Description:** History of England from the War of the Roses through the coming of the House of Hanover in 1714. Development of the centralized state, parliamentary reaction, reorientation of the English society and economy and the English Reformation.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** History

**General Education and other Course Attributes:** Humanities

**HIST 3393 Modern England: 1714-Present (H)**

**Description:** English history from the arrival of the house of Hanover through the decline of British influence following the Second World War. Political, social, and economic problems encountered as a result of the creation of the first modern industrialized state.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** History

**General Education and other Course Attributes:** Humanities

**HIST 3403 East Asia to 1800 (H)**

**Description:** Traditional Chinese civilization and its impact on Japan, Korea and Southeast Asia.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** History

**General Education and other Course Attributes:** Humanities



**HIST 3413 East Asia Since 1800 (HI)**

**Description:** Impact of the Occident on China, Japan and Southeast Asia. Problems of trade and diplomacy; political and industrial transformation of Japan; revolutionary process in China; the rise of nationalism in Southeast Asia.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** History

**General Education and other Course Attributes:** Humanities, International Dimension

**HIST 3423 Modern Japan (HI)**

**Description:** Modernization process in Japan since 1868.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** History

**General Education and other Course Attributes:** Humanities, International Dimension

**HIST 3433 Modern China (HI)**

**Description:** Response of China to the West since 1840, with stress on economic, social and intellectual currents.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** History

**General Education and other Course Attributes:** Humanities, International Dimension

**HIST 3443 Gender Relations in Chinese History (H)**

**Description:** Men's and women's social, cultural, religious, political, economic, family, and sexual experiences in Chinese history; particularly women's own voices and efforts in pursuing their own goals and aspirations. Same course as GWST 3443.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** History

**General Education and other Course Attributes:** Humanities

**HIST 3453 Colonial Latin America (H)**

**Description:** Considers the encounter between Indigenous peoples and Europeans in Latin America, analyzing the formation of race, class, religious, and gender identities. Focuses on Indigenous and European experiences with imperialism, 18th Century reforms, and independence movements.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** History

**General Education and other Course Attributes:** Humanities

**HIST 3463 Modern Latin America (HI)**

**Description:** Considers nation-state formation in Latin America, emphasizing 19th century dictators and liberal reform movements. Explores U.S. foreign policy, indigenous mobilizations, 20th century revolutions, and contemporary issues such as natural disasters, the drug trade, and immigration.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** History

**General Education and other Course Attributes:** Humanities, International Dimension

**HIST 3473 British Empire and Commonwealth of Nations (H)**

**Description:** This course will examine the growth of the British Empire from the eighteenth century to decolonization in the twentieth century. The course will focus on Britain's colonies in Africa, Asia, and the Americas, and compare British imperialism to other global imperial powers. Topics will include historical studies of colonial literature, exploration, popular culture, medicine, education, military history, imperial anthropology, and gender.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** History

**General Education and other Course Attributes:** Humanities

**HIST 3483 Reformation Europe, 1517-1648 (H)**

**Description:** Development and impact of religious reform movements, overseas expansion, statebuilding, the Scientific Revolution, and the Thirty Years' War on European civilization.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** History

**General Education and other Course Attributes:** Humanities

**HIST 3493 Scandinavia Since 1500 (HI)**

**Description:** Exploration of Scandinavia from 1500 to the present. Focus on key historical and contemporary questions such as the spread of Lutheran reform, Sweden and Denmark as major European powers, the growth of nationalism and Scandinavian identity, industrialization, the welfare state, and multiculturalism.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** History

**General Education and other Course Attributes:** Humanities, International Dimension

**HIST 3503 Medieval Islamic History (H)**

**Description:** Rise of Islam in Arabia and subsequent spread to Africa, Asia and Europe. Discussion of political, social, cultural and economic institutions established in the Middle Ages as well as diversity of Islamic and continuing non-Islamic traditions.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** History

**General Education and other Course Attributes:** Humanities

**HIST 3513 Modern Middle East (HI)**

**Description:** Main political events, social institutions, cultural and economic developments, as well as various aspects of everyday life in the Middle East. Transformation of traditional society, imperialism and independence, Arab nationalism, Arab-Israeli conflict, the impact of oil, westernization, the rise of militant Islam, and the prospects of democratization.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** History

**General Education and other Course Attributes:** Humanities, International Dimension

**HIST 3523 History of Modern India and South Asia (HI)**

**Description:** The course will examine the histories of India, Pakistan, Bangladesh, and Sri Lanka from the late 1700s to the present. It will focus on the historical changes in South Asian politics, culture, economics and society beginning with the growth of European imperial influence in the region and end with an examination of the issues facing these nations in the present day.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** History

**General Education and other Course Attributes:** Humanities, International Dimension

**HIST 3543 Israel & Palestine in Modern Times (HI)**

**Description:** History of 19th and 20th century Palestine, Zionism and the founding of modern Israel. The Palestine-Israeli conflict in local and regional perspectives.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** History

**General Education and other Course Attributes:** Humanities, International Dimension

**HIST 3573 The Mongol Empire (H)**

**Description:** Genghis Khan is infamous for destruction of his conquests, yet his empire grew to be the largest land empire in history, and sparked diplomatic and cultural contacts on a far wider scale than ever before.

This course traces the Mongol Empire from Genghis himself to the legacy of the divided Mongol khanates. Attention will be paid to the Mongol Empire's institutional structure, political and cultural dynamics, contacts with Europe, and historians' methods for using primary sources.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** History

**General Education and other Course Attributes:** Humanities

**HIST 3583 Minorities and Diversity in the Middle East (H)**

**Description:** The Middle East has long been a melting pot, or mosaic, of different groups. Large parts of the region have even been ruled by minorities. This course will explore the history of social diversity in the Middle East, including ways that ethnic and religious minority groups interacted with rulers, the majority, and each other, whether peacefully or not. The effects of long-term social diversity will bring discussion to the contribution of minority groups to the Middle East as we know it today.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** History

**General Education and other Course Attributes:** Humanities

**HIST 3593 Introduction to Museum and Cultural Studies (H)**

**Description:** Historical and theoretical introduction to museum ethics, the function of the curator, and the hanging role of the museum. Same course as ART 3583.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** History

**General Education and other Course Attributes:** Humanities

**HIST 3613 American Colonial Period to 1750 (H)**

**Description:** European colonization of North America; political, social, cultural, intellectual, religious, and economic developments; Native American engagement with and resistance to colonialism; relations between English, French, and Spanish colonies; and the emergence of slavery in America.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** History

**General Education and other Course Attributes:** Humanities

**HIST 3623 Era of the American Revolution (H)**

**Description:** Transition from British colonies to independent United States; important military, political, cultural, economic, social, and religious aspects of the American Revolution; how changes affected all people in America, including African Americans, Native Americans, and women.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** History

**General Education and other Course Attributes:** Humanities

**HIST 3633 Early National Period, 1787-1828 (H)**

**Description:** Drafting and adopting the Constitution, organizing the government, Jeffersonian Republicanism, the War of 1812, territorial expansion, the new West, nationalism and sectionalism.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** History

**General Education and other Course Attributes:** Humanities

**HIST 3643 Antebellum America, 1828-1850 (H)**

**Description:** Major social, cultural, economic, and political developments of mid-nineteenth-century America including: Indian removal, early social reform the expansion of slavery, the growth of capitalism, settler colonialism in the West, and the origins of political sectionalism leading to disunion.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** History

**General Education and other Course Attributes:** Humanities

**HIST 3653 Civil War and Reconstruction, 1850-1877**

**Description:** Causes, decisive events, personalities and consequences of the disruption and reunion of the United States.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** History

**HIST 3663 U.S History 1877-1919 (H)**

**Description:** The impact of industrialization upon American society and politics. America's rise to world power, the Progressive movement and World War I.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** History

**General Education and other Course Attributes:** Humanities

**HIST 3673 United States History, 1919-45 (DH)**

**Description:** The political, economic, social and cultural changes in the United States from 1919 to 1945, the 1920s, the Depression, the New Deal, WWII, and domestic impact of the war.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** History

**General Education and other Course Attributes:** Diversity, Humanities

**HIST 3683 United States History Since 1945 (DH)**

**Description:** The political, social, and cultural history of the United States since World War II. Topics include the Cold War at home and abroad, the Civil Rights and other social movements, 1960s culture vs. counterculture, the Vietnam War, Watergate, Reagan's America, the War on Terror, and modern globalization.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** History

**General Education and other Course Attributes:** Diversity, Humanities

**HIST 3693 The Modern West (H)**

**Description:** Social, political, economic changes that define the twentieth-century American West.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** History

**General Education and other Course Attributes:** Humanities

**HIST 3703 Oklahoma History (DH)**

**Description:** Early exploration and establishment of Indian Territory; the rise and demise of the Five Indian Nations; and the organization and development of the 46th state to the present. Required of all candidates for teacher's licensure/certification in social studies. Previously offered as HIST 2323.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** History

**General Education and other Course Attributes:** Diversity, Humanities

**HIST 3713 Women in the American West (DH)**

**Description:** Introduction to the history of women in the American West from pre-contact to present, with emphasis on cultural diversity, women's roles as economic and social partners, and the many ways women were active participants in western development. This course incorporates Oklahoma and public history using written documents, art, film, museum and archival materials, and local historical sources.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** History

**General Education and other Course Attributes:** Diversity, Humanities

**HIST 3753 Trans-Mississippi West (DH)**

**Description:** Emergence of the modern West from Spanish and French settlement and exploration, the Rocky Mountain fur trade, the settlement of Texas, Oregon, California, and Utah, the mining, ranching and farming frontiers, the Indian Wars and transportation.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** History

**General Education and other Course Attributes:** Diversity, Humanities

**HIST 3763 American Southwest (DH)**

**Description:** Southwestern states of Texas, Arizona, New Mexico and California from the Spanish colonial period to the present. Mining, ranching, farming frontiers, Indian wars of the Apache, Comanche and other southwestern tribes, and the emergence of the modern Southwest.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** History

**General Education and other Course Attributes:** Diversity, Humanities

**HIST 3773 Old South (S)**

**Description:** Social, political and industrial conditions in the South before the Civil War.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** History

**HIST 3793 Native American History (DH)**

**Description:** Introduction to the history of Native American peoples from encounters with European colonists to the present, with an emphasis on tribal nationhood and sovereignty, war and diplomacy, treaty rights and federal policies, indigeneity in modern contexts, and a leadership in Indian Country.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** History

**General Education and other Course Attributes:** Diversity, Humanities

**HIST 3803 History of Food (H)**

**Description:** This course offers an interdisciplinary examination of the history and culture of food production and consumption in the US with an emphasis on how US food ways relate to those of other countries. It examines such topics as: food and the formation of social bonds, food and identity, the cultural meaning of food ways, issues of justice and equality in food production and consumption, and how food cultures have developed over time and in relation to other societies. Same course as AMST 3733.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** History

**General Education and other Course Attributes:** Humanities

**HIST 3843 War and Memory in America (H)**

**Description:** Examines the ways in which Americans have remembered and commemorated war from the American Revolution to the Global War on Terror. Topics include the creation and perpetuation of memory from both soldiers and civilians, the portrayal of war in popular culture, and the challenges of commemorating and memorializing America's militant past. Same course as AMST 3843.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** History

**General Education and other Course Attributes:** Humanities

**HIST 3853 History of the North American Borderlands (DH)**

**Description:** This class analyzes the histories of the US-Mexico, US-Canada, and Native American borderlands from the 16th century to the present. Topics include indigenous spaces and sovereignty, the establishment of colonial regimes, the formation of nation-states and changing notions of citizenship, immigration policies and experiences, intercultural and interracial communities and tensions, crime and smuggling, representations of the border in media and popular culture, and the political and economic relationships between the United States, Mexico, and Canada.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** History

**General Education and other Course Attributes:** Diversity, Humanities

**HIST 3863 Disability in America (DH)**

**Description:** Examines the history of disability in American culture. Considers evolving ideas about disability and the status of disabled people in American society. Topics include disability and the law; eugenics; the disability rights movement; representations of disability in popular culture; and intersecting ideas about disability, race, gender, and class. Same course as AMST 3863.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** History

**General Education and other Course Attributes:** Diversity, Humanities

**HIST 3890 Advanced Honors Experience in History**

**Prerequisites:** Honors Program participation and concurrent enrollment in a designated HIST course.

**Description:** A supplemental Honors experience in History to partner concurrently with designated upper-division HIST courses. This course adds a different intellectual dimension to the designated course(s).

**Credit hours:** 1

**Contact hours:** Lecture: 1 Contact: 1

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** History

**General Education and other Course Attributes:** Honors Credit

**HIST 3903 Introduction to the Study of History****Prerequisites:** History major or consent of instructor.**Description:** This course is an introduction to the study of history. It offers an overview of the development of the discipline, historiography, and the philosophy of history. Students learn about the methodology of history, types of historical problems, habits of thought necessary for the discipline, and methods such as research and writing. Previously offered as HIST 2013.**Credit hours:** 3**Contact hours:** Lecture: 3 Contact: 3**Levels:** Undergraduate**Schedule types:** Lecture**Department/School:** History**HIST 3913 History of Medicine (H)****Description:** Historical growth of medicine and its relationship to the society in which it develops. Scientific problems, cultural, religious and medicine.**Credit hours:** 3**Contact hours:** Lecture: 3 Contact: 3**Levels:** Undergraduate**Schedule types:** Lecture**Department/School:** History**General Education and other Course Attributes:** Humanities**HIST 3953 Religion in Modern Europe****Description:** Religious thought and experience as influences on the politics, economy, and general culture of European nations from the 17th century to the present.**Credit hours:** 3**Contact hours:** Lecture: 3 Contact: 3**Levels:** Undergraduate**Schedule types:** Lecture**Department/School:** History**HIST 3963 Ideas and Ideologies in Modern Europe (H)****Prerequisites:** HIST 1623.**Description:** Intellectual and ideological developments in modern Europe, including political, social, and cultural foundations and impact on modern Europe.**Credit hours:** 3**Contact hours:** Lecture: 3 Contact: 3**Levels:** Undergraduate**Schedule types:** Lecture**Department/School:** History**General Education and other Course Attributes:** Humanities**HIST 3980 Studies in History****Description:** Special topics in history. Offered for variable credit, 1-3 credit hours, maximum of 9 credit hours.**Credit hours:** 1-3**Contact hours:** Contact: 1-3 Other: 1-3**Levels:** Undergraduate**Schedule types:** Independent Study**Department/School:** History**HIST 4033 Introduction to Public History (H)****Description:** Introduction to the study and practice of Public History, including historic preservation, cultural resources management, museums, archival work, oral history and memory.**Credit hours:** 3**Contact hours:** Lecture: 3 Contact: 3**Levels:** Undergraduate**Schedule types:** Lecture**Department/School:** History**General Education and other Course Attributes:** Humanities**HIST 4063 Historic Preservation****Description:** Focuses on the United States and examines the history and theory of the preservation movement, the legal basis for preservation of the built environment and the methodology of preservation. No credit for students with credit in HIST 5063.**Credit hours:** 3**Contact hours:** Lecture: 3 Contact: 3**Levels:** Undergraduate**Schedule types:** Lecture**Department/School:** History**HIST 4073 Digital Methods in History****Description:** Introduction to the methods and practice of working with digital sources, creating digital content, basic foundations of software and metadata for digital archives, introduction to web design and database construction.**Credit hours:** 3**Contact hours:** Lecture: 3 Contact: 3**Levels:** Undergraduate**Schedule types:** Lecture**Department/School:** History**HIST 4093 Oral History: Theory and Methodology****Description:** This course is an interdisciplinary introduction to oral history methodology, theory, and professional practice. It examines how oral history projects are constructed and administered and archivally managed. The course will also explore the technologies involved in the collection of interviews, the reliability of memory and the utilization of oral histories in various forms of dissemination. Students will gain practical experience in oral history interviewing and related aspects of oral history, such as transcribing, editing, archiving, and publishing oral histories. May not be used for degree credit with HIST 5093.**Credit hours:** 3**Contact hours:** Lecture: 3 Contact: 3**Levels:** Undergraduate**Schedule types:** Lecture**Department/School:** History**HIST 4103 Historical Geography of the United States (H)****Description:** Examination of the spatial dynamics of frontier encounter and settlement, regional development, and cultural landscape evolution in the United States from pre-European to modern times. Same course as GEOG 4103.**Credit hours:** 3**Contact hours:** Lecture: 3 Contact: 3**Levels:** Undergraduate**Schedule types:** Lecture**Department/School:** History**General Education and other Course Attributes:** Humanities



**HIST 4153 African American History, 1619-1865 (DH)**

**Description:** Overview of the history of African Americans from the onset of slavery and the slave trade to the Civil War. Topics include: African background; interaction between Africans, Indians and Europeans; development of slavery; forms of resistance; rise of the abolitionist movement; and conditions of free blacks.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** History

**General Education and other Course Attributes:** Diversity, Humanities

**HIST 4163 African American History, 1865-Present (DH)**

**Description:** Overview of the history of African Americans from the end of the Civil War to the present. Topics include emancipation and Reconstruction; the Jim Crow Era; migrations to the North and West; the Civil Rights and Black Power Movements; contemporary developments in African American life.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** History

**General Education and other Course Attributes:** Diversity, Humanities

**HIST 4173 Black Intellectual History (DH)**

**Description:** Examines the nature of black social and political thought from the early 18th to the mid-20th century and the contributions made by black intellectuals to discussions of race, citizenship and nationality. Emphasis is placed on topics of abolitionism, labor movements, populism, socialism, pan-Africanism, feminism, and the civil rights movement.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** History

**General Education and other Course Attributes:** Diversity, Humanities

**HIST 4253 U.S. Foreign Relations to 1945 (H)**

**Description:** American experience in foreign relations from colonial times to World War II.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** History

**General Education and other Course Attributes:** Humanities

**HIST 4273 U.S. Foreign Relations Since 1945 (H)**

**Description:** Overview of the history of U.S. foreign relations from World War II to the present.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** History

**General Education and other Course Attributes:** Humanities

**HIST 4333 History of Sexuality in the United States (D)**

**Description:** This class analyzes the history of sexuality in the U.S. from the 16th century to the present. It considers how social, cultural, political, and economic conditions have affected changing meanings of sexuality over time. It takes an intersectional approach, paying particular attention to how issues of race, class, and gender have shaped attitudes towards and experiences of sexuality in the American past. Same course as GWST 4333.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** History

**General Education and other Course Attributes:** Diversity

**HIST 4353 American Military History (H)**

**Description:** Civil-military relations, the military implications of American foreign policy, and the impact of technological advances on warfare since colonial times.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** History

**General Education and other Course Attributes:** Humanities

**HIST 4363 US History through Popular and Unpopular Music (DH)**

**Description:** This course will explore how music – including folk, rock, jazz, vaudeville, country, blues, and hip-hop – makes history and history makes music. In doing so, this course will consider music's discursive power within the arenas of American social, cultural, gender, racial, class, and political struggles.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** History

**General Education and other Course Attributes:** Diversity, Humanities

**HIST 4403 Sorcerers, Saints and Heretics: Religion in the Medieval World (H)**

**Description:** Religious belief and practice in the medieval world, c. 500-1300. Examines the formation of major religions, the experience of religious minorities, the experience of interfaith communities, enduring superstitions and heresies.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** History

**General Education and other Course Attributes:** Humanities

**HIST 4413 Sex and Gender in the Medieval World (H)**

**Description:** Historical attitudes toward sex and gender history in medieval Europe. Interdisciplinary approach also including cultural, social, economic and religious history. Same course as GWST 4413.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** History

**General Education and other Course Attributes:** Humanities



**HIST 4433 From Assassin's Creed to Witcher: Medievalism in the 21st Century World (H)**

**Description:** Assesses video game and film portrayals of the Middle Ages and medievalism. Through historiographical readings and critical analysis of modern media sources, examines the ways in which popular media depictions of the past weave fact with fiction, building on our common cultural narrative of "medieval-ish" worlds.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** History

**General Education and other Course Attributes:** Humanities

**HIST 4453 History and Film (H)**

**Description:** Examines the ways in which historical events are made available to viewers through the medium of the cinema. The primary focus involves examining the relationship between historical events and the ways in which those events are depicted, commemorated, memorialized, remembered and misremembered in film.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** History

**General Education and other Course Attributes:** Humanities

**HIST 4463 American Cultural History to 1865 (H)**

**Description:** American society in nonpolitical aspects: sections, classes, national culture and social structure, immigration, education, religion, reform, world influences; ends with Civil War.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** History

**General Education and other Course Attributes:** Humanities

**HIST 4483 American Cultural History Since 1865 (H)**

**Description:** Continuation of HIST 4463; may be taken independently. Emphasis on nonpolitical aspects of American society and thought and on world influences.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** History

**General Education and other Course Attributes:** Humanities

**HIST 4493 Frontier in American Memory (H)**

**Description:** Examination of the ways in which several American frontiers have been remembered, especially in popular culture. These frontiers include those informed by imagery related to Euro-American pioneers, women, people of color, and the tribal peoples of the American West.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** History

**General Education and other Course Attributes:** Humanities

**HIST 4503 American Urban History (H)**

**Description:** Impact of urbanization upon American communities from 1865 to the present. Evolving political and social institutions, social change, technological innovations and planning theories.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** History

**General Education and other Course Attributes:** Humanities

**HIST 4513 Economic History of the US (S)**

**Description:** This course examines U.S. economic history from the pre-colonial period to the present. Students should learn factual information about important economic, as well as political and social and cultural developments, during this period. Along the way, we will pay attention to both important economic thinkers, as well as economic phenomena. Students should also learn how to identify and explain the causes and consequences of major economic developments, which will help them understand why and how the United States developed the way it did.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** History

**General Education and other Course Attributes:** Social & Behavioral Sciences

**HIST 4523 American Environmental History (H)**

**Description:** Examination of the changing ways society (from Native American to post-industrial) has defined, interpreted, valued, and used nature.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** History

**General Education and other Course Attributes:** Humanities

**HIST 4543 Vietnam War (HI)**

**Description:** Origins of the Vietnamese struggle against colonialism, international policy, making of military strategy and diplomacy, anti-war movement, impact of the war on soldiers and civilians, reflections of the war in popular memory and culture.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** History

**General Education and other Course Attributes:** Humanities, International Dimension

**HIST 4553 Gender in America (DH)**

**Description:** Cultural, societal and political reflections of American men and women from the colonial era to the present. Examination of the women's movements and their opponents. Exploration of changing notions of masculinity and femininity. Same course as AMST 4553.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** History

**General Education and other Course Attributes:** Diversity, Humanities

**HIST 4563 Cold War (HI)**

**Description:** International perspectives on the origins, conflicts and ideologies of the Cold War, the nuclear arms race, impact on daily life, cultural reflections, the collapse of communism, victors and losers in the post Cold War world.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** History

**General Education and other Course Attributes:** Humanities, International Dimension

**HIST 4593 America in International Perspective (H)**

**Prerequisites:** HIST 1103 or lower-division survey course in U.S. History, any period.

**Description:** A transnational interpretation of American history from the colonial era to the present day. Uses a variety of interdisciplinary sources to place the history of the United States within a comparative, global framework. Same course as AMST 4593.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** History

**General Education and other Course Attributes:** Humanities

**HIST 4723 Jerusalem: City and Symbol Across Millennia (H)**

**Description:** This course explores the history of Jerusalem as a city from the earliest records of its existence in the Ancient Near East to current events, as well as the meanings attached to Jerusalem as a symbol by Jews, Christians, and Muslims living around the world, from ancient scriptures to contemporary America.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** History

**General Education and other Course Attributes:** Humanities

**HIST 4753 Muslim-Christian Relations (H)**

**Description:** Exploration of commonalities and differences between Christianity and Islam, and the history of cooperation and conflict between Muslims and Christians, from Arabia in Muhammad's time to worldwide in the twenty-first century. Themes include mutual understanding and misunderstanding, conversion, rulers and subjects, discrimination, and dialogue. Same course as REL 4753.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** History

**General Education and other Course Attributes:** Humanities

**HIST 4883 History of Modern Southeast Asia (HI)**

**Description:** This course will focus on the history of Southeast Asia from the late 18th century to the present day. We will examine how the histories of these nations have been connected politically, culturally, and economically. The course will be framed around specific themes such as global trade, religious diffusion, imperialism, ideas of "tradition", nationalism, and globalization in modern Asia. The class will deal extensively with the present-day legacy of these historical processes in the region.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** History

**General Education and other Course Attributes:** Humanities, International Dimension

**HIST 4903 Senior Seminar**

**Prerequisites:** HIST 3903.

**Description:** An introduction to historical research for senior history majors. Students will be required to select, research, and write a seminar paper based on primary documents and use standard footnoting and bibliographical methods. Previously offered as HIST 3973.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** History

**HIST 4980 Topics in History**

**Description:** For students interested in pursuing either a research or a reading project. Open to students in history and to others by permission of instructor. Offered for variable credit, 1-3 credit hours, maximum of 9 credit hours.

**Credit hours:** 1-3

**Contact hours:** Contact: 1-3 Other: 1-3

**Levels:** Undergraduate

**Schedule types:** Independent Study

**Department/School:** History

**HIST 4990 Undergraduate Internship**

**Prerequisites:** Consent of instructor.

**Description:** History related internship experience designed to introduce majors to career possibilities. Offered for variable credit, 1-6 credit hours, maximum of 6 credit hours.

**Credit hours:** 1-6

**Contact hours:** Contact: 1-6 Other: 1-6

**Levels:** Undergraduate

**Schedule types:** Independent Study

**Department/School:** History

**HIST 4993 Senior Honors Thesis**

**Prerequisites:** Departmental invitation, senior standing, Honors Program participation.

**Description:** A guided reading and research program ending with an honors thesis under the direction of a faculty member, with second faculty reader and oral examination. Required for graduation with departmental honors in history.

**Credit hours:** 3

**Contact hours:** Contact: 3 Other: 3

**Levels:** Undergraduate

**Schedule types:** Independent Study

**Department/School:** History

**HIST 5000 Thesis**

**Description:** Offered for variable credit, 1-6 credit hours, maximum of 6 credit hours.

**Credit hours:** 1-6

**Contact hours:** Contact: 1-6 Other: 1-6

**Levels:** Graduate

**Schedule types:** Independent Study

**Department/School:** History

**HIST 5021 Teaching History at the College Level**

**Prerequisites:** Graduate standing or permission of instructor required.

**Description:** Survey of objectives and methods in the teaching of history at the college level.

**Credit hours:** 1

**Contact hours:** Lecture: 1 Contact: 1

**Levels:** Graduate

**Schedule types:** Lecture

**Department/School:** History

**HIST 5023 Historical Methods**

**Prerequisites:** Graduate student standing or permission of instructor required.

**Description:** Methods of historical research and the writing of history.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Graduate

**Schedule types:** Lecture

**Department/School:** History

**HIST 5030 Public History Internship**

**Prerequisites:** Graduate student standing or permission of instructor required.

**Description:** Supervised practical experience in public history. Offered for variable credit, 3-6 credit hours, maximum of 6 credit hours.

**Credit hours:** 3-6

**Contact hours:** Contact: 3-6 Other: 3-6

**Levels:** Graduate

**Schedule types:** Independent Study

**Department/School:** History

**HIST 5033 Introduction to Public History**

**Prerequisites:** Graduate student standing or permission of instructor required.

**Description:** Introduction to theory and practice of public history. Includes public history careers, public history as a field in the discipline, and the public perception and use of the past.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Graduate

**Schedule types:** Lecture

**Department/School:** History

**HIST 5053 Museum Studies**

**Prerequisites:** Graduate student standing or permission of instructor required.

**Description:** Introduction to museum theory and practice, especially as it pertains to history museums and sites. No credit for students with credit in HIST 4063.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Graduate

**Schedule types:** Lecture

**Department/School:** History

**HIST 5063 Historic Preservation**

**Prerequisites:** Graduate student standing or permission of instructor required.

**Description:** Focuses on the United States and examines the history and theory of the preservation movement, the legal basis for preservation of the built environment, and the methodology of preservation. No credit for students with credit in HIST 4063.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Graduate

**Schedule types:** Lecture

**Department/School:** History

**HIST 5073 Digital Methods in History**

**Prerequisites:** Graduate student standing or permission of instructor required.

**Description:** Introduction to the methods and practice of working with digital sources, creating digital content, basic foundations of software and metadata for digital archives, introduction to web design and database construction.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Graduate

**Schedule types:** Lecture

**Department/School:** History

**HIST 5093 Oral History: Theory and Methodology**

**Description:** This course is an interdisciplinary introduction to oral history methodology, theory, and professional practice. It examines how oral history projects are constructed and administered and archivally managed. The course will also explore the technologies involved in the collection of interviews, the reliability of memory and the utilization of oral histories in various forms of dissemination. Students will gain practical experience in oral history interviewing and related aspects of oral history, such as transcribing, editing, archiving, and publishing oral histories. May not be used for degree credit with HIST 4093.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Graduate

**Schedule types:** Lecture

**Department/School:** History

**HIST 5120 Reading Seminar in American History**

**Prerequisites:** Graduate student standing or permission of instructor required.

**Description:** Historiographical and bibliographical study of special areas of American history. Offered for fixed credit, 3 credit hours, maximum of 24 credit hours.

**Credit hours:** 3

**Contact hours:** Contact: 3 Other: 3

**Levels:** Graduate

**Schedule types:** Independent Study

**Department/School:** History

**HIST 5140 Reading Seminar in European and World History**

**Prerequisites:** Graduate student standing or permission of instructor required.

**Description:** Historiographical and bibliographical study of special areas of European and World history. Offered for fixed credit, 3 credit hours, maximum of 24 credit hours.

**Credit hours:** 3

**Contact hours:** Contact: 3 Other: 3

**Levels:** Graduate

**Schedule types:** Independent Study

**Department/School:** History

**HIST 5220 Research Seminar in American History**

**Prerequisites:** Graduate student standing or permission of instructor required.

**Description:** Research in selected problems in American history. Offered for fixed credit, 3 credit hours, maximum of 24 credit hours.

**Credit hours:** 3

**Contact hours:** Contact: 3 Other: 3

**Levels:** Graduate

**Schedule types:** Independent Study

**Department/School:** History

**HIST 5240 Research Seminar in European and World History**

**Prerequisites:** Graduate standing or permission of instructor required.

**Description:** Research in selected problems in European and World history. Offered for fixed credit, 3 credit hours, maximum of 24 credit hours.

**Credit hours:** 3

**Contact hours:** Contact: 3 Other: 3

**Levels:** Graduate

**Schedule types:** Independent Study

**Department/School:** History

**HIST 6000 Doctoral Dissertation**

**Prerequisites:** Admission to candidacy.

**Description:** Advanced research in history. Offered for variable credit, 1-19 credit hours, maximum of 30 credit hours.

**Credit hours:** 1-19

**Contact hours:** Contact: 1-19 Other: 1-19

**Levels:** Graduate

**Schedule types:** Independent Study

**Department/School:** History

**HIST 6023 Historiography**

**Prerequisites:** Graduate student standing or permission of instructor required.

**Description:** Major writers of history, historical schools and patterns of developments in historical interpretation from the earliest times to present.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Graduate

**Schedule types:** Lecture

**Department/School:** History

**HIST 6100 Directed Readings in History**

**Prerequisites:** Graduate student standing or permission of instructor required.

**Description:** Readings in selected topics in history to develop factual knowledge, analytical skills, and interpretive understanding. Offered for variable credit, 1-3 credit hours, maximum of 6 credit hours.

**Credit hours:** 1-3

**Contact hours:** Contact: 1-3 Other: 1-3

**Levels:** Graduate

**Schedule types:** Independent Study

**Department/School:** History

**HIST 6130 Graduate Studies in History**

**Prerequisites:** Graduate student standing.

**Description:** Graduate-level work undertaken in association with upper-division lecture courses. Added component ordinarily entails a graduate-level research paper or historiographical essay of substantial length.

Offered for variable credit, 1-3 credit hours, maximum of 6 credit hours.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Graduate

**Schedule types:** Lecture

**Department/School:** History

## Undergraduate Programs

- History, BA (p. 1285)
- History: Business Essentials, BA (p. 1289)
- History: Pre-Law, BA (p. 1293)

## Graduate Programs

The Department of History offers programs leading to the MA and PhD in history. In addition to the general Graduate College requirements, the candidate for the MA or PhD degree with a major in history is expected to have completed approximately thirty semester credit hours (including eighteen upper-division hours) of undergraduate history courses, with an undergraduate grade-point average of at least 3.00 on a 4.00 scale.

## The Master of Arts Degree

Admission to the MA program requires submission of scores for the verbal, quantitative, and analytical writing sections of the Graduate Record Examination. Candidates for the MA degree choose one of two alternative plans. Requirements common to both plans include completion of a course (HIST 5023 Historical Methods) in historical methods of research and writing, research and reading seminars, and a thesis. Students must maintain at least a 3.00 ("B") grade-point average. An advisory committee will be appointed for each student during the second semester of enrollment. The two plans are designed for different careers, and the distinctive requirements of each are summarized below:

### Plan I

(This plan is recommended for those planning to continue graduate studies at the doctoral level.) Students must complete a minimum of thirty hours of graduate courses in two fields. These hours must include at least twelve hours of seminar (including at least one research seminar), (HIST 5023 Historical Methods), and six hours of thesis (HIST 5000 Thesis). Students must take at least twelve hours in the major field and at least nine in a minor field. With the consent of their advisory committee, students may take course(s) at the graduate level in a related discipline.

Fields of study include:

- United States
- Europe
- World (Africa, Asia, Ancient World, Latin America, and/or Middle East)

Students must demonstrate satisfactory reading knowledge of one foreign language.

## Plan II

(Public History.) Students must complete a minimum of thirty-six hours of graduate courses. These hours must include the following:

Code	Title	Hours
At least nine hours of seminar (reading and/or research)		9
HIST 5023	Historical Methods	3
HIST 5033	Introduction to Public History	3
HIST 5030	Public History Internship	3-6
HIST 5000	Thesis	6

Normally, students will also take HIST 5053 Museum Studies and/or HIST 5063 Historic Preservation. With the approval of the student's advisory committee, as many as nine of these hours may be taken in related disciplines. The foreign language requirement required of Plan I students is optional, but a student's advisory committee may require foreign language proficiency for certain topics.

## The Doctor of Philosophy Degree

Admission to the PhD program requires submission of scores for the verbal, quantitative, and analytical writing sections of the Graduate Record Examination. Applicants must also meet Oklahoma State University requirements for the MA degree in history, with preference for applicants having at least a 3.50 grade-point-average (on a 4.00 scale).

The PhD program requires at least sixty hours beyond the MA degree. Students must select 3 fields of study—a general field (at least fifteen hours), a major field (at least twelve hours), and a minor field (at least nine hours) from the options shown below. The minor fields must not duplicate the general or major fields. To be admitted to candidacy, students must pass comprehensive examinations, demonstrate a reading knowledge of one foreign language, have an approved dissertation proposal, and submit a Plan of Study to the Graduate College before writing a dissertation.

All PhD students must take HIST 6023 Historiography and HIST 5021 Teaching History at the College Level, and at least eighteen hours of seminar, including at least three hours of research seminar. Students without a MA thesis must take HIST 5023 Historical Methods. With the consent of their advisory committee, students may apply graduate course work taken outside the History Department to their major field.

## General fields

- United States
- Europe to 1789
- Europe after 1789

## Major fields (including but not limited to)

- United States West
- Native North America
- Medicine, Environment, and Food

- Religion
- Gender
- War and society
- Race and ethnicity

## Minor fields

- North America
- Europe
- Ancient World
- Middle East
- Asia
- Latin America
- Public History

Upon the recommendation of the departmental Director of Graduate Studies, a PhD advisory committee of no fewer than four voting members will be appointed by the Dean of the Graduate College. This committee consists of members of the OSU Graduate Faculty (at least one from each of the examination fields and one from outside the History Department), including the student's major advisor, who acts as a chairperson and must have PhD chairing privileges.

## Minors

- Ancient and Medieval Studies (AAMS), Minor (p. 1283)
- History (HIST), Minor (p. 1284)

## Faculty

Brian Hosmer, PhD—Professor and Head

**Regents Professor:** Jason Lavery, PhD; James L. Huston, PhD (emeritus)

**Professors:** Joseph F. Byrnes, PhD (emeritus); PhD; David M. D'Andrea, PhD; Michael F. Logan, PhD (emeritus); L. George Moses, PhD (emeritus); Richard C. Rohrs, PhD (emeritus); Tonia Sharlach, PhD; Michael M. Smith, PhD (emeritus); Elizabeth A. Williams, PhD (emeritus)

**Associate Professors:** Laura J. Arata, PhD; William S. Bryans, PhD (emeritus); Thomas A. Carlson, PhD; Yongtao Du, PhD; Emily Graham, PhD; Holly Karibo, PhD; John M. Kinder, PhD; Doug Miller, PhD; Lesley A. Rimmel, PhD (emeritus)

**Assistant Professors:** Francisco Beltrán, PhD; Richard J. Boles, PhD; Merle Eisenberg, PhD; Mette Flynt, PhD; Sarah Foss, PhD; Sarah Griswold, PhD; Rebecca Kaplan, PhD; Kallie Kosc, PhD; Matthew Schauer, PhD; Brandy T. Wells, PhD

**Teaching Assistant Professor:** Jennifer Murray, PhD; Matthew J. Pereira, PhD



## Ancient and Medieval Studies (AAMS), Minor

**Requirements for Students Matriculating in or before Academic Year 2022-2023.** Learn more about University Academic Regulation 3.1 (p. 943).

Sarah Mutschelknaus, 101B SSH, 405-744-8197

**Minimum Grade Point Average in Minor Coursework:** 2.50 with no grade below "C"

**Total Hours:** 18

Code	Title	Hours
<b>Minor Requirements</b>		
12 hours must be upper-division		
At least 3 hours must be non-Western		
Select 18 credit hours from at least 3 disciplinary areas:		18
ART 1503	Art History Survey I (H)	
ART 3603	History of Classical Art (H)	
ART 3713	Early Medieval Art: Saints, Martyrs, Pagans (H)	
ART 3723	Court and Cloister: Medieval Art 1050-1400 (H)	
ART 4583	Rome: The Eternal City in Art and Film (H)	
ART 4693	Gender And Visual Culture	
ENGL 2543	Survey of British Literature I (H)	
ENGL 3123	Mythology (H)	
ENGL 3163	Literatures of the Ancient World (H)	
ENGL 4003	History of the English Language	
ENGL 4100	Studies in Medieval British Literature	
ENGL 4223	Introduction to Old English	
ENGL 4600	Studies in Chaucer or Milton	
ENGL 4700	Single Author or Work Pre-1800	
GREK 1713	Elementary Classical Greek I	
GREK 1813	Elementary Classical Greek II	
GREK 2713	Elementary Classical Greek III	
GREK 2813	Intermediate Readings	
GREK 3330	Advanced Readings	
GREK 4113	Greek Literature in Translation (H)	
HIST 1613	Western Civilization to 1500 (H)	
HIST 1713	Survey of Eastern Civilization (H)	
HIST 1813	World History from Ancient Times to 1500 (H)	
HIST 3013	Ancient Egypt and Israel (H)	
HIST 3023	Ancient Greece (H)	
HIST 3033	Ancient Rome: The Republic (H)	
HIST 3043	Ancient Mesopotamia: Iraq, Iran & Syria from 4000-333 B.C. (H)	
HIST 3203	The Medieval World, 500-1500 (H)	
HIST 3233	Late Medieval World, 1000-1450 (H)	
HIST 3373	Invasion and Identity: The Medieval English World: 700-1400 (H)	
HIST 3503	Medieval Islamic History (H)	
HIST 3573	The Mongol Empire (H)	

HIST 3980	Studies in History (must be "Religion and Mythology")
HIST 4403	Sorcerers, Saints and Heretics: Religion in the Medieval World (H)
HIST 4413	Sex and Gender in the Medieval World (H)
HONR 2413	The Ancient World (H)
HONR 2423	The Middle Ages and Renaissance (H)
LATN 1713	Elementary Latin I
LATN 1813	Elementary Latin II
LATN 2713	Elementary Latin III
LATN 2813	Intermediate Readings
LATN 3123	Classical Mythology (H)
LATN 3223	Love and Hate in Greece and Rome (H)
LATN 3330	Advanced Readings in Latin
LATN 4113	Latin Literature in Translation (H)
REL 2013	The Old Testament and its Study (H)
REL 2023	The New Testament and Its Study (H)
REL 3223	Jesus: Teachings, History and Interpretation (H)
REL 3243	Paul and the Early Church (H)
REL 3423	Classic Christian Writings (H)

Other courses that are at least 50% focused on the Ancient World and/or Middle Ages may be used with consent of advisor.

**Total Hours** 18

## Additional OSU Requirements Undergraduate Minors

- An undergraduate minor must include between fifteen and thirty hours, inclusive of undergraduate coursework.
- A minimum of six credit hours for the minor must be earned in residence at OSU.
- The courses required for a minor may be included in the course requirements for any undergraduate degree or they may be in addition to degree requirements, depending on the overlap between the minor and degree requirements. However, an undergraduate minor must be earned in an academic field other than the student's declared degree option. The minor may not duplicate the degree major or option (for example, a student who earns a BA in Art with an Art History option may earn a minor in Studio Art but not Art History).
- A student generally follows the minor requirements associated with his or her matriculation year or newer requirements that have been established since matriculation. The time limit for following requirements from a given academic year is six years.

For additional information on requirements on minors, click here (<https://adminfinance.okstate.edu/site-files/documents/policies/requirements-for-undergraduate-and-graduate-minors.pdf>).



## History (HIST), Minor

**Requirements for Students Matriculating in or before Academic Year 2022-2023.** Learn more about University Academic Regulation 3.1 (p. 943).

Sarah Mutschelknaus, 101B SSH, 405-744-8197

**Minimum Grade Point Average in Minor Coursework:** 2.50 with no grade below "C."

**Total Hours:** 18

Code	Title	Hours
<b>Minor Requirements</b>		
18 hours HIST, 12 of which must be upper-division		18

Choose from HIST (p. 521) courses.

## Additional OSU Requirements

### Undergraduate Minors

- An undergraduate minor must include between fifteen and thirty hours, inclusive of undergraduate coursework.
- A minimum of six credit hours for the minor must be earned in residence at OSU.
- The courses required for a minor may be included in the course requirements for any undergraduate degree or they may be in addition to degree requirements, depending on the overlap between the minor and degree requirements. However, an undergraduate minor must be earned in an academic field other than the student's declared degree option. The minor may not duplicate the degree major or option (for example, a student who earns a BA in Art with an Art History option may earn a minor in Studio Art but not Art History).
- A student generally follows the minor requirements associated with his or her matriculation year or newer requirements that have been established since matriculation. The time limit for following requirements from a given academic year is six years.

For additional information on requirements on minors, click here (<https://adminfinance.okstate.edu/site-files/documents/policies/requirements-for-undergraduate-and-graduate-minors.pdf>).

# History, BA

## Degree Requirements

**Requirements for Students Matriculating in or before Academic Year 2022-2023.** Learn more about University Academic Regulation 3.1 (p. 943).

**Minimum Overall Grade Point Average:** 2.00

**Total Hours:** 120

Code	Title	Hours
<b>General Education Requirements</b>		
<i>English Composition</i>		
See Academic Regulation 3.5 (p. 944)		
ENGL 1113	Composition I	3
or ENGL 1313	Critical Analysis and Writing I	
Select one of the following:		3
ENGL 1213	Composition II	
ENGL 1413	Critical Analysis and Writing II	
ENGL 3323	Technical Writing	
<i>American History &amp; Government</i>		
HIST 1103	Survey of American History	3
or HIST 1483	American History to 1865 (H)	
or HIST 1493	American History Since 1865 (DH)	
POLS 1113	American Government	3
<i>Analytical &amp; Quantitative Thought (A)</i>		
MATH or STAT course designated (A)		3
<i>Humanities (H)</i>		
Select one course from each group:		
Group 1:		
HIST 1613	Western Civilization to 1500 (H)	3
or HIST 1713	Survey of Eastern Civilization (H)	
or HIST 1813	World History from Ancient Times to 1500 (H)	
Group 2:		
HIST 1623	Western Civilization after 1500 (H)	3
or HIST 1823	World History 1500 to Present (H)	
<i>Natural Sciences (N)</i>		
Must include one Laboratory Science (L) course		
Course designated (N)		6
<i>Social &amp; Behavioral Sciences (S)</i>		
Course designated (S)		3
<i>Additional General Education</i>		
Courses designated (A), (H), (N), or (S)		10
<b>Hours Subtotal</b>		<b>40</b>
<b>Diversity (D) &amp; International Dimension (I)</b>		
May be completed in any part of the degree plan		
Select at least one Diversity (D) course		
Select at least one International Dimension (I) course		
<b>College/Departmental Requirements</b>		
<i>First Year Seminar</i>		
(Transfer students with 15 hours exempt)		1
<i>Arts &amp; Humanities</i>		
9 hours non-History		9

### Natural & Mathematical Sciences

See note 2.b. 3

### Foreign Language

See note 3 9

### Non-Western Studies

Select at least one course

See note 2.d.

### Upper-Division General Education

Select 6 hours outside major department

See note 2.c.

**Hours Subtotal 22**

### Major Requirements

Minimum GPA 2.50. Minimum grade of "C" in all U/D HIST courses

HIST 3903 Introduction to the Study of History 3

HIST 4903 Senior Seminar 3

or HIST 4993 Senior Honors Thesis

30 hours to include at least 2 courses (6 hours) from each of the 3 areas below. Only 3 hours may be 2000-level. 30

HIST 3980 Studies in History, and HIST 4980 Topics in History (9 hours maximum) or HIST 4993 Senior Honors Thesis may be substituted in one or more of the areas with consent of advisor.

### American History:

HIST 2023 History of the Present (H) <sup>1</sup>

HIST 2333 American Thought and Culture: Survey (H)

HIST 2343 Religion in America (DH)

HIST 3093 Historical Geography of North America to 1800 (H)

HIST 3133 African Diaspora History (DH)

HIST 3333 History of the Second World War (HI) <sup>1</sup>

HIST 3593 Introduction to Museum and Cultural Studies (H)

HIST 3613 American Colonial Period to 1750 (H)

HIST 3623 Era of the American Revolution (H)

HIST 3633 Early National Period, 1787-1828 (H)

HIST 3643 Antebellum America, 1828-1850 (H)

HIST 3653 Civil War and Reconstruction, 1850-1877

HIST 3663 U.S History 1877-1919 (H)

HIST 3673 United States History, 1919-45 (DH)

HIST 3683 United States History Since 1945 (DH)

HIST 3693 The Modern West (H)

HIST 3703 Oklahoma History (DH)

HIST 3713 Women in the American West (DH)

HIST 3753 Trans-Mississippi West (DH)

HIST 3763 American Southwest (DH)

HIST 3773 Old South (S)

HIST 3793 Native American History (DH)

HIST 3803 History of Food (H) <sup>1</sup>

HIST 3843 War and Memory in America (H)

HIST 3853 History of the North American Borderlands (DH)

HIST 3863 Disability in America (DH)

HIST 4033	Introduction to Public History (H)		
HIST 4063	Historic Preservation <sup>1</sup>		
HIST 4073	Digital Methods in History <sup>1</sup>		
HIST 4093	Oral History: Theory and Methodology		
HIST 4103	Historical Geography of the United States (H)		
HIST 4153	African American History, 1619-1865 (DH)		
HIST 4163	African American History, 1865-Present (DH)		
HIST 4173	Black Intellectual History (DH)		
HIST 4253	U.S. Foreign Relations to 1945 (H)		
HIST 4273	U.S. Foreign Relations Since 1945 (H)		
HIST 4333	History of Sexuality in the United States (D)		
HIST 4353	American Military History (H)		
HIST 4363	US History through Popular and Unpopular Music (DH)		
HIST 4453	History and Film (H) <sup>1</sup>		
HIST 4463	American Cultural History to 1865 (H)		
HIST 4483	American Cultural History Since 1865 (H)		
HIST 4493	Frontier in American Memory (H)		
HIST 4503	American Urban History (H)		
HIST 4513	Economic History of the US (S)		
HIST 4523	American Environmental History (H)		
HIST 4543	Vietnam War (HI) <sup>1</sup>		
HIST 4553	Gender in America (DH)		
HIST 4563	Cold War (HI) <sup>1</sup>		
HIST 4593	America in International Perspective (H) <sup>1</sup>		
<i>European History:</i>			
HIST 3023	Ancient Greece (H)		
HIST 3033	Ancient Rome: The Republic (H)		
HIST 3113	Germany Since 1815 (HI)		
HIST 3153	Russia to 1861 (H)		
HIST 3163	Russia Since 1861 (HI)		
HIST 3233	Late Medieval World, 1000-1450 (H)		
HIST 3243	Renaissance, 1350-1517 (H)		
HIST 3253	Absolutism and Enlightenment, 1648-1789		
HIST 3263	Modern Europe, 1815-1914 (H)		
HIST 3273	Modern Europe Since 1914 (HI)		
HIST 3323	Modern France, 1789-Present (HI)		
HIST 3343	World War I in Modern European Culture (HI)		
HIST 3353	Mediterranean World		
HIST 3363	Popular Religion in the West, 1300-1700 (H)		
HIST 3373	Invasion and Identity: The Medieval English World: 700-1400 (H)		
HIST 3383	Tudor-Stuart England (H)		
HIST 3393	Modern England: 1714-Present (H)		
HIST 3473	British Empire and Commonwealth of Nations (H)		
HIST 3483	Reformation Europe, 1517-1648 (H)		
HIST 3493	Scandinavia Since 1500 (HI)		
HIST 3913	History of Medicine (H) <sup>1</sup>		
HIST 3953	Religion in Modern Europe		
HIST 3963	Ideas and Ideologies in Modern Europe (H)		
HIST 4403	Sorcerers, Saints and Heretics: Religion in the Medieval World (H)		
HIST 4413	Sex and Gender in the Medieval World (H)		
HIST 4433	From Assassin's Creed to Witcher: Medievalism in the 21st Century World (H)		
<i>World History:</i>			
HIST 2513	Plantation to Plate: Sugar, Bananas, and Coffee in America (H)		
HIST 3013	Ancient Egypt and Israel (H)		
HIST 3043	Ancient Mesopotamia: Iraq, Iran & Syria from 4000-333 B.C. (H)		
HIST 3053	Introduction to Central Asia Studies (IS)		
HIST 3123	The History of Modern Africa (HI)		
HIST 3203	The Medieval World, 500-1500 (H)		
HIST 3303	Nations on the Move: Latin American Migration and Latinx Communities in the US (DH)		
HIST 3403	East Asia to 1800 (H)		
HIST 3413	East Asia Since 1800 (HI)		
HIST 3423	Modern Japan (HI)		
HIST 3433	Modern China (HI)		
HIST 3443	Gender Relations in Chinese History (H)		
HIST 3453	Colonial Latin America (H)		
HIST 3463	Modern Latin America (HI)		
HIST 3503	Medieval Islamic History (H)		
HIST 3513	Modern Middle East (HI)		
HIST 3523	History of Modern India and South Asia (HI)		
HIST 3543	Israel & Palestine in Modern Times (HI)		
HIST 3573	The Mongol Empire (H)		
HIST 3583	Minorities and Diversity in the Middle East (H)		
HIST 4883	History of Modern Southeast Asia (HI)		
Select 12 hours upper-division courses from the following related prefixes, or others with consent of advisor:			12
AFAM, AMST, AMIS, ANTH, ART, ECON, ENGL, FLL (and any foreign language), GEOG, GWST, PHIL, POLS, PSYC, REL, SOC.			
For students interested in teaching, EDTC 3123, EPSY 3213, and SCFD 3223 may be used.			
<b>Hours Subtotal</b>			<b>48</b>
<b>Electives</b>			
Select 10 hours			10
May need to include 6 hours upper-division general education outside major department (see note 2.c.)			
<b>Hours Subtotal</b>			<b>10</b>
<b>Total Hours</b>			<b>120</b>

1

These courses have geographic flexibility and may be used in any of the three areas (American History, European History, or World History) with consent of advisor.

## Other Requirements

- See the College of Arts and Sciences Requirements.
- **Upper-Division Credit:** Total hours must include at least 40 hours in courses numbered 3000 or above.
- **Hours in One Department:** For B.A. and B.S. degrees, no more than 54 hours in one department may be applied to degree requirements.

## College of Arts and Sciences Requirements

### 1. General Education Requirements

No more than two courses (or eight hours) from the major department (<http://catalog.okstate.edu/college-arts-sciences-major-departments/>) may be used to meet General Education and College and Departmental Requirements. The General Education required English Composition, required U.S. History, required American Government, one required MATH or STAT course, and required foreign language for B.A. degrees do not count against the two-course maximum.

### 2. A&S College/Departmental Requirements

- Arts and Humanities are defined as any course carrying an (H) designation or courses from AMST, ART, DANC, ENGL (except ENGL 3323 Technical Writing) HIST, MUSI, PHIL (except PHIL 1313 Logic and Critical Thinking (A), PHIL 3003 Symbolic Logic (A) and PHIL 4003 Mathematical Logic and Computability), REL, TH, and foreign languages.
- Natural and Mathematical Sciences are defined as any course from the following prefixes: ASTR, BIOC, BIOL, CHEM, CS (except CS 4883 Social Issues in Computing), GEOL, MATH, MICR, PBIO, PHYS, and STAT; or courses from other departments that carry an (A) or (N) general education designation.
- The required six hours of upper-division General Education may not include courses from the student's major department. This requirement may be satisfied by courses also used to satisfy any part of a student's degree program (i.e., in General Education, College Departmental Requirements, Major Requirements or Electives).
- Non-Western Studies Requirement for B.A. and B.F.A.; One 3-hour course in Non-Western Studies (N.W.). This requirement may be satisfied by courses also used to satisfy any part of a student's degree program (i.e., in General Education, College Departmental Requirements, Major Requirements or Electives).
- The College of Arts & Sciences requires a minimum 2.0 GPA in all major requirements and a minimum 2.0 GPA in all major-prefix courses applied to the degree.

### 3. Foreign Language Proficiency

- The foreign language requirement for the B.A. may be satisfied by 9 hours college credit in the same language, which must include 3 hours at the 2000-level, or equivalent proficiency (e.g., passing an advanced standing examination; TOEFL exam; presenting a high school transcript which demonstrates the high school was primarily conducted in a language other than English; etc.). Computer Science courses may not be used to satisfy this requirement. Currently Arabic and Mvskoke are not offered at the 2000-level at OSU.
- The foreign language requirement for the B.S., B.M. and B.F.A. may be satisfied by presenting a high school transcript which demonstrates two years of study of a single foreign language (passing grades at second-year level of study). It may also

be satisfied by 6 hours college credit in the same language, which must include language courses 1713 and 1813, or equivalent proficiency (e.g., passing an advanced standing examination; TOEFL exam; presenting a high school transcript which demonstrates the high school was primarily conducted in a language other than English; etc.). Computer Science courses may not be used to satisfy this requirement.

- In addition to a. and b., students pursuing teacher certification must meet novice-high foreign language proficiency by presenting a high school transcript which demonstrates two years of study of a single foreign language with no grade below B. Or, students may complete 3 hours college credit in a single language with no grade below C (or pass an advanced standing examination, College Level Examination Program (CLEP) exam, or Oral Proficiency Interview developed by the American Council on the Teaching of Foreign Languages, equivalent to 3 hours of college credit.) Or, students may meet the requirement by transfer of documentation of meeting the foreign language competency from one of the teacher education programs in the State of Oklahoma approved by the Oklahoma State Regents for Higher Education.

### 4. Exclusions

- Courses used to satisfy the General Education English Composition, U.S. History, American Government, and Mathematics or Statistics requirements will not count toward the 54-hour maximum allowed from one department.
- Courses with ATHL or LEIS prefixes and leisure activity courses may not be used for degree credit.

## Additional State/OSU Requirements

- At least: 60 hours at a four-year institution; 30 hours completed at OSU; 15 of the final 30 or 50% of the upper-division hours in the major field completed at OSU.
- Limit of: one-half of major course requirements as transfer work; one-fourth of hours earned by correspondence; 8 transfer correspondence hours.
- Students will be held responsible for degree requirements in effect at the time of matriculation and any changes that are made, so long as these changes do not result in semester credit hours being added or do not delay graduation.
- Degrees that follow this plan must be completed by the end of Summer 2028.

## Example Plan of Study Finish in Four Plan of Study

The plan below is an example of how students can successfully complete degree requirements in four years. This suggested class schedule plan may be used as a guide and can be adjusted based on individual needs. Students are required to meet with an academic advisor prior to enrollment each semester to plan their class schedule, and students are ultimately responsible for completing all degree requirements.

Course	Title	Hours
<b>Freshman</b>		
<b>Fall</b>		
ENGL 1113	Composition I	3
HIST 1493 or HIST 1483 or HIST 1103	American History Since 1865 (DH) or American History to 1865 (H) or Survey of American History	3

1288 History, BA

General Education courses		8
<b>Hours</b>		<b>14</b>
<b>Spring</b>		
ENGL 1213	Composition II	3
POLS 1113	American Government	3
HIST 1613	Western Civilization to 1500 (H)	3
or HIST 1623	or Western Civilization after 1500 (H)	
or HIST 1713	or Survey of Eastern Civilization (H)	
or HIST 1813	or World History from Ancient Times to 1500 (H)	
or HIST 1823	or World History 1500 to Present (H)	
General Education courses		7
<b>Hours</b>		<b>16</b>
<b>Sophomore</b>		
<b>Fall</b>		
HIST 1623	Western Civilization after 1500 (H)	3
or HIST 1613	or Western Civilization to 1500 (H)	
or HIST 1713	or Survey of Eastern Civilization (H)	
or HIST 1813	or World History from Ancient Times to 1500 (H)	
or HIST 1823	or World History 1500 to Present (H)	
1713 First Semester Foreign Language		3
General Education courses		9
<b>Hours</b>		<b>15</b>
<b>Spring</b>		
HIST 3903	Introduction to the Study of History	3
2000-level HIST course		3
1813 Second Semester Foreign Language		3
College and Elective courses		6
<b>Hours</b>		<b>15</b>
<b>Junior</b>		
<b>Fall</b>		
2000-level Foreign Language		3
Major, College, and Elective courses		12
<b>Hours</b>		<b>15</b>
<b>Spring</b>		
Major, College, and Elective courses		15
<b>Hours</b>		<b>15</b>
<b>Senior</b>		
<b>Fall</b>		
Major, College, and Elective courses		15
<b>Hours</b>		<b>15</b>
<b>Spring</b>		
HIST 4903	Senior Seminar	3
or HIST 4993	or Senior Honors Thesis	
Major, College, and Elective courses		12
<b>Hours</b>		<b>15</b>
<b>Total Hours</b>		<b>120</b>

# History: Business Essentials, BA

## Degree Requirements

**Requirements for Students Matriculating in or before Academic Year 2022-2023.** Learn more about University Academic Regulation 3.1 (p. 943).

**Minimum Overall Grade Point Average:** 2.00

**Total Hours:** 120

Code	Title	Hours
<b>General Education Requirements</b>		
<i>English Composition</i>		
See Academic Regulation 3.5 (p. 944)		
ENGL 1113 or ENGL 1313	Composition I Critical Analysis and Writing I	3
ENGL 1213 or ENGL 1413 or ENGL 3323	Composition II Critical Analysis and Writing II Technical Writing	3
<i>American History &amp; Government</i>		
HIST 1103 or HIST 1483 or HIST 1493	Survey of American History <sup>1</sup> American History to 1865 (H) American History Since 1865 (DH)	3
POLS 1113	American Government	3
<i>Analytical &amp; Quantitative Thought (A)</i>		
MATH 1483	Mathematical Functions and Their Uses (A) (or higher excluding MATH 1493)	3
<i>Humanities (H)</i>		
Select one course from each group:		
Group 1:		
HIST 1613 or HIST 1713 or HIST 1813	Western Civilization to 1500 (H) Survey of Eastern Civilization (H) World History from Ancient Times to 1500 (H)	3
Group 2:		
HIST 1623 or HIST 1823	Western Civilization after 1500 (H) World History 1500 to Present (H)	3
<i>Natural Sciences (N)</i>		
Must include one Laboratory Science (L) course.		
Courses designated (N) with one (L)		6
<i>Social &amp; Behavioral Sciences (S)</i>		
Courses designated (S)		3
<i>Additional General Education</i>		
Courses designated (A), (H), (N), or (S)		10
<b>Hours Subtotal</b>		<b>40</b>
<b>Diversity (D) &amp; International Dimension (I)</b>		
May be completed in any part of the degree plan.		
At least one Diversity (D) course		
At least one International Dimension (I) course		
<b>College/Departmental Requirements</b>		
<i>First Year Seminar</i>		
(Transfer students with 15 hours exempt)		1
<i>Arts &amp; Humanities</i>		
9 hours non-History		9

<i>Natural &amp; Mathematical Sciences</i>		
(See note 2.b.)		3
<i>Foreign Languages</i>		
(See note 3.)		9
<i>Non-Western Studies</i>		
(See note 2.d.)		
<i>Upper-Division General Education</i>		
6 hours outside major department		
(See note 2.c.)		
<b>Hours Subtotal</b>		<b>22</b>
<b>Major Requirements</b>		
Minimum GPA 2.50; Minimum grade of "C" in all U/D HIST courses.		
HIST 3903	Introduction to the Study of History	3
HIST 4903 or HIST 4993	Senior Seminar Senior Honors Thesis	3
30 hours to include at least 2 courses (6 hours) from each of the 3 areas below. Only 3 hours may be 2000-level.		30
<i>American History:</i>		
HIST 2023	History of the Present (H)	
HIST 2333	American Thought and Culture: Survey (H)	
HIST 2343	Religion in America (DH)	
HIST 3093	Historical Geography of North America to 1800 (H)	
HIST 3133	African Diaspora History (DH)	
HIST 3333	History of the Second World War (HI)	
HIST 3593	Introduction to Museum and Cultural Studies (H)	
HIST 3613	American Colonial Period to 1750 (H)	
HIST 3623	Era of the American Revolution (H)	
HIST 3633	Early National Period, 1787-1828 (H)	
HIST 3643	Antebellum America, 1828-1850 (H)	
HIST 3653	Civil War and Reconstruction, 1850-1877	
HIST 3663	U.S History 1877-1919 (H)	
HIST 3673	United States History, 1919-45 (DH)	
HIST 3683	United States History Since 1945 (DH)	
HIST 3693	The Modern West (H)	
HIST 3703	Oklahoma History (DH)	
HIST 3713	Women in the American West (DH)	
HIST 3753	Trans-Mississippi West (DH)	
HIST 3763	American Southwest (DH)	
HIST 3773	Old South (S)	
HIST 3793	Native American History (DH)	
HIST 3803	History of Food (H)	
HIST 3843	War and Memory in America (H)	
HIST 3853	History of the North American Borderlands (DH)	
HIST 3863	Disability in America (DH)	
HIST 4033	Introduction to Public History (H)	
HIST 4063	Historic Preservation	
HIST 4073	Digital Methods in History	
HIST 4093	Oral History: Theory and Methodology	



HIST 4103	Historical Geography of the United States (H)
HIST 4153	African American History, 1619-1865 (DH)
HIST 4163	African American History, 1865-Present (DH)
HIST 4173	Black Intellectual History (DH)
HIST 4253	U.S. Foreign Relations to 1945 (H)
HIST 4273	U.S. Foreign Relations Since 1945 (H)
HIST 4333	History of Sexuality in the United States (D)
HIST 4353	American Military History (H)
HIST 4363	US History through Popular and Unpopular Music (DH)
HIST 4453	History and Film (H)
HIST 4463	American Cultural History to 1865 (H)
HIST 4483	American Cultural History Since 1865 (H)
HIST 4493	Frontier in American Memory (H)
HIST 4503	American Urban History (H)
HIST 4513	Economic History of the US (S)
HIST 4523	American Environmental History (H)
HIST 4543	Vietnam War (HI)
HIST 4553	Gender in America (DH)
HIST 4563	Cold War (HI)
HIST 4593	America in International Perspective (H)
<i>European History:</i>	
HIST 3023	Ancient Greece (H)
HIST 3033	Ancient Rome: The Republic (H)
HIST 3113	Germany Since 1815 (HI)
HIST 3153	Russia to 1861 (H)
HIST 3163	Russia Since 1861 (HI)
HIST 3233	Late Medieval World, 1000-1450 (H)
HIST 3243	Renaissance, 1350-1517 (H)
HIST 3253	Absolutism and Enlightenment, 1648-1789
HIST 3263	Modern Europe, 1815-1914 (H)
HIST 3273	Modern Europe Since 1914 (HI)
HIST 3323	Modern France, 1789-Present (HI)
HIST 3343	World War I in Modern European Culture (HI)
HIST 3353	Mediterranean World
HIST 3363	Popular Religion in the West, 1300-1700 (H)
HIST 3373	Invasion and Identity: The Medieval English World: 700-1400 (H)
HIST 3383	Tudor-Stuart England (H)
HIST 3393	Modern England: 1714-Present (H)
HIST 3473	British Empire and Commonwealth of Nations (H)
HIST 3483	Reformation Europe, 1517-1648 (H)
HIST 3493	Scandinavia Since 1500 (HI)
HIST 3913	History of Medicine (H)
HIST 3953	Religion in Modern Europe
HIST 3963	Ideas and Ideologies in Modern Europe (H)
HIST 4403	Sorcerers, Saints and Heretics: Religion in the Medieval World (H)
HIST 4413	Sex and Gender in the Medieval World (H)

HIST 4433	From Assassin's Creed to Witcher: Medievalism in the 21st Century World (H)	
<i>World History:</i>		
HIST 2513	Plantation to Plate: Sugar, Bananas, and Coffee in America (H)	
HIST 3013	Ancient Egypt and Israel (H)	
HIST 3043	Ancient Mesopotamia: Iraq, Iran & Syria from 4000-333 B.C. (H)	
HIST 3053	Introduction to Central Asia Studies (IS)	
HIST 3123	The History of Modern Africa (HI)	
HIST 3203	The Medieval World, 500-1500 (H)	
HIST 3303	Nations on the Move: Latin American Migration and Latinx Communities in the US (DH)	
HIST 3403	East Asia to 1800 (H)	
HIST 3413	East Asia Since 1800 (HI)	
HIST 3423	Modern Japan (HI)	
HIST 3433	Modern China (HI)	
HIST 3443	Gender Relations in Chinese History (H)	
HIST 3453	Colonial Latin America (H)	
HIST 3463	Modern Latin America (HI)	
HIST 3503	Medieval Islamic History (H)	
HIST 3513	Modern Middle East (HI)	
HIST 3523	History of Modern India and South Asia (HI)	
HIST 3543	Israel & Palestine in Modern Times (HI)	
HIST 3573	The Mongol Empire (H)	
HIST 3583	Minorities and Diversity in the Middle East (H)	
HIST 4883	History of Modern Southeast Asia (HI)	
HIST 3980 and HIST 4980 (9 hours maximum) or HIST 4993 may be substituted in one or more of the above areas with consent of advisor.		
12 hours business essentials:		
ACCT 2003	Survey of Accounting	3
MGMT 3013	Fundamentals of Management (S)	3
MKTG 3213	Marketing (S)	3
3 hours from the following:		3
ECON 2003	Microeconomic Principles for Business	
EEE 2023	Introduction to Entrepreneurship	
LSB 3213	Legal and Regulatory Environment of Business	
MSIS 2103	Business Data Science Technologies	
<b>Hours Subtotal</b>		<b>48</b>
<b>Electives</b>		<b>10</b>
May need to include 6 hours from upper-division general education outside major department (see note 2.c.).		
<b>Hours Subtotal</b>		<b>10</b>
<b>Total Hours</b>		<b>120</b>
1		
Students with prior credit in HIST 1103 may not earn credit in HIST 1483 or HIST 1493.		

## Other Requirements

- See the College of Arts and Sciences Requirements
- **Upper-Division Credit:** Total hours must include at least 40 hours in courses numbered 3000 or above.
- **Hours in One Department:** For B.A. and B.S. degrees, no more than 54 hours in one department may be applied to degree requirements.

## College of Arts and Sciences Requirements

### 1. General Education Requirements

No more than two courses (or eight hours) from the major department (<http://catalog.okstate.edu/college-arts-sciences-major-departments/>) may be used to meet General Education and College and Departmental Requirements. The General Education required English Composition, required U.S. History, required American Government, one required MATH or STAT course, and required foreign language for B.A. degrees do not count against the two-course maximum.

### 2. A&S College/Departmental Requirements

- Arts and Humanities are defined as any course carrying an (H) designation or courses from AMST, ART, DANC, ENGL (except ENGL 3323 Technical Writing) HIST, MUSI, PHIL (except PHIL 1313 Logic and Critical Thinking (A), PHIL 3003 Symbolic Logic (A) and PHIL 4003 Mathematical Logic and Computability), REL, TH, and foreign languages.
- Natural and Mathematical Sciences are defined as any course from the following prefixes: ASTR, BIOC, BIOL, CHEM, CS (except CS 4883 Social Issues in Computing), GEOL, MATH, MICR, PBIO, PHYS, and STAT; or courses from other departments that carry an (A) or (N) general education designation.
- The required six hours of upper-division General Education may not include courses from the student's major department. This requirement may be satisfied by courses also used to satisfy any part of a student's degree program (i.e., in General Education, College Departmental Requirements, Major Requirements or Electives).
- Non-Western Studies Requirement for B.A. and B.F.A.; One 3-hour course in Non-Western Studies (N.W.). This requirement may be satisfied by courses also used to satisfy any part of a student's degree program (i.e., in General Education, College Departmental Requirements, Major Requirements or Electives).
- The College of Arts & Sciences requires a minimum 2.0 GPA in all major requirements and a minimum 2.0 GPA in all major-prefix courses applied to the degree.

### 3. Foreign Language Proficiency

- The foreign language requirement for the B.A. may be satisfied by 9 hours college credit in the same language, which must include 3 hours at the 2000-level, or equivalent proficiency (e.g., passing an advanced standing examination; TOEFL exam; presenting a high school transcript which demonstrates the high school was primarily conducted in a language other than English; etc.). Computer Science courses may not be used to satisfy this requirement. Currently Arabic and Mvskoke are not offered at the 2000-level at OSU.
- The foreign language requirement for the B.S., B.M. and B.F.A. may be satisfied by presenting a high school transcript which demonstrates two years of study of a single foreign language (passing grades at second-year level of study). It may also

be satisfied by 6 hours college credit in the same language, which must include language courses 1713 and 1813, or equivalent proficiency (e.g., passing an advanced standing examination; TOEFL exam; presenting a high school transcript which demonstrates the high school was primarily conducted in a language other than English; etc.). Computer Science courses may not be used to satisfy this requirement.

- In addition to a. and b., students pursuing teacher certification must meet novice-high foreign language proficiency by presenting a high school transcript which demonstrates two years of study of a single foreign language with no grade below B. Or, students may complete 3 hours college credit in a single language with no grade below C (or pass an advanced standing examination, College Level Examination Program (CLEP) exam, or Oral Proficiency Interview developed by the American Council on the Teaching of Foreign Languages, equivalent to 3 hours of college credit.) Or, students may meet the requirement by transfer of documentation of meeting the foreign language competency from one of the teacher education programs in the State of Oklahoma approved by the Oklahoma State Regents for Higher Education.

### 4. Exclusions

- Courses used to satisfy the General Education English Composition, U.S. History, American Government, and Mathematics or Statistics requirements will not count toward the 54-hour maximum allowed from one department.
- Courses with ATHL or LEIS prefixes and leisure activity courses may not be used for degree credit.

## Additional State/OSU Requirements

- At least: 60 hours at a four-year institution; 30 hours completed at OSU; 15 of the final 30 or 50% of the upper-division hours in the major field completed at OSU.
- Limit of: one-half of major course requirements as transfer work; one-fourth of hours earned by correspondence; 8 transfer correspondence hours.
- Students will be held responsible for degree requirements in effect at the time of matriculation and any changes that are made, so long as these changes do not result in semester credit hours being added or do not delay graduation.
- Degrees that follow this plan must be completed by the end of Summer 2028.

## Example Plan of Study

### Finish in Four Plan of Study

The plan below is an **example** of how students can successfully complete degree requirements in four years. This suggested class schedule plan may be used as a guide and can be adjusted based on individual needs. Students are required to meet with an academic advisor prior to enrollment each semester to plan their class schedule, and students are ultimately responsible for completing all degree requirements.

Course	Title	Hours
<b>Freshman</b>		
<b>Fall</b>		
ENGL 1113	Composition I	3
HIST 1493 or HIST 1483 or HIST 1103	American History Since 1865 (DH) or American History to 1865 (H) or Survey of American History	3

1292 History: Business Essentials, BA

General Education courses		8
<b>Hours</b>		<b>14</b>
<b>Spring</b>		
ENGL 1213	Composition II	3
POLS 1113	American Government	3
HIST 1613	Western Civilization to 1500 (H)	3
or HIST 1623	or Western Civilization after 1500 (H)	
or HIST 1713	or Survey of Eastern Civilization (H)	
or HIST 1813	or World History from Ancient Times to 1500 (H)	
or HIST 1823	or World History 1500 to Present (H)	
General Education courses		7
<b>Hours</b>		<b>16</b>
<b>Sophomore</b>		
<b>Fall</b>		
HIST 1623	Western Civilization after 1500 (H)	3
or HIST 1613	or Western Civilization to 1500 (H)	
or HIST 1713	or Survey of Eastern Civilization (H)	
or HIST 1813	or World History from Ancient Times to 1500 (H)	
or HIST 1823	or World History 1500 to Present (H)	
1713 First Semester Foreign Language		3
General Education courses		9
<b>Hours</b>		<b>15</b>
<b>Spring</b>		
HIST 3903	Introduction to the Study of History	3
2000-level HIST course		3
1813 Second Semester Foreign Language		3
College and Elective courses		6
<b>Hours</b>		<b>15</b>
<b>Junior</b>		
<b>Fall</b>		
2000-level Foreign Language		3
Major, College, and Elective courses		12
<b>Hours</b>		<b>15</b>
<b>Spring</b>		
Major, College, and Elective courses		15
<b>Hours</b>		<b>15</b>
<b>Senior</b>		
<b>Fall</b>		
Major, College, and Elective courses		15
<b>Hours</b>		<b>15</b>
<b>Spring</b>		
HIST 4903	Senior Seminar	3
or HIST 4993	or Senior Honors Thesis	
Major, College, and Elective courses		12
<b>Hours</b>		<b>15</b>
<b>Total Hours</b>		<b>120</b>

## History: Pre-Law, BA

### Degree Requirements

**Requirements for Students Matriculating in or before Academic Year 2022-2023.** Learn more about University Academic Regulation 3.1 (p. 943).

**Minimum Overall Grade Point Average:** 2.00

**Total Hours:** 120

Code	Title	Hours
<b>General Education Requirements</b>		
<i>English Composition</i>		
See Academic Regulation 3.5 (p. 944)		
ENGL 1113 or ENGL 1313	Composition I Critical Analysis and Writing I	3
Select one of the following:		
ENGL 1213	Composition II	3
ENGL 1413	Critical Analysis and Writing II	3
ENGL 3323	Technical Writing	3
<i>American History &amp; Government</i>		
HIST 1103 or HIST 1483 or HIST 1493	Survey of American History American History to 1865 (H) American History Since 1865 (DH)	3
POLS 1113	American Government	3
<i>Analytical &amp; Quantitative Thought (A)</i>		
MATH or STAT course designated (A)		3
<i>Humanities (H)</i>		
Select one course from each group:		
Group 1:		
HIST 1613 or HIST 1713 or HIST 1813	Western Civilization to 1500 (H) Survey of Eastern Civilization (H) World History from Ancient Times to 1500 (H)	3
Group 2:		
HIST 1623 or HIST 1823	Western Civilization after 1500 (H) World History 1500 to Present (H)	3
<i>Natural Sciences (N)</i>		
Must include one Laboratory Science (L) course		
Course designated (N)		6
<i>Social &amp; Behavioral Sciences (S)</i>		
SPCH 2713	Introduction to Speech Communication (S)	3
<i>Additional General Education</i>		
Courses designated (A), (H), (N), or (S)		10
<b>Hours Subtotal</b>		<b>40</b>
<b>Diversity (D) &amp; International Dimension (I)</b>		
May be completed in any part of the degree plan		
Select at least one Diversity (D) course		
Select at least one International Dimension (I) course		
<b>College/Departmental Requirements</b>		
<i>First Year Seminar</i>		
(Transfer students with 15 hours exempt)		1
<i>Arts &amp; Humanities</i>		
9 hours non-History		9

#### Natural & Mathematical Sciences

See note 2.b.		
PHIL 1313	Logic and Critical Thinking (A)	3
<i>Foreign Language</i>		
See note 3		9
<i>Non-Western Studies</i>		
Select at least one course		
See note 2.d.		
<i>Upper-Division General Education</i>		
Select 6 hours outside major department		
See note 2.c.		
<b>Hours Subtotal</b>		<b>22</b>

#### Major Requirements

Minimum GPA 2.50. Minimum grade of "C" in all U/D HIST courses		
HIST 3903	Introduction to the Study of History	3
HIST 4903 or HIST 4993	Senior Seminar Senior Honors Thesis	3
30 hours to include at least 2 courses (6 hours) from each of the 3 areas below. Only 3 hours may be 2000-level.		30
HIST 3980 Studies in History, and HIST 4980 Topics in History (9 hours maximum) or HIST 4993 Senior Honors Thesis may be substituted in one or more of the areas with consent of advisor.		

#### American History

HIST 2023	History of the Present (H) <sup>1</sup>	
HIST 2333	American Thought and Culture: Survey (H)	
HIST 2343	Religion in America (DH)	
HIST 3093	Historical Geography of North America to 1800 (H)	
HIST 3703	Oklahoma History (DH)	
HIST 3133	African Diaspora History (DH)	
HIST 3333	History of the Second World War (HI) <sup>1</sup>	
HIST 3593	Introduction to Museum and Cultural Studies (H)	
HIST 3613	American Colonial Period to 1750 (H)	
HIST 3623	Era of the American Revolution (H)	
HIST 3633	Early National Period, 1787-1828 (H)	
HIST 3643	Antebellum America, 1828-1850 (H)	
HIST 3653	Civil War and Reconstruction, 1850-1877	
HIST 3663	U.S History 1877-1919 (H)	
HIST 3673	United States History, 1919-45 (DH)	
HIST 3683	United States History Since 1945 (DH)	
HIST 3693	The Modern West (H)	
HIST 3713	Women in the American West (DH)	
HIST 3753	Trans-Mississippi West (DH)	
HIST 3763	American Southwest (DH)	
HIST 3773	Old South (S)	
HIST 3793	Native American History (DH)	
HIST 3803	History of Food (H) <sup>1</sup>	
HIST 3843	War and Memory in America (H)	
HIST 3853	History of the North American Borderlands (DH)	
HIST 3863	Disability in America (DH)	

HIST 4033	Introduction to Public History (H)	HIST 3963	Ideas and Ideologies in Modern Europe (H)
HIST 4063	Historic Preservation <sup>1</sup>	HIST 4403	Sorcerers, Saints and Heretics: Religion in the Medieval World (H)
HIST 4073	Digital Methods in History <sup>1</sup>	HIST 4413	Sex and Gender in the Medieval World (H)
HIST 4093	Oral History: Theory and Methodology	HIST 4433	From Assassin's Creed to Witcher: Medievalism in the 21st Century World (H)
HIST 4103	Historical Geography of the United States (H)	<i>World History</i>	
HIST 4153	African American History, 1619-1865 (DH)	HIST 2513	Plantation to Plate: Sugar, Bananas, and Coffee in America (H)
HIST 4163	African American History, 1865-Present (DH)	HIST 3013	Ancient Egypt and Israel (H)
HIST 4173	Black Intellectual History (DH)	HIST 3043	Ancient Mesopotamia: Iraq, Iran & Syria from 4000-333 B.C. (H)
HIST 4253	U.S. Foreign Relations to 1945 (H)	HIST 3053	Introduction to Central Asia Studies (IS)
HIST 4273	U.S. Foreign Relations Since 1945 (H)	HIST 3123	The History of Modern Africa (HI)
HIST 4333	History of Sexuality in the United States (D)	HIST 3203	The Medieval World, 500-1500 (H)
HIST 4353	American Military History (H)	HIST 3303	Nations on the Move: Latin American Migration and Latinx Communities in the US (DH)
HIST 4363	US History through Popular and Unpopular Music (DH)	HIST 3403	East Asia to 1800 (H)
HIST 4453	History and Film (H) <sup>1</sup>	HIST 3413	East Asia Since 1800 (HI)
HIST 4463	American Cultural History to 1865 (H)	HIST 3423	Modern Japan (HI)
HIST 4483	American Cultural History Since 1865 (H)	HIST 3433	Modern China (HI)
HIST 4493	Frontier in American Memory (H)	HIST 3443	Gender Relations in Chinese History (H)
HIST 4503	American Urban History (H)	HIST 3453	Colonial Latin America (H)
HIST 4513	Economic History of the US (S)	HIST 3463	Modern Latin America (HI)
HIST 4523	American Environmental History (H)	HIST 3503	Medieval Islamic History (H)
HIST 4543	Vietnam War (HI) <sup>1</sup>	HIST 3513	Modern Middle East (HI)
HIST 4553	Gender in America (DH)	HIST 3523	History of Modern India and South Asia (HI)
HIST 4563	Cold War (HI) <sup>1</sup>	HIST 3543	Israel & Palestine in Modern Times (HI)
HIST 4593	America in International Perspective (H) <sup>1</sup>	HIST 3573	The Mongol Empire (H)
<i>European History</i>		HIST 3583	Minorities and Diversity in the Middle East (H)
HIST 3023	Ancient Greece (H)	HIST 4883	History of Modern Southeast Asia (HI)
HIST 3033	Ancient Rome: The Republic (H)	Select 12 hours of the following upper-division law-related courses: 12	
HIST 3113	Germany Since 1815 (HI)	AGEC 3713	Agricultural Law
HIST 3153	Russia to 1861 (H)	AMST 3333	Crime, Law and American Culture (S)
HIST 3163	Russia Since 1861 (HI)	ECON 3713	Introduction to Industrial Organization
HIST 3233	Late Medieval World, 1000-1450 (H)	PHIL 3003	Symbolic Logic (A)
HIST 3243	Renaissance, 1350-1517 (H)	POLS 3033	International Law
HIST 3253	Absolutism and Enlightenment, 1648-1789	POLS 3963	State Courts and the Bar
HIST 3263	Modern Europe, 1815-1914 (H)	POLS 3983	Courts and Judicial Process (S)
HIST 3273	Modern Europe Since 1914 (HI)	POLS 3993	Legal Research And Analysis
HIST 3323	Modern France, 1789-Present (HI)	POLS 4363	Environmental Law And Policy
HIST 3343	World War I in Modern European Culture (HI)	PSYC 4143	Psychology and Law
HIST 3353	Mediterranean World	SOC 3523	Juvenile Delinquency (DS)
HIST 3363	Popular Religion in the West, 1300-1700 (H)	SOC 4313	Sociology of Law
HIST 3373	Invasion and Identity: The Medieval English World: 700-1400 (H)	others with consent of advisor	
HIST 3383	Tudor-Stuart England (H)	<b>Hours Subtotal 48</b>	
HIST 3393	Modern England: 1714-Present (H)	<b>Electives</b>	
HIST 3473	British Empire and Commonwealth of Nations (H)	Select 10 hours 10	
HIST 3483	Reformation Europe, 1517-1648 (H)	May need to include 6 hours upper-division general education outside major department (see note 2.c.)	
HIST 3493	Scandinavia Since 1500 (HI)		
HIST 3913	History of Medicine (H) <sup>1</sup>		
HIST 3953	Religion in Modern Europe		



Recommended courses:

ECON 2103	Introduction to Microeconomics (S)	
or POLS 2023	The Individual And The Law	
<b>Hours Subtotal</b>		<b>10</b>
<b>Total Hours</b>		<b>120</b>

## Other Requirements

- See the College of Arts and Sciences Requirements.
- **Upper-Division Credit:** Total hours must include at least 40 hours in courses numbered 3000 or above.
- **Hours in One Department:** For B.A. and B.S. degrees, no more than 54 hours in one department may be applied to degree requirements.

## College of Arts and Sciences Requirements

### 1. General Education Requirements

No more than two courses (or eight hours) from the major department (<http://catalog.okstate.edu/college-arts-sciences-major-departments/>) may be used to meet General Education and College and Departmental Requirements. The General Education required English Composition, required U.S. History, required American Government, one required MATH or STAT course, and required foreign language for B.A. degrees do not count against the two-course maximum.

### 2. A&S College/Departmental Requirements

- Arts and Humanities are defined as any course carrying an (H) designation or courses from AMST, ART, DANC, ENGL (except ENGL 3323 Technical Writing) HIST, MUSI, PHIL (except PHIL 1313 Logic and Critical Thinking (A), PHIL 3003 Symbolic Logic (A) and PHIL 4003 Mathematical Logic and Computability), REL, TH, and foreign languages.
  - Natural and Mathematical Sciences are defined as any course from the following prefixes: ASTR, BIOC, BIOL, CHEM, CS (except CS 4883 Social Issues in Computing), GEOL, MATH, MICR, PBIO, PHYS, and STAT; or courses from other departments that carry an (A) or (N) general education designation.
  - The required six hours of upper-division General Education may not include courses from the student's major department. This requirement may be satisfied by courses also used to satisfy any part of a student's degree program (i.e., in General Education, College Departmental Requirements, Major Requirements or Electives).
  - Non-Western Studies Requirement for B.A. and B.F.A.; One 3-hour course in Non-Western Studies (N.W.). This requirement may be satisfied by courses also used to satisfy any part of a student's degree program (i.e., in General Education, College Departmental Requirements, Major Requirements or Electives).
  - The College of Arts & Sciences requires a minimum 2.0 GPA in all major requirements and a minimum 2.0 GPA in all major-prefix courses applied to the degree.
- ### 3. Foreign Language Proficiency
- The foreign language requirement for the B.A. may be satisfied by 9 hours college credit in the same language, which must include 3 hours at the 2000-level, or equivalent proficiency (e.g., passing an advanced standing examination; TOEFL exam; presenting a high school transcript which demonstrates the high school was primarily conducted in a language other than English; etc.). Computer Science courses may not be used to satisfy this

requirement. Currently Arabic and Mvskoke are not offered at the 2000-level at OSU.

- The foreign language requirement for the B.S., B.M. and B.F.A. may be satisfied by presenting a high school transcript which demonstrates two years of study of a single foreign language (passing grades at second-year level of study). It may also be satisfied by 6 hours college credit in the same language, which must include language courses 1713 and 1813, or equivalent proficiency (e.g., passing an advanced standing examination; TOEFL exam; presenting a high school transcript which demonstrates the high school was primarily conducted in a language other than English; etc.). Computer Science courses may not be used to satisfy this requirement.
  - In addition to a. and b., students pursuing teacher certification must meet novice-high foreign language proficiency by presenting a high school transcript which demonstrates two years of study of a single foreign language with no grade below B. Or, students may complete 3 hours college credit in a single language with no grade below C (or pass an advanced standing examination, College Level Examination Program (CLEP) exam, or Oral Proficiency Interview developed by the American Council on the Teaching of Foreign Languages, equivalent to 3 hours of college credit.) Or, students may meet the requirement by transfer of documentation of meeting the foreign language competency from one of the teacher education programs in the State of Oklahoma approved by the Oklahoma State Regents for Higher Education.
- ### 4. Exclusions
- Courses used to satisfy the General Education English Composition, U.S. History, American Government, and Mathematics or Statistics requirements will not count toward the 54-hour maximum allowed from one department.
  - Courses with ATHL or LEIS prefixes and leisure activity courses may not be used for degree credit.

## Additional State/OSU Requirements

- At least: 60 hours at a four-year institution; 30 hours completed at OSU; 15 of the final 30 or 50% of the upper-division hours in the major field completed at OSU.
- Limit of: one-half of major course requirements as transfer work; one-fourth of hours earned by correspondence; 8 transfer correspondence hours.
- Students will be held responsible for degree requirements in effect at the time of matriculation and any changes that are made, so long as these changes do not result in semester credit hours being added or do not delay graduation.
- Degrees that follow this plan must be completed by the end of Summer 2028.

## Example Plan of Study

### Finish in Four Plan of Study

The plan below is an **example** of how students can successfully complete degree requirements in four years. This suggested class schedule plan may be used as a guide and can be adjusted based on individual needs. Students are required to meet with an academic advisor prior to enrollment each semester to plan their class schedule, and students are ultimately responsible for completing all degree requirements.



Course	Title	Hours
<b>Freshman</b>		
<b>Fall</b>		
ENGL 1113	Composition I	3
HIST 1493 or HIST 1483 or HIST 1103	American History Since 1865 (DH) or American History to 1865 (H) or Survey of American History	3
General Education courses		8
<b>Hours</b>		<b>14</b>
<b>Spring</b>		
ENGL 1213	Composition II	3
POLS 1113	American Government	3
HIST 1613 or HIST 1623 or HIST 1713 or HIST 1813 or HIST 1823	Western Civilization to 1500 (H) or Western Civilization after 1500 (H) or Survey of Eastern Civilization (H) or World History from Ancient Times to 1500 (H) or World History 1500 to Present (H)	3
General Education courses		7
<b>Hours</b>		<b>16</b>
<b>Sophomore</b>		
<b>Fall</b>		
HIST 1623 or HIST 1613 or HIST 1713 or HIST 1813 or HIST 1823	Western Civilization after 1500 (H) or Western Civilization to 1500 (H) or Survey of Eastern Civilization (H) or World History from Ancient Times to 1500 (H) or World History 1500 to Present (H)	3
1713 First Semester Foreign Language		3
PHIL 1313	Logic and Critical Thinking (A)	3
General Education courses		6
<b>Hours</b>		<b>15</b>
<b>Spring</b>		
HIST 3903	Introduction to the Study of History	3
2000-level HIST course		3
1813 Second Semester Foreign Language		3
College and Elective courses		6
<b>Hours</b>		<b>15</b>
<b>Junior</b>		
<b>Fall</b>		
2000-level Foreign Language		3
Major, College, and Elective courses		12
<b>Hours</b>		<b>15</b>
<b>Spring</b>		
Major, College, and Elective courses		15
<b>Hours</b>		<b>15</b>
<b>Senior</b>		
<b>Fall</b>		
Major, College, and Elective courses		15
<b>Hours</b>		<b>15</b>
<b>Spring</b>		
HIST 4903 or HIST 4993	Senior Seminar or Senior Honors Thesis	3
Major, College, and Elective courses		12
<b>Hours</b>		<b>15</b>
<b>Total Hours</b>		<b>120</b>

## Integrative Biology

The Department of Integrative Biology offers BS degree programs in biology, physiology, and zoology.

The undergraduate degree in biology is appropriate for students wanting to obtain a broad background in the life sciences. Students complete coursework in animal, plant and microbial biology, genetics, ecology, physiology, and evolution. This degree meets the requirements for admission to graduate and professional schools and also prepares students for a broad range of biology-related employment opportunities. Students who choose this degree can also select options in allied health, environmental biology, pre-medical sciences, or secondary teacher certification.

The undergraduate degree in physiology offers specialized coursework as preparation for graduate school or a medically-related professional school. The bachelor's degree in physiology requires courses in biology, genetics, microbiology, comparative anatomy, biochemistry, physics, and chemistry. The mammalian physiology lecture and lab sequence provides a unique capstone experience. Students may also choose to pursue an option in pre-medical sciences.

The curriculum in zoology is designed to provide a thorough background in the biology of animals and prepares students for graduate school and many applied and professional careers. The zoology degree requires courses in ecology, evolution, genetics, and vertebrate and invertebrate zoology. Students participate in unique research experiences and/or internships and develop a good foundation in the related fields of chemistry, physics, and mathematics. Options with the zoology degree include ecology and conservation biology, pre-medical sciences, pre-veterinary science, and secondary teacher certification.

## Courses

### BIOL 1111 Introductory Biology Laboratory (LN)

**Prerequisites:** BIOL 1113 or concurrent.

**Description:** Provides students with authentic research experiences in which they design, conduct, and report on the results of extended investigations over topics introduced in BIOL 1113. Recommended for science and non-science majors.

**Credit hours:** 1

**Contact hours:** Lab: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lab

**Department/School:** Integrative Biology

**General Education and other Course Attributes:** Scientific Investigation, Natural Sciences

### BIOL 1113 Introductory Biology (N)

**Description:** Introduction to the integration between structure and function among all levels of biological organization. Application of principles of evolution, genetics, physiology and ecology to understanding the integrated and interdependent nature of living systems through discussions emphasizing the process of science. Discussions include current issues, local research, observations, and investigations. Recommended for science and non-science majors. Concurrent enrollment in BIOL 1111 Introductory Biology Laboratory is highly recommended. May not be used for degree credit with BIOL 1114.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Integrative Biology

**General Education and other Course Attributes:** Natural Sciences

### BIOL 1114 Introductory Biology (LN)

**Description:** Introduction to the integration between structure and function among all levels of biological organization. Application of principles of evolution, genetics, physiology and ecology to understanding the integrated and interdependent nature of living systems through discussions emphasizing the process of science. Current issues and local research and observation and investigation in both lecture and lab. Recommended for non-science and science majors. Course previously offered as BISC 1114.

**Credit hours:** 4

**Contact hours:** Lecture: 3 Lab: 3 Contact: 6

**Levels:** Undergraduate

**Schedule types:** Lab, Lecture, Combined lecture and lab

**Department/School:** Integrative Biology

**General Education and other Course Attributes:** Scientific Investigation, Natural Sciences

### BIOL 1604 Animal Biology

**Prerequisites:** BIOL 1114 or (BIOL 1113 and BIOL 1111).

**Description:** Morphology, physiology, ecology, life histories and importance of representatives of major groups to humans. Evolution of systems and mechanisms which have allowed animals to survive and adapt to diverse habitats. Previously offered as ZOO 1604.

**Credit hours:** 4

**Contact hours:** Lecture: 3 Lab: 2 Contact: 5

**Levels:** Undergraduate

**Schedule types:** Lab, Lecture, Combined lecture and lab

**Department/School:** Integrative Biology

### BIOL 2003 Biology for the Informed Citizen (N)

**Description:** This course teaches students how to find reliable answers to biological questions and arrive at informed decisions in their everyday lives. The course will use current issues (e.g., cancer, pollution) to convey fundamental biological concepts. Performance will be assessed via exams, and students will complete a small independent research project on a topic of their choice for a hands-on experience of the scientific process (study design to presentation). Brief lectures interspersed with short discussions or documentaries encompass a typical class meeting. Not an alternative to Introductory Biology.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Integrative Biology

**General Education and other Course Attributes:** Natural Sciences

**BIOL 2890 Honors Experience in Integrative Biology**

**Prerequisites:** Honors Program participation and concurrent enrollment in a designated BIOL course.

**Description:** A supplemental Honors experience in Integrative Biology to partner concurrently with designated BIOL course(s). This course adds a different intellectual dimension to the designated course(s). Offered for fixed credit, 1 credit hour, maximum of 6 credit hours.

**Credit hours:** 1

**Contact hours:** Lecture: 1 Contact: 1

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Integrative Biology

**General Education and other Course Attributes:** Honors Credit

**BIOL 3023 General Genetics**

**Prerequisites:** "C" or better in CHEM 3013 or CHEM 3053 or MICR 2123 or MICR 3033 or P BIO 2403.

**Description:** Inheritance in plants, animals, and microorganisms; molecular and classical aspects. Previously offered as BIOL 3024 and BISC 3024.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Integrative Biology

**BIOL 3034 General Ecology**

**Prerequisites:** BIOL 1114 or (BIOL 1113 and BIOL 1111) or equivalent and (P BIO 1404 or BIOL 1604 or equivalent) and (MATH 1513, MATH 1613, MATH 1715, MATH 1813 or MATH 2144).

**Description:** An overview of the study of organisms interacting with each other and their environment at individual, population, community, and ecosystem levels of organization. Includes human interaction with ecological systems.

**Credit hours:** 4

**Contact hours:** Lecture: 3 Lab: 3 Contact: 6

**Levels:** Undergraduate

**Schedule types:** Lab, Lecture, Combined lecture and lab

**Department/School:** Integrative Biology

**BIOL 3053 Freshwater: Concepts, Threats and Management (N)**

**Description:** Freshwater is a critical, non-substitutable resource. Do we have enough? How are we going to manage it? This course will introduce non-biology majors to the concepts, threats, and policy relevant to freshwaters using information published in the popular science press. Issues directly relevant to Oklahoma, and the U.S. will be discussed. Debates modeled using the legal system of policy formulation will promote critical thought and communication skills in an exciting real-world milieu. ZOOL and PHSL majors may count as elective hours only. Previously offered as ZOOL 3023.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Integrative Biology

**General Education and other Course Attributes:** Natural Sciences

**BIOL 3104 Invertebrate Zoology**

**Prerequisites:** BIOL 1604.

**Description:** Morphology, physiology, reproduction and ecology of major invertebrate groups. Previously offered as ZOOL 3104.

**Credit hours:** 4

**Contact hours:** Lecture: 3 Lab: 3 Contact: 6

**Levels:** Undergraduate

**Schedule types:** Lab, Lecture, Combined lecture and lab

**Department/School:** Integrative Biology

**BIOL 3113 Human Evolution (N)**

**Prerequisites:** BIOL 1114 or (BIOL 1113 and BIOL 1111) strongly recommended.

**Description:** Overview of how evolution shapes human biology. Topics include evolutionary mechanisms, human genetic variation and health, primate diversity, the fossil record, and the origins, dispersal, and behavior of anatomically modern humans. ZOOL and PHSL majors may count as elective hours only. Previously offered as ZOOL 3113.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Integrative Biology

**General Education and other Course Attributes:** Natural Sciences

**BIOL 3114 Vertebrate Zoology**

**Prerequisites:** BIOL 1604.

**Description:** Comparative morphology of representative vertebrates with emphasis on phylogeny and ontogeny and consideration of histology and function. Previously offered as ZOOL 3114.

**Credit hours:** 4

**Contact hours:** Lecture: 3 Lab: 3 Contact: 6

**Levels:** Undergraduate

**Schedule types:** Lab, Lecture, Combined lecture and lab

**Department/School:** Integrative Biology

**BIOL 3123 Human Heredity (N)**

**Description:** The impact of genetics on human endeavor. Not recommended for students with prior credit in BIOL 3023. BIO, PHSL and ZOOL majors may count as elective hours only. Previously offered as ZOOL 3123.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Integrative Biology

**General Education and other Course Attributes:** Natural Sciences

**BIOL 3153 Animal Behavior**

**Prerequisites:** Junior standing.

**Description:** Survey of theory and application in basic and applied animal behavior. Interdisciplinary analysis of animal behavior in the field, captive settings and laboratories. Previously offered as ZOOL 3153.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Integrative Biology

**BIOL 3163 Environmental Biology**

**Prerequisites:** BIOL 1114 or (BIOL 1113 and BIOL 1111) and (CHEM 1215 or CHEM 1314).

**Description:** Overview of how organisms are influenced by the environment in which they live and how anthropogenic activities impact their environment. Topics include impacts of disturbing energy and material cycles, toxicological disease, and infectious disease. Previously offered as ZOO 3163.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Integrative Biology

**BIOL 3204 Physiology**

**Prerequisites:** "C" or better in both BIOL 1114 or (BIOL 1113 and BIOL 1111) and (CHEM 1215 or CHEM 1314 or CHEM 1414).

**Description:** Anatomy and function of the human body. Human and domestic animal physiology considered in laboratories. Previously offered as ZOO 3204.

**Credit hours:** 4

**Contact hours:** Lecture: 3 Lab: 2 Contact: 5

**Levels:** Undergraduate

**Schedule types:** Lab, Lecture, Combined lecture and lab

**Department/School:** Integrative Biology

**BIOL 3214 Human Anatomy**

**Prerequisites:** "C" or better in either BIOL 1604 or BIOL 3204.

**Description:** Gross anatomy of the human body and its systems with a minor emphasis on histology. Laboratory based on human models and comparisons with dissections of nonhuman mammals. Previously offered as ZOO 3214.

**Credit hours:** 4

**Contact hours:** Lecture: 3 Lab: 3 Contact: 6

**Levels:** Undergraduate

**Schedule types:** Lab, Lecture, Combined lecture and lab

**Department/School:** Integrative Biology

**BIOL 3233 Human Reproduction**

**Prerequisites:** BIOL 1114 or (BIOL 1113 and BIOL 1111) or consent of instructor.

**Description:** Overview of human reproduction, including conception, pregnancy, childbirth, sexual maturation, and parental investment in offspring. Draws from multiple fields such as genetics, anatomy and physiology, developmental biology and evolutionary theory. Previously offered as ZOO 3233.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Integrative Biology

**BIOL 3513 Principles of Conservation Biology**

**Prerequisites:** Sophomore standing and BIOL 1604 or PBIO 1404.

**Description:** A scientific foundation of conservation biology through the study of the importance of conservation in society, the role of conservation policy, protected areas, and planning, and the future of conservation biology. Topics covered include Ecology, Evolution, and Genetics. Previously offered as ZOO 3513.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Integrative Biology

**BIOL 3604 Biological Principles for Teachers**

**Prerequisites:** BIOL 1114 or (BIOL 1113 and BIOL 1111) and BIOL 3204 and CHEM 1314.

**Description:** Capstone course in biology for potential science teachers. Review of biological phenomena and principles as related to the curriculum. Course previously offered as BISC 3604.

**Credit hours:** 4

**Contact hours:** Lecture: 4 Contact: 4

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Integrative Biology

**BIOL 3700 Readings and Special Studies in Integrative Biology**

**Prerequisites:** BIOL 1604 and consent of instructor.

**Description:** Discussion of selected readings. Previously offered as ZOO 3700. Offered for variable credit, 1-3 credit hours, maximum of 6 credit hours.

**Credit hours:** 1-3

**Contact hours:** Contact: 1-3 Other: 1-3

**Levels:** Undergraduate

**Schedule types:** Discussion

**Department/School:** Integrative Biology

**BIOL 3890 Advanced Honors Experience in Integrative Biology**

**Prerequisites:** Honors Program participation and concurrent enrollment in a designated BIOL course.

**Description:** A supplemental Honors experience in Integrative Biology to partner concurrently with designated upper-division BIOL course(s). This course adds a different intellectual dimension to the designated course(s). Offered for fixed credit, 1 credit hour, maximum of 6 credit hours.

**Credit hours:** 1

**Contact hours:** Lecture: 1 Contact: 1

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Integrative Biology

**General Education and other Course Attributes:** Honors Credit

**BIOL 3933 Research Methods**

**Prerequisites:** BIOL 1114 or (BIOL 1113 and BIOL 1111) and (MATH 1613 or higher) and (STAT 2013 or STAT 4013).

**Description:** Students perform independent inquiries and learn to use skills from science to solve research problems. Students will design experiments, collect and analyze data, formulate hypotheses, justify conclusions, create models, read and evaluate the research literature, and write and present research reports.

**Credit hours:** 3

**Contact hours:** Lecture: 2 Lab: 2 Contact: 4

**Levels:** Undergraduate

**Schedule types:** Lab, Lecture, Combined lecture and lab

**Department/School:** Integrative Biology

**BIOL 4024 Histology**

**Prerequisites:** BIOL 3114, BIOL 3204, or BIOL 3214.

**Description:** The study of cellular composition and functional components of tissues. With an emphasis in vertebrates, the course is a survey of the microanatomy and function of tissues such as epithelial, connective, muscular, and nervous. May not be used for degree credit with BIOL 5024.

**Credit hours:** 4

**Contact hours:** Lecture: 3 Lab: 2 Contact: 5

**Levels:** Undergraduate

**Schedule types:** Lab, Lecture, Combined lecture and lab

**Department/School:** Integrative Biology

**BIOL 4073 Principles of Neuroscience**

**Prerequisites:** BIOL 1114 or (BIOL 1113 and BIOL 1111) and either (CHEM 1215, CHEM 1314, or CHEM 1414).

**Description:** Neuroscience is an interdisciplinary field focused on understanding the structure and function of the brain, spinal cord, and peripheral nervous system. This course examines foundational theories and principles related to the neural mechanisms controlling physiological processes and behavior. Topics covered include cellular neurobiology, neuronal signaling, neural development and plasticity, comparative neuroanatomy, and neurobiology of complex brain functions such as sensory processing, arousal, emotions, learning, and memory. Previous coursework in physiology recommended. Same course as PSYC 4073. May not be used for degree credit with BIOL 5073 or PSYC 5073.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Integrative Biology

**BIOL 4104 General Parasitology**

**Prerequisites:** BIOL 1604.

**Description:** Fundamentals of parasitism with emphasis on: life cycles, disease conditions, epidemiology, diagnosis, treatment, historical significance, terminology, taxonomy, and parasitological techniques. Previously offered as ZOO 4104. May not be used for degree credit with BIOL 5104.

**Credit hours:** 4

**Contact hours:** Lecture: 3 Lab: 3 Contact: 6

**Levels:** Undergraduate

**Schedule types:** Lab, Lecture, Combined lecture and lab

**Department/School:** Integrative Biology

**BIOL 4113 Conservation Genetics**

**Prerequisites:** (BIOL 3023 or equivalent) and MATH 1513.

**Description:** Principles of population genetics as they pertain to issues in conservation biology. Evolutionary relationships, hybridization, natural selection, factors affecting small populations, gene flow, captive populations, and metapopulations. No credit for students with credit in BIOL 5113. Previously offered as ZOO 4113.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Integrative Biology

**BIOL 4133 Evolution**

**Prerequisites:** BIOL 3023.

**Description:** Development of the evolutionary concept; speciation evolutionary mechanisms and phylogenetic concepts. May not be used for degree credit with BIOL 5033. Previously offered as ZOO 4133.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Integrative Biology

**BIOL 4134 Embryology**

**Prerequisites:** BIOL 1604 and CHEM 1515.

**Description:** Biochemical basis of development with emphasis on gene regulation. Comparative development of sea urchin, frog, chick and pig. Experiments using frog and mouse, including the molecular level. Previously offered as ZOO 4134. May not be used for degree credit with BIOL 5134.

**Credit hours:** 4

**Contact hours:** Lecture: 3 Lab: 2 Contact: 5

**Levels:** Undergraduate

**Schedule types:** Lab, Lecture, Combined lecture and lab

**Department/School:** Integrative Biology

**BIOL 4174 Mammalogy**

**Prerequisites:** "C" or better in BIOL 1604 and (BIOL 3034 or NREM 3013).

**Description:** Taxonomy, identification, evolution, zoogeography, life history traits, and techniques of study of wild mammals. Weekend field trips required. May not be used for degree credit with BIOL 5174. Previously offered as ZOO 4174.

**Credit hours:** 4

**Contact hours:** Lecture: 3 Lab: 3 Contact: 6

**Levels:** Undergraduate

**Schedule types:** Lab, Lecture, Combined lecture and lab

**Department/School:** Integrative Biology

**BIOL 4184 Herpetology**

**Prerequisites:** BIOL 1604.

**Description:** The biology of amphibians and reptiles with an emphasis on evolutionary relationships and comparative morphology, physiology, ecology, and natural history; laboratory emphasis on Oklahoma species. Offered spring semester of even-numbered years. Weekend field trips required. May not be used for degree credit with BIOL 5184.

**Credit hours:** 4

**Contact hours:** Lecture: 3 Lab: 2 Contact: 5

**Levels:** Undergraduate

**Schedule types:** Lab, Lecture, Combined lecture and lab

**Department/School:** Integrative Biology

**BIOL 4215 Mammalian Physiology**

**Prerequisites:** "C" or better in both BIOL 3204 and (CHEM 3013 or CHEM 3053).

**Description:** Descriptive and functional analysis of the mammalian nervous, cardiovascular, musculoskeletal, respiratory, renal, endocrine, and digestive organ systems. For majors in human and animal sciences, particularly pre-medical, pre-dental, and pre-veterinary tracks. May not be used for degree credit with BIOL 5215. Previously offered as ZOO 4215.

**Credit hours:** 5

**Contact hours:** Lecture: 5 Contact: 5

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Integrative Biology

**BIOL 4223 Mammalian Physiology Capstone Laboratory**

**Prerequisites:** "C" or better in BIOL 4215 or ZOO 4215.

**Description:** Laboratory experiments that illustrate functions of organs, organ systems or mechanisms of whole body physiological control. A unique Capstone Experience for Physiology majors. Restricted to declared Physiology majors in the Department of Integrative Biology. Previously offered as ZOO 4223.

**Credit hours:** 3

**Contact hours:** Lecture: 1 Lab: 4 Contact: 5

**Levels:** Undergraduate

**Schedule types:** Lab, Lecture, Combined lecture and lab

**Department/School:** Integrative Biology



**BIOL 4253 Pharmacology**

**Prerequisites:** "C" or better in either BIOL 3204 or BIOL 4215; Biochemistry strongly suggested.

**Description:** Major drug classes based on their predominant use or principal activity in the body; basis for drug action; and modification of drugs and their action by physiological processes. May not be used for degree credit with BIOL 5253. Previously offered as ZOO 4243 and BIOL 4243.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Integrative Biology

**BIOL 4273 Environmental Physiology**

**Prerequisites:** BIOL 3204 or BIOL 4215.

**Description:** The study of animal adaptation and responses to natural environments. Topics include marine, shoreline, freshwater, and terrestrial habitats as well as anthropogenic problems specific to these habitats. No credit for students with credit in BIOL 5273. Previously offered as ZOO 4273.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Integrative Biology

**BIOL 4283 Endocrinology**

**Prerequisites:** "C" or better in (BIOL 3204 or BIOL 4215) and credit in (CHEM 3013 or CHEM 3053 or consent of instructor).

**Description:** Examination of the hormonal control and regulation of physiological processes in vertebrates. Function of the hypothalamus, pituitary, adrenal, thyroid, pancreas, ovary and testes. May not be used for degree credit with BIOL 5283. Previously offered as ZOO 4283.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Integrative Biology

**BIOL 4293 Behavioral Neuroendocrinology**

**Prerequisites:** BIOL 3204 or BIOL 4215.

**Description:** Examination of the influences of nervous and endocrine systems on behavior, and vice-versa, in vertebrates, including humans. Historical roots and current techniques relating to topics, including male and female reproductive behavior patterns, sex differences in behavior and neuroendocrine causation. No credit for students with credit in BIOL 5293. Previously offered as ZOO 4293.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Integrative Biology

**BIOL 4303 Organismal Ecotoxicology**

**Prerequisites:** Junior standing and BIOL 1114 or (BIOL 1113 and BIOL 1111) or equivalent and (CHEM 1215 or CHEM 1314).

**Description:** Comparative study of the major groups of environmental contaminants (e.g. heavy metals, PCB's, insecticides) and an introduction to the basic theories, principles and techniques associated with the study of contaminant fate and effects on organisms. No credit for students with credit in BIOL 5303. Same course as BIOL 5303 and ITOX 5303. Previously offered as ZOO 4303.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Integrative Biology

**BIOL 4313 Animal Communication**

**Prerequisites:** Junior standing.

**Description:** Mechanisms, function and evolution of animal communication systems. Emphasis on the function of sensory systems, signal production mechanisms, theories of signal design and optimal signaling strategies, and current research on signaling behavior and its evolution in wild animals. A course in animal behavior or evolution recommended. May not be used for degree credit with BIOL 5313.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Integrative Biology

**BIOL 4363 Principles of Toxicology**

**Prerequisites:** BIOL 3204 and (CHEM 1215 or CHEM 1314).

**Description:** Basic concepts in toxicology such as chemical partitioning, dose response, toxicokinetics, toxicodynamics, and bioavailability. It will focus on the molecular and cellular mechanisms of toxicity of a few representative natural and man-made compounds. Case studies used to understand real-life scenarios. No credit for students with credit in BIOL 5363.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Integrative Biology

**BIOL 4413 Biology of Fishes**

**Prerequisites:** BIOL 1604.

**Description:** Ecology and evolution of fishes with particular emphasis on physiology, morphology, behavior, and taxonomy; laboratory emphasis on Oklahoma species. Weekend field trips required. May not be used for degree credit with BIOL 4413.

**Credit hours:** 3

**Contact hours:** Lecture: 2 Lab: 2 Contact: 4

**Levels:** Undergraduate

**Schedule types:** Lab, Lecture, Combined lecture and lab

**Department/School:** Integrative Biology



**BIOL 4434 Limnology****Prerequisites:** BIOL 3034 or (NREM 3012 and NREM 3013).**Description:** This course provides an overview of the physical, chemical, and biological characteristics of inland habitats including lakes, reservoirs, streams, and wetlands. Field trips required. May not be used for degree credit with BIOL 5434. Previously offered as ZOO 4434.**Credit hours:** 4**Contact hours:** Lecture: 3 Lab: 3 Contact: 6**Levels:** Undergraduate**Schedule types:** Lab, Lecture, Combined lecture and lab**Department/School:** Integrative Biology**Additional Fees:** BIOL Course Field Trip fee of \$48 applies.**BIOL 4464 Ornithology****Prerequisites:** BIOL 1604.**Description:** Classification, evolution, distribution, identification, life histories, and morphological, ecological, and behavioral adaptations of birds. Two weekend field trips required. Same course as NREM 4464. May not be used for degree credit with BIOL 5464 or NREM 5464. Previously offered as ZOO 4464.**Credit hours:** 4**Contact hours:** Lecture: 3 Lab: 3 Contact: 6**Levels:** Undergraduate**Schedule types:** Lab, Lecture, Combined lecture and lab**Department/School:** Integrative Biology**BIOL 4484 Animal Locomotion****Prerequisites:** BIOL 1604.**Description:** How do animals move? How does this motion change based on environment? How has such motion evolved across groups? This course will explore the relationship of body form to locomotion. We will focus on all types of animals, which represent a broad diversity of types of locomotion (e.g. flying, swimming, jumping), environments (e.g. air, land, water), and scales of body size (i.e. from single cells to whales). A laboratory will serve to introduce students to the methods and technology used in studying locomotion. May not be used for degree credit with BIOL 5484.**Credit hours:** 4**Contact hours:** Lecture: 3 Lab: 3 Contact: 6**Levels:** Undergraduate**Schedule types:** Lab, Lecture, Combined lecture and lab**Department/School:** Integrative Biology**BIOL 4524 Biological Laboratory Instrumentation****Prerequisites:** CHEM 1515 and PBIO 1404 or MICR 2123 or BIOL 1604 or equivalents or consent of instructor.**Description:** Lecture and laboratory course in biological instrumentation use, theory, experimental design, maintenance, and troubleshooting. Topics include liquid handling systems, pH/ISE meters, electrophoresis, spectrophotometers, centrifuges, chromatography, thermocyclers, and DNA sequencers. No credit for students with credit in BIOL 5524, MICR 5524, PBIO 5524. Same course as PBIO 4524 and MICR 4524.**Credit hours:** 4**Contact hours:** Lecture: 2 Lab: 4 Contact: 6**Levels:** Undergraduate**Schedule types:** Lab, Lecture, Combined lecture and lab**Department/School:** Integrative Biology**BIOL 4700 Undergraduate Research Problems****Prerequisites:** Consent of instructor.**Description:** Participation in faculty research or execution of a problem formulated by the student. Project will include the communication of research results in written and/or oral form. Previously offered as ZOO 4700. Offered for variable credit, 1-4 credit hours, maximum of 4 credit hours.**Credit hours:** 1-4**Contact hours:** Contact: 1-4 Other: 1-4**Levels:** Undergraduate**Schedule types:** Independent Study**Department/School:** Integrative Biology**BIOL 4710 Internships in Integrative Biology****Prerequisites:** Consent of instructor.**Description:** Student participation in a research project during an internship in a Life Sciences related professional work setting. Graded on a pass-fail basis. Previously offered as ZOO 4710. Offered for variable credit, 1-3 credit hours, maximum of 3 credit hours.**Credit hours:** 1-3**Contact hours:** Contact: 1-3 Other: 1-3**Levels:** Undergraduate**Schedule types:** Independent Study**Department/School:** Integrative Biology**BIOL 4730 Collaborative Research in Integrative Biology****Prerequisites:** BIOL 1604.**Description:** Small teams of students work closely with faculty to design, develop, implement, and present authentic research projects. Topics of research will vary each semester based on the research interests of faculty leading the course.**Credit hours:** 1-3**Contact hours:** Contact: 1-3 Other: 1-3**Levels:** Undergraduate**Schedule types:** Independent Study**Department/School:** Integrative Biology**BIOL 4750 Honors Study in Integrative Biology****Prerequisites:** Honors Program participation.**Description:** Individual study in the development of biological concepts. Extensive reading, literature search and special experimentation. An individual problems course for the gifted student. Previously offered as ZOO 4750. Offered for variable credit, 1-5 credit hours, maximum of 5 credit hours.**Credit hours:** 1-5**Contact hours:** Contact: 1-5 Other: 1-5**Levels:** Undergraduate**Schedule types:** Independent Study**Department/School:** Integrative Biology**General Education and other Course Attributes:** Honors Credit**BIOL 5000 Research for Master's Thesis****Description:** Independent research for the MS Thesis under the supervision of graduate faculty member. Previously offered as ZOO 5000. Offered for variable credit, 1-3 credit hours, maximum of 6 credit hours.**Credit hours:** 1-6**Contact hours:** Contact: 1-6 Other: 1-6**Levels:** Graduate**Schedule types:** Independent Study**Department/School:** Integrative Biology

**BIOL 5003 Graduate Orientation and Academic Development**

**Prerequisites:** Admission to Integrative Biology graduate program or instructor approval.

**Description:** Prepare first year Integrative Biology graduate students for success. We address departmental expectations and standards by providing: an introduction to departmental expertise and capabilities, exposure to available tools and resources, a forum for research conceptualization and formulation, instruction on finding and securing funding, guidance on how to convert questions into grant proposals, and a milieu for preparation, submission and peer review of external grant/fellowships. Previously offered as ZOO 5003.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Graduate

**Schedule types:** Lecture

**Department/School:** Integrative Biology

**BIOL 5010 Graduate Seminar**

**Description:** Discussion of selected topics. Previously offered as ZOO 5010. Offered for variable credit, 1-3 credit hours, maximum of 10 credit hours.

**Credit hours:** 1-3

**Contact hours:** Contact: 1-3 Other: 1-3

**Levels:** Graduate

**Schedule types:** Independent Study

**Department/School:** Integrative Biology

**BIOL 5011 Current, Historical, and Integrative Principles in Integrative Biology**

**Prerequisites:** Admission to Integrative Biology graduate program or instructor approval.

**Description:** This course will furnish fundamental concepts in ecology, evolution, and environmental stress for first-year graduate students in Integrative Biology (and related departments). More importantly, this course is organized as modules that bring together various elements from the three broadly defined, and fundamentally related disciplines (i.e., ecology, evolution, and environmental stress), that our department views as our core strengths. Previously offered as ZOO 5011.

**Credit hours:** 1

**Contact hours:** Lecture: 1 Contact: 1

**Levels:** Graduate

**Schedule types:** Lecture

**Department/School:** Integrative Biology

**BIOL 5020 Special Problems**

**Prerequisites:** Graduate standing and consent of instructor.

**Description:** Discussions of selected readings and topics. Previously offered as ZOO 5020. Offered for variable credit, 1-4 credit hours, maximum of 10 credit hours.

**Credit hours:** 1-4

**Contact hours:** Contact: 1-4 Other: 1-4

**Levels:** Graduate

**Schedule types:** Independent Study

**Department/School:** Integrative Biology

**BIOL 5024 Histology**

**Prerequisites:** Consent of Instructor.

**Description:** The study of cellular composition and functional components of tissues. With an emphasis in vertebrates, the course is a survey of the microanatomy and function of tissues such as epithelial, connective, muscular, and nervous. May not be used for degree credit with BIOL 4024.

**Credit hours:** 4

**Contact hours:** Lecture: 3 Lab: 2 Contact: 5

**Levels:** Graduate

**Schedule types:** Lab, Lecture, Combined lecture and lab

**Department/School:** Integrative Biology

**BIOL 5030 Teaching Integrative Biology**

**Prerequisites:** Consent of instructor.

**Description:** Supervised teaching in the department. Attendance at seminar on problems involved in teaching Integrative Biology in college. Previously offered as ZOO 5030. Offered for variable credit, 1-3 credit hours, maximum of 4 credit hours.

**Credit hours:** 1-3

**Contact hours:** Contact: 1-3 Other: 1-3

**Levels:** Graduate, Undergraduate

**Schedule types:** Independent Study

**Department/School:** Integrative Biology

**BIOL 5033 Evolution**

**Description:** Development of the evolutionary concept; speciation evolutionary mechanisms and phylogenetic concepts. May not be used for degree credit with BIOL 4133.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Graduate

**Schedule types:** Lecture

**Department/School:** Integrative Biology

**BIOL 5073 Principles of Neuroscience**

**Description:** This course examines foundational theories and principles related to the neural mechanisms controlling physiological processes and behavior. Topics covered include cellular neurobiology, neuronal signaling, neural development and plasticity, comparative neuroanatomy, and neurobiology of complex brain functions such as sensory processing, arousal, emotions, learning, and memory. Previous coursework in physiology recommended. Same course as PSYC 5073 and BIOM 5983. May not be used for degree credit with BIOL 4073 or PSYC 4073.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Graduate

**Schedule types:** Lecture

**Department/School:** Integrative Biology

**BIOL 5100 Current Topics in Biology for Teachers**

**Prerequisites:** Approval of instructor.

**Description:** Acquaints the primary or secondary teacher with recent advances in biology. May include lecture, laboratory or field work. Offered for variable credit, 1-4 credit hours, maximum of 4 credit hours.

**Credit hours:** 1-4

**Contact hours:** Lecture: 1-4 Contact: 1-4

**Levels:** Graduate

**Schedule types:** Lecture

**Department/School:** Integrative Biology

**BIOL 5104 General Parasitology****Prerequisites:** BIOL 1604.**Description:** Fundamentals of parasitism with emphasis on: life cycles, disease conditions, epidemiology, diagnosis, treatment, historical significance, terminology, taxonomy, and parasitological techniques. May not be used for degree credit with BIOL 4104.**Credit hours:** 4**Contact hours:** Lecture: 3 Lab: 3 Contact: 6**Levels:** Graduate**Schedule types:** Lab, Lecture, Combined lecture and lab**Department/School:** Integrative Biology**BIOL 5113 Conservation Genetics****Prerequisites:** Course in genetics strongly recommended.**Description:** Principles of population genetics as they pertain to issues in conservation biology. Evolutionary relationships, hybridization, natural selection, factors affecting small populations, gene flow, captive populations, and META populations. No credit for students with credit in BIOL 4113. Previously offered as ZOO 5113.**Credit hours:** 3**Contact hours:** Lecture: 3 Contact: 3**Levels:** Graduate**Schedule types:** Lecture**Department/School:** Integrative Biology**BIOL 5123 Behavioral Ecology****Prerequisites:** Course in ecology strongly recommended.**Description:** Analysis and description of the behavior of animals in their natural environment, especially in terms of natural selection and adaptation. A synthesis of ethology, population genetics, sociobiology, and evolutionary theory. Largely descriptive and generalized with limited emphasis on mathematical theory. Previously offered as ZOO 5123.**Credit hours:** 3**Contact hours:** Lecture: 3 Contact: 3**Levels:** Graduate**Schedule types:** Lecture**Department/School:** Integrative Biology**BIOL 5133 Evolutionary Ecology****Description:** This course is intended to inform students about the traditional breadth of evolutionary ecology, and its impacts on contemporary ecological and evolutionary theories. Study will include both broad historical precedent and the far-reaching importance of current research in evolutionary ecology. This course will develop skills in written and oral communication and critical/synthetic thought. Previously offered as ZOO 5133.**Credit hours:** 3**Contact hours:** Lecture: 3 Contact: 3**Levels:** Graduate**Schedule types:** Lecture**Department/School:** Integrative Biology**BIOL 5134 Embryology****Prerequisites:** BIOL 1604 and CHEM 1515.**Description:** Biochemical basis of development with emphasis on gene regulation. Comparative development of sea urchin, frog, chick and pig. Experiments using frog and mouse, including the molecular level. May not be used for degree credit with BIOL 4134.**Credit hours:** 4**Contact hours:** Lecture: 3 Lab: 2 Contact: 5**Levels:** Graduate**Schedule types:** Lab, Lecture, Combined lecture and lab**Department/School:** Integrative Biology**BIOL 5174 Mammalogy****Prerequisites:** College level ecology or Natural History course.**Description:** Taxonomy, identification, evolution, zoogeography, life history traits, and techniques of study of wild mammals. Weekend field trips required. May not be used for degree credit with BIOL 4174.**Credit hours:** 4**Contact hours:** Lecture: 3 Lab: 3 Contact: 6**Levels:** Graduate**Schedule types:** Lab, Lecture, Combined lecture and lab**Department/School:** Integrative Biology**BIOL 5184 Advanced Herpetology****Description:** The biology of amphibians and reptiles with an emphasis on evolutionary relationships and comparative morphology, physiology, ecology, and natural history; laboratory emphasis on Oklahoma species. Offered spring semester of even-numbered years. Weekend field trips required. May not be used for degree credit with BIOL 4184.**Credit hours:** 4**Contact hours:** Lecture: 3 Lab: 2 Contact: 5**Levels:** Graduate**Schedule types:** Lab, Lecture, Combined lecture and lab**Department/School:** Integrative Biology**BIOL 5215 Mammalian Physiology****Description:** Descriptive and functional analysis of the mammalian nervous, cardiovascular, musculoskeletal, respiratory, renal, endocrine and digestive organ systems. For majors in human and animal sciences, particular pre-medical, pre-dental, and pre-veterinary tracks. Upper-division physiology course required. May not be used for degree credit with BIOL 4215. Previously offered as ZOO 4215.**Credit hours:** 5**Contact hours:** Lecture: 5 Contact: 5**Levels:** Graduate**Schedule types:** Lecture**Department/School:** Integrative Biology**BIOL 5243 Ecological Immunology****Description:** The causes and consequences of variation in immunity studied within the context of evolution and ecology. A combination of lectures and student-led presentations intended for graduate students and advanced undergraduates. Previously offered as ZOO 5243.**Credit hours:** 3**Contact hours:** Lecture: 3 Contact: 3**Levels:** Graduate**Schedule types:** Lecture**Department/School:** Integrative Biology**BIOL 5253 Pharmacology****Description:** Major drug classes based on their predominant use or principal activity in the body; basis for drug action; and modification of drugs and their action by physiological processes. Upper-division Physiology and Organic Chemistry required. May not be used for degree credit with BIOL 4243 or BIOL 4253.**Credit hours:** 3**Contact hours:** Lecture: 3 Contact: 3**Levels:** Graduate**Schedule types:** Lecture**Department/School:** Integrative Biology

**BIOL 5273 Environmental Physiology**

**Prerequisites:** BIOL 3204 or BIOL 4215 or equivalent.

**Description:** The study of animal adaptation and responses to natural freshwater, and terrestrial habitats as well as anthropogenic problems specific to these habitats. No credit for students with credit in BIOL 4273. Previously offered as ZOO 5273.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Graduate

**Schedule types:** Lecture

**Department/School:** Integrative Biology

**BIOL 5283 Endocrinology**

**Prerequisites:** A course in physiology and chemistry or consent of instructor.

**Description:** Examination of the hormonal control and regulation of physiological processes in vertebrates. Function of the hypothalamus, pituitary, adrenal, thyroid, pancreas, ovary and testes. No credit for students with credit in BIOL 4283. Previously offered as ZOO 5283.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Graduate

**Schedule types:** Lecture

**Department/School:** Integrative Biology

**BIOL 5293 Behavioral Neuroendocrinology**

**Prerequisites:** BIOL 3204 or BIOL 4215.

**Description:** Examination of the influences of nervous and endocrine systems on behavior and vice-versa, in vertebrates including humans. Historical roots and current techniques relating to topics, including male and female reproductive behavior patterns, sex differences in behavior and neuroendocrine causation. No credit for students with credit in BIOL 4293. Previously offered as ZOO 5293.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Graduate

**Schedule types:** Lecture

**Department/School:** Integrative Biology

**BIOL 5303 Organismal Ecotoxicology**

**Description:** Comparative study of the major groups of environmental contaminants (e.g. heavy metals, PCB's, insecticides) and an introduction to the basic theories, principles and techniques associated with the study of contaminant fate and effects on organisms. No credit for students with credit in BIOL 4303. Same course as ITOX 5303. Previously offered as ZOO 5303.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Graduate

**Schedule types:** Lecture

**Department/School:** Integrative Biology

**BIOL 5313 Animal Communication**

**Prerequisites:** Graduate standing.

**Description:** Mechanisms, function and evolution of animal communication systems. Emphasis on the function of sensory systems, signal production mechanisms, theories of signal design and optimal signaling strategies, and current research on signaling behavior and its evolution in wild animals. A course in animal behavior or evolution recommended. May not be used for degree credit with BIOL 4313.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Graduate

**Schedule types:** Lecture

**Department/School:** Integrative Biology

**BIOL 5343 Population and Community Ecotoxicology**

**Prerequisites:** Course in ecology strongly recommended.

**Description:** Examines the exposure of animals to environmental contaminants and resulting effects at the individual through community level. The dynamic nature of exposure to contaminants will be of particular interest in this course. For example, how do the natural history traits of a species either protect it from exposure, or enhance its potential for exposure to contaminants? Topics will range from the historical perspectives to ecotoxicology to study design and risk assessment. Same course as ITOX 5343. Previously offered as ZOO 5343.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Graduate

**Schedule types:** Lecture

**Department/School:** Integrative Biology

**BIOL 5363 Principles of Toxicology**

**Prerequisites:** Course in chemistry and physiology strongly recommended.

**Description:** Basic concepts in toxicology such as chemical partitioning, dose response, toxicokinetics, toxicodynamics, and bioavailability. It will focus on the molecular and cellular mechanisms of toxicity of a few representative natural and man-made compounds. Case studies used to understand real-life scenarios. No credit for students with credit in BIOL 4363.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Graduate

**Schedule types:** Lecture

**Department/School:** Integrative Biology

**BIOL 5403 Advanced Wetland Ecology**

**Prerequisites:** A course in aquatic ecology or wetland management recommended.

**Description:** Principles and theory of wetland ecology with a focus on wetland processes, function, and services. Topics include wetland geomorphology, biogeochemistry and hydrology of wetlands, wetland functions and services, wetland development, wetland restoration, water issues, wetland policy, philosophy of wetland management, and educating society about wetlands. Same course as NREM 5403. Previously offered as ZOO 5403.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Graduate

**Schedule types:** Lecture

**Department/School:** Integrative Biology

**BIOL 5413 Biology of Fishes****Credit hours:** 3**Contact hours:** Lecture: 2 Lab: 2 Contact: 4**Levels:** Graduate**Schedule types:** Lab, Lecture, Combined lecture and lab**Department/School:** Integrative Biology**BIOL 5423 Techniques in Environmental Toxicology****Prerequisites:** Organic chemistry or instructor consent.**Description:** Practical understanding of modern techniques used to quantify exposure and effects of environmental toxicants. Laboratory topics include gas chromatography, HPLC, atomic absorption spectroscopy, immunoassay, and toxicity testing. Same course as ITOX 5423. Previously offered as ZOOL 5423.**Credit hours:** 3**Contact hours:** Lecture: 1 Lab: 4 Contact: 5**Levels:** Graduate**Schedule types:** Lab, Lecture, Combined lecture and lab**Department/School:** Integrative Biology**BIOL 5434 Limnology****Description:** This course provides an overview of the physical, chemical, and biological characteristics of inland habitats including lakes, reservoirs, streams, and wetlands. Field trips required. May not be used for degree credit with BIOL 4434.**Credit hours:** 4**Contact hours:** Lecture: 3 Lab: 3 Contact: 6**Levels:** Graduate**Schedule types:** Lab, Lecture, Combined lecture and lab**Department/School:** Integrative Biology**BIOL 5464 Ornithology****Description:** Classification, evolution, distribution, identification, life histories, and morphological, ecological, and behavioral adaptations of birds. Two weekend field trips required. May not be used for degree credit with BIOL 4464, NREM 4464. Previously offered as NREM 5564.**Credit hours:** 4**Contact hours:** Lecture: 3 Lab: 3 Contact: 6**Levels:** Graduate**Schedule types:** Lab, Lecture, Combined lecture and lab**Department/School:** Integrative Biology**BIOL 5484 Animal Locomotion****Description:** How do animals move? How does this motion change based on environment? How has such motion evolved across groups? This course will explore the relationship of body form to locomotion. We will focus on all types of animals, which represent a broad diversity of types of locomotion (e.g. flying, swimming, jumping), environments (e.g. air, land, water), and scales of body size (i.e. from single cells to whales). A laboratory will serve to introduce students to the methods and technology used in studying locomotion. May not be used for degree credit with BIOL 4484.**Credit hours:** 4**Contact hours:** Lecture: 3 Lab: 3 Contact: 6**Levels:** Graduate**Schedule types:** Lab, Lecture, Combined lecture and lab**Department/School:** Integrative Biology**BIOL 5503 Spatial Ecology and Analysis****Prerequisites:** Course in ecology strongly recommended.**Description:** Theory, methods, and models for identifying and quantifying spatial patterns and processes, with a focus on implications for ecological relationships. Previously offered as ZOOL 5503.**Credit hours:** 3**Contact hours:** Lecture: 3 Contact: 3**Levels:** Graduate**Schedule types:** Lecture**Department/School:** Integrative Biology**BIOL 5523 Population Ecology****Prerequisites:** BIOL 3034 and MATH 1513.**Description:** Theory and principles of predicting and analyzing population abundance and dynamics. Life history theory, foraging theory, habitat selection, population genetics, and species interactions. Previously offered as ZOOL 5523.**Credit hours:** 3**Contact hours:** Lecture: 3 Contact: 3**Levels:** Graduate**Schedule types:** Lecture**Department/School:** Integrative Biology**BIOL 5524 Biological Laboratory Instrumentation****Prerequisites:** CHEM 1515 and P BIO 1404 or MICR 2123 or BIOL 1604 or equivalents or consent of instructor.**Description:** Lecture and laboratory course in biological instrumentation use, theory, experimental design, maintenance, and troubleshooting.

Topics include liquid handling systems, pH/ISE meters, electrophoresis, spectrophotometers, centrifuges, chromatography, thermocyclers, and DNA sequencers. May not be used for degree credit in BIOL 4524, MICR 4524, P BIO 4524. Same course as P BIO 5524 and MICR 5524.

**Credit hours:** 4**Contact hours:** Lecture: 2 Lab: 4 Contact: 6**Levels:** Graduate**Schedule types:** Lab, Lecture, Combined lecture and lab**Department/School:** Integrative Biology**BIOL 5623 Ecological Data and Alternative Hypothesis****Prerequisites:** Course in statistics strongly recommended.**Description:** Emphasizes statistical analyses that start with a set of plausible alternative hypotheses and use likelihoods to quantify the relative support the hypotheses receive from empirical data. Instruction will be done with lectures, computer lab exercises, and in-class presentations. Previously offered as ZOOL 5623.**Credit hours:** 3**Contact hours:** Lecture: 3 Contact: 3**Levels:** Graduate**Schedule types:** Lecture**Department/School:** Integrative Biology**BIOL 5633 Ecological and Behavioral Modeling****Prerequisites:** Course in ecology strongly recommended.**Description:** This course will provide a general overview of modeling approaches for studying a variety of ecological and environmental problems. It will provide students with a toolbox of techniques, and discuss how they can be used to address questions and generate testable predictions. The course will emphasize modeling individual behavior and population dynamics. Previously offered as ZOOL 5633.**Credit hours:** 3**Contact hours:** Lecture: 3 Contact: 3**Levels:** Graduate**Schedule types:** Lecture**Department/School:** Integrative Biology



**BIOL 5643 Ecological Niche Modeling and Species Distributions**

**Prerequisites:** Course in ecology strongly recommended.

**Description:** Ecological niche modeling theory and practice. Generation of niche models and distribution predictions to address questions on species' ecology, conservation, biogeography, and phylogeography. Familiarization with ESRI ArcGIS software, as well as environmental GIS data sources. Previously offered as ZOOL 5643.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Graduate

**Schedule types:** Lecture

**Department/School:** Integrative Biology

**BIOL 6000 Research for PhD Dissertation**

**Description:** Independent research for the PhD dissertation under the supervision of a graduate faculty member. Previously offered as ZOOL 6000. Offered for variable credit, 1-15 credit hours, maximum of 60 credit hours.

**Credit hours:** 1-15

**Contact hours:** Contact: 1-15 Other: 1-15

**Levels:** Graduate

**Schedule types:** Independent Study

**Department/School:** Integrative Biology

## Undergraduate Programs

- Biology, BS (p. 1309)
- Biology: Allied Health, BS (p. 1312)
- Biology: Environmental Biology, BS (p. 1315)
- Biology: Pre-Medical Sciences, BS (p. 1318)
- Biology: Secondary Teacher Certification, BS (p. 1321)
- Physiology, BS (p. 1324)
- Physiology: Pre-Medical Sciences, BS (p. 1327)
- Zoology, BS (p. 1331)
- Zoology: Ecology and Conservation Biology, BS (p. 1334)
- Zoology: Pre-Medical Sciences, BS (p. 1337)
- Zoology: Pre-Veterinary Sciences, BS (p. 1340)
- Zoology: Secondary Teacher Certification, BS (p. 1343)

## Graduate Programs Programs of Study

Programs of study leading to MS and PhD degrees are offered in Integrative Biology. The department emphasizes Ecology and Evolutionary Biology and Environmental Stress. Among faculty research interests are behavioral and evolutionary ecology, conservation biology, ecotoxicology, ecosystem services, ecological immunology, behavioral endocrinology and neuroendocrinology, neurobiology, theoretical ecology, invertebrate ecology, herpetology, ornithology, parasitology, physiology, macroevolution, phylogenetics, animal communication, bioacoustics, evolutionary medicine, disease ecology, nutritional ecology, landscape ecology, population ecology, aquatic and wetland ecology, and science education. The department includes the Ecotoxicology and Water Quality Research Laboratory and the Oklahoma State University Collection of Vertebrates.

## Prerequisites

Applicants must have completed a baccalaureate degree including 40 semester hours in biology and related areas.

## The Master of Science Degree

Students must prepare a research proposal and complete either a thesis or a report. For the thesis option, 30 credit hours are required; for the report option, 32 credit hours.

## The Doctor of Philosophy Degree

Students must prepare a research proposal, pass written and oral comprehensive examinations, and complete a dissertation based on original research worthy of publication.

## Financial Aid

The department employs more than 50 graduate teaching assistants (TA). Faculty members also award research assistantships (RA) based on ongoing grants and contracts. In-state and out-of-state students on RA or TA support receive full tuition waivers.

## Research Facilities

The Department of Integrative Biology occupies a six-floor building with offices, classrooms, laboratories and animal rooms. A broad range of instrumentation is available for both teaching and research. Specialized equipment is available for environmental analysis, cell culture, microscopy, and genetics research. A Field Station is also available near Lake Carl Blackwell. The Department of Integrative Biology also houses the OSU Collection of Vertebrates which includes over 25,000 lots of fish, 14,000 reptiles and amphibians, 3,000 birds, and 13,000 mammals. For more information visit our website: [integrativebiology.okstate.edu](http://integrativebiology.okstate.edu) (<http://integrativebiology.okstate.edu>).

## Minors

- Biology (BIO), Minor (p. 1308)
- Zoology (ZOOL), Minor (p. 1330)

## Faculty

Jason Belden, PhD—Professor and Department Head

**Regents Professors:** Stanley Fox, PhD (emeritus); Scott McMurry, PhD; Loren Smith, PhD (emeritus); Ron Van DenBussche

**Professors:** Kristen Baum, PhD; Donald French, PhD; Punidan Jeyasingh, PhD; Bruce Waldman, PhD

**Associate Professors:** Matthew Bolek, PhD; Andrew Dzialowski, PhD; Jennifer Grindstaff, PhD; Meredith Hamilton, PhD (emeritus); Matthew Lovern, PhD; Barney Luttbeg, PhD; Matteo Minghetti, PhD; Dan Moen, PhD; Mary Towner, PhD; Shawn Wilder, PhD

**Assistant Professors:** Desire' Buckley, PhD; Fabio de Andrade Machado, PhD; Elizabeth McCullagh, PhD; Michael Reichert, PhD; Patrick Stephens, PhD; Guin Wogan, PhD; Bo Zhang, PhD

**Teaching Assistant Professors:** Uriel Buitrago-Suarez, PhD; Elisa Cabrera-Guzman, PhD; Jodie Wiggins, PhD; Will Wiggins, PhD



## Biology (BIO), Minor

**Requirements for Students Matriculating in or before Academic Year 2022-2023.** Learn more about University Academic Regulation 3.1 (p. 943).

For more information on a Biology minor, contact the **Office of Integrative Biology**: 405-744-5555 or 501 Life Sciences West

**Total Hours:** 27

Code	Title	Hours
<b>Minor Requirements</b>		
BIOL 1113 & BIOL 1111 or BIOL 1114	Introductory Biology (N) and Introductory Biology Laboratory (LN) Introductory Biology (LN)	4
BIOL 1604	Animal Biology	4
BIOL 3023	General Genetics	3
BIOL 3034	General Ecology	4
MICR 2123	Introduction to Microbiology	3
MICR 2132	Introduction to Microbiology Laboratory	2
MICR 3033	Cell and Molecular Biology	3
PBIO 1404	Plant Biology (LN)	4
<b>Total Hours</b>		<b>27</b>

## Other Requirements

- No grade below "C."

## Additional OSU Requirements

### Undergraduate Minors

- An undergraduate minor must include between fifteen and thirty hours, inclusive of undergraduate coursework.
- A minimum of six credit hours for the minor must be earned in residence at OSU.
- The courses required for a minor may be included in the course requirements for any undergraduate degree or they may be in addition to degree requirements, depending on the overlap between the minor and degree requirements. However, an undergraduate minor must be earned in an academic field other than the student's declared degree option. The minor may not duplicate the degree major or option (for example, a student who earns a BA in Art with an Art History option may earn a minor in Studio Art but not Art History).
- A student generally follows the minor requirements associated with his or her matriculation year or newer requirements that have been established since matriculation. The time limit for following requirements from a given academic year is six years.

For additional information on requirements on minors, click here (<https://adminfinance.okstate.edu/site-files/documents/policies/requirements-for-undergraduate-and-graduate-minors.pdf>).

# Biology, BS

## Degree Requirements

**Requirements for Students Matriculating in or before Academic Year 2022-2023.** Learn more about University Academic Regulation 3.1 (p. 943).

**Minimum Overall Grade Point Average: 2.00**

**Total Hours: 120**

Code	Title	Hours
<b>General Education Requirements</b>		
<i>English Composition</i>		
See Academic Regulation 3.5 (p. 944)		
ENGL 1113 or ENGL 1313	Composition I Critical Analysis and Writing I	3
Select one of the following:		3
ENGL 1213	Composition II	
ENGL 1413	Critical Analysis and Writing II	
ENGL 3323	Technical Writing	
<i>American History &amp; Government</i>		
HIST 1103 or HIST 1483 or HIST 1493	Survey of American History American History to 1865 (H) American History Since 1865 (DH)	3
POLS 1113	American Government	3
<i>Analytical &amp; Quantitative Thought (A)</i>		
STAT 4013 or STAT 2013	Statistical Methods I (A) <sup>1</sup> Elementary Statistics (A)	3
MATH 1813 or MATH 1613	Preparation for Calculus (A) (or higher) <sup>1</sup> Trigonometry (A)	3
<i>Humanities (H)</i>		
Courses designated (H)		6
<i>Natural Sciences (N)</i>		
Must include one Laboratory Science (L) course		
PHYS 1114 or PHYS 2014	College Physics I (LN) <sup>1</sup> University Physics I (LN)	4
PHYS 1214 or PHYS 2114	College Physics II (LN) <sup>1</sup> University Physics II (LN)	4
<i>Social &amp; Behavioral Sciences (S)</i>		
Course designated (S)		3
<i>Additional General Education</i>		
Courses designated (A), (H), (N), or (S)		6
<b>Hours Subtotal</b>		<b>41</b>
<b>Diversity (D) &amp; International Dimension (I)</b>		
May be completed in any part of the degree plan		
Select at least one Diversity (D) course		
Select at least one International Dimension (I) course		
<b>College/Departmental Requirements</b>		
<i>First Year Seminar</i>		
(Transfer students with 15 hours exempt)		1
<i>Arts &amp; Humanities</i>		
See note 2.a.		3
<i>Natural &amp; Mathematical Sciences</i>		

CHEM 1314	Chemistry I (LN)	4
CHEM 1515	Chemistry II (LN)	5
<i>Foreign Language</i>		
See note 3		0
0-6 hours		
<i>Upper-Division General Education</i>		
Select 6 hours outside major department		
See note 2.c.		
<b>Hours Subtotal</b>		<b>13</b>
<b>Major Requirements<sup>2</sup></b>		
Minimum GPA 2.50 in Major Requirements OR minimum grade of "C" in each course.		
<i>Core Courses</i>		
BIOL 1113 & BIOL 1111 or BIOL 1114	Introductory Biology (N) and Introductory Biology Laboratory (LN) Introductory Biology (LN)	4
BIOL 1604	Animal Biology	4
BIOL 3023	General Genetics <sup>2</sup>	3
BIOL 3034	General Ecology	4
BIOL 4133	Evolution <sup>2</sup>	3
MICR 2123	Introduction to Microbiology	3
MICR 2132	Introduction to Microbiology Laboratory	2
MICR 3033	Cell and Molecular Biology	3
PBIO 1404	Plant Biology (LN)	4
Select 9 hours upper-division coursework from: BIOL, MICR, PBIO (excluding general education courses)		9
<i>Related Courses</i>		
Physiology, choose from:		4
BIOL 3204 PBIO 4463 & PBIO 4462	Physiology (or) Plant Physiology and Plant Physiology Laboratory	
Organic Chemistry, choose from:		5
CHEM 3013 & CHEM 3012	Survey of Organic Chemistry and Survey of Organic Chemistry Laboratory	
CHEM 3053 & CHEM 3112 & CHEM 3153	Organic Chemistry I and Organic Chemistry Laboratory and Organic Chemistry II	
<i>Supplemental Courses</i>		
Select 6 hours upper-division coursework from the following (no more than 3 hours of general education in the natural sciences):		6
ANSI 3543	Principles of Animal Nutrition	
ENGL 3323	Technical Writing	
HLTH 3113	Health Issues in Diverse Populations (D)	
HHP 4063	Neuroanatomy	
HIST 3913	History of Medicine (H)	
NREM 4523	Wildlife Management Techniques	
PHIL 3833	Biomedical Ethics (H)	
PHIL 4713	Philosophy of Science (H)	
PHIL 4733	Philosophy of Biology (H)	
PSYC 3073	Neurobiological Psychology (N)	
PSYC 3443	Abnormal Psychology (S)	
PSYC 4263	Affective Neuroscience	

SOC 4153	Sociology of Health and Illness	
SOC 4433	Environmental Sociology (S)	
SOC 4453	Environmental Inequality (S)	
Or from BIOC, CHEM, ENTO, ENVR, GEOG, GEOL, HORT, MATH, NREM, PHYS, PLNT, PLP, SOIL, and STAT		
<b>Hours Subtotal</b>		<b>54</b>
<b>Electives</b> <sup>2</sup>		
Select 12 hours		12
MATH 1513 required for students who do not place directly into MATH 1813 (or MATH 1613).		
May need to include 6 hours of a foreign language (see note 3).		
May need to include 6 hours upper-division general education outside major department (see note 2.c.) and 7 additional upper-division hours.		
<b>Hours Subtotal</b>		<b>12</b>
<b>Total Hours</b>		<b>120</b>

1

College and Departmental Requirements that may be used to meet General Education Requirements.

2

With approval from the advisor and department head and a minimum GPA of 3.0, a maximum of 30 hours from an accredited doctoral health program may be substituted for electives or major requirements other than BIOL 3023 General Genetics and BIOL 4133 Evolution.

## Other Requirements

- See the College of Arts and Sciences Requirements.
- Minimum GPA 2.00 in all BIOL, MICR, & PBIO courses.
- **Upper-Division Credit:** Total hours must include at least 44 hours in courses numbered 3000 or above.
- **Hours in One Department:** For B.A. and B.S. degrees, no more than 54 hours in one department may be applied to degree requirements.

## College of Arts and Sciences Requirements

### 1. General Education Requirements

No more than two courses (or eight hours) from the major department (<http://catalog.okstate.edu/college-arts-sciences-major-departments/>) may be used to meet General Education and College and Departmental Requirements. The General Education required English Composition, required U.S. History, required American Government, one required MATH or STAT course, and required foreign language for B.A. degrees do not count against the two-course maximum.

### 2. A&S College/Departmental Requirements

- Arts and Humanities are defined as any course carrying an (H) designation or courses from AMST, ART, DANC, ENGL (except ENGL 3323 Technical Writing) HIST, MUSI, PHIL (except PHIL 1313 Logic and Critical Thinking (A), PHIL 3003 Symbolic Logic (A) and PHIL 4003 Mathematical Logic and Computability), REL, TH, and foreign languages.
- Natural and Mathematical Sciences are defined as any course from the following prefixes: ASTR, BIOC, BIOL, CHEM, CS (except CS 4883 Social Issues in Computing), GEOL, MATH, MICR, PBIO,

PHYS, and STAT; or courses from other departments that carry an (A) or (N) general education designation.

- The required six hours of upper-division General Education may not include courses from the student's major department. This requirement may be satisfied by courses also used to satisfy any part of a student's degree program (i.e., in General Education, College Departmental Requirements, Major Requirements or Electives).
- Non-Western Studies Requirement for B.A. and B.F.A.; One 3-hour course in Non-Western Studies (N.W.). This requirement may be satisfied by courses also used to satisfy any part of a student's degree program (i.e., in General Education, College Departmental Requirements, Major Requirements or Electives).
- The College of Arts & Sciences requires a minimum 2.0 GPA in all major requirements and a minimum 2.0 GPA in all major-prefix courses applied to the degree.

### 3. Foreign Language Proficiency

- The foreign language requirement for the B.A. may be satisfied by 9 hours college credit in the same language, which must include 3 hours at the 2000-level, or equivalent proficiency (e.g., passing an advanced standing examination; TOEFL exam; presenting a high school transcript which demonstrates the high school was primarily conducted in a language other than English; etc.). Computer Science courses may not be used to satisfy this requirement. Currently Arabic and Mvskoke are not offered at the 2000-level at OSU.
- The foreign language requirement for the B.S., B.M. and B.F.A. may be satisfied by presenting a high school transcript which demonstrates two years of study of a single foreign language (passing grades at second-year level of study). It may also be satisfied by 6 hours college credit in the same language, which must include language courses 1713 and 1813, or equivalent proficiency (e.g., passing an advanced standing examination; TOEFL exam; presenting a high school transcript which demonstrates the high school was primarily conducted in a language other than English; etc.). Computer Science courses may not be used to satisfy this requirement.
- In addition to a. and b., students pursuing teacher certification must meet novice-high foreign language proficiency by presenting a high school transcript which demonstrates two years of study of a single foreign language with no grade below B. Or, students may complete 3 hours college credit in a single language with no grade below C (or pass an advanced standing examination, College Level Examination Program (CLEP) exam, or Oral Proficiency Interview developed by the American Council on the Teaching of Foreign Languages, equivalent to 3 hours of college credit.) Or, students may meet the requirement by transfer of documentation of meeting the foreign language competency from one of the teacher education programs in the State of Oklahoma approved by the Oklahoma State Regents for Higher Education.

### 4. Exclusions

- Courses used to satisfy the General Education English Composition, U.S. History, American Government, and Mathematics or Statistics requirements will not count toward the 54-hour maximum allowed from one department.
- Courses with ATHL or LEIS prefixes and leisure activity courses may not be used for degree credit.

## Additional State/OSU Requirements

- At least: 60 hours at a four-year institution; 30 hours completed at OSU; 15 of the final 30 or 50% of the upper-division hours in the major field completed at OSU.
- Limit of: one-half of major course requirements as transfer work; one-fourth of hours earned by correspondence; 8 transfer correspondence hours.
- Students will be held responsible for degree requirements in effect at the time of matriculation and any changes that are made, so long as these changes do not result in semester credit hours being added or do not delay graduation.
- Degrees that follow this plan must be completed by the end of Summer 2028.

## Example Plan of Study Finish in Four Plan of Study

The plan below is an example of how students can successfully complete degree requirements in four years. This suggested class schedule plan may be used as a guide and can be adjusted based on individual needs. Students are required to meet with an academic advisor prior to enrollment each semester to plan their class schedule, and students are ultimately responsible for completing all degree requirements.

Course	Title	Hours
<b>Freshman</b>		
<b>Fall</b>		
ENGL 1113	Composition I	3
MATH 1813	Preparation for Calculus (A)	3
BIOL 1113 & BIOL 1111	Introductory Biology (N) and Introductory Biology Laboratory (LN)	4
General Education courses		5
<b>Hours</b>		<b>15</b>
<b>Spring</b>		
ENGL 1213	Composition II	3
CHEM 1314	Chemistry I (LN)	4
BIOL 1604	Animal Biology	4
General Education courses		4
<b>Hours</b>		<b>15</b>
<b>Sophomore</b>		
<b>Fall</b>		
CHEM 1515	Chemistry II (LN)	5
PHYS 1114	College Physics I (LN)	4
MICR 2123	Introduction to Microbiology	3
General Education courses		3
<b>Hours</b>		<b>15</b>
<b>Spring</b>		
BIOL 3034	General Ecology	4
MICR 2132	Introduction to Microbiology Laboratory	2
Upper-division Core (BIOL, MICR, or P BIO)		3
General Education courses		6
<b>Hours</b>		<b>15</b>
<b>Junior</b>		
<b>Fall</b>		
STAT 4013	Statistical Methods I (A)	3
PHYS 1214	College Physics II (LN)	4
CHEM 3013	Survey of Organic Chemistry	3
Major, College, and Elective courses		5
<b>Hours</b>		<b>15</b>

<b>Spring</b>		
CHEM 3012	Survey of Organic Chemistry Laboratory	2
BIOL 3204 or P BIO 4463	Physiology or Plant Physiology	4
MICR 3033	Cell and Molecular Biology	3
Major, College, and Elective courses		6
<b>Hours</b>		<b>15</b>
<b>Senior</b>		
<b>Fall</b>		
BIOL 3023	General Genetics	3
Upper-division Core (BIOL, MICR, or P BIO)		3
Major, College, and Elective courses		9
<b>Hours</b>		<b>15</b>
<b>Spring</b>		
BIOL 4133	Evolution	3
Upper-division Core (BIOL, MICR, or P BIO)		3
Major, College, and Elective courses		9
<b>Hours</b>		<b>15</b>
<b>Total Hours</b>		<b>120</b>

1

Speak with academic advisor about saving General Education electives and Humanities (H) for Upper-division courses with International (I) and Diversity (D) dimensions.

## Biology: Allied Health, BS

### Degree Requirements

**Requirements for Students Matriculating in or before Academic Year 2022-2023.** Learn more about University Academic Regulation 3.1 (p. 943).

**Minimum Overall Grade Point Average: 2.00**

**Total Hours: 120**

Code	Title	Hours
<b>General Education Requirements</b>		
<i>English Composition</i>		
See Academic Regulation 3.5 (p. 944)		
ENGL 1113 or ENGL 1313	Composition I Critical Analysis and Writing I	3
Select one of the following:		3
ENGL 1213	Composition II	
ENGL 1413	Critical Analysis and Writing II	
ENGL 3323	Technical Writing	
<i>American History &amp; Government</i>		
HIST 1103 or HIST 1483 or HIST 1493	Survey of American History American History to 1865 (H) American History Since 1865 (DH)	3
POLS 1113	American Government	3
<i>Analytical &amp; Quantitative Thought (A)</i>		
MATH 1813 or MATH 1613	Preparation for Calculus (A) (or higher) <sup>1</sup> Trigonometry (A)	3
STAT 4013 or STAT 2013	Statistical Methods I (A) <sup>1</sup> Elementary Statistics (A)	3
<i>Humanities (H)</i>		
Courses designated (H)		6
<i>Natural Sciences (N)</i>		
Must include one Laboratory Science (L) course		
PHYS 1114 or PHYS 2014	College Physics I (LN) <sup>1</sup> University Physics I (LN)	4
PHYS 1214 or PHYS 2114	College Physics II (LN) <sup>1</sup> University Physics II (LN)	4
<i>Social &amp; Behavioral Sciences (S)</i>		
Course designated (S)		3
<i>Additional General Education</i>		
Courses designated (A), (H), (N), or (S)		6
<b>Hours Subtotal</b>		<b>41</b>
<b>Diversity (D) &amp; International Dimension (I)</b>		
May be completed in any part of the degree plan		
Select at least one Diversity (D) course		
Select at least one International Dimension (I) course		
<b>College/Departmental Requirements</b>		
<i>First Year Seminar</i>		
(Transfer students with 15 hours exempt)		1
<i>Arts &amp; Humanities</i>		
See note 2.a.		3
<i>Natural &amp; Mathematical Sciences</i>		

CHEM 1314	Chemistry I (LN)	4
CHEM 1515	Chemistry II (LN)	5
<i>Foreign Language</i>		
See note 3		
0-6 hours		
<i>Upper-Division General Education</i>		
Select 6 hours outside major department		
See note 2.c.		
<b>Hours Subtotal</b>		<b>13</b>
<b>Major Requirements<sup>2</sup></b>		
Minimum GPA 2.50 in Major Requirements OR minimum grade of "C" in each course.		
<i>Core Courses</i>		
BIOL 1113 & BIOL 1111 or BIOL 1114	Introductory Biology (N) and Introductory Biology Laboratory (LN) Introductory Biology (LN)	4
BIOL 1604	Animal Biology	4
BIOL 3023	General Genetics <sup>2</sup>	3
BIOL 3034	General Ecology	4
BIOL 4133	Evolution <sup>2</sup>	3
MICR 2123	Introduction to Microbiology	3
MICR 2132	Introduction to Microbiology Laboratory	2
MICR 3033	Cell and Molecular Biology	3
PBIO 1404	Plant Biology (LN)	4
Select 6 hours upper-division coursework from: BIOL, MICR, PBIO (excluding general education courses).		
<i>Related Courses</i>		
BIOL 3204	Physiology	4
BIOL 3214	Human Anatomy	4
CHEM 3013 & CHEM 3012	Survey of Organic Chemistry and Survey of Organic Chemistry Laboratory	5
Select two of the following from different prefixes:		6
BIOC 3653	Survey of Biochemistry	
BIOL 3233	Human Reproduction	
BIOL 4134	Embryology	
BIOL 4253	Pharmacology	
BIOL 4283	Endocrinology	
BIOL 4363	Principles of Toxicology	
BIOL 4524	Biological Laboratory Instrumentation	
HLTH 3113	Health Issues in Diverse Populations (D)	
HHP 3114	Physiology of Exercise	
HHP 4063	Neuroanatomy	
HIST 3913	History of Medicine (H)	
MICR 3223	Advanced Microbiology	
MICR 3253	Immunology	
MICR 4053	Pathogenic Microbiology	
NSCI 4123	Human Nutrition and Metabolism I	
NSCI 4143	Human Nutrition and Metabolism II	
PBIO 4013	Biological Microtechnique	
PSYC 3443	Abnormal Psychology (S)	
PSYC 4263	Affective Neuroscience	
<b>Hours Subtotal</b>		<b>55</b>

**Electives**<sup>2</sup>

Select 11 hours	11
MATH 1513 required for students who do not place directly into MATH 1813 (or MATH 1613).	
May need to include 6 hours of a foreign language (see note 3).	
May need to include 6 hours upper-division general education outside major department (see note 2.c.) and 6 additional upper-division hours.	
PSYC 1113 Recommended.	
<b>Hours Subtotal</b>	<b>11</b>
<b>Total Hours</b>	<b>120</b>

1

College and Departmental Requirements that may be used to meet General Education Requirements.

2

With approval from the advisor and department head and a minimum GPA of 3.0, a maximum of 30 hours from an accredited doctoral health program may be substituted for electives or major requirements other than BIOL 3023 General Genetics and BIOL 4133 Evolution.

Additional requirements for professional school admission exist. View Admission Requirement Sheets at [prehealth.okstate.edu](http://prehealth.okstate.edu) (<http://prehealth.okstate.edu>).

## Other Requirements

- See the College of Arts and Sciences Requirements.
- Minimum GPA 2.00 in all BIOL, MICR & P BIO courses.
- **Upper-Division Credit:** Total hours must include at least 44 hours in courses numbered 3000 or above.
- **Hours in One Department:** For B.A. and B.S. degrees, no more than 54 hours in one department may be applied to degree requirements.

## College of Arts and Sciences Requirements

### 1. General Education Requirements

No more than two courses (or eight hours) from the major department (<http://catalog.okstate.edu/college-arts-sciences-major-departments/>) may be used to meet General Education and College and Departmental Requirements. The General Education required English Composition, required U.S. History, required American Government, one required MATH or STAT course, and required foreign language for B.A. degrees do not count against the two-course maximum.

### 2. A&S College/Departmental Requirements

- Arts and Humanities are defined as any course carrying an (H) designation or courses from AMST, ART, DANC, ENGL (except ENGL 3323 Technical Writing) HIST, MUSI, PHIL (except PHIL 1313 Logic and Critical Thinking (A), PHIL 3003 Symbolic Logic (A) and PHIL 4003 Mathematical Logic and Computability), REL, TH, and foreign languages.
- Natural and Mathematical Sciences are defined as any course from the following prefixes: ASTR, BIOC, BIOL, CHEM, CS (except CS 4883 Social Issues in Computing), GEOL, MATH, MICR, P BIO, PHYS, and STAT; or courses from other departments that carry an (A) or (N) general education designation.

- The required six hours of upper-division General Education may not include courses from the student's major department. This requirement may be satisfied by courses also used to satisfy any part of a student's degree program (i.e., in General Education, College Departmental Requirements, Major Requirements or Electives).
- Non-Western Studies Requirement for B.A. and B.F.A.; One 3-hour course in Non-Western Studies (N.W.). This requirement may be satisfied by courses also used to satisfy any part of a student's degree program (i.e., in General Education, College Departmental Requirements, Major Requirements or Electives).
- The College of Arts & Sciences requires a minimum 2.0 GPA in all major requirements and a minimum 2.0 GPA in all major-prefix courses applied to the degree.

### 3. Foreign Language Proficiency

- The foreign language requirement for the B.A. may be satisfied by 9 hours college credit in the same language, which must include 3 hours at the 2000-level, or equivalent proficiency (e.g., passing an advanced standing examination; TOEFL exam; presenting a high school transcript which demonstrates the high school was primarily conducted in a language other than English; etc.). Computer Science courses may not be used to satisfy this requirement. Currently Arabic and Mvskoke are not offered at the 2000-level at OSU.
- The foreign language requirement for the B.S., B.M. and B.F.A. may be satisfied by presenting a high school transcript which demonstrates two years of study of a single foreign language (passing grades at second-year level of study). It may also be satisfied by 6 hours college credit in the same language, which must include language courses 1713 and 1813, or equivalent proficiency (e.g., passing an advanced standing examination; TOEFL exam; presenting a high school transcript which demonstrates the high school was primarily conducted in a language other than English; etc.). Computer Science courses may not be used to satisfy this requirement.
- In addition to a. and b., students pursuing teacher certification must meet novice-high foreign language proficiency by presenting a high school transcript which demonstrates two years of study of a single foreign language with no grade below B. Or, students may complete 3 hours college credit in a single language with no grade below C (or pass an advanced standing examination, College Level Examination Program (CLEP) exam, or Oral Proficiency Interview developed by the American Council on the Teaching of Foreign Languages, equivalent to 3 hours of college credit.) Or, students may meet the requirement by transfer of documentation of meeting the foreign language competency from one of the teacher education programs in the State of Oklahoma approved by the Oklahoma State Regents for Higher Education.

### 4. Exclusions

- Courses used to satisfy the General Education English Composition, U.S. History, American Government, and Mathematics or Statistics requirements will not count toward the 54-hour maximum allowed from one department.
- Courses with ATHL or LEIS prefixes and leisure activity courses may not be used for degree credit.



## Additional State/OSU Requirements

- At least: 60 hours at a four-year institution; 30 hours completed at OSU; 15 of the final 30 or 50% of the upper-division hours in the major field completed at OSU.
- Limit of: one-half of major course requirements as transfer work; one-fourth of hours earned by correspondence; 8 transfer correspondence hours.
- Students will be held responsible for degree requirements in effect at the time of matriculation and any changes that are made, so long as these changes do not result in semester credit hours being added or do not delay graduation.
- Degrees that follow this plan must be completed by the end of Summer 2028.

## Example Plan of Study

### Finish in Four Plan of Study

The plan below is an **example** of how students can successfully complete degree requirements in four years. This suggested class schedule plan may be used as a guide and can be adjusted based on individual needs. Students are required to meet with an academic advisor prior to enrollment each semester to plan their class schedule, and students are ultimately responsible for completing all degree requirements.

Course	Title	Hours
<b>Freshman</b>		
<b>Fall</b>		
ENGL 1113 or ENGL 1313	Composition I or Critical Analysis and Writing I	3
MATH 1813	Preparation for Calculus (A)	3
CHEM 1314	Chemistry I (LN)	4
General Education and College requirements		5
<b>Hours</b>		<b>15</b>
<b>Spring</b>		
ENGL 1213 or ENGL 1413	Composition II or Critical Analysis and Writing II	3
BIOL 1113 & BIOL 1111	Introductory Biology (N) and Introductory Biology Laboratory (LN)	4
CHEM 1515	Chemistry II (LN)	5
General Education courses		3
<b>Hours</b>		<b>15</b>
<b>Sophomore</b>		
<b>Fall</b>		
BIOL 1604	Animal Biology	4
CHEM 3013	Survey of Organic Chemistry	3
CHEM 3012	Survey of Organic Chemistry Laboratory	2
General Education courses		6
<b>Hours</b>		<b>15</b>
<b>Spring</b>		
MICR 2123	Introduction to Microbiology	3
MICR 2132	Introduction to Microbiology Laboratory	2
PHYS 1114	College Physics I (LN)	4
STAT 4013 or STAT 2013	Statistical Methods I (A) or Elementary Statistics (A)	3
General Education courses		3
<b>Hours</b>		<b>15</b>
<b>Junior</b>		
<b>Fall</b>		
BIOL 3204	Physiology	4
PHYS 1214	College Physics II (LN)	4

Major and Elective courses		7
<b>Hours</b>		<b>15</b>
<b>Spring</b>		
BIOL 3214	Human Anatomy	4
MICR 3033	Cell and Molecular Biology	3
Major and Elective courses		8
<b>Hours</b>		<b>15</b>
<b>Senior</b>		
<b>Fall</b>		
BIOL 3023	General Genetics	3
PBIO 1404	Plant Biology (LN)	4
General Education, Major, and Elective courses		8
<b>Hours</b>		<b>15</b>
<b>Spring</b>		
BIOL 4133	Evolution	3
BIOL 3034	General Ecology	4
Major, College, and Elective courses		8
<b>Hours</b>		<b>15</b>
<b>Total Hours</b>		<b>120</b>

# Biology: Environmental Biology, BS

## Degree Requirements

**Requirements for Students Matriculating in or before Academic Year 2022-2023.** Learn more about University Academic Regulation 3.1 (p. 943).

**Minimum Overall Grade Point Average: 2.00**

**Total Hours: 120**

Code	Title	Hours
<b>General Education Requirements</b>		
<i>English Composition</i>		
See Academic Regulation 3.5 (p. 944)		
ENGL 1113	Composition I	3
or ENGL 1313	Critical Analysis and Writing I	
Select one of the following:		3
ENGL 1213	Composition II	
ENGL 1413	Critical Analysis and Writing II	
ENGL 3323	Technical Writing	
<i>American History &amp; Government</i>		
HIST 1103	Survey of American History	3
or HIST 1483	American History to 1865 (H)	
or HIST 1493	American History Since 1865 (DH)	
POLS 1113	American Government	3
<i>Analytical &amp; Quantitative Thought (A)</i>		
MATH 1813	Preparation for Calculus (A) (or higher) <sup>1</sup>	3
or MATH 1613	Trigonometry (A)	
STAT 4013	Statistical Methods I (A) <sup>1</sup>	3
or STAT 2013	Elementary Statistics (A)	
<i>Humanities (H)</i>		
Courses designated (H)		6
<i>Natural Sciences (N)</i>		
Must include one Laboratory Science (L) course		
PHYS 1114	College Physics I (LN) <sup>1</sup>	4
or PHYS 2014	University Physics I (LN)	
PHYS 1214	College Physics II (LN) <sup>1</sup>	4
or PHYS 2114	University Physics II (LN)	
<i>Social &amp; Behavioral Sciences (S)</i>		
Course designated (S)		3
<i>Additional General Education</i>		
Courses designated (A), (H), (N), or (S)		6
<b>Hours Subtotal</b>		<b>41</b>
<b>Diversity (D) &amp; International Dimension (I)</b>		
May be completed in any part of the degree plan		
Select at least one Diversity (D) course		
Select at least one International Dimension (I) course		
<b>College/Departmental Requirements</b>		
<i>First Year Seminar</i>		
(Transfer students with 15 hours exempt)		1
<i>Arts &amp; Humanities</i>		
See note 2.a.		3
<i>Natural &amp; Mathematical Sciences</i>		

CHEM 1314	Chemistry I (LN)	4
CHEM 1515	Chemistry II (LN)	5
<i>Foreign Language</i>		
See note 3		
0-6 hours		
<i>Upper-Division General Education</i>		
Select 6 hours outside major department		
See note 2.c.		
<b>Hours Subtotal</b>		<b>13</b>
<b>Major Requirements <sup>2</sup></b>		
Minimum GPA 2.50 in Major Requirements OR minimum grade of "C" in each course.		
<i>Core Courses</i>		
BIOL 1113	Introductory Biology (N)	4
& BIOL 1111	and Introductory Biology Laboratory (LN)	
or BIOL 1114	Introductory Biology (LN)	
BIOL 1604	Animal Biology	4
BIOL 3023	General Genetics <sup>2</sup>	3
BIOL 3034	General Ecology	4
BIOL 4133	Evolution <sup>2</sup>	3
MICR 2123	Introduction to Microbiology	3
MICR 2132	Introduction to Microbiology Laboratory	2
MICR 3033	Cell and Molecular Biology	3
PBIO 1404	Plant Biology (LN)	4
Select 6 hours of upper-division coursework from: BIOL, MICR, PBIO (excluding general education courses)		6
<i>Related Courses</i>		
BIOL 3163	Environmental Biology	3
Physiology, choose from:		4
BIOL 3204	Physiology (or)	
PBIO 4462	Plant Physiology Laboratory	
& PBIO 4463	and Plant Physiology	
Organic Chemistry, choose from:		5
CHEM 3013	Survey of Organic Chemistry	
& CHEM 3012	and Survey of Organic Chemistry Laboratory	
CHEM 3053	Organic Chemistry I	
& CHEM 3112	and Organic Chemistry Laboratory	
& CHEM 3153	and Organic Chemistry II	
Select two of the following:		6
BIOL 3513	Principles of Conservation Biology	
BIOL 4273	Environmental Physiology	
BIOL 4303	Organismal Ecotoxicology	
BIOL 4363	Principles of Toxicology	
BIOL 4434	Limnology	
GEOG 3023	Climatology (N)	
GEOG 3153	Conservation of Natural Resources (S)	
GEOG 4053	Biogeography	
GEOG 4073	Climate Change: Past, Present, and Future	
GEOL 3503	Environmental Geology (N)	
GEOL 4503	Introduction to Oceanography (N)	
NREM 4033	Ecology Of Invasive Species	
NREM 4443	Watershed Hydrology and Water Quality	

NREM 4523	Wildlife Management Techniques
PBIO 4005	Field Botany
SOC 4433	Environmental Sociology (S)
<b>Hours Subtotal</b>	<b>54</b>
<b>Electives<sup>2</sup></b>	
Select 12 hours	12
MATH 1513 required for students who do not place directly into MATH 1813 (or MATH 1613).	
May need to include 6 hours of a foreign language. (see note 3.)	
May need to include 6 hours upper-division general education outside major department (see note 2.c.) and 7 additional upper-division hours.	
<b>Hours Subtotal</b>	<b>12</b>
<b>Total Hours</b>	<b>120</b>

1

College and Departmental Requirements that may be used to meet General Education Requirements

2

With approval from the advisor and department head and a minimum GPA of 3.0, a maximum of 30 hours from an accredited doctoral health program may be substituted for electives or major requirements other than BIOL 3023 General Genetics and BIOL 4133 Evolution

## Other Requirements

- See the College of Arts and Sciences Requirements.
- Minimum GPA 2.00 in all BIOL, MICR & PBIO courses.
- **Upper-Division Credit:** Total hours must include at least 44 hours in courses numbered 3000 or above.
- **Hours in One Department:** For B.A. and B.S. degrees, no more than 54 hours in one department may be applied to degree requirements.

## College of Arts and Sciences Requirements

### 1. General Education Requirements

No more than two courses (or eight hours) from the major department (<http://catalog.okstate.edu/college-arts-sciences-major-departments/>) may be used to meet General Education and College and Departmental Requirements. The General Education required English Composition, required U.S. History, required American Government, one required MATH or STAT course, and required foreign language for B.A. degrees do not count against the two-course maximum.

### 2. A&S College/Departmental Requirements

- Arts and Humanities are defined as any course carrying an (H) designation or courses from AMST, ART, DANC, ENGL (except ENGL 3323 Technical Writing) HIST, MUSI, PHIL (except PHIL 1313 Logic and Critical Thinking (A), PHIL 3003 Symbolic Logic (A) and PHIL 4003 Mathematical Logic and Computability), REL, TH, and foreign languages.
- Natural and Mathematical Sciences are defined as any course from the following prefixes: ASTR, BIOC, BIOL, CHEM, CS (except CS 4883 Social Issues in Computing), GEOL, MATH, MICR, PBIO, PHYS, and STAT; or courses from other departments that carry an (A) or (N) general education designation.
- The required six hours of upper-division General Education may not include courses from the student's major department. This

requirement may be satisfied by courses also used to satisfy any part of a student's degree program (i.e., in General Education, College Departmental Requirements, Major Requirements or Electives).

- Non-Western Studies Requirement for B.A. and B.F.A.; One 3-hour course in Non-Western Studies (N.W.). This requirement may be satisfied by courses also used to satisfy any part of a student's degree program (i.e., in General Education, College Departmental Requirements, Major Requirements or Electives).
  - The College of Arts & Sciences requires a minimum 2.0 GPA in all major requirements and a minimum 2.0 GPA in all major-prefix courses applied to the degree.
- ### 3. Foreign Language Proficiency
- The foreign language requirement for the B.A. may be satisfied by 9 hours college credit in the same language, which must include 3 hours at the 2000-level, or equivalent proficiency (e.g., passing an advanced standing examination; TOEFL exam; presenting a high school transcript which demonstrates the high school was primarily conducted in a language other than English; etc.). Computer Science courses may not be used to satisfy this requirement. Currently Arabic and Mvskoke are not offered at the 2000-level at OSU.
  - The foreign language requirement for the B.S., B.M. and B.F.A. may be satisfied by presenting a high school transcript which demonstrates two years of study of a single foreign language (passing grades at second-year level of study). It may also be satisfied by 6 hours college credit in the same language, which must include language courses 1713 and 1813, or equivalent proficiency (e.g., passing an advanced standing examination; TOEFL exam; presenting a high school transcript which demonstrates the high school was primarily conducted in a language other than English; etc.). Computer Science courses may not be used to satisfy this requirement.
  - In addition to a. and b., students pursuing teacher certification must meet novice-high foreign language proficiency by presenting a high school transcript which demonstrates two years of study of a single foreign language with no grade below B. Or, students may complete 3 hours college credit in a single language with no grade below C (or pass an advanced standing examination, College Level Examination Program (CLEP) exam, or Oral Proficiency Interview developed by the American Council on the Teaching of Foreign Languages, equivalent to 3 hours of college credit.) Or, students may meet the requirement by transfer of documentation of meeting the foreign language competency from one of the teacher education programs in the State of Oklahoma approved by the Oklahoma State Regents for Higher Education.
- ### 4. Exclusions
- Courses used to satisfy the General Education English Composition, U.S. History, American Government, and Mathematics or Statistics requirements will not count toward the 54-hour maximum allowed from one department.
  - Courses with ATHL or LEIS prefixes and leisure activity courses may not be used for degree credit.

## Additional State/OSU Requirements

- At least: 60 hours at a four-year institution; 30 hours completed at OSU; 15 of the final 30 or 50% of the upper-division hours in the major field completed at OSU.

- Limit of: one-half of major course requirements as transfer work; one-fourth of hours earned by correspondence; 8 transfer correspondence hours.
- Students will be held responsible for degree requirements in effect at the time of matriculation and any changes that are made, so long as these changes do not result in semester credit hours being added or do not delay graduation.
- Degrees that follow this plan must be completed by the end of Summer 2028.

## Example Plan of Study

### Finish in Four Plan of Study

The plan below is an **example** of how students can successfully complete degree requirements in four years. This suggested class schedule plan may be used as a guide and can be adjusted based on individual needs. Students are required to meet with an academic advisor prior to enrollment each semester to plan their class schedule, and students are ultimately responsible for completing all degree requirements.

Course	Title	Hours
<b>Freshman</b>		
<b>Fall</b>		
ENGL 1113 or ENGL 1313	Composition I or Critical Analysis and Writing I	3
BIOL 1113 & BIOL 1111	Introductory Biology (N) and Introductory Biology Laboratory (LN)	4
MATH 1813	Preparation for Calculus (A)	3
General Education and College requirements		5
<b>Hours</b>		<b>15</b>
<b>Spring</b>		
ENGL 1213 or ENGL 1413	Composition II or Critical Analysis and Writing II	3
BIOL 1604	Animal Biology	4
CHEM 1314	Chemistry I (LN)	4
General Education courses		4
<b>Hours</b>		<b>15</b>
<b>Sophomore</b>		
<b>Fall</b>		
CHEM 1515	Chemistry II (LN)	5
PBIO 1404	Plant Biology (LN)	4
STAT 2013 or STAT 4013	Elementary Statistics (A) or Statistical Methods I (A)	3
General Education courses		3
<b>Hours</b>		<b>15</b>
<b>Spring</b>		
BIOL 3034	General Ecology	4
BIOL 3163	Environmental Biology	3
CHEM 3013 or CHEM 3053	Survey of Organic Chemistry or Organic Chemistry I	3
MICR 2123	Introduction to Microbiology	3
General Education courses		2
<b>Hours</b>		<b>15</b>
<b>Junior</b>		
<b>Fall</b>		
MICR 2132	Introduction to Microbiology Laboratory	2
CHEM 3012 or CHEM 3112	Survey of Organic Chemistry Laboratory or Organic Chemistry Laboratory	2
Major, College, and Elective courses		11
<b>Hours</b>		<b>15</b>
<b>Spring</b>		
PHYS 1114	College Physics I (LN)	4

MICR 3033	Cell and Molecular Biology	3
BIOL 3204 or PBIO 4463	Physiology or Plant Physiology	4
(PBIO 4462 if PBIO 4463 is selected)		
Major and Elective courses		4
<b>Hours</b>		<b>15</b>
<b>Senior</b>		
<b>Fall</b>		
BIOL 3023	General Genetics	3
PHYS 1214	College Physics II (LN)	4
General Education and Elective courses		8
<b>Hours</b>		<b>15</b>
<b>Spring</b>		
BIOL 4133	Evolution	3
Major, College, and Elective courses		12
<b>Hours</b>		<b>15</b>
<b>Total Hours</b>		<b>120</b>

# Biology: Pre-Medical Sciences, BS

## Degree Requirements

**Requirements for Students Matriculating in or before Academic Year 2022-2023.** Learn more about University Academic Regulation 3.1 (p. 943).

**Minimum Overall Grade Point Average: 2.00**

**Total Hours: 120**

Code	Title	Hours
<b>General Education Requirements</b>		
<i>English Composition</i>		
See Academic Regulation 3.5 (p. 944)		
ENGL 1113	Composition I	3
or ENGL 1313	Critical Analysis and Writing I	
ENGL 1213	Composition II	3
or ENGL 1413	Critical Analysis and Writing II	
or ENGL 3323	Technical Writing	
<i>American History &amp; Government</i>		
HIST 1103	Survey of American History	3
or HIST 1483	American History to 1865 (H)	
or HIST 1493	American History Since 1865 (DH)	
POLS 1113	American Government	3
<i>Analytical &amp; Quantitative Thought (A)</i>		
MATH 1813	Preparation for Calculus (A) (or higher) <sup>1</sup>	3
or MATH 1613	Trigonometry (A)	
STAT 4013	Statistical Methods I (A) <sup>1</sup>	3
or STAT 2013	Elementary Statistics (A)	
<i>Humanities (H)</i>		
Courses designated (H)		6
<i>Natural Sciences (N)</i>		
Must include one Laboratory Science (L) course.		
PHYS 1114	College Physics I (LN) <sup>1</sup>	4
or PHYS 2014	University Physics I (LN)	
PHYS 1214	College Physics II (LN) <sup>1</sup>	4
or PHYS 2114	University Physics II (LN)	
<i>Social &amp; Behavioral Sciences (S)</i>		
Course designated (S)		3
<i>Additional General Education</i>		
Courses designated (A), (H), (N), or (S)		6
<b>Hours Subtotal</b>		<b>41</b>
<b>Diversity (D) &amp; International Dimension (I)</b>		
May be completed in any part of the degree plan.		
At least one Diversity (D) course		
At least one International Dimension (I) course		
<b>College/Departmental Requirements</b>		
<i>First Year Seminar</i>		
(Transfer students with 15 hours exempt)		1
<i>Arts &amp; Humanities</i>		
(See note 2.a.)		3
<i>Natural &amp; Mathematical Sciences</i>		
CHEM 1314	Chemistry I (LN)	4

CHEM 1515	Chemistry II (LN)	5
<i>Foreign Languages</i>		
(See note 3.)		0
0-6 hours		
<i>Upper-Division General Education</i>		
6 hours outside major department		
(See note 2.c.)		
<b>Hours Subtotal</b>		<b>13</b>
<b>Major Requirements <sup>2</sup></b>		
Minimum GPA 2.50 in Major Requirements OR minimum grade of "C" in each course.		
<i>Core Courses:</i>		
BIOL 1113	Introductory Biology (N)	4
& BIOL 1111	and Introductory Biology Laboratory (LN)	
or BIOL 1114	Introductory Biology (LN)	
BIOL 1604	Animal Biology	4
BIOL 3023	General Genetics <sup>2</sup>	3
BIOL 3034	General Ecology	4
BIOL 4133	Evolution <sup>2</sup>	3
MICR 2123	Introduction to Microbiology	3
MICR 2132	Introduction to Microbiology Laboratory	2
MICR 3033	Cell and Molecular Biology	3
PBIO 1404	Plant Biology (LN)	4
6 hours upper-division coursework from BIOL, MICR, PBIO (excluding general education courses)		6
<i>Related Courses:</i>		
BIOL 3204	Physiology	4
CHEM 3053	Organic Chemistry I	3
CHEM 3112	Organic Chemistry Laboratory	2
CHEM 3153	Organic Chemistry II	3
Choose two of the following:		6
BIOC 3653	Survey of Biochemistry	
BIOL 3233	Human Reproduction	
BIOL 4024	Histology	
BIOL 4104	General Parasitology	
BIOL 4134	Embryology	
BIOL 4253	Pharmacology	
BIOL 4283	Endocrinology	
BIOL 4363	Principles of Toxicology	
MICR 3223	Advanced Microbiology	
MICR 3253	Immunology	
MICR 4423	Antibiotics and Antibiotic Resistance	
<i>Supplemental Courses:</i>		
3 hours upper-division coursework from the following (no more than 3 hours of general education in the natural sciences):		3
ENGL 3323	Technical Writing	
HLTH 3113	Health Issues in Diverse Populations (D)	
HHP 4063	Neuroanatomy	
HIST 3913	History of Medicine (H)	
PHIL 3833	Biomedical Ethics (H)	
PSYC 3443	Abnormal Psychology (S)	
PSYC 3073	Neurobiological Psychology (N)	
PSYC 4263	Affective Neuroscience	

SOC 4153	Sociology of Health and Illness
Or from BIOC, CHEM, ENVR, GEOG, GEOL, MATH, PHYS, and STAT	
<b>Hours Subtotal</b>	<b>57</b>
<b>Electives</b>	
Select 9 hours	9
MATH 1513 required for students who do not place directly into MATH 1813 (or MATH 1613).	
May need to include 6 hours of a foreign language (see note 3).	
May need to include 6 hours upper-division general education outside major department (see note 2.c.) and 4 additional upper-division hours.	
<b>Hours Subtotal</b>	<b>9</b>
<b>Total Hours</b>	<b>120</b>

1

College and Departmental Requirements that may be used to meet General Education Requirements.

2

With approval from the advisor and department head and a minimum GPA of 3.0, a maximum of 30 hours from an accredited doctoral health program may be substituted for electives or major requirements other than BIOL 3023 General Genetics and BIOL 4133 Evolution.

## Other Requirements

- See the College of Arts and Sciences Requirements.
- Minimum GPA 2.00 in all BIOL, MICR & PBIO courses.
- **Upper-Division Credit:** Total hours must include at least 48 hours in courses numbered 3000 or above.
- **Hours in One Department:** For B.A. and B.S. degrees, no more than 54 hours in one department may be applied to degree requirements.

## College of Arts and Sciences Requirements

### 1. General Education Requirements

No more than two courses (or eight hours) from the major department (<http://catalog.okstate.edu/college-arts-sciences-major-departments/>) may be used to meet General Education and College and Departmental Requirements. The General Education required English Composition, required U.S. History, required American Government, one required MATH or STAT course, and required foreign language for B.A. degrees do not count against the two-course maximum.

### 2. A&S College/Departmental Requirements

- Arts and Humanities are defined as any course carrying an (H) designation or courses from AMST, ART, DANC, ENGL (except ENGL 3323 Technical Writing) HIST, MUSI, PHIL (except PHIL 1313 Logic and Critical Thinking (A), PHIL 3003 Symbolic Logic (A) and PHIL 4003 Mathematical Logic and Computability), REL, TH, and foreign languages.
- Natural and Mathematical Sciences are defined as any course from the following prefixes: ASTR, BIOC, BIOL, CHEM, CS (except CS 4883 Social Issues in Computing), GEOL, MATH, MICR, PBIO, PHYS, and STAT; or courses from other departments that carry an (A) or (N) general education designation.
- The required six hours of upper-division General Education may not include courses from the student's major department. This

requirement may be satisfied by courses also used to satisfy any part of a student's degree program (i.e., in General Education, College Departmental Requirements, Major Requirements or Electives).

- Non-Western Studies Requirement for B.A. and B.F.A.; One 3-hour course in Non-Western Studies (N.W.). This requirement may be satisfied by courses also used to satisfy any part of a student's degree program (i.e., in General Education, College Departmental Requirements, Major Requirements or Electives).
  - The College of Arts & Sciences requires a minimum 2.0 GPA in all major requirements and a minimum 2.0 GPA in all major-prefix courses applied to the degree.
- ### 3. Foreign Language Proficiency
- The foreign language requirement for the B.A. may be satisfied by 9 hours college credit in the same language, which must include 3 hours at the 2000-level, or equivalent proficiency (e.g., passing an advanced standing examination; TOEFL exam; presenting a high school transcript which demonstrates the high school was primarily conducted in a language other than English; etc.). Computer Science courses may not be used to satisfy this requirement. Currently Arabic and Mvskoke are not offered at the 2000-level at OSU.
  - The foreign language requirement for the B.S., B.M. and B.F.A. may be satisfied by presenting a high school transcript which demonstrates two years of study of a single foreign language (passing grades at second-year level of study). It may also be satisfied by 6 hours college credit in the same language, which must include language courses 1713 and 1813, or equivalent proficiency (e.g., passing an advanced standing examination; TOEFL exam; presenting a high school transcript which demonstrates the high school was primarily conducted in a language other than English; etc.). Computer Science courses may not be used to satisfy this requirement.
  - In addition to a. and b., students pursuing teacher certification must meet novice-high foreign language proficiency by presenting a high school transcript which demonstrates two years of study of a single foreign language with no grade below B. Or, students may complete 3 hours college credit in a single language with no grade below C (or pass an advanced standing examination, College Level Examination Program (CLEP) exam, or Oral Proficiency Interview developed by the American Council on the Teaching of Foreign Languages, equivalent to 3 hours of college credit.) Or, students may meet the requirement by transfer of documentation of meeting the foreign language competency from one of the teacher education programs in the State of Oklahoma approved by the Oklahoma State Regents for Higher Education.
- ### 4. Exclusions
- Courses used to satisfy the General Education English Composition, U.S. History, American Government, and Mathematics or Statistics requirements will not count toward the 54-hour maximum allowed from one department.
  - Courses with ATHL or LEIS prefixes and leisure activity courses may not be used for degree credit.

## Additional State/OSU Requirements

- At least: 60 hours at a four-year institution; 30 hours completed at OSU; 15 of the final 30 or 50% of the upper-division hours in the major field completed at OSU.



- Limit of: one-half of major course requirements as transfer work; one-fourth of hours earned by correspondence; 8 transfer correspondence hours.
- Students will be held responsible for degree requirements in effect at the time of matriculation and any changes that are made, so long as these changes do not result in semester credit hours being added or do not delay graduation.
- Degrees that follow this plan must be completed by the end of Summer 2028.

## Example Plan of Study Finish in Four Plan of Study

The plan below is an example of how students can successfully complete degree requirements in four years. This suggested class schedule plan may be used as a guide and can be adjusted based on individual needs. Students are required to meet with an academic advisor prior to enrollment each semester to plan their class schedule, and students are ultimately responsible for completing all degree requirements.

Course	Title	Hours
<b>Freshman</b>		
<b>Fall</b>		
A&S 1111	A&S First Year Seminar	1
ENGL 1113	Composition I	3
MATH 1813	Preparation for Calculus (A)	3
CHEM 1314	Chemistry I (LN)	4
UNIV 2511	Introduction to Health Careers (Suggested)	1
General Education course		3
<b>Hours</b>		<b>15</b>
<b>Spring</b>		
ENGL 1213	Composition II	3
BIOL 1113 & BIOL 1111	Introductory Biology (N) and Introductory Biology Laboratory (LN)	4
CHEM 1515	Chemistry II (LN)	5
STAT 2013 or STAT 4013	Elementary Statistics (A) or Statistical Methods I (A)	3
<b>Hours</b>		<b>15</b>
<b>Sophomore</b>		
<b>Fall</b>		
BIOL 1604	Animal Biology	4
CHEM 3053	Organic Chemistry I	3
MICR 2123	Introduction to Microbiology	3
General Education courses		6
<b>Hours</b>		<b>16</b>
<b>Spring</b>		
CHEM 3153	Organic Chemistry II	3
CHEM 3112	Organic Chemistry Laboratory	2
MICR 2132	Introduction to Microbiology Laboratory	2
General Education and Elective courses		7
UNIV 2611	Health Portfolio and Self-Development (Suggested)	1
<b>Hours</b>		<b>15</b>
<b>Junior</b>		
<b>Fall</b>		
BIOL 3204	Physiology	4
PHYS 1114	College Physics I (LN)	4
BIOC 3653	Survey of Biochemistry	3
MICR 3033	Cell and Molecular Biology	3
Elective courses (UNIV 3511 suggested)		1
<b>Hours</b>		<b>15</b>
<b>Spring</b>		
PHYS 1214	College Physics II (LN)	4

Major, College, and Elective courses		11
<b>Hours</b>		<b>15</b>
<b>Senior</b>		
<b>Fall</b>		
BIOL 3023	General Genetics	3
PBIO 1404	Plant Biology (LN)	4
Major, College, and Elective courses		9
<b>Hours</b>		<b>16</b>
<b>Spring</b>		
BIOL 3034	General Ecology	4
BIOL 4133	Evolution	3
Major and Elective courses		6
<b>Hours</b>		<b>13</b>
<b>Total Hours</b>		<b>120</b>

1

Speak with academic advisor about saving General Education electives and Humanities (H) for Upper-division courses with International (I) and Diversity (D) dimensions.

# Biology: Secondary Teacher Certification, BS

## Degree Requirements

Requirements for Students Matriculating in or before Academic Year 2022-2023. Learn more about University Academic Regulation 3.1 (p. 943).

Minimum Overall Grade Point Average: 2.50

Total Hours: 120

Code	Title	Hours
<b>General Education Requirements</b>		
<i>English Composition</i>		
See Academic Regulation 3.5 (p. 944)		
ENGL 1113 or ENGL 1313	Composition I Critical Analysis and Writing I	3
Select one of the following:		3
ENGL 1213	Composition II	
ENGL 1413	Critical Analysis and Writing II	
ENGL 3323	Technical Writing	
<i>American History &amp; Government</i>		
HIST 1103 or HIST 1483 or HIST 1493	Survey of American History American History to 1865 (H) American History Since 1865 (DH)	3
POLS 1113	American Government	3
<i>Analytical &amp; Quantitative Thought (A)</i>		
MATH 1813 or MATH 1613	Preparation for Calculus (A) (or higher) <sup>1,2</sup> Trigonometry (A)	3
STAT 4013 or STAT 2013	Statistical Methods I (A) <sup>1,2</sup> Elementary Statistics (A)	3
<i>Humanities (H)</i>		
PHIL 3933	Creation and Evolution <sup>1</sup>	3
Course designated (H)		3
<i>Natural Sciences (N)</i>		
Must include one Laboratory Science (L) course		
PHYS 1114 or PHYS 2014	College Physics I (LN) <sup>1,2</sup> University Physics I (LN)	4
BIOL 1113 & BIOL 1111	Introductory Biology (N) and Introductory Biology Laboratory (LN) <sup>1,2</sup>	4
or BIOL 1114	Introductory Biology (LN)	
PBIO 1404	Plant Biology (LN) <sup>1,2</sup>	4
<i>Social &amp; Behavioral Sciences (S)</i>		
Course designated (S)		3
<i>Additional General Education</i>		
Courses designated (A), (H), (N), or (S)		1
<b>Hours Subtotal</b>		<b>40</b>
<b>Diversity (D) &amp; International Dimension (I)</b>		
May be completed in any part of the degree plan		
Select at least one Diversity (D) course		
Select at least one International Dimension (I) course		
<b>College/Departmental Requirements</b>		

### First Year Seminar

(Transfer students with 15 hours exempt) 1

### Arts & Humanities

See note 2.a. 3

### Natural & Mathematical Sciences

CHEM 1314 Chemistry I (LN)<sup>2</sup> 4

CHEM 1515 Chemistry II (LN)<sup>2</sup> 5

### Foreign Language

See note 3

0-6 hours

### Upper-Division General Education

Select 6 hours outside major department

See note 2.c.

**Hours Subtotal** 13

### Major Requirements

#### Biology Core:

Minimum GPA 2.50 and minimum grade of "C" or "P" for courses in Biology Core and those denoted with <sup>2</sup>

BIOL 1604 Animal Biology 4

BIOL 3023 General Genetics 3

BIOL 3034 General Ecology 4

BIOL 3204 Physiology 4

BIOL 4133 Evolution 3

CHEM 3013 Survey of Organic Chemistry 3

MICR 2123 Introduction to Microbiology 3

MICR 2132 Introduction to Microbiology Laboratory 2

MICR 3033 Cell and Molecular Biology 3

Select 3 hours PBIO coursework 3000- or 4000-level. 3

#### Secondary Education Professional Core:

Minimum GPA 2.50 and minimum grade of "C" or "P" in each course

SMED 1012 Inquiry Approaches to Teaching 2

SMED 3013 Knowing and Learning in Mathematics and Science 3

SMED 4013 Classroom Interactions 3

SMED 4023 Problem-Based Learning in Mathematics and Science 3

SMED 4611 Authentic Research in the Science Classroom<sup>3</sup> 1

SMED 4613 Teaching the Nature of Science Through an Inquiry Approach<sup>3</sup> 3

SMED 4713 Teaching and Learning Science in the Secondary School<sup>3</sup> 3

SMED 4723 Senior Seminar in Secondary Mathematics and Science Education<sup>3</sup> 3

SPED 3202 Educating Exceptional Learners (D) 2

CIED 4720 Internship in the Secondary Classroom<sup>3</sup> 6

**Hours Subtotal** 61

### Electives

Select 6 hours 6

MATH 1513 required for students who do not place directly into MATH 1813 (or MATH 1613).

May need to include 6 hours of a foreign language (see note 3)

<b>Hours Subtotal</b>	<b>6</b>
<b>Total Hours</b>	<b>120</b>

## Other Requirements

- See the College of Arts and Sciences Requirements.
- **Upper-Division Credit:** Total hours must include at least 48 hours in courses numbered 3000 or above.
- **Hours in One Department:** For B.A. and B.S. degrees, no more than 54 hours in one department may be applied to degree requirements.

## College of Arts and Sciences Requirements

### 1. General Education Requirements

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- Non-Western Studies Requirement for B.A. and B.F.A.; One 3-hour course in Non-Western Studies (N.W.). This requirement may be satisfied by courses also used to satisfy any part of a student's degree program (i.e., in General Education, College Departmental Requirements, Major Requirements or Electives).
- The College of Arts & Sciences requires a minimum 2.0 GPA in all major requirements and a minimum 2.0 GPA in all major-prefix courses applied to the degree.

### 3. Foreign Language Proficiency

- The foreign language requirement for the B.A. may be satisfied by 9 hours college credit in the same language, which must include 3 hours at the 2000-level, or equivalent proficiency (e.g., passing an advanced standing examination; TOEFL exam; presenting a high school transcript which demonstrates the high school was primarily conducted in a language other than English; etc.). Computer Science courses may not be used to satisfy this requirement. Currently Arabic and Mvskoke are not offered at the 2000-level at OSU.

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### 4. Exclusions

- Courses used to satisfy the General Education English Composition, U.S. History, American Government, and Mathematics or Statistics requirements will not count toward the 54-hour maximum allowed from one department.
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## Additional State/OSU Requirements

- At least: 60 hours at a four-year institution; 30 hours completed at OSU; 15 of the final 30 or 50% of the upper-division hours in the major field completed at OSU.
- Limit of: one-half of major course requirements as transfer work; one-fourth of hours earned by correspondence; 8 transfer correspondence hours.
- Students will be held responsible for degree requirements in effect at the time of matriculation and any changes that are made, so long as these changes do not result in semester credit hours being added or do not delay graduation.
- Degrees that follow this plan must be completed by the end of Summer 2028.

## Example Plan of Study

### Finish in Four Plan of Study

The plan below is an **example** of how students can successfully complete degree requirements in four years. This suggested class schedule plan may be used as a guide and can be adjusted based on individual needs. Students are required to meet with an academic advisor prior to enrollment each semester to plan their class schedule, and students are ultimately responsible for completing all degree requirements.

Course	Title	Hours		
			SMED 4723	Senior Seminar in Secondary Mathematics and Science Education
				3
<b>Freshman</b>				
<b>Fall</b>				<b>Hours</b>
ENGL 1113 or ENGL 1313	Composition I or Critical Analysis and Writing I	3		<b>9</b>
MATH 1813	Preparation for Calculus (A)	3		
BIOL 1113 & BIOL 1111	Introductory Biology (N) and Introductory Biology Laboratory (LN)	4		
SMED 1012	Inquiry Approaches to Teaching	2		
General Education and College courses		4		
	<b>Hours</b>	<b>16</b>		
<b>Spring</b>				
ENGL 1213 or ENGL 1413	Composition II or Critical Analysis and Writing II	3		
CHEM 1314	Chemistry I (LN)	4		
BIOL 1604	Animal Biology	4		
General Education courses		3		
	<b>Hours</b>	<b>14</b>		
<b>Sophomore</b>				
<b>Fall</b>				
CHEM 1515	Chemistry II (LN)	5		
PBIO 1404	Plant Biology (LN)	4		
MICR 2123	Introduction to Microbiology	3		
General Education courses		3		
	<b>Hours</b>	<b>15</b>		
<b>Spring</b>				
BIOL 3034	General Ecology	4		
MICR 2132	Introduction to Microbiology Laboratory	2		
SPED 3202	Educating Exceptional Learners (D)	2		
SMED 3013	Knowing and Learning in Mathematics and Science	3		
General Education and College courses		6		
	<b>Hours</b>	<b>17</b>		
<b>Junior</b>				
<b>Fall</b>				
BIOL 3023	General Genetics	3		
PHYS 1114	College Physics I (LN)	4		
MICR 3033	Cell and Molecular Biology	3		
PHIL 3933	Creation and Evolution	3		
SMED 4013	Classroom Interactions	3		
	<b>Hours</b>	<b>16</b>		
<b>Spring</b>				
BIOL 3204	Physiology	4		
CHEM 3013	Survey of Organic Chemistry	3		
SMED 4611	Authentic Research in the Science Classroom	1		
SMED 4613	Teaching the Nature of Science Through an Inquiry Approach	3		
Major and Elective courses		6		
	<b>Hours</b>	<b>17</b>		
<b>Senior</b>				
<b>Fall</b>				
BIOL 4133	Evolution	3		
STAT 4013 or STAT 2013	Statistical Methods I (A) or Elementary Statistics (A)	3		
SMED 4023	Problem-Based Learning in Mathematics and Science	3		
SMED 4713	Teaching and Learning Science in the Secondary School	3		
Electives		4		
	<b>Hours</b>	<b>16</b>		
<b>Spring</b>				
CIED 4720	Internship in the Secondary Classroom	6		
			<b>Total Hours</b>	<b>120</b>

# Physiology, BS

## Degree Requirements

**Requirements for Students Matriculating in or before Academic Year 2022-2023.** Learn more about University Academic Regulation 3.1 (p. 943).

**Minimum Overall Grade Point Average:** 2.50

**Total Hours:** 120

Code	Title	Hours
<b>General Education Requirements</b>		
<i>English Composition</i>		
See Academic Regulation 3.5 (p. 944)		
ENGL 1113	Composition I	3
or ENGL 1313	Critical Analysis and Writing I	
Select one of the following:		3
ENGL 1213	Composition II	
ENGL 1413	Critical Analysis and Writing II	
ENGL 3323	Technical Writing	
<i>American History &amp; Government</i>		
HIST 1103	Survey of American History	3
or HIST 1483	American History to 1865 (H)	
or HIST 1493	American History Since 1865 (DH)	
POLS 1113	American Government	3
<i>Analytical &amp; Quantitative Thought (A)</i>		
MATH 2144	Calculus I (A) <sup>1</sup>	4
STAT 4013	Statistical Methods I (A) <sup>1</sup>	3
or STAT 2013	Elementary Statistics (A)	
<i>Humanities (H)</i>		
Courses designated (H)		6
<i>Natural Sciences (N)</i>		
Must include one Laboratory Science (L) course		
PHYS 1114	College Physics I (LN) <sup>1</sup>	4
or PHYS 2014	University Physics I (LN)	
PHYS 1214	College Physics II (LN) <sup>1</sup>	4
or PHYS 2114	University Physics II (LN)	
<i>Social &amp; Behavioral Sciences (S)</i>		
Course designated (S)		3
<i>Additional General Education</i>		
Courses designated (A), (H), (N), or (S)		6
<b>Hours Subtotal</b>		<b>42</b>
<b>Diversity (D) &amp; International Dimension (I)</b>		
May be completed in any part of the degree plan		
Select at least one Diversity (D) course		
Select at least one International Dimension (I) course		
<b>College/Departmental Requirements</b>		
<i>First Year Seminar</i>		
(Transfer students with 15 hours exempt)		1
<i>Arts &amp; Humanities</i>		
See note 2.a.		3
<i>Natural &amp; Mathematical Sciences</i>		
CHEM 1314	Chemistry I (LN)	4

CHEM 1515	Chemistry II (LN)	5
<i>Foreign Language</i>		
See note 3		0
0-6 hours		
<i>Upper-Division General Education</i>		
Select 6 hours outside major department		
See note 2.c.		
<b>Hours Subtotal</b>		<b>13</b>
<b>Major Requirements <sup>2</sup></b>		
Minimum GPA 2.50 in Major Requirements with a minimum grade of "C" in each course.		
<i>Core Courses</i>		
BIOC 3653	Survey of Biochemistry	3
BIOL 1113	Introductory Biology (N)	4
& BIOL 1111	and Introductory Biology Laboratory (LN)	
or BIOL 1114	Introductory Biology (LN)	
BIOL 1604	Animal Biology	4
BIOL 3023	General Genetics <sup>2</sup>	3
BIOL 3034	General Ecology	4
BIOL 3114	Vertebrate Zoology	4
BIOL 3204	Physiology	4
BIOL 4133	Evolution <sup>2</sup>	3
BIOL 4215	Mammalian Physiology	5
BIOL 4223	Mammalian Physiology Capstone Laboratory	3
CHEM 3053	Organic Chemistry I	3
CHEM 3112	Organic Chemistry Laboratory	2
CHEM 3153	Organic Chemistry II	3
MICR 2123	Introduction to Microbiology	3
MICR 2132	Introduction to Microbiology Laboratory	2
MICR 3033	Cell and Molecular Biology	3
<i>Related Courses</i>		
Select two courses, including at least one BIOL, from the following:		6
ANSI 3543	Principles of Animal Nutrition	
BIOL 4024	Histology	
BIOL 4073	Principles of Neuroscience	
BIOL 4104	General Parasitology	
BIOL 4134	Embryology	
BIOL 4253	Pharmacology	
BIOL 4273	Environmental Physiology	
BIOL 4283	Endocrinology	
BIOL 4293	Behavioral Neuroendocrinology	
BIOL 4303	Organismal Ecotoxicology	
BIOL 4363	Principles of Toxicology	
HHP 4063	Neuroanatomy	
MICR 3223	Advanced Microbiology	
MICR 3143	Medical Mycology	
MICR 3253	Immunology	
MICR 4123	Virology	
MICR 4423	Antibiotics and Antibiotic Resistance	
<b>Hours Subtotal</b>		<b>59</b>
<b>Electives <sup>2</sup></b>		

Select 6 hours	6
MATH 1513 and MATH 1813 required for students who do not place directly into MATH 2144.	
May need to include 6 hours of a foreign language. See note 3	
May need to include 6 hours upper-division general education outside major department (see note 2.c.) and 2 additional upper-division hours	
<b>Hours Subtotal</b>	<b>6</b>
<b>Total Hours</b>	<b>120</b>

1

College and Departmental Requirements that may be used to meet General Education Requirements.

2

With approval from the advisor and department head and a minimum GPA of 3.0, a maximum of 30 hours from an accredited doctoral health program may be substituted for electives or major requirements other than BIOL 3023 General Genetics and BIOL 4133 Evolution.

## Other Requirements

- See the College of Arts and Sciences Requirements.
- **Upper-Division Credit:** Total hours must include at least 48 hours in courses numbered 3000 or above.
- **Hours in One Department:** For B.A. and B.S. degrees, no more than 54 hours in one department may be applied to degree requirements.

## College of Arts and Sciences Requirements

### 1. General Education Requirements

No more than two courses (or eight hours) from the major department (<http://catalog.okstate.edu/college-arts-sciences-major-departments/>) may be used to meet General Education and College and Departmental Requirements. The General Education required English Composition, required U.S. History, required American Government, one required MATH or STAT course, and required foreign language for B.A. degrees do not count against the two-course maximum.

### 2. A&S College/Departmental Requirements

- Arts and Humanities are defined as any course carrying an (H) designation or courses from AMST, ART, DANC, ENGL (except ENGL 3323 Technical Writing) HIST, MUSI, PHIL (except PHIL 1313 Logic and Critical Thinking (A), PHIL 3003 Symbolic Logic (A) and PHIL 4003 Mathematical Logic and Computability), REL, TH, and foreign languages.
- Natural and Mathematical Sciences are defined as any course from the following prefixes: ASTR, BIOC, BIOL, CHEM, CS (except CS 4883 Social Issues in Computing), GEOL, MATH, MICR, PBIO, PHYS, and STAT; or courses from other departments that carry an (A) or (N) general education designation.
- The required six hours of upper-division General Education may not include courses from the student's major department. This requirement may be satisfied by courses also used to satisfy any part of a student's degree program (i.e., in General Education, College Departmental Requirements, Major Requirements or Electives).
- Non-Western Studies Requirement for B.A. and B.F.A.; One 3-hour course in Non-Western Studies (N.W.). This requirement may be satisfied by courses also used to satisfy any part of a student's

degree program (i.e., in General Education, College Departmental Requirements, Major Requirements or Electives).

- The College of Arts & Sciences requires a minimum 2.0 GPA in all major requirements and a minimum 2.0 GPA in all major-prefix courses applied to the degree.

### 3. Foreign Language Proficiency

- The foreign language requirement for the B.A. may be satisfied by 9 hours college credit in the same language, which must include 3 hours at the 2000-level, or equivalent proficiency (e.g., passing an advanced standing examination; TOEFL exam; presenting a high school transcript which demonstrates the high school was primarily conducted in a language other than English; etc.). Computer Science courses may not be used to satisfy this requirement. Currently Arabic and Mvskoke are not offered at the 2000-level at OSU.
- The foreign language requirement for the B.S., B.M. and B.F.A. may be satisfied by presenting a high school transcript which demonstrates two years of study of a single foreign language (passing grades at second-year level of study). It may also be satisfied by 6 hours college credit in the same language, which must include language courses 1713 and 1813, or equivalent proficiency (e.g., passing an advanced standing examination; TOEFL exam; presenting a high school transcript which demonstrates the high school was primarily conducted in a language other than English; etc.). Computer Science courses may not be used to satisfy this requirement.
- In addition to a. and b., students pursuing teacher certification must meet novice-high foreign language proficiency by presenting a high school transcript which demonstrates two years of study of a single foreign language with no grade below B. Or, students may complete 3 hours college credit in a single language with no grade below C (or pass an advanced standing examination, College Level Examination Program (CLEP) exam, or Oral Proficiency Interview developed by the American Council on the Teaching of Foreign Languages, equivalent to 3 hours of college credit.) Or, students may meet the requirement by transfer of documentation of meeting the foreign language competency from one of the teacher education programs in the State of Oklahoma approved by the Oklahoma State Regents for Higher Education.

### 4. Exclusions

- Courses used to satisfy the General Education English Composition, U.S. History, American Government, and Mathematics or Statistics requirements will not count toward the 54-hour maximum allowed from one department.
- Courses with ATHL or LEIS prefixes and leisure activity courses may not be used for degree credit.

## Additional State/OSU Requirements

- At least: 60 hours at a four-year institution; 30 hours completed at OSU; 15 of the final 30 or 50% of the upper-division hours in the major field completed at OSU.
- Limit of: one-half of major course requirements as transfer work; one-fourth of hours earned by correspondence; 8 transfer correspondence hours.
- Students will be held responsible for degree requirements in effect at the time of matriculation and any changes that are made, so long as these changes do not result in semester credit hours being added or do not delay graduation.



- Degrees that follow this plan must be completed by the end of Summer 2028.

## Example Plan of Study

### Finish in Four Plan of Study

The plan below is an **example** of how students can successfully complete degree requirements in four years. This suggested class schedule plan may be used as a guide and can be adjusted based on individual needs. Students are required to meet with an academic advisor prior to enrollment each semester to plan their class schedule, and students are ultimately responsible for completing all degree requirements.

Course	Title	Hours
<b>Freshman</b>		
<b>Fall</b>		
MATH 2144	Calculus I (A)	4
CHEM 1314	Chemistry I (LN)	4
General Education courses		7
<b>Hours</b>		<b>15</b>
<b>Spring</b>		
CHEM 1515	Chemistry II (LN)	5
BIOL 1113 & BIOL 1111	Introductory Biology (N) and Introductory Biology Laboratory (LN)	4
General Education courses		6
<b>Hours</b>		<b>15</b>
<b>Sophomore</b>		
<b>Fall</b>		
PHYS 1114	College Physics I (LN)	4
BIOL 1604	Animal Biology	4
STAT 4013	Statistical Methods I (A)	3
General Education courses		4
<b>Hours</b>		<b>15</b>
<b>Spring</b>		
PHYS 1214	College Physics II (LN)	4
MICR 2123	Introduction to Microbiology	3
MICR 2132	Introduction to Microbiology Laboratory	2
CHEM 3053	Organic Chemistry I	3
General Education courses		3
<b>Hours</b>		<b>15</b>
<b>Junior</b>		
<b>Fall</b>		
BIOL 3204	Physiology	4
CHEM 3153	Organic Chemistry II	3
MICR 3033	Cell and Molecular Biology	3
BIOL 3034	General Ecology	4
Major, College, and Elective courses		1
<b>Hours</b>		<b>15</b>
<b>Spring</b>		
BIOL 3023	General Genetics	3
BIOL 4215	Mammalian Physiology	5
CHEM 3112	Organic Chemistry Laboratory	2
Major, College, and Elective courses		5
<b>Hours</b>		<b>15</b>
<b>Senior</b>		
<b>Fall</b>		
BIOC 3653	Survey of Biochemistry	3
BIOL 3114	Vertebrate Zoology	4
BIOL 4223	Mammalian Physiology Capstone Laboratory	3
Major, College, and Elective courses		5
<b>Hours</b>		<b>15</b>

### Spring

BIOL 4133	Evolution	3
Major, College, and Elective courses		12
<b>Hours</b>		<b>15</b>
<b>Total Hours</b>		<b>120</b>

1

Speak with academic advisor about saving General Education electives and Humanities (H) for Upper-division courses with International (I) and Diversity (D) dimensions.

# Physiology: Pre-Medical Sciences, BS

## Degree Requirements

**Requirements for Students Matriculating in or before Academic Year 2022-2023.** Learn more about University Academic Regulation 3.1 (p. 943).

**Minimum Overall Grade Point Average: 2.50**

**Total Hours: 120**

Code	Title	Hours
<b>General Education Requirements</b>		
<i>English Composition</i>		
See Academic Regulation 3.5 (p. 944)		
ENGL 1113 or ENGL 1313	Composition I Critical Analysis and Writing I	3
Select one of the following:		3
ENGL 1213 ENGL 1413 ENGL 3323	Composition II Critical Analysis and Writing II Technical Writing	
<i>American History &amp; Government</i>		
HIST 1103 or HIST 1483 or HIST 1493	Survey of American History American History to 1865 (H) American History Since 1865 (DH)	3
POLS 1113	American Government	3
<i>Analytical &amp; Quantitative Thought (A)</i>		
MATH 2144 STAT 4013 or STAT 2013	Calculus I (A) <sup>1</sup> Statistical Methods I (A) <sup>1</sup> Elementary Statistics (A)	4 3
<i>Humanities (H)</i>		
Courses designated (H)		6
<i>Natural Sciences (N)</i>		
Must include one Laboratory Science (L) course		
PHYS 1114 or PHYS 2014	College Physics I (LN) <sup>1</sup> University Physics I (LN)	4
PHYS 1214 or PHYS 2114	College Physics II (LN) <sup>1</sup> University Physics II (LN)	4
<i>Social &amp; Behavioral Sciences (S)</i>		
Course designated (S)		3
<i>Additional General Education</i>		
Courses designated (A), (H), (N), or (S)		6
<b>Hours Subtotal</b>		<b>42</b>
<b>Diversity (D) &amp; International Dimension (I)</b>		
May be completed in any part of the degree plan		
Select at least one Diversity (D) course		
Select at least one International Dimension (I) course		
<b>College/Departmental Requirements</b>		
<i>First Year Seminar</i>		
(Transfer students with 15 hours exempt)		1
<i>Arts &amp; Humanities</i>		
See note 2.a.		3
<i>Natural &amp; Mathematical Sciences</i>		

CHEM 1314	Chemistry I (LN)	4
CHEM 1515	Chemistry II (LN)	5
<i>Foreign Language</i>		
See note 3		0
0-6 hours		
<i>Upper-Division General Education</i>		
Select 6 hours outside major department		
See note 2.c.		
<b>Hours Subtotal</b>		<b>13</b>
<b>Major Requirements<sup>2</sup></b>		
Minimum GPA 2.50 in Major Requirements with a minimum grade of "C" in each course.		
<i>Core Courses</i>		
BIOL 1113 & BIOL 1111 or BIOL 1114	Introductory Biology (N) and Introductory Biology Laboratory (LN) Introductory Biology (LN)	4
BIOL 1604	Animal Biology	4
BIOL 3023	General Genetics <sup>2</sup>	3
BIOL 3034	General Ecology	4
BIOL 3114 or BIOL 3214	Vertebrate Zoology Human Anatomy	4
BIOL 3204	Physiology	4
BIOL 4133	Evolution <sup>2</sup>	3
BIOL 4215	Mammalian Physiology	5
BIOL 4223	Mammalian Physiology Capstone Laboratory	3
BIOC 3653	Survey of Biochemistry	3
CHEM 3053	Organic Chemistry I	3
CHEM 3112	Organic Chemistry Laboratory	2
CHEM 3153	Organic Chemistry II	3
MICR 2123	Introduction to Microbiology	3
MICR 2132	Introduction to Microbiology Laboratory	2
MICR 3033	Cell and Molecular Biology	3
<i>Related Courses</i>		
Select two courses, including at least one BIOL, from the following:		6
BIOL 4024	Histology	
BIOL 4073	Principles of Neuroscience	
BIOL 4104	General Parasitology	
BIOL 4134	Embryology	
BIOL 4253	Pharmacology	
BIOL 4283	Endocrinology	
BIOL 4293	Behavioral Neuroendocrinology	
BIOL 4363	Principles of Toxicology	
HHP 4063	Neuroanatomy	
MICR 3143	Medical Mycology	
MICR 3223	Advanced Microbiology	
MICR 3253	Immunology	
MICR 4123	Virology	
MICR 4423	Antibiotics and Antibiotic Resistance	
<b>Hours Subtotal</b>		<b>59</b>
<b>Electives<sup>2</sup></b>		
Select 6 hours		6

MATH 1513 and MATH 1813 required for students who do not place directly into MATH 2144.

May need to include 6 hours of a foreign language. See note 3

May need to include 6 hours upper-division general education outside major department (see note 2.c.) and 2 additional upper-division hours

Recommended courses:

PSYC 1113	Introductory Psychology (S)	
SOC 1113	Introductory Sociology (S)	
<b>Hours Subtotal</b>		<b>6</b>
<b>Total Hours</b>		<b>120</b>

1

College and Departmental Requirements that may be used to meet General Education Requirements.

2

With approval from the advisor and department head and a minimum GPA of 3.0, a maximum of 30 hours from an accredited doctoral health program may be substituted for electives or major requirements other than BIOL 3023 General Genetics and BIOL 4133 Evolution.

Additional requirements for professional school admission exist. View Admission Requirement Sheets at [prehealth.okstate.edu](http://prehealth.okstate.edu) (<http://prehealth.okstate.edu>).

## Other Requirements

- See the College of Arts and Sciences Requirements.
- **Upper-Division Credit:** Total hours must include at least 48 hours in courses numbered 3000 or above.
- **Hours in One Department:** For B.A. and B.S. degrees, no more than 54 hours in one department may be applied to degree requirements.

## College of Arts and Sciences Requirements

### 1. General Education Requirements

No more than two courses (or eight hours) from the major department (<http://catalog.okstate.edu/college-arts-sciences-major-departments/>) may be used to meet General Education and College and Departmental Requirements. The General Education required English Composition, required U.S. History, required American Government, one required MATH or STAT course, and required foreign language for B.A. degrees do not count against the two-course maximum.

### 2. A&S College/Departmental Requirements

- Arts and Humanities are defined as any course carrying an (H) designation or courses from AMST, ART, DANC, ENGL (except ENGL 3323 Technical Writing) HIST, MUSI, PHIL (except PHIL 1313 Logic and Critical Thinking (A), PHIL 3003 Symbolic Logic (A) and PHIL 4003 Mathematical Logic and Computability), REL, TH, and foreign languages.
- Natural and Mathematical Sciences are defined as any course from the following prefixes: ASTR, BIOC, BIOL, CHEM, CS (except CS 4883 Social Issues in Computing), GEOL, MATH, MICR, PBIO, PHYS, and STAT; or courses from other departments that carry an (A) or (N) general education designation.
- The required six hours of upper-division General Education may not include courses from the student's major department. This requirement may be satisfied by courses also used to satisfy any

part of a student's degree program (i.e., in General Education, College Departmental Requirements, Major Requirements or Electives).

- Non-Western Studies Requirement for B.A. and B.F.A.; One 3-hour course in Non-Western Studies (N.W.). This requirement may be satisfied by courses also used to satisfy any part of a student's degree program (i.e., in General Education, College Departmental Requirements, Major Requirements or Electives).
- The College of Arts & Sciences requires a minimum 2.0 GPA in all major requirements and a minimum 2.0 GPA in all major-prefix courses applied to the degree.

### 3. Foreign Language Proficiency

- The foreign language requirement for the B.A. may be satisfied by 9 hours college credit in the same language, which must include 3 hours at the 2000-level, or equivalent proficiency (e.g., passing an advanced standing examination; TOEFL exam; presenting a high school transcript which demonstrates the high school was primarily conducted in a language other than English; etc.). Computer Science courses may not be used to satisfy this requirement. Currently Arabic and Mvskoke are not offered at the 2000-level at OSU.
- The foreign language requirement for the B.S., B.M. and B.F.A. may be satisfied by presenting a high school transcript which demonstrates two years of study of a single foreign language (passing grades at second-year level of study). It may also be satisfied by 6 hours college credit in the same language, which must include language courses 1713 and 1813, or equivalent proficiency (e.g., passing an advanced standing examination; TOEFL exam; presenting a high school transcript which demonstrates the high school was primarily conducted in a language other than English; etc.). Computer Science courses may not be used to satisfy this requirement.
- In addition to a. and b., students pursuing teacher certification must meet novice-high foreign language proficiency by presenting a high school transcript which demonstrates two years of study of a single foreign language with no grade below B. Or, students may complete 3 hours college credit in a single language with no grade below C (or pass an advanced standing examination, College Level Examination Program (CLEP) exam, or Oral Proficiency Interview developed by the American Council on the Teaching of Foreign Languages, equivalent to 3 hours of college credit.) Or, students may meet the requirement by transfer of documentation of meeting the foreign language competency from one of the teacher education programs in the State of Oklahoma approved by the Oklahoma State Regents for Higher Education.

### 4. Exclusions

- Courses used to satisfy the General Education English Composition, U.S. History, American Government, and Mathematics or Statistics requirements will not count toward the 54-hour maximum allowed from one department.
- Courses with ATHL or LEIS prefixes and leisure activity courses may not be used for degree credit.

## Additional State/OSU Requirements

- At least: 60 hours at a four-year institution; 30 hours completed at OSU; 15 of the final 30 or 50% of the upper-division hours in the major field completed at OSU.

- Limit of: one-half of major course requirements as transfer work; one-fourth of hours earned by correspondence; 8 transfer correspondence hours.
- Students will be held responsible for degree requirements in effect at the time of matriculation and any changes that are made, so long as these changes do not result in semester credit hours being added or do not delay graduation.
- Degrees that follow this plan must be completed by the end of Summer 2028.

Major, College, and Elective courses	2
<b>Hours</b>	<b>15</b>
<b>Senior</b>	
<b>Fall</b>	
BIOL 4223 Mammalian Physiology Capstone Laboratory	3
Major, College, and Elective courses	12
<b>Hours</b>	<b>15</b>
<b>Spring</b>	
BIOL 4133 Evolution	3
BIOL 3034 General Ecology	4
BIOL 3214 Human Anatomy	4
Major, College, and Elective courses	4
<b>Hours</b>	<b>15</b>
<b>Total Hours</b>	<b>120</b>

## Example Plan of Study

### Finish in Four Plan of Study

The plan below is an **example** of how students can successfully complete degree requirements in four years. This suggested class schedule plan may be used as a guide and can be adjusted based on individual needs. Students are required to meet with an academic advisor prior to enrollment each semester to plan their class schedule, and students are ultimately responsible for completing all degree requirements.

Course	Title	Hours
<b>Freshman</b>		
<b>Fall</b>		
MATH 2144	Calculus I (A)	4
CHEM 1314	Chemistry I (LN)	4
General Education courses		7
<b>Hours</b>		<b>15</b>
<b>Spring</b>		
CHEM 1515	Chemistry II (LN)	5
BIOL 1113 & BIOL 1111	Introductory Biology (N) and Introductory Biology Laboratory (LN)	4
General Education courses		6
<b>Hours</b>		<b>15</b>
<b>Sophomore</b>		
<b>Fall</b>		
BIOL 1604	Animal Biology	4
CHEM 3053	Organic Chemistry I	3
MICR 2123	Introduction to Microbiology	3
MICR 2132	Introduction to Microbiology Laboratory	2
UNIV 2611	Health Portfolio and Self-Development (Suggested)	1
General Education courses		2
<b>Hours</b>		<b>15</b>
<b>Spring</b>		
CHEM 3153	Organic Chemistry II	3
CHEM 3112	Organic Chemistry Laboratory	2
MICR 3033	Cell and Molecular Biology	3
STAT 4013	Statistical Methods I (A)	3
General Education courses		4
<b>Hours</b>		<b>15</b>
<b>Junior</b>		
<b>Fall</b>		
BIOL 3204	Physiology	4
BIOC 3653	Survey of Biochemistry	3
PHYS 1114	College Physics I (LN)	4
Major, College, and Elective courses		4
<b>Hours</b>		<b>15</b>
<b>Spring</b>		
BIOL 3023	General Genetics	3
BIOL 4215	Mammalian Physiology	5
PHYS 1214	College Physics II (LN)	4
UNIV 3511	Health Profession School Preparation (Suggested)	1

## Zoology (ZOOL), Minor

**Requirements for Students Matriculating in or before Academic Year 2022-2023.** Learn more about University Academic Regulation 3.1 (p. 943).

For more information on a Zoology minor, contact the **Office of Integrative Biology**: 405-744-5555 or 501 Life Sciences West.

**Total Hours:** 24

Code	Title	Hours
<b>Minor Requirements</b>		
BIOL 1113 & BIOL 1111 or BIOL 1114	Introductory Biology (N) and Introductory Biology Laboratory (LN) Introductory Biology (LN)	4
BIOL 1604	Animal Biology	4
BIOL 3023	General Genetics	3
BIOL 4133	Evolution	3
BIOL 3034 or BIOL 3204	General Ecology Physiology	4
Select one of the following:		3
BIOL 3104	Invertebrate Zoology	
BIOL 4104	General Parasitology	
BIOL 4134	Embryology	
BIOL 4174	Mammalogy	
BIOL 4184	Herpetology	
BIOL 4413	Biology of Fishes	
BIOL 4434	Limnology	
BIOL 4464	Ornithology	
Select one additional upper-division course in BIOL (excluding general education courses).		3
<b>Total Hours</b>		<b>24</b>

## Other Requirements

- No grade below "C."

## Additional OSU Requirements

### Undergraduate Minors

- An undergraduate minor must include between fifteen and thirty hours, inclusive of undergraduate coursework.
- A minimum of six credit hours for the minor must be earned in residence at OSU.
- The courses required for a minor may be included in the course requirements for any undergraduate degree or they may be in addition to degree requirements, depending on the overlap between the minor and degree requirements. However, an undergraduate minor must be earned in an academic field other than the student's declared degree option. The minor may not duplicate the degree major or option (for example, a student who earns a BA in Art with an Art History option may earn a minor in Studio Art but not Art History).
- A student generally follows the minor requirements associated with his or her matriculation year or newer requirements that have been established since matriculation. The time limit for following requirements from a given academic year is six years.

For additional information on requirements on minors, click here (<https://adminfinance.okstate.edu/site-files/documents/policies/requirements-for-undergraduate-and-graduate-minors.pdf>).

# Zoology, BS

## Degree Requirements

**Requirements for Students Matriculating in or before Academic Year 2022-2023.** Learn more about University Academic Regulation 3.1 (p. 943).

**Minimum Overall Grade Point Average: 2.00**

**Total Hours: 120**

Code	Title	Hours
<b>General Education Requirements</b>		
<i>English Composition</i>		
See Academic Regulation 3.5 (p. 944)		
ENGL 1113 or ENGL 1313	Composition I Critical Analysis and Writing I	3
Select one of the following:		3
ENGL 1213	Composition II	
ENGL 1413	Critical Analysis and Writing II	
ENGL 3323	Technical Writing	
<i>American History &amp; Government</i>		
HIST 1103 or HIST 1483 or HIST 1493	Survey of American History American History to 1865 (H) American History Since 1865 (DH)	3
POLS 1113	American Government	3
<i>Analytical &amp; Quantitative Thought (A)</i>		
MATH 1813 or MATH 1613	Preparation for Calculus (A) (or higher) <sup>1</sup> Trigonometry (A)	3
STAT 4013 or STAT 2013	Statistical Methods I (A) <sup>1</sup> Elementary Statistics (A)	3
<i>Humanities (H)</i>		
Courses designated (H)		6
<i>Natural Sciences (N)</i>		
Must include one Laboratory Science (L) course		
PHYS 1114 or PHYS 2014	College Physics I (LN) <sup>1</sup> University Physics I (LN)	4
PHYS 1214 or PHYS 2114	College Physics II (LN) <sup>1</sup> University Physics II (LN)	4
<i>Social &amp; Behavioral Sciences (S)</i>		
Course designated (S)		3
<i>Additional General Education</i>		
Courses designated (A), (H), (N), or (S)		6
<b>Hours Subtotal</b>		<b>41</b>
<b>Diversity (D) &amp; International Dimension (I)</b>		
May be completed in any part of the degree plan		
Select at least one Diversity (D) course		
Select at least one International Dimension (I) course		
<b>College/Departmental Requirements</b>		
<i>First Year Seminar</i>		
(Transfer students with 15 hours exempt)		1
<i>Arts &amp; Humanities</i>		
See note 2.a.		3
<i>Natural &amp; Mathematical Sciences</i>		

CHEM 1314	Chemistry I (LN)	4
CHEM 1515	Chemistry II (LN)	5
<i>Foreign Language</i>		
See note 3		
0-6 hours		
<i>Upper-Division General Education</i>		
Select 6 hours outside major department		
See note 2.c.		
<b>Hours Subtotal</b>		<b>13</b>
<b>Major Requirements<sup>2</sup></b>		
Minimum grade of "C" in each course.		
<i>Core Courses</i>		
BIOL 1113 & BIOL 1111 or BIOL 1114	Introductory Biology (N) and Introductory Biology Laboratory (LN) Introductory Biology (LN)	4
BIOL 1604	Animal Biology	4
BIOL 3023	General Genetics <sup>2</sup>	3
BIOL 3034	General Ecology	4
BIOL 3104	Invertebrate Zoology	4
BIOL 3114	Vertebrate Zoology	4
BIOL 3204	Physiology	4
BIOL 4133	Evolution <sup>2</sup>	3
BIOL 4700 or BIOL 4710	Undergraduate Research Problems (1 hour) Internships in Integrative Biology	1
MICR 2123 or MICR 3033	Introduction to Microbiology Cell and Molecular Biology	3
Select one of the following:		5
CHEM 3013 & CHEM 3012	Survey of Organic Chemistry and Survey of Organic Chemistry Laboratory	
CHEM 3053 & CHEM 3112 & CHEM 3153	Organic Chemistry I and Organic Chemistry Laboratory and Organic Chemistry II	
Select 10 hours upper-division BIOL courses with a laboratory in at least one course (excluding general education courses)		10
<i>Supplemental Courses</i>		
Select 2 of the following from different prefixes:		6
BIOC 3653	Survey of Biochemistry	
ENGL 3323	Technical Writing	
ENVR 3113	Sampling and Analyses for Solving Environmental Problems	
GEOG 3153	Conservation of Natural Resources (S)	
GEOG 3023	Climatology (N)	
GEOG 4053	Biogeography	
GEOG 4083	Geography of Grass-Dominated Ecosystems	
GEOG 4073	Climate Change: Past, Present, and Future	
GEOG 4203	Fundamentals of Geographic Information Systems	
GEOL 3043	Geology of the National Parks (N)	
GEOL 3503	Environmental Geology (N)	
GEOL 4503	Introduction to Oceanography (N)	
GEOL 4513	Marine Geology	



HLTH 3113	Health Issues in Diverse Populations (D)
HHP 4063	Neuroanatomy
HIST 3913	History of Medicine (H)
HIST 4523	American Environmental History (H)
NREM 3503	Principles of Wildlife Ecology and Management
NREM 3523	Fish and Wildlife Population Biology
NREM 4033	Ecology Of Invasive Species
NREM 4043	Natural Resource Administration and Policy
NREM 4443	Watershed Hydrology and Water Quality
NREM 4523	Wildlife Management Techniques
PHIL 3703	Animal Ethics (H)
PHIL 3833	Biomedical Ethics (H)
PHIL 4713	Philosophy of Science (H)
PHIL 4733	Philosophy of Biology (H)
PSYC 3443	Abnormal Psychology (S)
SOC 4153	Sociology of Health and Illness
SOC 4433	Environmental Sociology (S)
SOC 4453	Environmental Inequality (S)
<b>Hours Subtotal</b>	<b>55</b>
<b>Electives<sup>2</sup></b>	
Select 11 hours	11
May need to include 6 hours of a foreign language. See note 3	
MATH 1513 required for students who do not place directly into MATH 1813 (or MATH 1613).	
PSYC 1113 and SOC 1113 recommended.	
May need to include 6 hours upper-division general education outside major department (see note 2.c.) and 4 additional upper-division hours	
<b>Hours Subtotal</b>	<b>11</b>
<b>Total Hours</b>	<b>120</b>

1

College and Departmental Requirements that may be used to meet General Education Requirements.

2

With approval from the advisor and department head and a minimum GPA of 3.0, a maximum of 30 hours from an accredited doctoral health program may be substituted for electives or major requirements other than BIOL 3023 General Genetics and BIOL 4133 Evolution.

## Other Requirements

- See the College of Arts and Sciences Requirements.
- Minimum 2.0 GPA in all BIOL courses.
- **Upper-Division Credit:** Total hours must include at least 48 hours in courses numbered 3000 or above.
- **Hours in One Department:** For B.A. and B.S. degrees, no more than 54 hours in one department may be applied to degree requirements.

## College of Arts and Sciences Requirements

### 1. General Education Requirements

No more than two courses (or eight hours) from the major department (<http://catalog.okstate.edu/college-arts-sciences-major-departments/>) may be used to meet General Education and College and Departmental Requirements. The General Education required English Composition, required U.S. History, required American Government, one required MATH or STAT course, and required foreign language for B.A. degrees do not count against the two-course maximum.

### 2. A&S College/Departmental Requirements

- Arts and Humanities are defined as any course carrying an (H) designation or courses from AMST, ART, DANC, ENGL (except ENGL 3323 Technical Writing) HIST, MUSI, PHIL (except PHIL 1313 Logic and Critical Thinking (A), PHIL 3003 Symbolic Logic (A) and PHIL 4003 Mathematical Logic and Computability), REL, TH, and foreign languages.
- Natural and Mathematical Sciences are defined as any course from the following prefixes: ASTR, BIOC, BIOL, CHEM, CS (except CS 4883 Social Issues in Computing), GEOL, MATH, MICR, PBIO, PHYS, and STAT; or courses from other departments that carry an (A) or (N) general education designation.
- The required six hours of upper-division General Education may not include courses from the student's major department. This requirement may be satisfied by courses also used to satisfy any part of a student's degree program (i.e., in General Education, College Departmental Requirements, Major Requirements or Electives).
- Non-Western Studies Requirement for B.A. and B.F.A.; One 3-hour course in Non-Western Studies (N.W.). This requirement may be satisfied by courses also used to satisfy any part of a student's degree program (i.e., in General Education, College Departmental Requirements, Major Requirements or Electives).
- The College of Arts & Sciences requires a minimum 2.0 GPA in all major requirements and a minimum 2.0 GPA in all major-prefix courses applied to the degree.

### 3. Foreign Language Proficiency

- The foreign language requirement for the B.A. may be satisfied by 9 hours college credit in the same language, which must include 3 hours at the 2000-level, or equivalent proficiency (e.g., passing an advanced standing examination; TOEFL exam; presenting a high school transcript which demonstrates the high school was primarily conducted in a language other than English; etc.). Computer Science courses may not be used to satisfy this requirement. Currently Arabic and Mvskoke are not offered at the 2000-level at OSU.
- The foreign language requirement for the B.S., B.M. and B.F.A. may be satisfied by presenting a high school transcript which demonstrates two years of study of a single foreign language (passing grades at second-year level of study). It may also be satisfied by 6 hours college credit in the same language, which must include language courses 1713 and 1813, or equivalent proficiency (e.g., passing an advanced standing examination; TOEFL exam; presenting a high school transcript which demonstrates the high school was primarily conducted in a language other than English; etc.). Computer Science courses may not be used to satisfy this requirement.

- c. In addition to a. and b., students pursuing teacher certification must meet novice-high foreign language proficiency by presenting a high school transcript which demonstrates two years of study of a single foreign language with no grade below B. Or, students may complete 3 hours college credit in a single language with no grade below C (or pass an advanced standing examination, College Level Examination Program (CLEP) exam, or Oral Proficiency Interview developed by the American Council on the Teaching of Foreign Languages, equivalent to 3 hours of college credit.) Or, students may meet the requirement by transfer of documentation of meeting the foreign language competency from one of the teacher education programs in the State of Oklahoma approved by the Oklahoma State Regents for Higher Education.

#### 4. Exclusions

- a. Courses used to satisfy the General Education English Composition, U.S. History, American Government, and Mathematics or Statistics requirements will not count toward the 54-hour maximum allowed from one department.
- b. Courses with ATHL or LEIS prefixes and leisure activity courses may not be used for degree credit.

## Additional State/OSU Requirements

- At least: 60 hours at a four-year institution; 30 hours completed at OSU; 15 of the final 30 or 50% of the upper-division hours in the major field completed at OSU.
- Limit of: one-half of major course requirements as transfer work; one-fourth of hours earned by correspondence; 8 transfer correspondence hours.
- Students will be held responsible for degree requirements in effect at the time of matriculation and any changes that are made, so long as these changes do not result in semester credit hours being added or do not delay graduation.
- Degrees that follow this plan must be completed by the end of Summer 2028.

## Example Plan of Study

### Finish in Four Plan of Study

The plan below is an **example** of how students can successfully complete degree requirements in four years. This suggested class schedule plan may be used as a guide and can be adjusted based on individual needs. Students are required to meet with an academic advisor prior to enrollment each semester to plan their class schedule, and students are ultimately responsible for completing all degree requirements.

Course	Title	Hours
<b>Freshman</b>		
<b>Fall</b>		
ENGL 1113 or ENGL 1313	Composition I or Critical Analysis and Writing I	3
MATH 1813	Preparation for Calculus (A)	3
BIOL 1113 & BIOL 1111	Introductory Biology (N) and Introductory Biology Laboratory (LN)	4
General Education courses		5
<b>Hours</b>		<b>15</b>
<b>Spring</b>		
ENGL 1213 or ENGL 1413	Composition II or Critical Analysis and Writing II	3
CHEM 1314	Chemistry I (LN)	4
BIOL 1604	Animal Biology	4

General Education courses		4
<b>Hours</b>		<b>15</b>
<b>Sophomore</b>		
<b>Fall</b>		
CHEM 1515	Chemistry II (LN)	5
MICR 2123 or MICR 3033	Introduction to Microbiology or Cell and Molecular Biology	3
STAT 4013 or STAT 2013	Statistical Methods I (A) or Elementary Statistics (A)	3
General Education courses		4
<b>Hours</b>		<b>15</b>
<b>Spring</b>		
PHYS 1114 or PHYS 2014	College Physics I (LN) or University Physics I (LN)	4
CHEM 3013	Survey of Organic Chemistry	3
General Education and Major courses		8
<b>Hours</b>		<b>15</b>
<b>Junior</b>		
<b>Fall</b>		
PHYS 1214 or PHYS 2114	College Physics II (LN) or University Physics II (LN)	4
BIOL 4700 or BIOL 4710	Undergraduate Research Problems or Internships in Integrative Biology	1
CHEM 3012	Survey of Organic Chemistry Laboratory	2
Major, College, and Elective courses		8
<b>Hours</b>		<b>15</b>
<b>Spring</b>		
BIOL 3104	Invertebrate Zoology	4
BIOL 3023	General Genetics	3
Major, College, and Elective courses		8
<b>Hours</b>		<b>15</b>
<b>Senior</b>		
<b>Fall</b>		
BIOL 3034	General Ecology	4
BIOL 3114	Vertebrate Zoology	4
Major, College, and Elective courses		7
<b>Hours</b>		<b>15</b>
<b>Spring</b>		
BIOL 3204	Physiology	4
BIOL 4133	Evolution	3
Major, College, and Elective courses		8
<b>Hours</b>		<b>15</b>
<b>Total Hours</b>		<b>120</b>

1

Speak with academic advisor about saving General Education electives and Humanities (H) for Upper-division courses with International (I) and Diversity (D) dimensions.

# Zoology: Ecology and Conservation Biology, BS

## Degree Requirements

**Requirements for Students Matriculating in or before Academic Year 2022-2023.** Learn more about University Academic Regulation 3.1 (p. 943).

**Minimum Overall Grade Point Average: 2.00**

**Total Hours: 120**

Code	Title	Hours
<b>General Education Requirements</b>		
<i>English Composition</i>		
See Academic Regulation 3.5 (p. 944)		
ENGL 1113 or ENGL 1313	Composition I Critical Analysis and Writing I	3
Select one of the following:		3
ENGL 1213	Composition II	
ENGL 1413	Critical Analysis and Writing II	
ENGL 3323	Technical Writing	
<i>American History &amp; Government</i>		
HIST 1103 or HIST 1483 or HIST 1493	Survey of American History American History to 1865 (H) American History Since 1865 (DH)	3
POLS 1113	American Government	3
<i>Analytical &amp; Quantitative Thought (A)</i>		
MATH 1813 or MATH 1613	Preparation for Calculus (A) (or higher) <sup>1</sup> Trigonometry (A)	3
STAT 4013 or STAT 2013	Statistical Methods I (A) <sup>1</sup> Elementary Statistics (A)	3
<i>Humanities (H)</i>		
Courses designated (H)		6
<i>Natural Sciences (N)</i>		
Must include one Laboratory Science (L) course		
PHYS 1114 or PHYS 2014	College Physics I (LN) <sup>1</sup> University Physics I (LN)	4
PHYS 1214 or PHYS 2114	College Physics II (LN) <sup>1</sup> University Physics II (LN)	4
<i>Social &amp; Behavioral Sciences (S)</i>		
Course designated (S)		3
<i>Additional General Education</i>		
Courses designated (A), (H), (N), or (S)		6
<b>Hours Subtotal</b>		<b>41</b>
<b>Diversity (D) &amp; International Dimension (I)</b>		
May be completed in any part of the degree plan		
Select at least one Diversity (D) course		
Select at least one International Dimension (I) course		
<b>College/Departmental Requirements</b>		
<i>First Year Seminar</i>		
(Transfer students with 15 hours exempt)		1
<i>Arts &amp; Humanities</i>		
See note 2.a.		3

### Natural & Mathematical Sciences

CHEM 1314	Chemistry I (LN)	4
CHEM 1515	Chemistry II (LN)	5

### Foreign Language

See note 3

0-6 hours

### Upper-Division General Education

Select 6 hours outside major department

See note 2.c.

**Hours Subtotal** **13**

### Major Requirements<sup>2</sup>

Minimum grade of "C" in each course.

#### Core Courses

BIOL 1113 & BIOL 1111 or BIOL 1114	Introductory Biology (N) and Introductory Biology Laboratory (LN) Introductory Biology (LN)	4
BIOL 1604	Animal Biology	4
BIOL 3023	General Genetics <sup>2</sup>	3
BIOL 3034	General Ecology	4
BIOL 3104	Invertebrate Zoology	4
BIOL 3114	Vertebrate Zoology	4
BIOL 3204	Physiology	4
BIOL 4133	Evolution <sup>2</sup>	3
BIOL 4700 or BIOL 4710	Undergraduate Research Problems (1 hour) Internships in Integrative Biology	1
MICR 2123 or MICR 3033	Introduction to Microbiology Cell and Molecular Biology	3

Select one of the following:

CHEM 3013 & CHEM 3012	Survey of Organic Chemistry and Survey of Organic Chemistry Laboratory	5
CHEM 3053 & CHEM 3112 & CHEM 3153	Organic Chemistry I and Organic Chemistry Laboratory and Organic Chemistry II	4

Select 4 additional hours upper-division BIOL courses with a laboratory in at least one course (excluding general education courses)

#### Related Courses

BIOL 3153	Animal Behavior	3
BIOL 3513	Principles of Conservation Biology	3
PBIO 1404 or PBIO 4005	Plant Biology (LN) Field Botany	4

#### Supplemental Courses

Select one of the following:

ENGL 3323	Technical Writing	3
ENVR 3113	Sampling and Analyses for Solving Environmental Problems	
GEOG 3023	Climatology (N)	
GEOG 3153	Conservation of Natural Resources (S)	
GEOG 4053	Biogeography	
GEOG 4073	Climate Change: Past, Present, and Future	
GEOG 4203	Fundamentals of Geographic Information Systems	

GEOL 3503	Environmental Geology (N)	
GEOL 4503	Introduction to Oceanography (N)	
NREM 3503	Principles of Wildlife Ecology and Management	
NREM 3523	Fish and Wildlife Population Biology	
NREM 4033	Ecology Of Invasive Species	
NREM 4043	Natural Resource Administration and Policy	
NREM 4443	Watershed Hydrology and Water Quality	
NREM 4523	Wildlife Management Techniques	
SOC 4433	Environmental Sociology (S)	
<b>Hours Subtotal</b>		<b>56</b>
<b>Electives<sup>2</sup></b>		
Select 10 hours		10
MATH 1513 required for students who do not place directly into MATH 1813 (or MATH 1613).		
May need to include 6 hours of a foreign language. (see note 3)		
May need to include 6 hours upper-division general education outside major department (see note 2.c.) and 7 additional upper-division hours		
PSYC 1113 and SOC 1113 recommended.		
<b>Hours Subtotal</b>		<b>10</b>
<b>Total Hours</b>		<b>120</b>

1

College and Departmental Requirements that may be used to meet General Education Requirements.

2

With approval from the advisor and department head and a minimum GPA of 3.0, a maximum of 30 hours from an accredited doctoral health program may be substituted for electives or major requirements other than BIOL 3023 General Genetics and BIOL 4133 Evolution.

## Other Requirements

- See the College of Arts and Sciences Requirements.
- Minimum 2.0 GPA in all BIOL courses.
- **Upper-Division Credit:** Total hours must include at least 48 hours in courses numbered 3000 or above.
- **Hours in One Department:** For B.A. and B.S. degrees, no more than 54 hours in one department may be applied to degree requirements.

## College of Arts and Sciences Requirements

### 1. General Education Requirements

No more than two courses (or eight hours) from the major department (<http://catalog.okstate.edu/college-arts-sciences-major-departments/>) may be used to meet General Education and College and Departmental Requirements. The General Education required English Composition, required U.S. History, required American Government, one required MATH or STAT course, and required foreign language for B.A. degrees do not count against the two-course maximum.

### 2. A&S College/Departmental Requirements

- Arts and Humanities are defined as any course carrying an (H) designation or courses from AMST, ART, DANC, ENGL (except ENGL 3323 Technical Writing) HIST, MUSI, PHIL (except

PHIL 1313 Logic and Critical Thinking (A), PHIL 3003 Symbolic Logic (A) and PHIL 4003 Mathematical Logic and Computability), REL, TH, and foreign languages.

- Natural and Mathematical Sciences are defined as any course from the following prefixes: ASTR, BIOC, BIOL, CHEM, CS (except CS 4883 Social Issues in Computing), GEOL, MATH, MICR, PBIO, PHYS, and STAT; or courses from other departments that carry an (A) or (N) general education designation.
- The required six hours of upper-division General Education may not include courses from the student's major department. This requirement may be satisfied by courses also used to satisfy any part of a student's degree program (i.e., in General Education, College Departmental Requirements, Major Requirements or Electives).
- Non-Western Studies Requirement for B.A. and B.F.A.; One 3-hour course in Non-Western Studies (N.W.). This requirement may be satisfied by courses also used to satisfy any part of a student's degree program (i.e., in General Education, College Departmental Requirements, Major Requirements or Electives).
- The College of Arts & Sciences requires a minimum 2.0 GPA in all major requirements and a minimum 2.0 GPA in all major-prefix courses applied to the degree.

### 3. Foreign Language Proficiency

- The foreign language requirement for the B.A. may be satisfied by 9 hours college credit in the same language, which must include 3 hours at the 2000-level, or equivalent proficiency (e.g., passing an advanced standing examination; TOEFL exam; presenting a high school transcript which demonstrates the high school was primarily conducted in a language other than English; etc.). Computer Science courses may not be used to satisfy this requirement. Currently Arabic and Mvskoke are not offered at the 2000-level at OSU.
- The foreign language requirement for the B.S., B.M. and B.F.A. may be satisfied by presenting a high school transcript which demonstrates two years of study of a single foreign language (passing grades at second-year level of study). It may also be satisfied by 6 hours college credit in the same language, which must include language courses 1713 and 1813, or equivalent proficiency (e.g., passing an advanced standing examination; TOEFL exam; presenting a high school transcript which demonstrates the high school was primarily conducted in a language other than English; etc.). Computer Science courses may not be used to satisfy this requirement.
- In addition to a. and b., students pursuing teacher certification must meet novice-high foreign language proficiency by presenting a high school transcript which demonstrates two years of study of a single foreign language with no grade below B. Or, students may complete 3 hours college credit in a single language with no grade below C (or pass an advanced standing examination, College Level Examination Program (CLEP) exam, or Oral Proficiency Interview developed by the American Council on the Teaching of Foreign Languages, equivalent to 3 hours of college credit.) Or, students may meet the requirement by transfer of documentation of meeting the foreign language competency from one of the teacher education programs in the State of Oklahoma approved by the Oklahoma State Regents for Higher Education.

### 4. Exclusions

- Courses used to satisfy the General Education English Composition, U.S. History, American Government, and

Mathematics or Statistics requirements will not count toward the 54-hour maximum allowed from one department.

- b. Courses with ATHL or LEIS prefixes and leisure activity courses may not be used for degree credit.

## Additional State/OSU Requirements

- At least: 60 hours at a four-year institution; 30 hours completed at OSU; 15 of the final 30 or 50% of the upper-division hours in the major field completed at OSU.
- Limit of: one-half of major course requirements as transfer work; one-fourth of hours earned by correspondence; 8 transfer correspondence hours.
- Students will be held responsible for degree requirements in effect at the time of matriculation and any changes that are made, so long as these changes do not result in semester credit hours being added or do not delay graduation.
- Degrees that follow this plan must be completed by the end of Summer 2028.

## Example Plan of Study

### Finish in Four Plan of Study

The plan below is an example of how students can successfully complete degree requirements in four years. This suggested class schedule plan may be used as a guide and can be adjusted based on individual needs. Students are required to meet with an academic advisor prior to enrollment each semester to plan their class schedule, and students are ultimately responsible for completing all degree requirements.

Course	Title	Hours
<b>Freshman</b>		
<b>Fall</b>		
ENGL 1113 or ENGL 1313	Composition I or Critical Analysis and Writing I	3
MATH 1513	College Algebra (A) (If required before MATH 1813)	3
BIOL 1113 & BIOL 1111	Introductory Biology (N) and Introductory Biology Laboratory (LN)	4
General Education courses		5
<b>Hours</b>		<b>15</b>
<b>Spring</b>		
ENGL 1213 or ENGL 1413	Composition II or Critical Analysis and Writing II	3
MATH 1813	Preparation for Calculus (A)	3
CHEM 1314	Chemistry I (LN)	4
General Education courses		5
<b>Hours</b>		<b>15</b>
<b>Sophomore</b>		
<b>Fall</b>		
CHEM 1515	Chemistry II (LN)	5
MICR 2123 or MICR 3033	Introduction to Microbiology or Cell and Molecular Biology	3
PBIO 1404	Plant Biology (LN)	4
STAT 4013 or STAT 2013	Statistical Methods I (A) or Elementary Statistics (A)	3
<b>Hours</b>		<b>15</b>
<b>Spring</b>		
BIOL 3513	Principles of Conservation Biology	3
BIOL 3204	Physiology	4
PHYS 1114 or PHYS 2014	College Physics I (LN) or University Physics I (LN)	4

General Education and Major courses		4
<b>Hours</b>		<b>15</b>
<b>Junior</b>		
<b>Fall</b>		
CHEM 3013 or CHEM 3053	Survey of Organic Chemistry or Organic Chemistry I	3
CHEM 3012	Survey of Organic Chemistry Laboratory	2
PHYS 1214 or PHYS 2114	College Physics II (LN) or University Physics II (LN)	4
Major, College, and Elective courses		6
<b>Hours</b>		<b>15</b>
<b>Spring</b>		
BIOL 3034	General Ecology	4
BIOL 4700 or BIOL 4710	Undergraduate Research Problems or Internships in Integrative Biology	1
Major, College, and Elective courses		10
<b>Hours</b>		<b>15</b>
<b>Senior</b>		
<b>Fall</b>		
BIOL 3023	General Genetics	3
BIOL 3153	Animal Behavior	3
BIOL 3104	Invertebrate Zoology	4
BIOL 3114	Vertebrate Zoology	4
Elective courses		1
<b>Hours</b>		<b>15</b>
<b>Spring</b>		
BIOL 4133	Evolution	3
Major and Elective courses		12
<b>Hours</b>		<b>15</b>
<b>Total Hours</b>		<b>120</b>



## Zoology: Pre-Medical Sciences, BS

### Degree Requirements

**Requirements for Students Matriculating in or before Academic Year 2022-2023.** Learn more about University Academic Regulation 3.1 (p. 943).

**Minimum Overall Grade Point Average: 2.00**

**Total Hours: 120**

Code	Title	Hours
<b>General Education Requirements</b>		
<i>English Composition</i>		
See Academic Regulation 3.5 (p. 944)		
ENGL 1113	Composition I	3
or ENGL 1313	Critical Analysis and Writing I	
Select one of the following:		3
ENGL 1213	Composition II	
ENGL 1413	Critical Analysis and Writing II	
ENGL 3323	Technical Writing	
<i>American History &amp; Government</i>		
HIST 1103	Survey of American History	3
or HIST 1483	American History to 1865 (H)	
or HIST 1493	American History Since 1865 (DH)	
POLS 1113	American Government	3
<i>Analytical &amp; Quantitative Thought (A)</i>		
MATH 1813	Preparation for Calculus (A) (or higher) <sup>1</sup>	3
or MATH 1613	Trigonometry (A)	
STAT 4013	Statistical Methods I (A) <sup>1</sup>	3
or STAT 2013	Elementary Statistics (A)	
<i>Humanities (H)</i>		
Courses designated (H)		6
<i>Natural Sciences (N)</i>		
Must include one Laboratory Science (L) course		
PHYS 1114	College Physics I (LN) <sup>1</sup>	4
or PHYS 2014	University Physics I (LN)	
PHYS 1214	College Physics II (LN) <sup>1</sup>	4
or PHYS 2114	University Physics II (LN)	
<i>Social &amp; Behavioral Sciences (S)</i>		
Course designated (S)		3
<i>Additional General Education</i>		
Courses designated (A), (H), (N), or (S)		6
<b>Hours Subtotal</b>		<b>41</b>
<b>Diversity (D) &amp; International Dimension (I)</b>		
May be completed in any part of the degree plan		
Select at least one Diversity (D) course		
Select at least one International Dimension (I) course		
<b>College/Departmental Requirements</b>		
<i>First Year Seminar</i>		
(Transfer students with 15 hours exempt)		1
<i>Arts &amp; Humanities</i>		
See note 2.a.		3
<i>Natural &amp; Mathematical Sciences</i>		

CHEM 1314	Chemistry I (LN)	4
CHEM 1515	Chemistry II (LN)	5
<i>Foreign Language</i>		
See note 3		
0-6 hours		
<i>Upper-Division General Education</i>		
Select 6 hours outside major department		
See note 2.c.		
<b>Hours Subtotal</b>		<b>13</b>
<b>Major Requirements <sup>2</sup></b>		
Minimum grade of "C" in each course.		
<i>Core Courses</i>		
BIOL 1113	Introductory Biology (N)	4
& BIOL 1111	and Introductory Biology Laboratory (LN)	
or BIOL 1114	Introductory Biology (LN)	
BIOL 1604	Animal Biology	4
BIOL 3023	General Genetics <sup>2</sup>	3
BIOL 3034	General Ecology	4
BIOL 3104	Invertebrate Zoology	4
or BIOL 4104	General Parasitology	
BIOL 3114	Vertebrate Zoology	4
BIOL 3204	Physiology	4
BIOL 4133	Evolution <sup>2</sup>	3
BIOL 4700	Undergraduate Research Problems (1 hour)	1
or BIOL 4710	Internships in Integrative Biology	
CHEM 3053	Organic Chemistry I	3
CHEM 3112	Organic Chemistry Laboratory	2
CHEM 3153	Organic Chemistry II	3
MICR 2123	Introduction to Microbiology	3
MICR 2132	Introduction to Microbiology Laboratory	2
MICR 3033	Cell and Molecular Biology	3
Select 4 hours upper-division BIOL courses with a laboratory in at least one course (excluding general education courses)		4
<i>Related Courses</i>		
BIOC 3653	Survey of Biochemistry	3
<i>Supplemental Courses</i>		
Select one of the following:		3
ENGL 3323	Technical Writing	
HLTH 3113	Health Issues in Diverse Populations (D)	
HIST 3913	History of Medicine (H)	
HIST 4523	American Environmental History (H)	
HHP 4063	Neuroanatomy	
PHIL 3833	Biomedical Ethics (H)	
PHIL 4713	Philosophy of Science (H)	
PHIL 4733	Philosophy of Biology (H)	
SOC 4153	Sociology of Health and Illness	
SOC 4433	Environmental Sociology (S)	
PSYC 3443	Abnormal Psychology (S)	
<b>Hours Subtotal</b>		<b>57</b>
<b>Electives <sup>2</sup></b>		
Select 9 hours		9



MATH 1513 required for students who do not place directly into MATH 1813 (or MATH 1613).

May need to include 6 hours of a foreign language. (see note 3)

May need to include 6 hours upper-division general education outside major department (see note 2.c.) and 4 additional upper-division hours

PSYC 1113 and SOC 1113 recommended.

<b>Hours Subtotal</b>	<b>9</b>
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<b>Total Hours</b>	<b>120</b>
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1

College and Departmental Requirements that may be used to meet General Education Requirements.

2

With approval from the advisor and department head and a minimum GPA of 3.0, a maximum of 30 hours from an accredited doctoral health program may be substituted for electives or major requirements other than BIOL 3023 General Genetics and BIOL 4133 Evolution.

Additional requirements for professional school admission exist.

View Admission Requirement Sheets at [prehealth.okstate.edu](http://prehealth.okstate.edu) (<http://prehealth.okstate.edu>).

## Other Requirements

- See the College of Arts and Sciences Requirements.
- Minimum 2.0 GPA in all BIOL courses.
- **Upper-Division Credit:** Total hours must include at least 48 hours in courses numbered 3000 or above.
- **Hours in One Department:** For B.A. and B.S. degrees, no more than 54 hours in one department may be applied to degree requirements.

## College of Arts and Sciences Requirements

### 1. General Education Requirements

No more than two courses (or eight hours) from the major department (<http://catalog.okstate.edu/college-arts-sciences-major-departments/>) may be used to meet General Education and College and Departmental Requirements. The General Education required English Composition, required U.S. History, required American Government, one required MATH or STAT course, and required foreign language for B.A. degrees do not count against the two-course maximum.

### 2. A&S College/Departmental Requirements

- Arts and Humanities are defined as any course carrying an (H) designation or courses from AMST, ART, DANC, ENGL (except ENGL 3323 Technical Writing) HIST, MUSI, PHIL (except PHIL 1313 Logic and Critical Thinking (A), PHIL 3003 Symbolic Logic (A) and PHIL 4003 Mathematical Logic and Computability), REL, TH, and foreign languages.
- Natural and Mathematical Sciences are defined as any course from the following prefixes: ASTR, BIOC, BIOL, CHEM, CS (except CS 4883 Social Issues in Computing), GEOL, MATH, MICR, PBIO, PHYS, and STAT; or courses from other departments that carry an (A) or (N) general education designation.
- The required six hours of upper-division General Education may not include courses from the student's major department. This requirement may be satisfied by courses also used to satisfy any part of a student's degree program (i.e., in General Education,

College Departmental Requirements, Major Requirements or Electives).

- Non-Western Studies Requirement for B.A. and B.F.A.; One 3-hour course in Non-Western Studies (N.W.). This requirement may be satisfied by courses also used to satisfy any part of a student's degree program (i.e., in General Education, College Departmental Requirements, Major Requirements or Electives).
  - The College of Arts & Sciences requires a minimum 2.0 GPA in all major requirements and a minimum 2.0 GPA in all major-prefix courses applied to the degree.
- ### 3. Foreign Language Proficiency
- The foreign language requirement for the B.A. may be satisfied by 9 hours college credit in the same language, which must include 3 hours at the 2000-level, or equivalent proficiency (e.g., passing an advanced standing examination; TOEFL exam; presenting a high school transcript which demonstrates the high school was primarily conducted in a language other than English; etc.). Computer Science courses may not be used to satisfy this requirement. Currently Arabic and Mvskoke are not offered at the 2000-level at OSU.
  - The foreign language requirement for the B.S., B.M. and B.F.A. may be satisfied by presenting a high school transcript which demonstrates two years of study of a single foreign language (passing grades at second-year level of study). It may also be satisfied by 6 hours college credit in the same language, which must include language courses 1713 and 1813, or equivalent proficiency (e.g., passing an advanced standing examination; TOEFL exam; presenting a high school transcript which demonstrates the high school was primarily conducted in a language other than English; etc.). Computer Science courses may not be used to satisfy this requirement.
  - In addition to a. and b., students pursuing teacher certification must meet novice-high foreign language proficiency by presenting a high school transcript which demonstrates two years of study of a single foreign language with no grade below B. Or, students may complete 3 hours college credit in a single language with no grade below C (or pass an advanced standing examination, College Level Examination Program (CLEP) exam, or Oral Proficiency Interview developed by the American Council on the Teaching of Foreign Languages, equivalent to 3 hours of college credit.) Or, students may meet the requirement by transfer of documentation of meeting the foreign language competency from one of the teacher education programs in the State of Oklahoma approved by the Oklahoma State Regents for Higher Education.

### 4. Exclusions

- Courses used to satisfy the General Education English Composition, U.S. History, American Government, and Mathematics or Statistics requirements will not count toward the 54-hour maximum allowed from one department.
- Courses with ATHL or LEIS prefixes and leisure activity courses may not be used for degree credit.

## Additional State/OSU Requirements

- At least: 60 hours at a four-year institution; 30 hours completed at OSU; 15 of the final 30 or 50% of the upper-division hours in the major field completed at OSU.
- Limit of: one-half of major course requirements as transfer work; one-fourth of hours earned by correspondence; 8 transfer correspondence hours.

- Students will be held responsible for degree requirements in effect at the time of matriculation and any changes that are made, so long as these changes do not result in semester credit hours being added or do not delay graduation.
- Degrees that follow this plan must be completed by the end of Summer 2028.

## Example Plan of Study

### Finish in Four Plan of Study

The plan below is an example of how students can successfully complete degree requirements in four years. This suggested class schedule plan may be used as a guide and can be adjusted based on individual needs. Students are required to meet with an academic advisor prior to enrollment each semester to plan their class schedule, and students are ultimately responsible for completing all degree requirements.

Course	Title	Hours
<b>Freshman</b>		
<b>Fall</b>		
ENGL 1113 or ENGL 1313	Composition I or Critical Analysis and Writing I	3
MATH 1813	Preparation for Calculus (A)	3
BIOL 1113 & BIOL 1111	Introductory Biology (N) and Introductory Biology Laboratory (LN)	4
General Education courses		4
<b>Hours</b>		<b>14</b>
<b>Spring</b>		
ENGL 1213 or ENGL 1413	Composition II or Critical Analysis and Writing II	3
CHEM 1314	Chemistry I (LN)	4
BIOL 1604	Animal Biology	4
General Education courses		5
<b>Hours</b>		<b>16</b>
<b>Sophomore</b>		
<b>Fall</b>		
CHEM 1515	Chemistry II (LN)	5
MICR 2123	Introduction to Microbiology	3
MICR 2132	Introduction to Microbiology Laboratory	2
General Education courses		6
<b>Hours</b>		<b>16</b>
<b>Spring</b>		
CHEM 3053	Organic Chemistry I	3
MICR 3033	Cell and Molecular Biology	3
BIOL 3204	Physiology	4
PHYS 1114 or PHYS 2014	College Physics I (LN) or University Physics I (LN)	4
<b>Hours</b>		<b>14</b>
<b>Junior</b>		
<b>Fall</b>		
CHEM 3153	Organic Chemistry II	3
CHEM 3112	Organic Chemistry Laboratory	2
BIOL 3023	General Genetics	3
PHYS 1214 or PHYS 2114	College Physics II (LN) or University Physics II (LN)	4
Major, College, and Elective courses		3
<b>Hours</b>		<b>15</b>
<b>Spring</b>		
BIOC 3653	Survey of Biochemistry	3
STAT 4013 or STAT 2013	Statistical Methods I (A) or Elementary Statistics (A)	3
BIOL 3104 or BIOL 4104	Invertebrate Zoology or General Parasitology	4

Major, College, and Elective courses		5
<b>Hours</b>		<b>15</b>
<b>Senior</b>		
<b>Fall</b>		
BIOL 3114	Vertebrate Zoology	4
BIOL 3034	General Ecology	4
BIOL 4700 or BIOL 4710	Undergraduate Research Problems or Internships in Integrative Biology	1
Major, College, and Elective courses		6
<b>Hours</b>		<b>15</b>
<b>Spring</b>		
BIOL 4133	Evolution	3
Major, College, and Elective courses (suggest PHIL 3833, PHIL 4713, PHIL 4733, or SOC 4153, or PSYC 3443)		12
<b>Hours</b>		<b>15</b>
<b>Total Hours</b>		<b>120</b>

## Zoology: Pre-Veterinary Sciences, BS

### Degree Requirements

**Requirements for Students Matriculating in or before Academic Year 2022-2023.** Learn more about University Academic Regulation 3.1 (p. 943).

**Minimum Overall Grade Point Average: 2.00**

**Total Hours: 120**

Code	Title	Hours
<b>General Education Requirements</b>		
<i>English Composition</i>		
See Academic Regulation 3.5 (p. 944)		
ENGL 1113	Composition I	3
or ENGL 1313	Critical Analysis and Writing I	
Select one of the following:		3
ENGL 1213	Composition II	
ENGL 1413	Critical Analysis and Writing II	
ENGL 3323	Technical Writing	
<i>American History &amp; Government</i>		
HIST 1103	Survey of American History	3
or HIST 1483	American History to 1865 (H)	
or HIST 1493	American History Since 1865 (DH)	
POLS 1113	American Government	3
<i>Analytical &amp; Quantitative Thought (A)</i>		
MATH 1813	Preparation for Calculus (A) (or higher) <sup>1</sup>	3
or MATH 1613	Trigonometry (A)	
STAT 4013	Statistical Methods I (A) <sup>1</sup>	3
or STAT 2013	Elementary Statistics (A)	
<i>Humanities (H)</i>		
Courses designated (H)		6
<i>Natural Sciences (N)</i>		
Must include one Laboratory Science (L) course		
PHYS 1114	College Physics I (LN) <sup>1</sup>	4
or PHYS 2014	University Physics I (LN)	
PHYS 1214	College Physics II (LN) <sup>1</sup>	4
or PHYS 2114	University Physics II (LN)	
<i>Social &amp; Behavioral Sciences (S)</i>		
Course designated (S)		3
<i>Additional General Education</i>		
Courses designated (A), (H), (N), or (S)		6
<b>Hours Subtotal</b>		<b>41</b>
<b>Diversity (D) &amp; International Dimension (I)</b>		
May be completed in any part of the degree plan		
Select at least one Diversity (D) course		
Select at least one International Dimension (I) course		
<b>College/Departmental Requirements</b>		
<i>First Year Seminar</i>		
(Transfer students with 15 hours exempt)		1
<i>Arts &amp; Humanities</i>		
See note 2.a.		3
<i>Natural &amp; Mathematical Sciences</i>		

CHEM 1314	Chemistry I (LN)	4
CHEM 1515	Chemistry II (LN)	5
<i>Foreign Language</i>		
See note 3		0
0-6 hours		
<i>Upper-Division General Education</i>		
Select 6 hours outside major department		
See note 2.c.		
<b>Hours Subtotal</b>		<b>13</b>
<b>Major Requirements <sup>2</sup></b>		
Minimum grade of "C" in each course.		
<i>Core Courses</i>		
BIOL 1113	Introductory Biology (N)	4
& BIOL 1111	and Introductory Biology Laboratory (LN)	
or BIOL 1114	Introductory Biology (LN)	
BIOL 1604	Animal Biology	4
BIOL 3023	General Genetics <sup>2</sup>	3
BIOL 3034	General Ecology	4
BIOL 3104	Invertebrate Zoology	4
or BIOL 4104	General Parasitology	
BIOL 3114	Vertebrate Zoology	4
BIOL 3204	Physiology	4
BIOL 4133	Evolution <sup>2</sup>	3
BIOL 4700	Undergraduate Research Problems (1 hour)	1
or BIOL 4710	Internships in Integrative Biology	
Organic Chemistry, Choose From:		5
CHEM 3013	Survey of Organic Chemistry	
& CHEM 3012	and Survey of Organic Chemistry Laboratory	
CHEM 3053	Organic Chemistry I	
& CHEM 3112	and Organic Chemistry Laboratory	
& CHEM 3153	and Organic Chemistry II	
MICR 2123	Introduction to Microbiology	3
MICR 2132	Introduction to Microbiology Laboratory	2
Select 7 hours additional upper-division BIOL courses with a laboratory in at least one course (excluding general education courses)		7
<i>Related Courses</i>		
ANSI 3543	Principles of Animal Nutrition	3
BIOC 3653	Survey of Biochemistry	3
<i>Supplemental Courses</i>		
Select one of the following:		3
ENGL 3323	Technical Writing	
HIST 3913	History of Medicine (H)	
HIST 4523	American Environmental History (H)	
NREM 4523	Wildlife Management Techniques	
PHIL 3703	Animal Ethics (H)	
PHIL 3833	Biomedical Ethics (H)	
PHIL 4713	Philosophy of Science (H)	
PHIL 4733	Philosophy of Biology (H)	
SOC 4433	Environmental Sociology (S)	
SOC 4453	Environmental Inequality (S)	
<b>Hours Subtotal</b>		<b>57</b>

<b>Electives</b> <sup>2</sup>	
Select 9 hours	9
MATH 1513 required for students who do not place directly into MATH 1813 (or MATH 1613).	
May need to include 6 hours of a foreign language. (see note 3)	
May need to include 6 hours upper-division general education outside major department (see note 2.c.) and 4 additional upper-division hours	
PSYC 1113 and SOC 1113 recommended.	
<b>Hours Subtotal</b>	<b>9</b>
<b>Total Hours</b>	<b>120</b>

1

College and Departmental Requirements that may be used to meet General Education Requirements.

2

With approval from the advisor and department head and a minimum GPA of 3.0, a maximum of 30 hours from an accredited doctoral health program may be substituted for electives or major requirements other than BIOL 3023 General Genetics and BIOL 4133 Evolution.

Additional requirements for professional school admission exist. View Admission Requirement Sheets at [prehealth.okstate.edu](http://prehealth.okstate.edu) (<http://prehealth.okstate.edu>).

## Other Requirements

- See the College of Arts and Sciences Requirements.
- Minimum 2.0 GPA in all BIOL courses.
- **Upper-Division Credit:** Total hours must include at least 48 hours in courses numbered 3000 or above.
- **Hours in One Department:** For B.A. and B.S. degrees, no more than 54 hours in one department may be applied to degree requirements.

## College of Arts and Sciences Requirements

### 1. General Education Requirements

No more than two courses (or eight hours) from the major department (<http://catalog.okstate.edu/college-arts-sciences-major-departments/>) may be used to meet General Education and College and Departmental Requirements. The General Education required English Composition, required U.S. History, required American Government, one required MATH or STAT course, and required foreign language for B.A. degrees do not count against the two-course maximum.

### 2. A&S College/Departmental Requirements

- Arts and Humanities are defined as any course carrying an (H) designation or courses from AMST, ART, DANC, ENGL (except ENGL 3323 Technical Writing) HIST, MUSI, PHIL (except PHIL 1313 Logic and Critical Thinking (A), PHIL 3003 Symbolic Logic (A) and PHIL 4003 Mathematical Logic and Computability), REL, TH, and foreign languages.
- Natural and Mathematical Sciences are defined as any course from the following prefixes: ASTR, BIOC, BIOL, CHEM, CS (except CS 4883 Social Issues in Computing), GEOL, MATH, MICR, PBIO, PHYS, and STAT; or courses from other departments that carry an (A) or (N) general education designation.

- The required six hours of upper-division General Education may not include courses from the student's major department. This requirement may be satisfied by courses also used to satisfy any part of a student's degree program (i.e., in General Education, College Departmental Requirements, Major Requirements or Electives).
- Non-Western Studies Requirement for B.A. and B.F.A.; One 3-hour course in Non-Western Studies (N.W.). This requirement may be satisfied by courses also used to satisfy any part of a student's degree program (i.e., in General Education, College Departmental Requirements, Major Requirements or Electives).
- The College of Arts & Sciences requires a minimum 2.0 GPA in all major requirements and a minimum 2.0 GPA in all major-prefix courses applied to the degree.

### 3. Foreign Language Proficiency

- The foreign language requirement for the B.A. may be satisfied by 9 hours college credit in the same language, which must include 3 hours at the 2000-level, or equivalent proficiency (e.g., passing an advanced standing examination; TOEFL exam; presenting a high school transcript which demonstrates the high school was primarily conducted in a language other than English; etc.). Computer Science courses may not be used to satisfy this requirement. Currently Arabic and Mvskoke are not offered at the 2000-level at OSU.
- The foreign language requirement for the B.S., B.M. and B.F.A. may be satisfied by presenting a high school transcript which demonstrates two years of study of a single foreign language (passing grades at second-year level of study). It may also be satisfied by 6 hours college credit in the same language, which must include language courses 1713 and 1813, or equivalent proficiency (e.g., passing an advanced standing examination; TOEFL exam; presenting a high school transcript which demonstrates the high school was primarily conducted in a language other than English; etc.). Computer Science courses may not be used to satisfy this requirement.
- In addition to a. and b., students pursuing teacher certification must meet novice-high foreign language proficiency by presenting a high school transcript which demonstrates two years of study of a single foreign language with no grade below B. Or, students may complete 3 hours college credit in a single language with no grade below C (or pass an advanced standing examination, College Level Examination Program (CLEP) exam, or Oral Proficiency Interview developed by the American Council on the Teaching of Foreign Languages, equivalent to 3 hours of college credit.) Or, students may meet the requirement by transfer of documentation of meeting the foreign language competency from one of the teacher education programs in the State of Oklahoma approved by the Oklahoma State Regents for Higher Education.

### 4. Exclusions

- Courses used to satisfy the General Education English Composition, U.S. History, American Government, and Mathematics or Statistics requirements will not count toward the 54-hour maximum allowed from one department.
- Courses with ATHL or LEIS prefixes and leisure activity courses may not be used for degree credit.

## Additional State/OSU Requirements

- At least: 60 hours at a four-year institution; 30 hours completed at OSU; 15 of the final 30 or 50% of the upper-division hours in the major field completed at OSU.
- Limit of: one-half of major course requirements as transfer work; one-fourth of hours earned by correspondence; 8 transfer correspondence hours.
- Students will be held responsible for degree requirements in effect at the time of matriculation and any changes that are made, so long as these changes do not result in semester credit hours being added or do not delay graduation.
- Degrees that follow this plan must be completed by the end of Summer 2028.

## Example Plan of Study

### Finish in Four Plan of Study

The plan below is an **example** of how students can successfully complete degree requirements in four years. This suggested class schedule plan may be used as a guide and can be adjusted based on individual needs. Students are required to meet with an academic advisor prior to enrollment each semester to plan their class schedule, and students are ultimately responsible for completing all degree requirements.

Course	Title	Hours
<b>Freshman</b>		
<b>Fall</b>		
ENGL 1113 or ENGL 1313	Composition I or Critical Analysis and Writing I	3
MATH 1813	Preparation for Calculus (A)	3
BIOL 1113 & BIOL 1111	Introductory Biology (N) and Introductory Biology Laboratory (LN)	4
General Education courses		5
<b>Hours</b>		<b>15</b>
<b>Spring</b>		
ENGL 1213 or ENGL 1413	Composition II or Critical Analysis and Writing II	3
CHEM 1314	Chemistry I (LN)	4
BIOL 1604	Animal Biology	4
General Education courses		4
<b>Hours</b>		<b>15</b>
<b>Sophomore</b>		
<b>Fall</b>		
CHEM 1515	Chemistry II (LN)	5
MICR 2123	Introduction to Microbiology	3
MICR 2132	Introduction to Microbiology Laboratory	2
STAT 4013 or STAT 2013	Statistical Methods I (A) or Elementary Statistics (A)	3
General Education courses		2
<b>Hours</b>		<b>15</b>
<b>Spring</b>		
BIOL 3204	Physiology	4
ANSI 3543	Principles of Animal Nutrition	3
PHYS 1114	College Physics I (LN)	4
College and Elective courses		4
<b>Hours</b>		<b>15</b>
<b>Junior</b>		
<b>Fall</b>		
CHEM 3013 or CHEM 3053	Survey of Organic Chemistry or Organic Chemistry I	3

CHEM 3012	Survey of Organic Chemistry Laboratory (If taking CHEM 3013)	2
PHYS 1214	College Physics II (LN)	4
Major, College, and Elective courses		6
<b>Hours</b>		<b>15</b>
<b>Spring</b>		
CHEM 3153	Organic Chemistry II	3
CHEM 3112	Organic Chemistry Laboratory (If CHEM 3053)	2
BIOL 4700 or BIOL 4710	Undergraduate Research Problems or Internships in Integrative Biology	1
BIOL 3034	General Ecology	4
College and Elective courses		5
<b>Hours</b>		<b>15</b>
<b>Senior</b>		
<b>Fall</b>		
BIOL 3023	General Genetics	3
BIOC 3653	Survey of Biochemistry	3
BIOL 3114	Vertebrate Zoology	4
BIOL 3104 or BIOL 4104	Invertebrate Zoology or General Parasitology	4
<b>Hours</b>		<b>14</b>
<b>Spring</b>		
BIOL 4133	Evolution	3
Major and Elective courses (suggest ENGL 3323)		13
<b>Hours</b>		<b>16</b>
<b>Total Hours</b>		<b>120</b>

1

Speak with academic advisor about saving General Education electives and Humanities (H) for Upper-division courses with International (I) and Diversity (D) dimensions.

# Zoology: Secondary Teacher Certification, BS

## Degree Requirements

**Requirements for Students Matriculating in or before Academic Year 2022-2023.** Learn more about University Academic Regulation 3.1 (p. 943).

**Minimum Overall Grade Point Average: 2.50**

**Total Hours: 120**

Code	Title	Hours
<b>General Education Requirements</b>		
<i>English Composition</i>		
See Academic Regulation 3.5 (p. 944)		
ENGL 1113	Composition I	3
or ENGL 1313	Critical Analysis and Writing I	
Select one of the following:		3
ENGL 1213	Composition II	
ENGL 1413	Critical Analysis and Writing II	
ENGL 3323	Technical Writing	
<i>American History &amp; Government</i>		
HIST 1103	Survey of American History	3
or HIST 1483	American History to 1865 (H)	
or HIST 1493	American History Since 1865 (DH)	
POLS 1113	American Government	3
<i>Analytical &amp; Quantitative Thought (A)</i>		
STAT 4013	Statistical Methods I (A) <sup>1,2</sup>	3
or STAT 2013	Elementary Statistics (A)	
MATH 1813	Preparation for Calculus (A) (or higher) <sup>1,2</sup>	3
or MATH 1613	Trigonometry (A)	
<i>Humanities (H)</i>		
PHIL 3933	Creation and Evolution <sup>1</sup>	3
Course Designated (H)		3
<i>Natural Sciences (N)</i>		
PHYS 1114	College Physics I (LN) <sup>1,2</sup>	4
or PHYS 2014	University Physics I (LN)	
PBIO 1404	Plant Biology (LN) <sup>1,2</sup>	4
Select four hours from the following:		4
BIOL 1113	Introductory Biology (N)	
& BIOL 1111	and Introductory Biology Laboratory (LN) <sup>1,2</sup>	
BIOL 1114	Introductory Biology (LN) <sup>1,2</sup>	
Must include one Laboratory Science (L) course.		
<i>Social &amp; Behavioral Sciences (S)</i>		
Course designated (S)		3
<i>Additional General Education</i>		
Courses designated (A), (H), (N), or (S)		1
<b>Hours Subtotal</b>		<b>40</b>

### Diversity (D) & International Dimension (I)

May be completed in any part of the degree plan

Select at least one Diversity (D) course.

Select at least one International Dimension (I) course.

<b>College/Departmental Requirements</b>		
<i>First Year Seminar</i>		
(Transfer students with 15 hours exempt.)		1
<i>Arts &amp; Humanities</i>		
(See note 2.a.)		3
<i>Natural &amp; Mathematical Sciences</i>		
CHEM 1314	Chemistry I (LN) <sup>2</sup>	4
CHEM 1515	Chemistry II (LN) <sup>2</sup>	5
<i>Foreign Language</i>		
(See note 3)		
0-6 hours		
<i>Upper-Division General Education</i>		
Select 6 hours outside major department		
(See note 2.c.)		
<b>Hours Subtotal</b>		<b>13</b>
<b>Major Requirements</b>		
<i>Zoology Core</i>		
Minimum GPA 2.50 and minimum grade of "C" or "P" for courses in Zoology Core and those denoted with <sup>2</sup>		
BIOL 1604	Animal Biology	4
BIOL 3023	General Genetics	3
BIOL 3034	General Ecology	4
BIOL 3104	Invertebrate Zoology	4
BIOL 3114	Vertebrate Zoology	4
BIOL 3204	Physiology	4
BIOL 4133	Evolution	3
CHEM 3013	Survey of Organic Chemistry	3
MICR 3033	Cell and Molecular Biology	3
<i>Secondary Education Professional Core:</i>		
Minimum GPA 2.50 and minimum grade of "C" or "P" in each course		
SMED 1012	Inquiry Approaches to Teaching	2
SMED 3013	Knowing and Learning in Mathematics and Science	3
SMED 4013	Classroom Interactions	3
SMED 4023	Problem-Based Learning in Mathematics and Science	3
SMED 4611	Authentic Research in the Science Classroom <sup>3</sup>	1
SMED 4613	Teaching the Nature of Science Through an Inquiry Approach <sup>3</sup>	3
SMED 4713	Teaching and Learning Science in the Secondary School <sup>3</sup>	3
SMED 4723	Senior Seminar in Secondary Mathematics and Science Education <sup>3</sup>	3
SPED 3202	Educating Exceptional Learners (D)	2
CIED 4720	Internship in the Secondary Classroom <sup>3</sup>	6
<b>Hours Subtotal</b>		<b>61</b>

### Electives

Select 6 hours

MATH 1513 required for students who do not place directly into MATH 1813 (or MATH 1613).

May need to include 6 hours of a foreign language (see note 3).



<b>Hours Subtotal</b>	<b>6</b>
<b>Total Hours</b>	<b>120</b>

1

College and Departmental Requirements that may be used to meet General Education Requirements.

2

Minimum GPA 2.50 and minimum grade of "C" or "P" for courses in Zoology Core and those denoted with this footnote.

3

Full admission to Professional Education required.

## Other Requirements

- See the College of Arts and Sciences Requirements.
- **Upper-Division Credit:** Total hours must include at least 48 hours in courses numbered 3000 or above.
- **Hours in One Department:** For B.A. and B.S. degrees, no more than 54 hours in one department may be applied to degree requirements.

## College of Arts and Sciences Requirements

### 1. General Education Requirements

No more than two courses (or eight hours) from the major department (<http://catalog.okstate.edu/college-arts-sciences-major-departments/>) may be used to meet General Education and College and Departmental Requirements. The General Education required English Composition, required U.S. History, required American Government, one required MATH or STAT course, and required foreign language for B.A. degrees do not count against the two-course maximum.

### 2. A&S College/Departmental Requirements

- Arts and Humanities are defined as any course carrying an (H) designation or courses from AMST, ART, DANC, ENGL (except ENGL 3323 Technical Writing) HIST, MUSI, PHIL (except PHIL 1313 Logic and Critical Thinking (A), PHIL 3003 Symbolic Logic (A) and PHIL 4003 Mathematical Logic and Computability), REL, TH, and foreign languages.
- Natural and Mathematical Sciences are defined as any course from the following prefixes: ASTR, BIOC, BIOL, CHEM, CS (except CS 4883 Social Issues in Computing), GEOL, MATH, MICR, PBIO, PHYS, and STAT; or courses from other departments that carry an (A) or (N) general education designation.
- The required six hours of upper-division General Education may not include courses from the student's major department. This requirement may be satisfied by courses also used to satisfy any part of a student's degree program (i.e., in General Education, College Departmental Requirements, Major Requirements or Electives).
- Non-Western Studies Requirement for B.A. and B.F.A.; One 3-hour course in Non-Western Studies (N.W.). This requirement may be satisfied by courses also used to satisfy any part of a student's degree program (i.e., in General Education, College Departmental Requirements, Major Requirements or Electives).
- The College of Arts & Sciences requires a minimum 2.0 GPA in all major requirements and a minimum 2.0 GPA in all major-prefix courses applied to the degree.

### 3. Foreign Language Proficiency

- The foreign language requirement for the B.A. may be satisfied by 9 hours college credit in the same language, which must include 3 hours at the 2000-level, or equivalent proficiency (e.g., passing an advanced standing examination; TOEFL exam; presenting a high school transcript which demonstrates the high school was primarily conducted in a language other than English; etc.). Computer Science courses may not be used to satisfy this requirement. Currently Arabic and Mvskoke are not offered at the 2000-level at OSU.
- The foreign language requirement for the B.S., B.M. and B.F.A. may be satisfied by presenting a high school transcript which demonstrates two years of study of a single foreign language (passing grades at second-year level of study). It may also be satisfied by 6 hours college credit in the same language, which must include language courses 1713 and 1813, or equivalent proficiency (e.g., passing an advanced standing examination; TOEFL exam; presenting a high school transcript which demonstrates the high school was primarily conducted in a language other than English; etc.). Computer Science courses may not be used to satisfy this requirement.
- In addition to a. and b., students pursuing teacher certification must meet novice-high foreign language proficiency by presenting a high school transcript which demonstrates two years of study of a single foreign language with no grade below B. Or, students may complete 3 hours college credit in a single language with no grade below C (or pass an advanced standing examination, College Level Examination Program (CLEP) exam, or Oral Proficiency Interview developed by the American Council on the Teaching of Foreign Languages, equivalent to 3 hours of college credit.) Or, students may meet the requirement by transfer of documentation of meeting the foreign language competency from one of the teacher education programs in the State of Oklahoma approved by the Oklahoma State Regents for Higher Education.

### 4. Exclusions

- Courses used to satisfy the General Education English Composition, U.S. History, American Government, and Mathematics or Statistics requirements will not count toward the 54-hour maximum allowed from one department.
- Courses with ATHL or LEIS prefixes and leisure activity courses may not be used for degree credit.

## Additional State/OSU Requirements

- At least: 60 hours at a four-year institution; 30 hours completed at OSU; 15 of the final 30 or 50% of the upper-division hours in the major field completed at OSU.
- Limit of: one-half of major course requirements as transfer work; one-fourth of hours earned by correspondence; 8 transfer correspondence hours.
- Students will be held responsible for degree requirements in effect at the time of matriculation and any changes that are made, so long as these changes do not result in semester credit hours being added or do not delay graduation.
- Degrees that follow this plan must be completed by the end of Summer 2028.

## Example Plan of Study

### Finish in Four Plan of Study

The plan below is an example of how students can successfully complete degree requirements in four years. This suggested class schedule plan may be used as a guide and can be adjusted based on individual needs. Students are required to meet with an academic advisor prior to enrollment each semester to plan their class schedule, and students are ultimately responsible for completing all degree requirements.

Course	Title	Hours
<b>Freshman</b>		
<b>Fall</b>		
A&S 1111	A&S First Year Seminar	1
ENGL 1113 or ENGL 1313	Composition I or Critical Analysis and Writing I	3
MATH 1813	Preparation for Calculus (A)	3
BIOL 1113 & BIOL 1111	Introductory Biology (N) and Introductory Biology Laboratory (LN)	4
SMED 1012	Inquiry Approaches to Teaching	2
General Education courses		3
<b>Hours</b>		<b>16</b>
<b>Spring</b>		
ENGL 1213 or ENGL 1413	Composition II or Critical Analysis and Writing II	3
CHEM 1314	Chemistry I (LN)	4
BIOL 1604	Animal Biology	4
General Education courses		4
<b>Hours</b>		<b>15</b>
<b>Sophomore</b>		
<b>Fall</b>		
CHEM 1515	Chemistry II (LN)	5
PBIO 1404	Plant Biology (LN)	4
PHIL 3933	Creation and Evolution	3
General Education courses		3
<b>Hours</b>		<b>15</b>
<b>Spring</b>		
BIOL 3104	Invertebrate Zoology	4
PHYS 1114 or PHYS 2014	College Physics I (LN) or University Physics I (LN)	4
SPED 3202	Educating Exceptional Learners (D)	2
SMED 3013	Knowing and Learning in Mathematics and Science	3
General Education and Major courses		3
<b>Hours</b>		<b>16</b>
<b>Junior</b>		
<b>Fall</b>		
BIOL 3023	General Genetics	3
BIOL 3114	Vertebrate Zoology	4
MICR 3033	Cell and Molecular Biology	3
SMED 4013	Classroom Interactions	3
General Education and College courses		3
<b>Hours</b>		<b>16</b>
<b>Spring</b>		
BIOL 4133	Evolution	3
CHEM 3013	Survey of Organic Chemistry	3
BIOL 3204	Physiology	4
SMED 4611	Authentic Research in the Science Classroom	1
SMED 4613	Teaching the Nature of Science Through an Inquiry Approach	3
Major, College, and Elective courses		3
<b>Hours</b>		<b>17</b>
<b>Senior</b>		
<b>Fall</b>		
BIOL 3034	General Ecology	4
STAT 4013 or STAT 2013	Statistical Methods I (A) or Elementary Statistics (A)	3

SMED 4023	Problem-Based Learning in Mathematics and Science	3
SMED 4713	Teaching and Learning Science in the Secondary School	3
General Education, College, and Elective courses		3
<b>Hours</b>		<b>16</b>
<b>Spring</b>		
CIED 4720	Internship in the Secondary Classroom	6
SMED 4723	Senior Seminar in Secondary Mathematics and Science Education	3
<b>Hours</b>		<b>9</b>
<b>Total Hours</b>		<b>120</b>

## Languages and Literatures

The Department of Languages and Literatures offers American Sign Language, French, German, and Spanish as major fields of study. Minors may be earned in American Sign Language, Chinese, French, German, ancient Greek, Japanese, Latin, Russian, and Spanish, or an Area Studies program.

In all languages offered by the department, elementary courses are available for students with no previous experience. Students with previous foreign language experience are strongly encouraged to take placement tests to find the course best suited for their level of proficiency. A language major is often supported by study of another language or work in other fields.

The study of languages is a vital and humanizing part of a general education and an excellent addition to just about any field of study. In a rapidly changing and shrinking world, it offers new cultural insights, breaks down insularity, fosters discipline of thought and expression, and leads to a better understanding of one's native language and culture. Language majors may expect to find openings in a wide variety of careers in law, medicine, government, industry and commerce. Job opportunities are greatly enhanced for those who combine language study with a dual degree or minor in other disciplines. There is a growing demand for language teachers in secondary education. Bachelor of Arts candidates may qualify for teaching licensure without increasing the number of hours required for graduation.

In addition to the standard courses in language, literature and civilization for individual languages, the department offers courses in literature in English translation for general education, and courses in German and Russian for reading knowledge.

### Courses

#### ASL 1713 American Sign Language I

**Description:** Introduction to American Sign Language: development of receptive and expressive skills in authentic situations and an introduction to Deaf Culture; fingerspelling, numbers, classifiers, and facial expressions. Not for native speakers per University Academic Regulations 4.9. Previously offered as ASL 1115.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Languages and Literatures

#### ASL 1813 American Sign Language II

**Prerequisites:** ASL 1713 or equivalent proficiency.

**Description:** Continuation of ASL 1713, further development of receptive and expressive skills in authentic situations and study of Deaf Culture. Learners are required to attend functions within the Deaf Community and focus on the different accents within sign language. Not for native speakers per University Academic Regulation 4.9. Previously offered as ASL 1225.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Languages and Literatures

#### ASL 2713 American Sign Language III

**Prerequisites:** ASL 1813 or equivalent proficiency.

**Description:** This course is designed to provide a development of skills in non-verbal communications and increased understanding of the types and uses of classifiers in ASL. Emphasizes the use and understanding of facial expression, gestures, pantomime, and body language. Students will develop further abilities to utilize this component of ASL in their expressive and receptive signing abilities. Not for native speakers per University Academic Regulation 4.9.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Languages and Literatures

#### ASL 2723 American Deaf Culture

**Prerequisites:** ASL 1813 or equivalent proficiency.

**Description:** This course provides an analysis of the development and historical overview of Deaf culture in the United States. Topics include: education of the D/deaf; Deaf films, theaters, arts, and clubs; preservation of American Sign Language; technology and services in the Deaf community. The student's acculturation process is facilitated by active participation in the Stillwater/Tulsa Deaf community. This course is taught in ASL.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Languages and Literatures

#### ASL 2813 Intermediate Grammar

**Prerequisites:** ASL 2713 or equivalent proficiency.

**Description:** This course delves into the grammatical structures in ASL; work on developing receptive skills for voicing. Continued work on production of ASL that includes pronominalization, classifiers and locatives, distributional, temporal, pluralization, and grammatical structures. Students will view and analyze ASL stories, and be required to go out to the community to gain further understanding of these issues firsthand. Not for native speakers per University Academic Regulation 4.9.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Languages and Literatures

#### ASL 2823 Cultural Diversity in the Deaf Community

**Prerequisites:** ASL 2723 or equivalent proficiency.

**Description:** This course covers ethnic and cultural diversity within the American Deaf community specifically. Deaf people of color. Students explore how biases and stereotypes form, do self-analysis and consider how these factors may impact their work as Deaf interpreters. Students also research a variety of organizations representing Deaf ethnic and cultural groups further developing their individual resources. Also examined are societal attitudes regarding disability in general and hearing loss and communication difficulties in particular.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Languages and Literatures

**ASL 3113 Cognitive Processing****Prerequisites:** ASL 2813 or equivalent proficiency.**Description:** This course introduces cognitive processes of communication. Cognitive processing underlies some of the more complex aspects of simultaneous interpreting. Topics to be covered in the course include language and intralingual skills, memory, comprehension, and routinization of complex cognitive linguistic tasks. Students will develop further abilities to utilize this component of ASL in their expressive and receptive signing abilities.**Credit hours:** 3**Contact hours:** Lecture: 3 Contact: 3**Levels:** Undergraduate**Schedule types:** Lecture**Department/School:** Languages and Literatures**ASL 3123 Translation****Prerequisites:** ASL 3113 or equivalent proficiency.**Description:** This course focuses on developing translation skills. Translation skills are critical in delivering message equivalence between languages. Emphasis will be on preparing to translate, interlingual meaning transfer, target language form, framing the cognitive interpreting process, and norms of diverse linguistic populations. The translation skills acquired from this course serve as a foundation for consecutive and simultaneous interpreting.**Credit hours:** 3**Contact hours:** Lecture: 3 Contact: 3**Levels:** Undergraduate**Schedule types:** Lecture**Department/School:** Languages and Literatures**ASL 3500 Interpreting Special Areas****Prerequisites:** Consent of instructor.**Description:** Instruction and/or tutorial work in American Sign Languages other than those offered in the major program. Offered for variable credit, 1-6 credit hours, maximum of 20 credit hours.**Credit hours:** 1-6**Contact hours:** Contact: 1-6 Other: 1-6**Levels:** Undergraduate**Schedule types:** Independent Study**Department/School:** Languages and Literatures**ASL 3713 Introduction to Interpreting****Prerequisites:** ASL 2813 or equivalent proficiency.**Description:** Learners analyze the conceptual English meaning and produce equivalent meaning in ASL; take idiomatic features and voice into English; expand their knowledge of the linguistic, grammatical, conceptual, morphemic, and idiomatic features in American Sign Language vs. English; voice or sign for equivalent meaning.**Credit hours:** 3**Contact hours:** Lecture: 3 Contact: 3**Levels:** Undergraduate**Schedule types:** Lecture**Department/School:** Languages and Literatures**ASL 3723 Science, Technology, Engineering, and Math I****Prerequisites:** ASL 2813 or equivalent proficiency.**Description:** This course will provide an interdisciplinary approach to integrating STEM into practice across the disciplines. The course will involve participation in problem-based and project-based learning activities, mathematics and science, inquiries learning tasks, and using technology to gain and display information. Students will practice backwards design to develop their own STEM learning activity. This course will be taught in total immersion of ASL during introductions and activities.**Credit hours:** 3**Contact hours:** Lecture: 3 Contact: 3**Levels:** Undergraduate**Schedule types:** Lecture**Department/School:** Languages and Literatures**ASL 3813 Linguistics of American Sign Language****Prerequisites:** ASL 2813 or equivalent proficiency.**Description:** Presents authoritative readings on the most current linguistic concepts, including the fundamentals of phonology, morphology, syntax, semantics, and the use of language; stimulate discussion about the ongoing development of ASL linguistic theory; look at groundbreaking research on iconic signs in ASL, variation in ASL, different functions of space in ASL, and the artistic forms of ASL. Previously offered as ASL 3503.**Credit hours:** 3**Contact hours:** Lecture: 3 Contact: 3**Levels:** Undergraduate**Schedule types:** Lecture**Department/School:** Languages and Literatures**ASL 3823 Science, Technology, Engineering, and Math II****Prerequisites:** ASL 3723 or equivalent proficiency.**Description:** This course is a continuation of STEM 1 and will provide an interdisciplinary approach to integrating STEM into practice across the disciplines. The course will involve participation in problem-based and project-based learning activities, mathematics and science, inquiries learning tasks, and using technology to gain and display information. We will also delve into arts, health, and other technical aspects of educational arenas. Students will practice backwards design to develop their own STEM learning activity. This course will be taught in total immersion of ASL during introductions and activities.**Credit hours:** 3**Contact hours:** Lecture: 3 Contact: 3**Levels:** Undergraduate**Schedule types:** Lecture**Department/School:** Languages and Literatures**ASL 4333 Sign to Voice to Sign****Prerequisites:** ASL 2813 or equivalent proficiency.**Description:** Students will work on the skills of interpreting and transliterating, on voicing skills (sign to voice) and signing skills (voice to sign) by using conceptually accurate signs, classifiers and English sentences (for voicing). Students will also work on the processes of interpreting and transliterating, record these and work on lag time, facial expressions, and accuracy, if permitted, will work within a real setting to practice skills.**Credit hours:** 3**Contact hours:** Lecture: 3 Contact: 3**Levels:** Undergraduate**Schedule types:** Lecture**Department/School:** Languages and Literatures

**ASL 4550 Seminar in ASL****Prerequisites:** Consent of instructor.**Description:** Readings and discussion of vital subjects in American Sign Language. Offered for variable credit, 1-3 credit hours, maximum of 9 credit hours.**Credit hours:** 1-3**Contact hours:** Contact: 1-3 Other: 1-3**Levels:** Undergraduate**Schedule types:** Independent Study**Department/School:** Languages and Literatures**ASL 4713 American Sign Language Literature****Prerequisites:** ASL 2813 or equivalent proficiency.**Description:** Focus on ASL literature and narrations. Use of authentic stories from deaf presenters. Creation of poems and narrative stories that follow ASL structure and grammatical rules based on stories and history gleaned of the community of the Deaf World.**Credit hours:** 3**Contact hours:** Lecture: 3 Contact: 3**Levels:** Undergraduate**Schedule types:** Lecture**Department/School:** Languages and Literatures**ASL 4723 Simultaneous Interpreting****Prerequisites:** ASL 3723 or equivalent proficiency.**Description:** This course is a continuation of consecutive interpreting and focuses on English and ASL simultaneous interpreting skills. Course topics include identifying sources of error, comprehension, transfer, reformulation, and self-monitoring. Students will also further develop their linguistic competencies of ASL and English.**Credit hours:** 3**Contact hours:** Lecture: 3 Contact: 3**Levels:** Undergraduate**Schedule types:** Lecture**Department/School:** Languages and Literatures**ASL 4813 Ethics for Interpreters****Prerequisites:** ASL 2813 or equivalent proficiency.**Description:** Understand the purpose and obligations of an interpreter; how this role will affect the interpreter as well as others, since all actions have consequences. Look at stakeholders and short-term and long-term effects of decisions made and be able to support those decisions with ethical standards. Preparation to take the State of Oklahoma Quality Assurance Screening Test (QAST) by the end of the course. Previously offered as ASL 3603.**Credit hours:** 3**Contact hours:** Lecture: 3 Contact: 3**Levels:** Undergraduate**Schedule types:** Lecture**Department/School:** Languages and Literatures**CHIN 1713 Elementary Chinese I****Description:** Basic introduction to spoken Mandarin Chinese and Chinese characters. Training in pronunciation, conversation, grammar and reading. Not for native speakers per University Academic Regulation 4.9. Previously offered as CHIN 1115.**Credit hours:** 3**Contact hours:** Lecture: 3 Contact: 3**Levels:** Undergraduate**Schedule types:** Lecture**Department/School:** Languages and Literatures**CHIN 1813 Elementary Chinese II****Prerequisites:** CHIN 1713 or equivalent proficiency.**Description:** Continuation of CHIN 1713. Mastery of the basic grammatical patterns and conversational principles, and increasing repertory of Chinese characters. Not for native speakers per University Academic Regulation 4.9. Previously offered as CHIN 1225.**Credit hours:** 3**Contact hours:** Lecture: 3 Contact: 3**Levels:** Undergraduate**Schedule types:** Lecture**Department/School:** Languages and Literatures**CHIN 2713 Intermediate Chinese I****Prerequisites:** CHIN 1813 or equivalent proficiency.**Description:** A continuation of CHIN 1813. Emphasis on fluency in spoken Mandarin Chinese, structures of greater complexity, a greater repertory of characters and vocabulary items, and reading ability. Not for native speakers per University Academic Regulation 4.9. Previously offered as CHIN 2115.**Credit hours:** 3**Contact hours:** Lecture: 3 Contact: 3**Levels:** Undergraduate**Schedule types:** Lecture**Department/School:** Languages and Literatures**CHIN 2813 Intermediate Chinese II****Prerequisites:** CHIN 2713 or equivalent proficiency.**Description:** Continuation of CHIN 2713. Not for native speakers per University Academic Regulation 4.9. Previously offered as CHIN 2225.**Credit hours:** 3**Contact hours:** Lecture: 3 Contact: 3**Levels:** Undergraduate**Schedule types:** Lecture**Department/School:** Languages and Literatures**CHIN 3343 Business Chinese****Prerequisites:** CHIN 2813 or equivalent proficiency.**Description:** This course is designed to help students build upon their fundamental Chinese language communication skills by using professional and formal business tools such as letters, reports, news, and oral presentations in structured business environments.**Credit hours:** 3**Contact hours:** Lecture: 3 Contact: 3**Levels:** Undergraduate**Schedule types:** Lecture**Department/School:** Languages and Literatures**CHIN 3713 Chinese Culture (I)****Description:** Historical, cultural, social, economic, and political aspects of China.**Credit hours:** 3**Contact hours:** Lecture: 3 Contact: 3**Levels:** Undergraduate**Schedule types:** Lecture**Department/School:** Languages and Literatures**General Education and other Course Attributes:** International Dimension



**CHIN 3813 Chinese Literature in Translation**

**Description:** Development of student competence in reading a wide variety of materials by contemporary Chinese writers. Previously offered as CHIN 4133.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Languages and Literatures

**CHIN 4713 Advanced Readings in Chinese**

**Prerequisites:** CHIN 2813 or equivalent proficiency.

**Description:** Development of student competence in reading a wide variety of materials by contemporary Chinese writers. Previously offered as CHIN 3133.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Languages and Literatures

**CHIN 4813 Advanced Chinese Conversation**

**Prerequisites:** CHIN 2813 or equivalent proficiency.

**Description:** Development of general oral and aural proficiency. Previously offered as CHIN 3013.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Languages and Literatures

**FREN 1713 Elementary French I**

**Description:** Main elements of grammar and pronunciation, with work on the four basic skills of listening comprehension, speaking, reading and writing. Not for native speakers per University Academic Regulation 4.9. Previously offered as FREN 1115.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Languages and Literatures

**FREN 1813 Elementary French II**

**Prerequisites:** FREN 1713 or equivalent proficiency.

**Description:** Continuation of FREN 1713. Not for native speakers per University Academic Regulation 4.9. Previously offered as FREN 1225.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Languages and Literatures

**FREN 2713 Intermediate Reading and Conversation I (I)**

**Prerequisites:** FREN 1813 or equivalent proficiency.

**Description:** Reading and discussion of simpler French texts, mostly cultural. May be taken concurrently with other 2000-level French courses. Not for native speakers per University Academic Regulation 4.9. Previously offered as FREN 2112.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Languages and Literatures

**General Education and other Course Attributes:** International Dimension

**FREN 2723 Intermediate Grammar and Composition I**

**Prerequisites:** FREN 1813 or equivalent proficiency.

**Description:** Review and further presentation of grammar and pronunciation; consolidation of basic skills, with additional emphasis on writing. May be taken concurrently with other 2000-level French courses. Not for native speakers per University Academic Regulation 4.9. Previously offered as FREN 2113.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Languages and Literatures

**FREN 2813 Intermediate Reading and Conversation II**

**Prerequisites:** FREN 2713 or equivalent proficiency.

**Description:** Reading and discussion of more advanced French texts, mostly literary. May be taken concurrently with other 2000-level French courses. Not for native speakers per University Academic Regulation 4.9. Previously offered as FREN 2232.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Languages and Literatures

**FREN 2823 Intermediate Grammar & Comp II**

**Prerequisites:** FREN 2723 or equivalent proficiency.

**Description:** Continuation of FREN 2723. May be taken concurrently with other 2000-level French courses. Not for native speakers per University Academic Regulation 4.9.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Languages and Literatures

**FREN 3073 French Conversation**

**Prerequisites:** 18 hours of French or equivalent proficiency.

**Description:** Colloquial speech, with discussion of French newspapers and magazines. Practice in brief public address in French.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Languages and Literatures

**FREN 3203 Advanced Written Expression**

**Prerequisites:** 18 hours of French or equivalent proficiency.

**Description:** Practice in composition and stylistics, designed to bring students up to a high level of proficiency in writing.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Languages and Literatures

**FREN 3213 Advanced Grammar**

**Prerequisites:** 18 hours of French or equivalent proficiency.

**Description:** Conceptual framework and presentation of the finer points of French grammar.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Languages and Literatures



**FREN 3343 Business French**

**Prerequisites:** 18 hours of French or equivalent proficiency.  
**Description:** Applied French for students in commercial and technical fields. Overview and strategies of business and economic climate in France.  
**Credit hours:** 3  
**Contact hours:** Lecture: 3 Contact: 3  
**Levels:** Undergraduate  
**Schedule types:** Lecture  
**Department/School:** Languages and Literatures

**FREN 3463 Advanced Diction and Phonetics**

**Prerequisites:** 18 hours of French or equivalent proficiency.  
**Description:** Required course for teacher certification. French speech sounds and intonation patterns, with practice to improve the student's pronunciation.  
**Credit hours:** 3  
**Contact hours:** Lecture: 3 Contact: 3  
**Levels:** Undergraduate  
**Schedule types:** Lecture  
**Department/School:** Languages and Literatures

**FREN 3853 Introduction to Analysis of French Literature**

**Prerequisites:** 18 hours of French or equivalent proficiency.  
**Description:** Close reading of shorter texts in a variety of literary genres, with presentation of French versification and literary terminology.  
**Credit hours:** 3  
**Contact hours:** Lecture: 3 Contact: 3  
**Levels:** Undergraduate  
**Schedule types:** Lecture  
**Department/School:** Languages and Literatures

**FREN 4153 Survey of French Literature I**

**Prerequisites:** 18 hours of French or equivalent proficiency.  
**Description:** Historical survey of French literature before 1800, with reading of representative texts.  
**Credit hours:** 3  
**Contact hours:** Lecture: 3 Contact: 3  
**Levels:** Undergraduate  
**Schedule types:** Lecture  
**Department/School:** Languages and Literatures

**FREN 4173 Survey of French Literature II**

**Prerequisites:** 18 hours of French or equivalent proficiency.  
**Description:** Historical survey of French literature since 1800, with reading of representative texts.  
**Credit hours:** 3  
**Contact hours:** Lecture: 3 Contact: 3  
**Levels:** Undergraduate  
**Schedule types:** Lecture  
**Department/School:** Languages and Literatures

**FREN 4333 Background of Modern French Civilization**

**Prerequisites:** 18 hours of French or equivalent proficiency.  
**Description:** General overview of French history, geography, and culture, with emphasis on art, music, and intellectual movements. Capstone course.  
**Credit hours:** 3  
**Contact hours:** Lecture: 3 Contact: 3  
**Levels:** Undergraduate  
**Schedule types:** Lecture  
**Department/School:** Languages and Literatures

**FREN 4550 Directed Studies in French**

**Prerequisites:** 18 credit hours of French or equivalent proficiency.  
**Description:** Individual or group study of French language or literature. Offered for variable credit, 1-3 credit hours, maximum of 9 credit hours.  
**Credit hours:** 1-3  
**Contact hours:** Contact: 1-3 Other: 1-3  
**Levels:** Undergraduate  
**Schedule types:** Independent Study  
**Department/School:** Languages and Literatures

**FREN 4573 Modern French Theater**

**Prerequisites:** 18 hours of French or equivalent proficiency.  
**Description:** Analysis of French plays from the 19th and 20th centuries.  
**Credit hours:** 3  
**Contact hours:** Lecture: 3 Contact: 3  
**Levels:** Undergraduate  
**Schedule types:** Lecture  
**Department/School:** Languages and Literatures

**FREN 5110 Advanced Studies in French**

**Prerequisites:** 15 credit hours of upper-division French.  
**Description:** Discussion or research in specialized topics. Offered for variable credit, 1-3 credit hours, maximum of 9 credit hours.  
**Credit hours:** 1-3  
**Contact hours:** Contact: 1-3 Other: 1-3  
**Levels:** Graduate  
**Schedule types:** Independent Study  
**Department/School:** Languages and Literatures

**GREK 1713 Elementary Classical Greek I**

**Description:** Grammar and vocabulary of ancient Greek. Previously offered as GREK 1113.  
**Credit hours:** 3  
**Contact hours:** Lecture: 3 Contact: 3  
**Levels:** Undergraduate  
**Schedule types:** Lecture  
**Department/School:** Languages and Literatures

**GREK 1813 Elementary Classical Greek II**

**Prerequisites:** GREK 1713 or equivalent proficiency.  
**Description:** A continuation of GREK 1713. Grammar and readings of classical Greek authors. Previously offered as GREK 1223.  
**Credit hours:** 3  
**Contact hours:** Lecture: 3 Contact: 3  
**Levels:** Undergraduate  
**Schedule types:** Lecture  
**Department/School:** Languages and Literatures

**GREK 2713 Elementary Classical Greek III**

**Prerequisites:** GREK 1813 or equivalent proficiency.  
**Description:** A continuation of GREK 1813. Grammar and readings of classical Greek authors. Previously offered as GREK 2113.  
**Credit hours:** 3  
**Contact hours:** Lecture: 3 Contact: 3  
**Levels:** Undergraduate  
**Schedule types:** Lecture  
**Department/School:** Languages and Literatures

**GREK 2813 Intermediate Readings**

**Prerequisites:** GREK 2713 or equivalent proficiency.

**Description:** An introduction to a variety of classical authors to increase reading facility and grammatical comprehension. Previously offered as GREK 2213.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Languages and Literatures

**GREK 3330 Advanced Readings**

**Prerequisites:** GREK 2813 or equivalent proficiency.

**Description:** Prose authors, epic poetry, drama, Koine Greek and religious texts. Offered for variable credit, 1-6 credit hours, maximum of 9 credit hours.

**Credit hours:** 1-6

**Contact hours:** Contact: 1-6 Other: 1-6

**Levels:** Undergraduate

**Schedule types:** Independent Study

**Department/School:** Languages and Literatures

**GREK 4113 Greek Literature in Translation (H)**

**Description:** Readings of significant works from ancient Greek literature and philosophy in English translation, from Homer through Aristotle.

Readings and classes conducted in English.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Languages and Literatures

**General Education and other Course Attributes:** Humanities

**GRMN 1713 Elementary German I**

**Description:** Main elements of grammar and pronunciation, with work on the four basic skills of listening comprehension, speaking, reading and writing. Not for native speakers per University Academic Regulation 4.9. Previously offered as GRMN 1115.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Languages and Literatures

**GRMN 1813 Elementary German II**

**Prerequisites:** GRMN 1713 or equivalent proficiency.

**Description:** Continuation of GRMN 1713. Not for native speakers per University Academic Regulation 4.9. Previously offered as GRMN 1225.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Languages and Literatures

**GRMN 2713 Reading and Conversation I (I)**

**Prerequisites:** GRMN 1813 or equivalent proficiency.

**Description:** Selection from German contemporary cultural reading materials and study of colloquial speech patterns. Not for native speakers per University Academic Regulation 4.9. Previously offered as GRMN 2112.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Languages and Literatures

**General Education and other Course Attributes:** International Dimension

**GRMN 2723 Intermediate Grammar and Composition I**

**Prerequisites:** GRMN 1813 or equivalent proficiency.

**Description:** Review and expansion of German grammar and composition. Not for native speakers per University Academic Regulation 4.9. Previously offered as GRMN 2113.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Languages and Literatures

**GRMN 2813 Reading and Conversation II**

**Prerequisites:** GRMN 1813 or equivalent proficiency.

**Description:** Reading/viewing and analysis of prose, drama and poetry, and film for building literary and cultural appreciation. May be taken concurrently with other 2000-level German courses. Not for native speakers per University Academic Regulation 4.9. Previously offered as GRMN 2223.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Languages and Literatures

**GRMN 2823 Intermediate Grammar and Composition II (I)**

**Prerequisites:** GRMN 2723 or equivalent proficiency.

**Description:** Continuation of GRMN 2723 with further work in grammar and composition. Not for native speakers per University Academic Regulation 4.9. Previously offered as GRMN 2222.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Languages and Literatures

**General Education and other Course Attributes:** International Dimension

**GRMN 2890 Honors Experience in German**

**Prerequisites:** Honors Program participation and concurrent enrollment in a designated German course.

**Description:** A supplemental Honors experience in German to partner concurrently with designated German courses. This course adds a different intellectual dimension to the designated courses. Offered for fixed credit, 1 credit hour.

**Credit hours:** 1

**Contact hours:** Lecture: 1 Contact: 1

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Languages and Literatures

**General Education and other Course Attributes:** Honors Credit

**GRMN 3013 German for Reading Requirements I**

**Description:** Reading in the humanities and the sciences. Translation from German to English.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Languages and Literatures

**GRMN 3023 German for Reading Requirements II**

**Prerequisites:** GRMN 3013 or equivalent.

**Description:** Intermediate and advanced reading in the humanities and sciences. Translation from German to English.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Languages and Literatures

**GRMN 3343 German for Professional Purposes**

**Prerequisites:** 18 hours of German or equivalent proficiency.

**Description:** Business concepts, practices and the expectations of professional life in Germany. Focus on specialized vocabulary and business correspondence.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Languages and Literatures

**GRMN 3463 Advanced Diction and Phonetics**

**Prerequisites:** 18 credit hours of German or equivalent proficiency.

**Description:** German speech sounds and intonation patterns. Practice to improve the student's pronunciation. Required course for teacher certification.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Languages and Literatures

**GRMN 3501 Orientation to Internship Abroad**

**Prerequisites:** 18 hours of German or equivalent proficiency.

**Description:** Preparation for residential internship in a German speaking country. Culture, civilization, and contemporary conditions, and communication for students accepted for international cooperative education program. Previously offered as GRMN 3902.

**Credit hours:** 1

**Contact hours:** Lecture: 1 Contact: 1

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Languages and Literatures

**GRMN 3502 Internship Abroad**

**Prerequisites:** 18 hours of German or equivalent proficiency.

**Description:** Practical studies in a German-speaking country. Supervised research papers and reports and oral testing during and following the practicum. Previously offered as GRMN 3903.

**Credit hours:** 2

**Contact hours:** Lecture: 2 Contact: 2

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Languages and Literatures

**GRMN 3803 Advanced Conversation**

**Prerequisites:** 18 hours of German or equivalent proficiency.

**Description:** Colloquial speech forms and sentence structure. Practice in brief public address in German.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Languages and Literatures

**GRMN 3813 Advanced Grammar and Composition**

**Prerequisites:** 18 hours of German or equivalent proficiency.

**Description:** Practice in original composition in German. Problematic points of German grammar and stylistics.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Languages and Literatures

**GRMN 4113 German Literature in Translation (I)**

**Description:** Influential German, Austrian, and Swiss novels, short stories, plays, and poetry in translation. Discussion to see how they reflect social, literary, and philosophical state of the society at the time. Will be exposed to different themes as well as genres. May focus on literary production either of a certain time frame or follow a theme through centuries.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Languages and Literatures

**General Education and other Course Attributes:** International Dimension

**GRMN 4153 Survey of German Literature I**

**Prerequisites:** 18 hours of German or equivalent proficiency.

**Description:** German literature from the beginning to 1785.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Languages and Literatures

**GRMN 4163 Survey of German Literature II**

**Prerequisites:** 18 hours of German or equivalent proficiency.

**Description:** German literature from 1785 to the present.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Languages and Literatures

**GRMN 4333 Backgrounds of Modern German Civilization**

**Prerequisites:** 18 hours of German or equivalent proficiency.

**Description:** Historical, cultural, political and literary trends in the formation of German civilization.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Languages and Literatures

**GRMN 4343 Modern Germany**

**Prerequisites:** 18 hours of German or equivalent proficiency.  
**Description:** The major cultural, social and political forces that have shaped the Germany of today. Previously offered as GRMN 3333.  
**Credit hours:** 3  
**Contact hours:** Lecture: 3 Contact: 3  
**Levels:** Undergraduate  
**Schedule types:** Lecture  
**Department/School:** Languages and Literatures

**GRMN 4513 The Age of Goethe**

**Prerequisites:** 18 hours of German or equivalent proficiency.  
**Description:** Principal figures of German Classicism and Romanticism.  
**Credit hours:** 3  
**Contact hours:** Lecture: 3 Contact: 3  
**Levels:** Undergraduate  
**Schedule types:** Lecture  
**Department/School:** Languages and Literatures

**GRMN 4523 19th Century German Literature**

**Prerequisites:** 18 hours of German or equivalent proficiency.  
**Description:** Prose, lyric and drama from Romanticism to Naturalism.  
**Credit hours:** 3  
**Contact hours:** Lecture: 3 Contact: 3  
**Levels:** Undergraduate  
**Schedule types:** Lecture  
**Department/School:** Languages and Literatures

**GRMN 4543 Contemporary German Literature**

**Prerequisites:** 18 hours of German or equivalent proficiency.  
**Description:** Main currents in German, Swiss, and Austrian literature from Naturalism until present day.  
**Credit hours:** 3  
**Contact hours:** Lecture: 3 Contact: 3  
**Levels:** Undergraduate  
**Schedule types:** Lecture  
**Department/School:** Languages and Literatures

**GRMN 4550 Studies in German**

**Prerequisites:** 18 credit hours of German or equivalent proficiency.  
**Description:** Reading and discussion of vital subjects in German. Offered for variable credit, 1-3 credit hours, maximum of 9 credit hours.  
**Credit hours:** 1-3  
**Contact hours:** Contact: 1-3 Other: 1-3  
**Levels:** Undergraduate  
**Schedule types:** Independent Study  
**Department/School:** Languages and Literatures

**JAPN 1713 Elementary Japanese I**

**Description:** Pronunciation, conversation, grammar and reading. Not for native speakers per University Academic Regulation 4.9. Previously offered as JAPN 1115.  
**Credit hours:** 3  
**Contact hours:** Lecture: 3 Contact: 3  
**Levels:** Undergraduate  
**Schedule types:** Lecture  
**Department/School:** Languages and Literatures

**JAPN 1813 Elementary Japanese II**

**Prerequisites:** JAPN 1713 or equivalent proficiency.  
**Description:** Reading, the writing system, culture, grammar, conversation. Not for native speakers per University Academic Regulation 4.9. Previously offered as JAPN 1225.  
**Credit hours:** 3  
**Contact hours:** Lecture: 3 Contact: 3  
**Levels:** Undergraduate  
**Schedule types:** Lecture  
**Department/School:** Languages and Literatures

**JAPN 2713 Intermediate Japanese I**

**Prerequisites:** JAPN 1813 or equivalent proficiency.  
**Description:** Reading, the writing system, culture, grammar, conversation. A continuation of JAPN 1813. Not for native speakers per University Academic Regulation 4.9.  
**Credit hours:** 3  
**Contact hours:** Lecture: 3 Contact: 3  
**Levels:** Undergraduate  
**Schedule types:** Lecture  
**Department/School:** Languages and Literatures

**JAPN 2813 Intermediate Japanese II**

**Prerequisites:** JAPN 2713 or equivalent proficiency.  
**Description:** Oral and written practice of modern Japanese. A continuation of JAPN 2713. Not for native speakers per University Academic Regulation 4.9.  
**Credit hours:** 3  
**Contact hours:** Lecture: 3 Contact: 3  
**Levels:** Undergraduate  
**Schedule types:** Lecture  
**Department/School:** Languages and Literatures

**JAPN 3723 Advanced Readings in Japanese**

**Prerequisites:** JAPN 2813 or equivalent proficiency.  
**Description:** Designed to increase facility and naturalness of delivery in dialogue. Development of general oral and aural proficiency. Previously offered as JAPN 3133 and JAPN 4713. Same course as JAPN 4713.  
**Credit hours:** 3  
**Contact hours:** Lecture: 3 Contact: 3  
**Levels:** Undergraduate  
**Schedule types:** Lecture  
**Department/School:** Languages and Literatures

**JAPN 3823 Advanced Japanese II**

**Prerequisites:** JAPN 3723.  
**Description:** Designed to increase facility and naturalness of delivery in dialogue. Development of general oral and aural proficiency. Previously offered as JAPN 3013 and JAPN 4813.  
**Credit hours:** 3  
**Contact hours:** Lecture: 3 Contact: 3  
**Levels:** Undergraduate  
**Schedule types:** Lecture  
**Department/School:** Languages and Literatures

**LATN 1713 Elementary Latin I**

**Description:** The rudiments of beginning Latin: grammar, vocabulary and elementary readings. Previously offered as LATN 1113.  
**Credit hours:** 3  
**Contact hours:** Lecture: 3 Contact: 3  
**Levels:** Undergraduate  
**Schedule types:** Lecture  
**Department/School:** Languages and Literatures

**LATN 1813 Elementary Latin II****Prerequisites:** LATN 1713 or equivalent proficiency.**Description:** Continuation of LATN 1713. Grammar, vocabulary and readings. Previously offered as LATN 1223.**Credit hours:** 3**Contact hours:** Lecture: 3 Contact: 3**Levels:** Undergraduate**Schedule types:** Lecture**Department/School:** Languages and Literatures**LATN 2713 Elementary Latin III****Prerequisites:** LATN 1813 or equivalent proficiency.**Description:** A continuation of LATN 1813. Grammar and readings of Latin authors. Previously offered as LATN 2113.**Credit hours:** 3**Contact hours:** Lecture: 3 Contact: 3**Levels:** Undergraduate**Schedule types:** Lecture**Department/School:** Languages and Literatures**LATN 2813 Intermediate Readings****Prerequisites:** LATN 2713 or equivalent proficiency.**Description:** Readings from Virgil's Aeneid. Previously offered as LATN 2213.**Credit hours:** 3**Contact hours:** Lecture: 3 Contact: 3**Levels:** Undergraduate**Schedule types:** Lecture**Department/School:** Languages and Literatures**LATN 3123 Classical Mythology (H)****Description:** Myths, their cultural context, and their place in world literature. Course taught in English. No prerequisite. Same course as ENGL 3123.**Credit hours:** 3**Contact hours:** Lecture: 3 Contact: 3**Levels:** Undergraduate**Schedule types:** Lecture**Department/School:** Languages and Literatures**General Education and other Course Attributes:** Humanities**LATN 3223 Love and Hate in Greece and Rome (H)****Description:** A study of the expression of love and hate from Archaic Greece to Imperial Rome, with a particular attention to cultural context and the theoretical work that has arisen from it. Course taught in English. No prerequisite.**Credit hours:** 3**Contact hours:** Lecture: 3 Contact: 3**Levels:** Undergraduate**Schedule types:** Lecture**Department/School:** Languages and Literatures**General Education and other Course Attributes:** Humanities**LATN 3330 Advanced Readings in Latin****Prerequisites:** LATN 2813 or equivalent proficiency.**Description:** Prose authors, poetry, and medieval Latin. Offered for variable credit, 1-6 credit hours, maximum of 9 credit hours.**Credit hours:** 1-6**Contact hours:** Contact: 1-6 Other: 1-6**Levels:** Undergraduate**Schedule types:** Independent Study**Department/School:** Languages and Literatures**LATN 4113 Latin Literature in Translation (H)****Description:** Readings of significant works from Latin literature in English translation, from the late Republic through the early Christian era.

Readings and classes conducted in English.

**Credit hours:** 3**Contact hours:** Lecture: 3 Contact: 3**Levels:** Undergraduate**Schedule types:** Lecture**Department/School:** Languages and Literatures**General Education and other Course Attributes:** Humanities**RUSS 1713 Elementary Russian I****Description:** Understanding, speaking, reading, and writing. Method of instruction is audio-lingual. Not for native speakers per University Academic Regulation 4.9. Previously offered as RUSS 1115.**Credit hours:** 3**Contact hours:** Lecture: 3 Contact: 3**Levels:** Undergraduate**Schedule types:** Lecture**Department/School:** Languages and Literatures**RUSS 1813 Elementary Russian II****Prerequisites:** RUSS 1713 or equivalent proficiency.**Description:** Continuation of RUSS 1713. Not for native speakers per University Academic Regulation 4.9. Previously offered as RUSS 1225.**Credit hours:** 3**Contact hours:** Lecture: 3 Contact: 3**Levels:** Undergraduate**Schedule types:** Lecture**Department/School:** Languages and Literatures**RUSS 2713 Intermediate Russian I****Prerequisites:** RUSS 1813 or equivalent proficiency.**Description:** Russian grammar, composition and conversation. Not for native speakers per University Academic Regulation 4.9. Previously offered as RUSS 2115.**Credit hours:** 3**Contact hours:** Lecture: 3 Contact: 3**Levels:** Undergraduate**Schedule types:** Lecture**Department/School:** Languages and Literatures**RUSS 2813 Intermediate Russian II****Prerequisites:** RUSS 2713 or equivalent proficiency.**Description:** Continuation of RUSS 2713. Not for native speakers per University Academic Regulation 4.9. Previously offered as RUSS 2225.**Credit hours:** 3**Contact hours:** Lecture: 3 Contact: 3**Levels:** Undergraduate**Schedule types:** Lecture**Department/School:** Languages and Literatures**RUSS 3003 The Soviet Union: History, Society and Culture (IS)****Description:** A comprehensive view of the Soviet Union, stressing those issues in the political, economic, technological, geographical, and cultural situation. Accessible to beginning undergraduates. Same course as HIST 3003 & POLS 3003.**Credit hours:** 3**Contact hours:** Lecture: 3 Contact: 3**Levels:** Undergraduate**Schedule types:** Lecture**Department/School:** Languages and Literatures**General Education and other Course Attributes:** International Dimension, Social & Behavioral Sciences



**RUSS 3053 Introduction to Central Asian Studies (IS)**

**Description:** A comprehensive view of newly-emerged Central Asian states, examining the history, politics, economics, geography, and culture of Azerbaijan, Kazakhstan, Kyrgyzstan, Tajikistan, Turkmenistan and Uzbekistan as reflected in their thoughts, religion, literature, and architecture, in the past, and the strategic importance of their natural wealth for the present and future. Same course as GEOG 3053, GLST 3053, HIST 3053, and POLS 3053.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Languages and Literatures

**General Education and other Course Attributes:** International Dimension, Social & Behavioral Sciences

**RUSS 3113 Russian Conversation**

**Prerequisites:** RUSS 2813 or equivalent proficiency.

**Description:** Development of conversational skills in formal and informal Russian language; study of oral communication and idioms; vocabulary enhancement.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Languages and Literatures

**RUSS 3123 Understanding Russia (H)**

**Description:** A study of Russian cultural history to explain contemporary Russia and Russian national identity. Readings include epic tales, literary works from Pushkin, Lermontov, Turgenev, Gogol, Chekhov, Blok, Akhmatova, and Yevtushenko, as well as political treatises by Ivan the Terrible and Mikhail Khodorkovsky. Course taught in English.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Languages and Literatures

**General Education and other Course Attributes:** Humanities

**RUSS 3223 Russian Composition**

**Prerequisites:** RUSS 2813 or equivalent proficiency.

**Description:** The development of all forms of written communication in Russian through practice in writing compositions, letters, reports, and other documents in Russian.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Languages and Literatures

**RUSS 3333 The Russian Spy in Fact and Fiction**

**Description:** This course examines the spy in cultural productions of Russia and the West. Topics include stereotyping in popular culture, the relationship between fact, fiction, and political imagination, Western and Russian views of each other, the Cold War, security, hybrid war, and grey-zone activities. Readings from American, British, and Russian sources include classic Cold War literature, contemporary press, history, and a graphic novel. Taught in English.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Languages and Literatures

**General Education and other Course Attributes:** Humanities, International Dimension

**RUSS 4013 Survey of Russian Literature I**

**Prerequisites:** 20 hours of Russian or equivalent proficiency.

**Description:** Survey of Russian literature from its beginning to late nineteenth century with readings in Russian of representative texts. Course conducted in Russian.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Languages and Literatures

**RUSS 4023 Survey of Russian Literature II**

**Prerequisites:** 20 hours of Russian or equivalent proficiency.

**Description:** Survey of Russian literature from late nineteenth century to post-Soviet era with readings in Russian of representative texts. Course conducted in Russian.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Languages and Literatures

**RUSS 4113 Russian Literature in Translation I (H)**

**Description:** Russian literature from its beginning to mid-19th century: Pushkin, Lermontov, Goncharov, Gogol, Turgenev, and Dostoevsky. Readings in English. Classes conducted in English.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Languages and Literatures

**General Education and other Course Attributes:** Humanities

**RUSS 4123 Russian Literature in Translation II**

**Description:** Russian and Soviet literature from mid-19th century to present: Tolstoy, Chekhov, Gorky, Zamiatin, Sholokhov, Pasternak, Bunin, Solzhenitsyn, Arzhak (Daniel), Tertz (Sinyavsky), Voznesensky, and Evtushenko. Readings in English. Classes conducted in English.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Languages and Literatures



**RUSS 4223 Russian Reading Skills****Prerequisites:** 20 hours of Russian or equivalent proficiency.**Description:** Acquisition of skills in vocabulary enrichment, stylistic analysis and advanced proficiency in reading various styles of contemporary written Russian (newspaper, political, business).**Credit hours:** 3**Contact hours:** Lecture: 3 Contact: 3**Levels:** Undergraduate**Schedule types:** Lecture**Department/School:** Languages and Literatures**SPAN 1713 Elementary Spanish I****Description:** Pronunciation, conversation, grammar, and reading. Includes language lab work. Not for native speakers per University Academic Regulation 4.9. Previously offered as SPAN 1115.**Credit hours:** 3**Contact hours:** Lecture: 3 Contact: 3**Levels:** Undergraduate**Schedule types:** Lecture**Department/School:** Languages and Literatures**SPAN 1813 Elementary Spanish II****Prerequisites:** SPAN 1713 or equivalent proficiency.**Description:** Continuation of SPAN 1713. Includes language lab work. Not for native speakers per University Academic Regulation 4.9. Previously offered as SPAN 1225.**Credit hours:** 3**Contact hours:** Lecture: 3 Contact: 3**Levels:** Undergraduate**Schedule types:** Lecture**Department/School:** Languages and Literatures**SPAN 2713 Intermediate Spanish****Prerequisites:** SPAN 1813 or equivalent proficiency.**Description:** Further development of speaking, listening, reading, and writing skills along with short cultural and literary readings. Not for native speakers per University Academic Regulation 4.9. Previously offered as SPAN 2115.**Credit hours:** 3**Contact hours:** Lecture: 3 Contact: 3**Levels:** Undergraduate**Schedule types:** Lecture**Department/School:** Languages and Literatures**SPAN 2723 Intermediate Hispanic Culture and Media****Prerequisites:** SPAN 1813 or equivalent proficiency.**Description:** Further development of language skills within Hispanic cultural contexts. May be taken concurrently with 2713 or subsequently (but not before).**Credit hours:** 3**Contact hours:** Lecture: 3 Contact: 3**Levels:** Undergraduate**Schedule types:** Lecture**Department/School:** Languages and Literatures**SPAN 2813 Intermediate Reading and Conversation****Prerequisites:** SPAN 2713 and SPAN 2723 or equivalent proficiency.**Description:** Skill consolidation with emphasis on short literary readings and conversation. May be taken concurrently with SPAN 2823. Not for native speakers per University Academic Regulation 4.9. Previously offered as SPAN 2232.**Credit hours:** 3**Contact hours:** Lecture: 3 Contact: 3**Levels:** Undergraduate**Schedule types:** Lecture**Department/School:** Languages and Literatures**SPAN 2823 Intermediate Composition and Grammar****Prerequisites:** SPAN 2713 and SPAN 2723 or equivalent proficiency.**Description:** Skill consolidation with emphasis on composition and grammar with some conversation. May be taken concurrently with SPAN 2813. Not for native speakers per University Academic Regulation 4.9. Previously offered as SPAN 2233.**Credit hours:** 3**Contact hours:** Lecture: 3 Contact: 3**Levels:** Undergraduate**Schedule types:** Lecture**Department/School:** Languages and Literatures**SPAN 3053 Introduction to Hispanic Literary Studies****Prerequisites:** 18 hours of Spanish or equivalent proficiency.**Description:** Introduction to techniques of literary analysis and research in Spanish and to Hispanic literary history. Prerequisite for all advanced literature courses in Spanish.**Credit hours:** 3**Contact hours:** Lecture: 3 Contact: 3**Levels:** Undergraduate**Schedule types:** Lecture**Department/School:** Languages and Literatures**SPAN 3163 Survey of Peninsular Literature I****Prerequisites:** 18 hours of Spanish or equivalent proficiency.**Description:** Development of literature in Spain from the medieval period to 1700. Previously offered as SPAN 3023.**Credit hours:** 3**Contact hours:** Lecture: 3 Contact: 3**Levels:** Undergraduate**Schedule types:** Lecture**Department/School:** Languages and Literatures**SPAN 3173 Survey of Peninsular Literature II****Prerequisites:** 18 hours of Spanish or equivalent proficiency.**Description:** Development of literature in Spain from 1700 to the present. Previously offered as SPAN 3033.**Credit hours:** 3**Contact hours:** Lecture: 3 Contact: 3**Levels:** Undergraduate**Schedule types:** Lecture**Department/School:** Languages and Literatures

**SPAN 3183 Latin American Survey I**

**Prerequisites:** 18 hours of Spanish or equivalent proficiency.  
**Description:** Survey of Latin America literature in Spanish from the pre-Columbian era to the turn of the 20th century, including letters, chronicles, essays, poetry, drama, and narrative. Previously offered as SPAN 3013.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Languages and Literatures

**SPAN 3193 Latin American Survey II**

**Prerequisites:** 20 hours of Spanish or equivalent proficiency.  
**Description:** Survey of 20th and 21st century Latin American literature in Spanish, including narrative, poetry, drama, and essays.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Languages and Literatures

**SPAN 3203 Advanced Conversation**

**Prerequisites:** 18 hours of Spanish or equivalent proficiency.  
**Description:** Practice in conversation skills, designed to bring students to a high level of proficiency in speaking and listening. Class conducted in Spanish.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Languages and Literatures

**SPAN 3213 Advanced Grammar and Composition**

**Prerequisites:** 18 hours of Spanish or equivalent proficiency.  
**Description:** Study of advanced grammar and stylistics with emphasis on composition skills, designed to bring students to a high level of proficiency in writing.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Languages and Literatures

**SPAN 3343 Business Spanish**

**Prerequisites:** 18 hours of Spanish or equivalent proficiency.  
**Description:** Development of spoken and written Spanish for use in business and professional contexts.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Languages and Literatures

**SPAN 3363 Spanish for Healthcare Professionals**

**Prerequisites:** 18 credits of lower-division Spanish or equivalent proficiency.

**Description:** This course is designed for healthcare professionals. You will learn vocabulary, dialogs, and structure to help greet patients, take vital signs, interview for symptoms, review medical history, give a physical exam, and recommend prescriptions or follow-up instructions. Although by no means comprehensive, the course will provide a starting point for communicating with Spanish-speaking patients. Cultural notes will be provided to assist in making patients more comfortable.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Languages and Literatures

**SPAN 3403 Introduction to Hispanic Linguistics**

**Prerequisites:** 18 hours of Spanish or equivalent proficiency.  
**Description:** This course provides an introduction to the scientific study of language and its structure and includes introductions to the fields of pragmatics, phonology, sociolinguistics, historical linguistics, and applied linguistics.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Languages and Literatures

**SPAN 3463 Spanish Phonetics and Phonology**

**Prerequisites:** 18 hours of Spanish or equivalent proficiency.  
**Description:** In this course students will examine the phonetic and phonological systems of Spanish as well as the extensive dialectal and sociolinguistic variation of these sounds in the Spanish-speaking world and among learners of Spanish.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Languages and Literatures

**SPAN 4123 Hispanic Poetry**

**Prerequisites:** One 3000 level Spanish literature course.  
**Description:** Detailed study of representative poetry from Spain or Latin America.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Languages and Literatures

**SPAN 4133 Hispanic Prose**

**Prerequisites:** One 3000 level Spanish literature course.  
**Description:** Detailed study of representative prose works from Spain or Latin America.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Languages and Literatures

**SPAN 4143 Short Novels in Hispanic Literature****Prerequisites:** One 3000-level Spanish literature course.**Description:** Reading and analysis of classics selected from the Hispanic literatures written in Spanish. Examine the different literary movements, social and historical courses that influenced the novels, as well as the theoretical models about them. Because of the close connection to Cinema and Theater, the readings will be compared to their cinematic adaptations and to other artistic genres.**Credit hours:** 3**Contact hours:** Lecture: 3 Contact: 3**Levels:** Undergraduate**Schedule types:** Lecture**Department/School:** Languages and Literatures**SPAN 4163 Don Quijote****Prerequisites:** One 3000 level Spanish literature course.**Description:** Seminar devoted to Cervantes' novel.**Credit hours:** 3**Contact hours:** Lecture: 3 Contact: 3**Levels:** Undergraduate**Schedule types:** Lecture**Department/School:** Languages and Literatures**SPAN 4173 Hispanic Drama****Prerequisites:** One 3000 level Spanish literature course.**Description:** Reading and interpretation of dramatic works selected from the Hispanic literatures.**Credit hours:** 3**Contact hours:** Lecture: 3 Contact: 3**Levels:** Undergraduate**Schedule types:** Lecture**Department/School:** Languages and Literatures**SPAN 4183 Spain and Islam****Prerequisites:** One 3000 level Spanish literature course.**Description:** An in depth study of conflict and coexistence among Christian and Islamic cultures in Spain from the eighth century to the present day. The course includes both literary and historical readings.**Credit hours:** 3**Contact hours:** Lecture: 3 Contact: 3**Levels:** Undergraduate**Schedule types:** Lecture**Department/School:** Languages and Literatures**SPAN 4193 Hispanic Film****Prerequisites:** One 3000 level Spanish literature course.**Description:** Study of Spanish and/or Latin American films from cultural, historical, and artistic perspectives.**Credit hours:** 3**Contact hours:** Lecture: 3 Contact: 3**Levels:** Undergraduate**Schedule types:** Lecture**Department/School:** Languages and Literatures**SPAN 4203 Hispanic Music****Prerequisites:** One 3000-level Spanish literature course.**Description:** Critically interpret songs (their music and lyrics), identify the periods during which they were produced and their style, and related them to each other. Recognize and analyze the main cultural movements, historical events, and figures that shaped the development of Hispanic Music as it is represented in music production.**Credit hours:** 3**Contact hours:** Lecture: 3 Contact: 3**Levels:** Undergraduate**Schedule types:** Lecture**Department/School:** Languages and Literatures**SPAN 4213 Short Stories in Hispanic Literature****Prerequisites:** One 3000-level Spanish literature course.**Description:** Reading and analysis of classics selected from the Hispanic literatures written in Spanish. Examine the different literary movements, social and historical causes that influenced the Short Stories, as well as the theoretical models about them. Critically analyze texts, identify their periods and style, and relate them to each other. Recognize and analyze the chief literary movements, historical events, and figures that shaped the development of the stories.**Credit hours:** 3**Contact hours:** Lecture: 3 Contact: 3**Levels:** Undergraduate**Schedule types:** Lecture**Department/School:** Languages and Literatures**SPAN 4223 Contemporary Hispanic Literature****Prerequisites:** One 3000 level Spanish literature course.**Description:** Major Hispanic writers since 1900.**Credit hours:** 3**Contact hours:** Lecture: 3 Contact: 3**Levels:** Undergraduate**Schedule types:** Lecture**Department/School:** Languages and Literatures**SPAN 4253 Masterpieces of Hispanic Literature I****Prerequisites:** One 3000 level Spanish literature course.**Description:** Reading and analysis of classics selected from the Hispanic literatures.**Credit hours:** 3**Contact hours:** Lecture: 3 Contact: 3**Levels:** Undergraduate**Schedule types:** Lecture**Department/School:** Languages and Literatures**SPAN 4263 Masterpieces of Hispanic Literature II****Prerequisites:** One 3000 level Spanish literature course.**Description:** Reading and analysis of classics selected from the Hispanic literatures.**Credit hours:** 3**Contact hours:** Lecture: 3 Contact: 3**Levels:** Undergraduate**Schedule types:** Lecture**Department/School:** Languages and Literatures

**SPAN 4323 Spanish Peninsular Civilization****Prerequisites:** One 3000 level Spanish course.**Description:** Reading and discussion of selected texts outlining the development of contemporary Spanish Peninsular civilization. Previously offered as SPAN 3333.**Credit hours:** 3**Contact hours:** Lecture: 3 Contact: 3**Levels:** Undergraduate**Schedule types:** Lecture**Department/School:** Languages and Literatures**SPAN 4333 Latin American Civilization****Prerequisites:** One 3000 level Spanish course.**Description:** Reading and discussion of selected texts outlining the development of contemporary Hispanic civilization outside the Iberian peninsula.**Credit hours:** 3**Contact hours:** Lecture: 3 Contact: 3**Levels:** Undergraduate**Schedule types:** Lecture**Department/School:** Languages and Literatures**SPAN 4413 Advanced Stylistics****Prerequisites:** SPAN 3213.**Description:** Continuation of SPAN 3213, emphasizing further development of grammar and composition in a variety of contexts.**Credit hours:** 3**Contact hours:** Lecture: 3 Contact: 3**Levels:** Undergraduate**Schedule types:** Lecture**Department/School:** Languages and Literatures**SPAN 4443 History of the Spanish Language****Prerequisites:** One 3000-level Spanish course.**Description:** This course provides an introduction to the origins and linguistic development of the Spanish language from its Latin roots to Modern Spanish.**Credit hours:** 3**Contact hours:** Lecture: 3 Contact: 3**Levels:** Undergraduate**Schedule types:** Lecture**Department/School:** Languages and Literatures**SPAN 4463 Sociolinguistics of the Spanish-Speaking World****Prerequisites:** One 3000-level Spanish course.**Description:** In this course students will investigate the variation of the Hispanic language as well as the linguistic features of Spanish as a result of Spanish in contact with other languages. Phonetic/phonologic, morphologic, syntactic, and lexical features of Spanish will be examined in relation to broader geographical, social, political, cultural, and historical contexts of the Spanish-speaking world.**Credit hours:** 3**Contact hours:** Lecture: 3 Contact: 3**Levels:** Undergraduate**Schedule types:** Lecture**Department/School:** Languages and Literatures**SPAN 4550 Seminar in Spanish****Prerequisites:** One 3000-level Spanish course, or equivalent.**Description:** Readings and discussion of vital subjects in Spanish. Offered for variable credit, 1-3 credit hours, maximum of 9 credit hours.**Credit hours:** 1-3**Contact hours:** Contact: 1-3 Other: 1-3**Levels:** Undergraduate**Schedule types:** Independent Study**Department/School:** Languages and Literatures**SPAN 4650 Topics in Spanish****Prerequisites:** One 3000-level Spanish course, or equivalent.**Description:** In depth study of a specific aspect of Hispanic literature, culture or language. Offered for variable credit, 1-9 credit hours, maximum of 9 credit hours.**Credit hours:** 1-9**Contact hours:** Lecture: 1-9 Contact: 1-9**Levels:** Undergraduate**Schedule types:** Lecture**Department/School:** Languages and Literatures**SPAN 5110 Advanced Hispanic Studies****Prerequisites:** 22 hours of Spanish or graduate standing in foreign language.**Description:** Offered for variable credit, 1-3 credit hours, maximum of 9 credit hours.**Credit hours:** 1-3**Contact hours:** Contact: 1-3 Other: 1-3**Levels:** Graduate**Schedule types:** Independent Study**Department/School:** Languages and Literatures

## Undergraduate Programs

- American Sign Language Studies, BA (p. 1362)
- French, BA (p. 1367)
- French: Business Essentials, BA (p. 1370)
- French: Pre-Law, BA (p. 1373)
- German, BA (p. 1377)
- German: Business Essentials, BA (p. 1380)
- German: Pre-Law, BA (p. 1383)
- Spanish, BA (p. 1393)
- Spanish: Business Essentials, BA (p. 1396)
- Spanish: Pre-Law, BA (p. 1399)

## Minors

- American Sign Language (ASL), Minor (p. 1361)
- Arabic (ARB), Minor (p. 1364)
- Chinese (CHIN), Minor (p. 1365)
- French (FREN), Minor (p. 1366)
- German (GRMN), Minor (p. 1376)
- Greek (GREK), Minor (p. 1386)
- Japanese (JPN), Minor (p. 1387)
- Latin (LATN), Minor (p. 1388)
- Professional Chinese (PRCH), Minor (p. 1389)
- Russian (RUSS), Minor (p. 1391)
- Spanish (SPAN), Minor (p. 1392)

## Certificates

- Professional Spanish, Undergraduate Certificate (p. 1390)

## Faculty

Erik Ekman, PhD—Associate Professor and Head

**Regents Professor:** Perry Gethner, PhD (Norris Professor)

**Professors:** Susana Perea-Fox, PhD; John te Velde, PhD; Christopher Weimer, PhD

**Associate Professors:** Isabel Alvarez-Sancho, PhD; Jonathan Ellis, PhD

**Assistant Professors:** Carol Ready, PhD; Jessica Resvick, PhD; Carolina Sitya Nin, PhD; Eric Turcat, PhD; Taylor Woodall-Greene, PhD

## American Sign Language (ASL), Minor

**Requirements for Students Matriculating in or before Academic Year 2022-2023.** Learn more about University Academic Regulation 3.1 (p. 943).

Anthony Valentine, 213 LSE, 405-744-5658

**Minimum Overall Grade Point Average:** 2.50

**Total Hours:** 18

The completion of all lower-division coursework or equivalent proficiency in same language to be followed by:

Code	Title	Hours
<b>Language Sequence Requirements</b>		
ASL 1713	American Sign Language I	3
ASL 1813	American Sign Language II	3
ASL 2713	American Sign Language III	3
ASL 2813	Intermediate Grammar	3
<b>Upper-Level Requirements</b>		
Select six hours from the following:		6
ASL 3500	Interpreting Special Areas	
ASL 3713	Introduction to Interpreting	
ASL 3723	Science, Technology, Engineering, and Math I	
ASL 3813	Linguistics of American Sign Language	
ASL 3823	Science, Technology, Engineering, and Math II	
ASL 4333	Sign to Voice to Sign	
ASL 4550	Seminar in ASL	
ASL 4713	American Sign Language Literature	
ASL 4813	Ethics for Interpreters	
<b>Total Hours</b>		<b>18</b>

## Other Requirements

- No grade below "C" in all upper-division courses

## Additional OSU Requirements

### Undergraduate Minors

- An undergraduate minor must include between fifteen and thirty hours, inclusive of undergraduate coursework.
- A minimum of six credit hours for the minor must be earned in residence at OSU.
- The courses required for a minor may be included in the course requirements for any undergraduate degree or they may be in addition to degree requirements, depending on the overlap between the minor and degree requirements. However, an undergraduate minor must be earned in an academic field other than the student's declared degree option. The minor may not duplicate the degree major or option (for example, a student who earns a BA in Art with an Art History option may earn a minor in Studio Art but not Art History).
- A student generally follows the minor requirements associated with his or her matriculation year or newer requirements that have

been established since matriculation. The time limit for following requirements from a given academic year is six years.

For additional information on requirements on minors, click here (<https://adminfinance.okstate.edu/site-files/documents/policies/requirements-for-undergraduate-and-graduate-minors.pdf>).



## American Sign Language Studies, BA

**Requirements for Students Matriculating in or before Academic Year 2022-2023.** Learn more about University Academic Regulation 3.1 (p. 943).

**Minimum Overall Grade Point Average: 2.00**

**Total Hours: 120**

Code	Title	Hours
<b>General Education Requirements</b>		
<i>English Composition</i>		
See Academic Regulation 3.5 (p. 944)		
ENGL 1113 or ENGL 1313	Composition I Critical Analysis and Writing I	3
ENGL 1213 or ENGL 1413 or ENGL 3323	Composition II Critical Analysis and Writing II Technical Writing	3
<i>American History &amp; Government</i>		
HIST 1103 or HIST 1483 or HIST 1493	Survey of American History American History to 1865 (H) American History Since 1865 (DH)	3
POLS 1113	American Government	3
<i>Analytical &amp; Quantitative Thought (A)</i>		
MATH or STAT designated (A)		3
<i>Humanities (H)</i>		
Courses designated (H)		6
<i>Natural Sciences (N)</i>		
Must include one Laboratory Science (L) course		
Courses designated (N)		6
<i>Social &amp; Behavioral Sciences (S)</i>		
Course designated (S)		3
<i>Additional General Education</i>		
Courses designated (A), (H), (N), or (S)		10
<b>Hours Subtotal</b>		<b>40</b>
<b>Diversity (D) &amp; International Dimension (I)</b>		
May be completed in any part of the degree plan		
Select at least one Diversity (D) course		
Select at least one International Dimension (I) course		
<b>College/Departmental Requirements</b>		
<i>First Year Seminar</i>		1
(Transfer students with 15 hours exempt)		
<i>Arts &amp; Humanities</i>		9
See note 2.a.		
<i>Natural &amp; Mathematical Sciences</i>		3
See note 2.b.		
<i>Foreign Language</i>		
ASL 1713	American Sign Language I	3
ASL 1813	American Sign Language II	3
ASL 2713	American Sign Language III	3
<i>Non-Western Studies</i>		
Select at least one course. See note 2.d.		
<i>Upper-Division General Education</i>		

Select 6 hours outside major department. See note 2.c.

<b>Hours Subtotal</b>	<b>22</b>
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### Major Requirements

Minimum GPA 2.50 in upper-division ASL courses with minimum grade of "C" in each course.

ASL 2723	American Deaf Culture	3
ASL 2813	Intermediate Grammar	3
ASL 2823	Cultural Diversity in the Deaf Community	3
ASL 3713	Introduction to Interpreting	3
ASL 4813	Ethics for Interpreters	3

Select 15 hours from:	15
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ASL 3500	Interpreting Special Areas	
ASL 3723	Science, Technology, Engineering, and Math I	
ASL 3813	Linguistics of American Sign Language	
ASL 3823	Science, Technology, Engineering, and Math II	
ASL 4353	Literacy for Teachers of the Deaf	
ASL 4333	Sign to Voice to Sign	
ASL 4550	Seminar in ASL	
ASL 4713	American Sign Language Literature	

Select 10 upper-division hours.	10
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<b>Hours Subtotal</b>	<b>40</b>
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### Electives

Select 18 hours.	18
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May need to include 6 hours upper-division general education outside major department (see note 2.c.) and 3 additional upper-division hours.

<b>Hours Subtotal</b>	<b>18</b>
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<b>Total Hours</b>	<b>120</b>
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## Other Requirements

- See the College of Arts and Sciences Requirements.
- **Upper-Division Credit:** Total hours must include at least 40 hours in courses numbered 3000 or above.
- **Hours in One Department:** For B.A. and B.S. degrees, no more than 54 hours in one department may be applied to degree requirements.

## College of Arts and Sciences Requirements

### 1. General Education Requirements

No more than two courses (or eight hours) from the major department (<http://catalog.okstate.edu/college-arts-sciences-major-departments/>) may be used to meet General Education and College and Departmental Requirements. The General Education required English Composition, required U.S. History, required American Government, one required MATH or STAT course, and required foreign language for B.A. degrees do not count against the two-course maximum.

### 2. A&S College/Departmental Requirements

- Arts and Humanities are defined as any course carrying an (H) designation or courses from AMST, ART, DANC, ENGL (except ENGL 3323 Technical Writing) HIST, MUSI, PHIL (except PHIL 1313 Logic and Critical Thinking (A), PHIL 3003 Symbolic

Logic (A) and PHIL 4003 Mathematical Logic and Computability), REL, TH, and foreign languages.

- b. Natural and Mathematical Sciences are defined as any course from the following prefixes: ASTR, BIOC, BIOL, CHEM, CS (except CS 4883 Social Issues in Computing), GEOL, MATH, MICR, PBIO, PHYS, and STAT; or courses from other departments that carry an (A) or (N) general education designation.
- c. The required six hours of upper-division General Education may not include courses from the student's major department. This requirement may be satisfied by courses also used to satisfy any part of a student's degree program (i.e., in General Education, College Departmental Requirements, Major Requirements or Electives).
- d. Non-Western Studies Requirement for B.A. and B.F.A.; One 3-hour course in Non-Western Studies (N.W.). This requirement may be satisfied by courses also used to satisfy any part of a student's degree program (i.e., in General Education, College Departmental Requirements, Major Requirements or Electives).
- e. The College of Arts & Sciences requires a minimum 2.0 GPA in all major requirements and a minimum 2.0 GPA in all major-prefix courses applied to the degree.

### 3. Foreign Language Proficiency

- a. The foreign language requirement for the B.A. may be satisfied by 9 hours college credit in the same language, which must include 3 hours at the 2000-level, or equivalent proficiency (e.g., passing an advanced standing examination; TOEFL exam; presenting a high school transcript which demonstrates the high school was primarily conducted in a language other than English; etc.). Computer Science courses may not be used to satisfy this requirement. Currently Arabic and Mvskoke are not offered at the 2000-level at OSU.
- b. The foreign language requirement for the B.S., B.M. and B.F.A. may be satisfied by presenting a high school transcript which demonstrates two years of study of a single foreign language (passing grades at second-year level of study). It may also be satisfied by 6 hours college credit in the same language, which must include language courses 1713 and 1813, or equivalent proficiency (e.g., passing an advanced standing examination; TOEFL exam; presenting a high school transcript which demonstrates the high school was primarily conducted in a language other than English; etc.). Computer Science courses may not be used to satisfy this requirement.
- c. In addition to a. and b., students pursuing teacher certification must meet novice-high foreign language proficiency by presenting a high school transcript which demonstrates two years of study of a single foreign language with no grade below B. Or, students may complete 3 hours college credit in a single language with no grade below C (or pass an advanced standing examination, College Level Examination Program (CLEP) exam, or Oral Proficiency Interview developed by the American Council on the Teaching of Foreign Languages, equivalent to 3 hours of college credit.) Or, students may meet the requirement by transfer of documentation of meeting the foreign language competency from one of the teacher education programs in the State of Oklahoma approved by the Oklahoma State Regents for Higher Education.

### 4. Exclusions

- a. Courses used to satisfy the General Education English Composition, U.S. History, American Government, and

Mathematics or Statistics requirements will not count toward the 54-hour maximum allowed from one department.

- b. Courses with ATHL or LEIS prefixes and leisure activity courses may not be used for degree credit.

## Additional State/OSU Requirements

- At least: 60 hours at a four-year institution; 30 hours completed at OSU; 15 of the final 30 or 50% of the upper-division hours in the major field completed at OSU.
- Limit of: one-half of major course requirements as transfer work; one-fourth of hours earned by correspondence; 8 transfer correspondence hours.
- Students will be held responsible for degree requirements in effect at the time of matriculation and any changes that are made, so long as these changes do not result in semester credit hours being added or do not delay graduation.
- Degrees that follow this plan must be completed by the end of Summer 2028.

## Arabic (ARB), Minor

**Requirements for Students Matriculating in or before Academic Year 2022-2023.** Learn more about University Academic Regulation 3.1 (p. 943).

**Anthony Valentine**, 213 LSE, 405-744-5658

**Minimum Grade Point Average in Minor Coursework:** 2.5 GPA in minor, no grade below a "C" in the minor

**Total Hours:** 15

The completion of all lower-division coursework or equivalent proficiency in same language to be followed by:

Code	Title	Hours
<b>Core Courses</b>		
A minimum of nine credit hours of lower-division language coursework to prepare for advanced language. Please see advisor for details.		9
ARB 3033	Advanced Arabic I	3
ARB 3133	Advanced Arabic II	3
<b>Total Hours</b>		<b>15</b>

## Additional OSU Requirements

### Undergraduate Minors

- An undergraduate minor must include between fifteen and thirty hours, inclusive of undergraduate coursework.
- A minimum of six credit hours for the minor must be earned in residence at OSU.
- The courses required for a minor may be included in the course requirements for any undergraduate degree or they may be in addition to degree requirements, depending on the overlap between the minor and degree requirements. However, an undergraduate minor must be earned in an academic field other than the student's declared degree option. The minor may not duplicate the degree major or option (for example, a student who earns a BA in Art with an Art History option may earn a minor in Studio Art but not Art History).
- A student generally follows the minor requirements associated with his or her matriculation year or newer requirements that have been established since matriculation. The time limit for following requirements from a given academic year is six years.

For additional information on requirements on minors, click here (<https://adminfinance.okstate.edu/site-files/documents/policies/requirements-for-undergraduate-and-graduate-minors.pdf>).

## Chinese (CHIN), Minor

**Requirements for Students Matriculating in or before Academic Year 2022-2023.** Learn more about University Academic Regulation 3.1 (p. 943).

Anthony Valentine, 213 LSE, 405-744-5658

**Minimum Overall Grade Point Average:** 2.50

**Total Hours:** 18

The completion of all lower-division coursework or equivalent proficiency in same language to be followed by:

Code	Title	Hours
<b>Language Sequence Requirements</b>		
CHIN 1713	Elementary Chinese I	3
CHIN 1813	Elementary Chinese II	3
CHIN 2713	Intermediate Chinese I	3
CHIN 2813	Intermediate Chinese II	3
<b>Upper-Level Requirements</b>		
CHIN 4713	Advanced Readings in Chinese	3
CHIN 4813	Advanced Chinese Conversation	3
<b>Total Hours</b>		<b>18</b>

## Other Requirements

- No grade below "C" in all upper-division courses

## Additional OSU Requirements

### Undergraduate Minors

- An undergraduate minor must include between fifteen and thirty hours, inclusive of undergraduate coursework.
- A minimum of six credit hours for the minor must be earned in residence at OSU.
- The courses required for a minor may be included in the course requirements for any undergraduate degree or they may be in addition to degree requirements, depending on the overlap between the minor and degree requirements. However, an undergraduate minor must be earned in an academic field other than the student's declared degree option. The minor may not duplicate the degree major or option (for example, a student who earns a BA in Art with an Art History option may earn a minor in Studio Art but not Art History).
- A student generally follows the minor requirements associated with his or her matriculation year or newer requirements that have been established since matriculation. The time limit for following requirements from a given academic year is six years.

For additional information on requirements on minors, click here (<https://adminfinance.okstate.edu/site-files/documents/policies/requirements-for-undergraduate-and-graduate-minors.pdf>).

## French (FREN), Minor

**Requirements for Students Matriculating in or before Academic Year 2022-2023.** Learn more about University Academic Regulation 3.1 (p. 943).

Anthony Valentine, 213 LSE, 405-744-5658

**Minimum Overall Grade Point Average:** 2.50

**Total Hours:** 24

The completion of all lower-division coursework or equivalent proficiency in same language to be followed by:

Code	Title	Hours
<b>Language Sequence Requirements</b>		
FREN 1713	Elementary French I	3
FREN 1813	Elementary French II	3
FREN 2713	Intermediate Reading and Conversation I (I)	3
FREN 2723	Intermediate Grammar and Composition I	3
FREN 2813	Intermediate Reading and Conversation II	3
FREN 2823	Intermediate Grammar & Comp II	3
<b>Upper-Level Requirements</b>		
Select six hours from the following:		6
FREN 3073	French Conversation	
FREN 3203	Advanced Written Expression	
FREN 3213	Advanced Grammar	
FREN 3343	Business French	
FREN 3463	Advanced Diction and Phonetics	
FREN 3853	Introduction to Analysis of French Literature	
FREN 4153	Survey of French Literature I	
FREN 4173	Survey of French Literature II	
FREN 4333	Background of Modern French Civilization	
FREN 4550	Directed Studies in French	
FREN 4573	Modern French Theater	
<b>Total Hours</b>		<b>24</b>

- A student generally follows the minor requirements associated with his or her matriculation year or newer requirements that have been established since matriculation. The time limit for following requirements from a given academic year is six years.

For additional information on requirements on minors, click here (<https://adminfinance.okstate.edu/site-files/documents/policies/requirements-for-undergraduate-and-graduate-minors.pdf>).

## Additional Requirements

- No grade below "C" in all upper-division courses

## Additional OSU Requirements

### Undergraduate Minors

- An undergraduate minor must include between fifteen and thirty hours, inclusive of undergraduate coursework.
- A minimum of six credit hours for the minor must be earned in residence at OSU.
- The courses required for a minor may be included in the course requirements for any undergraduate degree or they may be in addition to degree requirements, depending on the overlap between the minor and degree requirements. However, an undergraduate minor must be earned in an academic field other than the student's declared degree option. The minor may not duplicate the degree major or option (for example, a student who earns a BA in Art with an Art History option may earn a minor in Studio Art but not Art History).

## French, BA

### Degree Requirements

**Requirements for Students Matriculating in or before Academic Year 2022-2023.** Learn more about University Academic Regulation 3.1 (p. 943).

**Minimum Overall Grade Point Average:** 2.00

**Total Hours:** 120

Code	Title	Hours
<b>General Education Requirements</b>		
<i>English Composition</i>		
See Academic Regulation 3.5 (p. 944)		
ENGL 1113	Composition I	3
or ENGL 1313	Critical Analysis and Writing I	
Select one of the following:		3
ENGL 1213	Composition II	
ENGL 1413	Critical Analysis and Writing II	
ENGL 3323	Technical Writing	
<i>American History &amp; Government</i>		
HIST 1103	Survey of American History	3
or HIST 1483	American History to 1865 (H)	
or HIST 1493	American History Since 1865 (DH)	
POLS 1113	American Government	3
<i>Analytical &amp; Quantitative Thought (A)</i>		
MATH or STAT course designated (A)		3
<i>Humanities (H)</i>		
Courses designated (H)		6
<i>Natural Sciences (N)</i>		
Must include one Laboratory Science (L) course		
Course designated (N)		6
<i>Social &amp; Behavioral Sciences (S)</i>		
Course designated (S)		3
<i>Additional General Education</i>		
Courses designated (A), (H), (N), or (S)		10
<b>Hours Subtotal</b>		<b>40</b>
<b>Diversity (D) &amp; International Dimension (I)</b>		
May be completed in any part of the degree plan		
Select at least one Diversity (D) course		
Select at least one International Dimension (I) course		
<b>College/Departmental Requirements</b>		
<i>First Year Seminar</i>		
(Transfer students with 15 hours exempt)		1
<i>Arts &amp; Humanities</i>		
See note 2.a.		9
<i>Natural &amp; Mathematical Sciences</i>		
See note 2.b.		3
<i>Foreign Language</i>		
FREN 1713	Elementary French I	3
FREN 1813	Elementary French II	3
FREN 2713	Intermediate Reading and Conversation I (I)	3
<i>Non-Western Studies</i>		

Select at least one course

See note 2.d.

*Upper-Division General Education*

Select 6 hours outside major department

See note 2.c.

**Hours Subtotal** **22**

**Major Requirements**

Minimum GPA 2.50 in upper-division French courses with minimum grade of "C" in each course

Select these courses (or equivalent proficiency):

FREN 2723	Intermediate Grammar and Composition I	3
FREN 2813	Intermediate Reading and Conversation II	3
FREN 2823	Intermediate Grammar & Comp II	3
FREN 3203	Advanced Written Expression	3
FREN 3213	Advanced Grammar	3
FREN 4333	Background of Modern French Civilization	3

Select 12 hours or more of the following French courses. At least six hours must be literature courses:<sup>1</sup>

FREN 3073	French Conversation	
FREN 3343	Business French	
FREN 3463	Advanced Diction and Phonetics	
FREN 3853	Introduction to Analysis of French Literature <sup>1</sup>	
FREN 4153	Survey of French Literature I <sup>1</sup>	
FREN 4173	Survey of French Literature II <sup>1</sup>	
FREN 4550	Directed Studies in French (1-9 hours)	
FREN 4573	Modern French Theater <sup>1</sup>	
LL 3500	Specialized Study in a Modern Language	
LL 4000	Specialized Studies in Languages and Literatures	

Select 10 upper-division hours to reach 40 hours. **10**

**Hours Subtotal** **40**

**Electives**

Select 18 hours **18**

May need to include 6 hours upper-division general education outside major department (see note 2.c.) and 12 additional upper-division hours

**Hours Subtotal** **18**

**Total Hours** **120**

1

At least 6 hours must be from literature courses marked with a <sup>1</sup>.

### Other Requirements

- See the College of Arts and Sciences Requirements.
- **Upper-Division Credit:** Total hours must include at least 40 hours in courses numbered 3000 or above.
- **Hours in One Department:** For B.A. and B.S. degrees, no more than 54 hours in one department may be applied to degree requirements.



## College of Arts and Sciences Requirements

### 1. General Education Requirements

No more than two courses (or eight hours) from the major department (<http://catalog.okstate.edu/college-arts-sciences-major-departments/>) may be used to meet General Education and College and Departmental Requirements. The General Education required English Composition, required U.S. History, required American Government, one required MATH or STAT course, and required foreign language for B.A. degrees do not count against the two-course maximum.

### 2. A&S College/Departmental Requirements

- Arts and Humanities are defined as any course carrying an (H) designation or courses from AMST, ART, DANC, ENGL (except ENGL 3323 Technical Writing) HIST, MUSI, PHIL (except PHIL 1313 Logic and Critical Thinking (A), PHIL 3003 Symbolic Logic (A) and PHIL 4003 Mathematical Logic and Computability), REL, TH, and foreign languages.
- Natural and Mathematical Sciences are defined as any course from the following prefixes: ASTR, BIOC, BIOL, CHEM, CS (except CS 4883 Social Issues in Computing), GEOL, MATH, MICR, PBIO, PHYS, and STAT; or courses from other departments that carry an (A) or (N) general education designation.
- The required six hours of upper-division General Education may not include courses from the student's major department. This requirement may be satisfied by courses also used to satisfy any part of a student's degree program (i.e., in General Education, College Departmental Requirements, Major Requirements or Electives).
- Non-Western Studies Requirement for B.A. and B.F.A.; One 3-hour course in Non-Western Studies (N.W.). This requirement may be satisfied by courses also used to satisfy any part of a student's degree program (i.e., in General Education, College Departmental Requirements, Major Requirements or Electives).
- The College of Arts & Sciences requires a minimum 2.0 GPA in all major requirements and a minimum 2.0 GPA in all major-prefix courses applied to the degree.

### 3. Foreign Language Proficiency

- The foreign language requirement for the B.A. may be satisfied by 9 hours college credit in the same language, which must include 3 hours at the 2000-level, or equivalent proficiency (e.g., passing an advanced standing examination; TOEFL exam; presenting a high school transcript which demonstrates the high school was primarily conducted in a language other than English; etc.). Computer Science courses may not be used to satisfy this requirement. Currently Arabic and Mvskoke are not offered at the 2000-level at OSU.
- The foreign language requirement for the B.S., B.M. and B.F.A. may be satisfied by presenting a high school transcript which demonstrates two years of study of a single foreign language (passing grades at second-year level of study). It may also be satisfied by 6 hours college credit in the same language, which must include language courses 1713 and 1813, or equivalent proficiency (e.g., passing an advanced standing examination; TOEFL exam; presenting a high school transcript which demonstrates the high school was primarily conducted in a language other than English; etc.). Computer Science courses may not be used to satisfy this requirement.

- In addition to a. and b., students pursuing teacher certification must meet novice-high foreign language proficiency by presenting a high school transcript which demonstrates two years of study of a single foreign language with no grade below B. Or, students may complete 3 hours college credit in a single language with no grade below C (or pass an advanced standing examination, College Level Examination Program (CLEP) exam, or Oral Proficiency Interview developed by the American Council on the Teaching of Foreign Languages, equivalent to 3 hours of college credit.) Or, students may meet the requirement by transfer of documentation of meeting the foreign language competency from one of the teacher education programs in the State of Oklahoma approved by the Oklahoma State Regents for Higher Education.

### 4. Exclusions

- Courses used to satisfy the General Education English Composition, U.S. History, American Government, and Mathematics or Statistics requirements will not count toward the 54-hour maximum allowed from one department.
- Courses with ATHL or LEIS prefixes and leisure activity courses may not be used for degree credit.

## Additional State/OSU Requirements

- At least: 60 hours at a four-year institution; 30 hours completed at OSU; 15 of the final 30 or 50% of the upper-division hours in the major field completed at OSU.
- Limit of: one-half of major course requirements as transfer work; one-fourth of hours earned by correspondence; 8 transfer correspondence hours.
- Students will be held responsible for degree requirements in effect at the time of matriculation and any changes that are made, so long as these changes do not result in semester credit hours being added or do not delay graduation.
- Degrees that follow this plan must be completed by the end of Summer 2028.

## Example Plan of Study

### Finish in Four Plan of Study

The plan below is an example of how students can successfully complete degree requirements in four years. This suggested class schedule plan may be used as a guide and can be adjusted based on individual needs. Students are required to meet with an academic advisor prior to enrollment each semester to plan their class schedule, and students are ultimately responsible for completing all degree requirements.

Course	Title	Hours
<b>Freshman</b>		
<b>Fall</b>		
FREN 1713	Elementary French I	3
General Education courses		11
<b>Hours</b>		<b>14</b>
<b>Spring</b>		
FREN 1813	Elementary French II	3
General Education courses		13
<b>Hours</b>		<b>16</b>
<b>Sophomore</b>		
<b>Fall</b>		
FREN 2713	Intermediate Reading and Conversation I (I)	3
FREN 2723	Intermediate Grammar and Composition I	3

General Education courses		9
	<b>Hours</b>	<b>15</b>
<b>Spring</b>		
FREN 2813	Intermediate Reading and Conversation II	3
FREN 2823	Intermediate Grammar & Comp II	3
		9
	<b>Hours</b>	<b>15</b>
<b>Junior</b>		
<b>Fall</b>		
FREN 3213	Advanced Grammar	3
Major, College, and Elective courses		12
	<b>Hours</b>	<b>15</b>
<b>Spring</b>		
FREN 3203	Advanced Written Expression	3
Major, College, and Elective courses		12
	<b>Hours</b>	<b>15</b>
<b>Senior</b>		
<b>Fall</b>		
Major, College, and Elective courses		15
	<b>Hours</b>	<b>15</b>
<b>Spring</b>		
FREN 4333	Background of Modern French Civilization	3
FREN 4163		3
College and Elective courses		9
	<b>Hours</b>	<b>15</b>
	<b>Total Hours</b>	<b>120</b>

## French: Business Essentials, BA

### Degree Requirements

**Requirements for Students Matriculating in or before Academic Year 2022-2023.** Learn more about University Academic Regulation 3.1 (p. 943).

**Minimum Overall Grade Point Average:** 2.00

**Total Hours:** 120

Code	Title	Hours
<b>General Education Requirements</b>		
<i>English Composition</i>		
See Academic Regulation 3.5 (p. 944)		
ENGL 1113	Composition I	3
or ENGL 1313	Critical Analysis and Writing I	
Select one of the following:		3
ENGL 1213	Composition II	
ENGL 1413	Critical Analysis and Writing II	
ENGL 3323	Technical Writing	
<i>American History &amp; Government</i>		
HIST 1103	Survey of American History	3
or HIST 1483	American History to 1865 (H)	
or HIST 1493	American History Since 1865 (DH)	
POLS 1113	American Government	3
<i>Analytical &amp; Quantitative Thought (A)</i>		
MATH 1483 or higher (not MATH 1493)	<sup>1</sup>	3
<i>Humanities (H)</i>		
Courses designated (H)		6
<i>Natural Sciences (N)</i>		
Must include one Laboratory Science (L) course.		
Courses designated (N)		6
<i>Social &amp; Behavioral Sciences (S)</i>		
Course designated (S)		3
<i>Additional General Education</i>		
Courses designated (A), (H), (N) or (S)		10
<b>Hours Subtotal</b>		<b>40</b>
<b>Diversity (D) &amp; International Dimension (I)</b>		
May be completed in any part of the degree plan.		
At least one Diversity (D) course.		
At least one International Dimension (I) course.		
<b>College/Departmental Requirements</b>		
<i>First Year Seminar</i>		
(Transfer students with 15 hours exempt)		1
<i>Arts &amp; Humanities</i>		
(See note 2.a.)		9
<i>Natural &amp; Mathematical Sciences</i>		
(See note 2.b.)		3
<i>Foreign Language</i>		
FREN 1713	Elementary French I	3
FREN 1813	Elementary French II	3
FREN 2713	Intermediate Reading and Conversation I (I)	3
<i>Non-Western Studies</i>		

At least one course		
(See note 2.d.)		
<i>Upper-Division General Education</i>		
6 hours outside major department		
(See note 2.c.)		
<b>Hours Subtotal</b>		<b>22</b>
<b>Major Requirements</b>		
Minimum GPA 2.50 in upper-division French courses with minimum grade of "C" in each course.		
Select these courses (or equivalent proficiency):		
FREN 2723	Intermediate Grammar and Composition I	3
FREN 2813	Intermediate Reading and Conversation II	3
FREN 2823	Intermediate Grammar & Comp II	3
FREN 3203	Advanced Written Expression	3
FREN 3213	Advanced Grammar	3
FREN 3343	Business French	3
FREN 4333	Background of Modern French Civilization	3
9 or more hours of French, of which at least six hours must be literature courses, from: <sup>2</sup>		9
FREN 3073	French Conversation	
FREN 3463	Advanced Diction and Phonetics	
FREN 3853	Introduction to Analysis of French Literature <sup>2</sup>	
FREN 4153	Survey of French Literature I <sup>2</sup>	
FREN 4173	Survey of French Literature II <sup>2</sup>	
FREN 4550	Directed Studies in French ((1-9 hours))	
FREN 4573	Modern French Theater <sup>2</sup>	
LL 3500	Specialized Study in a Modern Language (1-20 hours)	
LL 4000	Specialized Studies in Languages and Literatures (1-9 hours)	
<i>Business Essentials</i>		
ACCT 2003	Survey of Accounting	3
MGMT 3013	Fundamentals of Management (S)	3
MKTG 3213	Marketing (S)	3
3 hours from:		3
ECON 2003	Microeconomic Principles for Business	
EEE 2023	Introduction to Entrepreneurship	
LSB 3213	Legal and Regulatory Environment of Business	
MSIS 2103	Business Data Science Technologies	
Additional hours to reach the required 42 hours may be taken from the following:		
GEOG 3723	Europe (IS)	
POLS 3143	European Politics (I)	
HTM 3223	International Travel and Tourism (I)	
LSB 4633	Legal Aspects of International Business Transactions (I)	
MGMT 4613	International Management (I)	
MKTG 3993	International Business (I)	
MKTG 4553	International Marketing	
<b>Hours Subtotal</b>		<b>42</b>
<b>Electives</b>		

Select 16 hours	16
May need to include at least 13 upper-division hours.	
<b>Hours Subtotal</b>	<b>16</b>
<b>Total Hours</b>	<b>120</b>

1

College and Departmental Requirements that may be used to meet General Education Requirements.

2

Literature course options include FREN 3853, FREN 4153, FREN 4173, and FREN 4573.

## Other Requirements

- See the College of Arts and Sciences Requirements.
- **Upper-Division Credit:** Total hours must include at least 40 hours in courses numbered 3000 or above.
- **Hours in One Department:** For B.A. and B.S. degrees, no more than 54 hours in one department may be applied to degree requirements.

## College of Arts and Sciences Requirements

### 1. General Education Requirements

No more than two courses (or eight hours) from the major department (<http://catalog.okstate.edu/college-arts-sciences-major-departments/>) may be used to meet General Education and College and Departmental Requirements. The General Education required English Composition, required U.S. History, required American Government, one required MATH or STAT course, and required foreign language for B.A. degrees do not count against the two-course maximum.

### 2. A&S College/Departmental Requirements

- Arts and Humanities are defined as any course carrying an (H) designation or courses from AMST, ART, DANC, ENGL (except ENGL 3323 Technical Writing) HIST, MUSI, PHIL (except PHIL 1313 Logic and Critical Thinking (A), PHIL 3003 Symbolic Logic (A) and PHIL 4003 Mathematical Logic and Computability), REL, TH, and foreign languages.
- Natural and Mathematical Sciences are defined as any course from the following prefixes: ASTR, BIOC, BIOL, CHEM, CS (except CS 4883 Social Issues in Computing), GEOL, MATH, MICR, PBIO, PHYS, and STAT; or courses from other departments that carry an (A) or (N) general education designation.
- The required six hours of upper-division General Education may not include courses from the student's major department. This requirement may be satisfied by courses also used to satisfy any part of a student's degree program (i.e., in General Education, College Departmental Requirements, Major Requirements or Electives).
- Non-Western Studies Requirement for B.A. and B.F.A.; One 3-hour course in Non-Western Studies (N.W.). This requirement may be satisfied by courses also used to satisfy any part of a student's degree program (i.e., in General Education, College Departmental Requirements, Major Requirements or Electives).
- The College of Arts & Sciences requires a minimum 2.0 GPA in all major requirements and a minimum 2.0 GPA in all major-prefix courses applied to the degree.

### 3. Foreign Language Proficiency

- The foreign language requirement for the B.A. may be satisfied by 9 hours college credit in the same language, which must include 3 hours at the 2000-level, or equivalent proficiency (e.g., passing an advanced standing examination; TOEFL exam; presenting a high school transcript which demonstrates the high school was primarily conducted in a language other than English; etc.). Computer Science courses may not be used to satisfy this requirement. Currently Arabic and Mvskoke are not offered at the 2000-level at OSU.
- The foreign language requirement for the B.S., B.M. and B.F.A. may be satisfied by presenting a high school transcript which demonstrates two years of study of a single foreign language (passing grades at second-year level of study). It may also be satisfied by 6 hours college credit in the same language, which must include language courses 1713 and 1813, or equivalent proficiency (e.g., passing an advanced standing examination; TOEFL exam; presenting a high school transcript which demonstrates the high school was primarily conducted in a language other than English; etc.). Computer Science courses may not be used to satisfy this requirement.
- In addition to a. and b., students pursuing teacher certification must meet novice-high foreign language proficiency by presenting a high school transcript which demonstrates two years of study of a single foreign language with no grade below B. Or, students may complete 3 hours college credit in a single language with no grade below C (or pass an advanced standing examination, College Level Examination Program (CLEP) exam, or Oral Proficiency Interview developed by the American Council on the Teaching of Foreign Languages, equivalent to 3 hours of college credit.) Or, students may meet the requirement by transfer of documentation of meeting the foreign language competency from one of the teacher education programs in the State of Oklahoma approved by the Oklahoma State Regents for Higher Education.

### 4. Exclusions

- Courses used to satisfy the General Education English Composition, U.S. History, American Government, and Mathematics or Statistics requirements will not count toward the 54-hour maximum allowed from one department.
- Courses with ATHL or LEIS prefixes and leisure activity courses may not be used for degree credit.

## Additional State/OSU Requirements

- At least: 60 hours at a four-year institution; 30 hours completed at OSU; 15 of the final 30 or 50% of the upper-division hours in the major field completed at OSU.
- Limit of: one-half of major course requirements as transfer work; one-fourth of hours earned by correspondence; 8 transfer correspondence hours.
- Students will be held responsible for degree requirements in effect at the time of matriculation and any changes that are made, so long as these changes do not result in semester credit hours being added or do not delay graduation.
- Degrees that follow this plan must be completed by the end of Summer 2028.

## Example Plan of Study

### Finish in Four Plan of Study

The plan below is an **example** of how students can successfully complete degree requirements in four years. This suggested class schedule plan may be used as a guide and can be adjusted based on individual needs. Students are required to meet with an academic advisor prior to enrollment each semester to plan their class schedule, and students are ultimately responsible for completing all degree requirements.

Course	Title	Hours
<b>Freshman</b>		
<b>Fall</b>		
FREN 1713	Elementary French I	3
General Education courses		11
<b>Hours</b>		<b>14</b>
<b>Spring</b>		
FREN 1813	Elementary French II	3
General Education courses		13
<b>Hours</b>		<b>16</b>
<b>Sophomore</b>		
<b>Fall</b>		
FREN 2713	Intermediate Reading and Conversation I (I)	3
FREN 2723	Intermediate Grammar and Composition I	3
General Education courses		9
<b>Hours</b>		<b>15</b>
<b>Spring</b>		
FREN 2813	Intermediate Reading and Conversation II	3
FREN 2823	Intermediate Grammar & Comp II	3
		9
<b>Hours</b>		<b>15</b>
<b>Junior</b>		
<b>Fall</b>		
FREN 3213	Advanced Grammar	3
Major, College, and Elective courses		12
<b>Hours</b>		<b>15</b>
<b>Spring</b>		
FREN 3203	Advanced Written Expression	3
Major, College, and Elective courses		12
<b>Hours</b>		<b>15</b>
<b>Senior</b>		
<b>Fall</b>		
Major, College, and Elective courses		15
<b>Hours</b>		<b>15</b>
<b>Spring</b>		
FREN 4333	Background of Modern French Civilization	3
FREN 4163		3
College and Elective courses		9
<b>Hours</b>		<b>15</b>
<b>Total Hours</b>		<b>120</b>

## French: Pre-Law, BA

### Degree Requirements

**Requirements for Students Matriculating in or before Academic Year 2022-2023.** Learn more about University Academic Regulation 3.1 (p. 943).

**Minimum Overall Grade Point Average:** 2.00

**Total Hours:** 120

Code	Title	Hours
<b>General Education Requirements</b>		
<i>English Composition</i>		
See Academic Regulation 3.5 (p. 944)		
ENGL 1113	Composition I	3
or ENGL 1313	Critical Analysis and Writing I	
Select one of the following:		3
ENGL 1213	Composition II	
ENGL 1413	Critical Analysis and Writing II	
ENGL 3323	Technical Writing	
<i>American History &amp; Government</i>		
HIST 1103	Survey of American History	3
or HIST 1483	American History to 1865 (H)	
or HIST 1493	American History Since 1865 (DH)	
POLS 1113	American Government	3
<i>Analytical &amp; Quantitative Thought (A)</i>		
MATH or STAT course designated (A)		3
PHIL 1313	Logic and Critical Thinking (A)	3
<i>Humanities (H)</i>		
Courses designated (H)		6
<i>Natural Sciences (N)</i>		
Must include one Laboratory Science (L) course		
Course designated (N)		6
<i>Social &amp; Behavioral Sciences (S)</i>		
Course designated (S)		3
<i>Additional General Education</i>		
Courses designated (A), (H), (N), or (S)		7
<b>Hours Subtotal</b>		<b>40</b>
<b>Diversity (D) &amp; International Dimension (I)</b>		
May be completed in any part of the degree plan		
Select at least one Diversity (D) course		
Select at least one International Dimension (I) course		
<b>College/Departmental Requirements</b>		
<i>First Year Seminar</i>		
(Transfer students with 15 hours exempt)		1
<i>Arts &amp; Humanities</i>		
See note 2.a.		9
<i>Natural &amp; Mathematical Sciences</i>		
See note 2.b.		3
<i>Foreign Language</i>		
FREN 1713	Elementary French I	
FREN 1813	Elementary French II	
FREN 2713	Intermediate Reading and Conversation I (I)	

See note 3		9
<i>Non-Western Studies</i>		
Select at least one course		
See note 2.c.		
<i>Upper-Division General Education</i>		
Select 6 hours outside major department		
See note 2.c.		
<b>Hours Subtotal</b>		<b>22</b>
<b>Major Requirements</b>		
Minimum GPA 2.50 in upper-division French courses with minimum grade of "C" in each course		
FREN 2723	Intermediate Grammar and Composition I	3
FREN 2813	Intermediate Reading and Conversation II	3
FREN 2823	Intermediate Grammar & Comp II	3
FREN 3203	Advanced Written Expression	3
FREN 3213	Advanced Grammar	3
FREN 4333	Background of Modern French Civilization	3
Select 12 hours or more of the following French courses. At least six hours must be literature courses: <sup>1</sup>		12
FREN 3073	French Conversation	
FREN 3343	Business French	
FREN 3463	Advanced Diction and Phonetics	
FREN 3853	Introduction to Analysis of French Literature <sup>1</sup>	
FREN 4153	Survey of French Literature I <sup>1</sup>	
FREN 4173	Survey of French Literature II <sup>1</sup>	
FREN 4550	Directed Studies in French (1-9)	
FREN 4573	Modern French Theater <sup>1</sup>	
LL 3500	Specialized Study in a Modern Language	
LL 4000	Specialized Studies in Languages and Literatures	
Select 9 hours from the following or accredited doctoral law courses.		9
AMIS 4013	American Indian Sovereignty (D)	
ECON 3313	Money and Banking	
ECON 3423	Public Finance	
ENGL 3223	Professional Writing Theory	
ENGL 3323	Technical Writing	
PHIL 3003	Symbolic Logic (A)	
PHIL 3413	Ethical Theory (H)	
PHIL 3843	Philosophy of Law (H)	
POLS 3033	International Law	
POLS 3453	U.S. Congress	
POLS 3493	Public Policy	
POLS 3613	State and Local Government	
POLS 4353	Administrative Law	
POLS 4363	Environmental Law And Policy	
POLS 4963	U.S. Constitution: Civil Rights and Civil Liberties	
POLS 4973	U.S. Constitution: Separation of Powers	
SOC 4313	Sociology of Law	
SPCH 3733	Elements of Persuasion (S)	
<b>Hours Subtotal</b>		<b>39</b>



Electives	
Select 19 hours	19
May need to include 6 hours upper-division general education outside major department (see note 2.c.) and 12 additional upper-division hours	
Hours Subtotal	19
Total Hours	120

1

At least 6 hours must be from literature courses marked with a <sup>1</sup>.

## Other Requirements

- See the College of Arts and Sciences Requirements.
- **Upper-Division Credit:** Total hours must include at least 40 hours in courses numbered 3000 or above.
- **Hours in One Department:** For B.A. and B.S. degrees, no more than 54 hours in one department may be applied to degree requirements.

## College of Arts and Sciences Requirements

### 1. General Education Requirements

No more than two courses (or eight hours) from the major department (<http://catalog.okstate.edu/college-arts-sciences-major-departments/>) may be used to meet General Education and College and Departmental Requirements. The General Education required English Composition, required U.S. History, required American Government, one required MATH or STAT course, and required foreign language for B.A. degrees do not count against the two-course maximum.

### 2. A&S College/Departmental Requirements

- Arts and Humanities are defined as any course carrying an (H) designation or courses from AMST, ART, DANC, ENGL (except ENGL 3323 Technical Writing) HIST, MUSI, PHIL (except PHIL 1313 Logic and Critical Thinking (A), PHIL 3003 Symbolic Logic (A) and PHIL 4003 Mathematical Logic and Computability), REL, TH, and foreign languages.
- Natural and Mathematical Sciences are defined as any course from the following prefixes: ASTR, BIOC, BIOL, CHEM, CS (except CS 4883 Social Issues in Computing), GEOL, MATH, MICR, PBIO, PHYS, and STAT; or courses from other departments that carry an (A) or (N) general education designation.
- The required six hours of upper-division General Education may not include courses from the student's major department. This requirement may be satisfied by courses also used to satisfy any part of a student's degree program (i.e., in General Education, College Departmental Requirements, Major Requirements or Electives).
- Non-Western Studies Requirement for B.A. and B.F.A.; One 3-hour course in Non-Western Studies (N.W.). This requirement may be satisfied by courses also used to satisfy any part of a student's degree program (i.e., in General Education, College Departmental Requirements, Major Requirements or Electives).
- The College of Arts & Sciences requires a minimum 2.0 GPA in all major requirements and a minimum 2.0 GPA in all major-prefix courses applied to the degree.

### 3. Foreign Language Proficiency

- The foreign language requirement for the B.A. may be satisfied by 9 hours college credit in the same language, which must include

3 hours at the 2000-level, or equivalent proficiency (e.g., passing an advanced standing examination; TOEFL exam; presenting a high school transcript which demonstrates the high school was primarily conducted in a language other than English; etc.). Computer Science courses may not be used to satisfy this requirement. Currently Arabic and Mvskoke are not offered at the 2000-level at OSU.

- The foreign language requirement for the B.S., B.M. and B.F.A. may be satisfied by presenting a high school transcript which demonstrates two years of study of a single foreign language (passing grades at second-year level of study). It may also be satisfied by 6 hours college credit in the same language, which must include language courses 1713 and 1813, or equivalent proficiency (e.g., passing an advanced standing examination; TOEFL exam; presenting a high school transcript which demonstrates the high school was primarily conducted in a language other than English; etc.). Computer Science courses may not be used to satisfy this requirement.
  - In addition to a. and b., students pursuing teacher certification must meet novice-high foreign language proficiency by presenting a high school transcript which demonstrates two years of study of a single foreign language with no grade below B. Or, students may complete 3 hours college credit in a single language with no grade below C (or pass an advanced standing examination, College Level Examination Program (CLEP) exam, or Oral Proficiency Interview developed by the American Council on the Teaching of Foreign Languages, equivalent to 3 hours of college credit.) Or, students may meet the requirement by transfer of documentation of meeting the foreign language competency from one of the teacher education programs in the State of Oklahoma approved by the Oklahoma State Regents for Higher Education.
- ### 4. Exclusions
- Courses used to satisfy the General Education English Composition, U.S. History, American Government, and Mathematics or Statistics requirements will not count toward the 54-hour maximum allowed from one department.
  - Courses with ATHL or LEIS prefixes and leisure activity courses may not be used for degree credit.

## Additional State/OSU Requirements

- At least: 60 hours at a four-year institution; 30 hours completed at OSU; 15 of the final 30 or 50% of the upper-division hours in the major field completed at OSU.
- Limit of: one-half of major course requirements as transfer work; one-fourth of hours earned by correspondence; 8 transfer correspondence hours.
- Students will be held responsible for degree requirements in effect at the time of matriculation and any changes that are made, so long as these changes do not result in semester credit hours being added or do not delay graduation.
- Degrees that follow this plan must be completed by the end of Summer 2028.

## Example Plan of Study

### Finish in Four Plan of Study

The plan below is an **example** of how students can successfully complete degree requirements in four years. This suggested class schedule plan may be used as a guide and can be adjusted based on individual

needs. Students are required to meet with an academic advisor prior to enrollment each semester to plan their class schedule, and students are ultimately responsible for completing all degree requirements.

Course	Title	Hours
<b>Freshman</b>		
<b>Fall</b>		
FREN 1713	Elementary French I	3
General Education courses		11
<b>Hours</b>		<b>14</b>
<b>Spring</b>		
FREN 1813	Elementary French II	3
General Education courses		13
<b>Hours</b>		<b>16</b>
<b>Sophomore</b>		
<b>Fall</b>		
FREN 2713	Intermediate Reading and Conversation I (I)	3
FREN 2723	Intermediate Grammar and Composition I	3
PHIL 1313	Logic and Critical Thinking (A)	3
General Education courses		6
<b>Hours</b>		<b>15</b>
<b>Spring</b>		
FREN 2813	Intermediate Reading and Conversation II	3
FREN 2823	Intermediate Grammar & Comp II	3
		9
<b>Hours</b>		<b>15</b>
<b>Junior</b>		
<b>Fall</b>		
FREN 3213	Advanced Grammar	3
Major, College, and Elective courses		12
<b>Hours</b>		<b>15</b>
<b>Spring</b>		
FREN 3203	Advanced Written Expression	3
Major, College, and Elective courses		12
<b>Hours</b>		<b>15</b>
<b>Senior</b>		
<b>Fall</b>		
Major, College, and Elective courses		15
<b>Hours</b>		<b>15</b>
<b>Spring</b>		
FREN 4333	Background of Modern French Civilization	3
FREN 4163		3
College and Elective courses		9
<b>Hours</b>		<b>15</b>
<b>Total Hours</b>		<b>120</b>

## German (GRMN), Minor

**Requirements for Students Matriculating in or before Academic Year 2022-2023.** Learn more about University Academic Regulation 3.1 (p. 943).

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**Minimum Overall Grade Point Average:** 2.50

**Total Hours:** 24

The completion of all lower-division coursework or equivalent proficiency in same language to be followed by:

Code	Title	Hours
<b>Language Sequence Requirements</b>		
GRMN 1713	Elementary German I	3
GRMN 1813	Elementary German II	3
GRMN 2713	Reading and Conversation I (I)	3
GRMN 2723	Intermediate Grammar and Composition I	3
GRMN 2813	Reading and Conversation II	3
GRMN 2823	Intermediate Grammar and Composition II (I)	3
<b>Upper-Level Requirements</b>		
Select six hours from the following:		6
GRMN 3013	German for Reading Requirements I	
GRMN 3023	German for Reading Requirements II	
GRMN 3343	German for Professional Purposes	
GRMN 3463	Advanced Diction and Phonetics	
GRMN 3501	Orientation to Internship Abroad	
GRMN 3502	Internship Abroad	
GRMN 3803	Advanced Conversation	
GRMN 3813	Advanced Grammar and Composition	
GRMN 4113	German Literature in Translation (I)	
GRMN 4153	Survey of German Literature I	
GRMN 4163	Survey of German Literature II	
GRMN 4333	Backgrounds of Modern German Civilization	
GRMN 4343	Modern Germany	
GRMN 4513	The Age of Goethe	
GRMN 4523	19th Century German Literature	
GRMN 4543	Contemporary German Literature	
GRMN 4550	Studies in German	
<b>Total Hours</b>		<b>24</b>

- The courses required for a minor may be included in the course requirements for any undergraduate degree or they may be in addition to degree requirements, depending on the overlap between the minor and degree requirements. However, an undergraduate minor must be earned in an academic field other than the student's declared degree option. The minor may not duplicate the degree major or option (for example, a student who earns a BA in Art with an Art History option may earn a minor in Studio Art but not Art History).
- A student generally follows the minor requirements associated with his or her matriculation year or newer requirements that have been established since matriculation. The time limit for following requirements from a given academic year is six years.

For additional information on requirements on minors, click here (<https://adminfinance.okstate.edu/site-files/documents/policies/requirements-for-undergraduate-and-graduate-minors.pdf>).

## Other Requirements

- No grade below "C" in all upper-division courses

## Additional OSU Requirements

### Undergraduate Minors

- An undergraduate minor must include between fifteen and thirty hours, inclusive of undergraduate coursework.
- A minimum of six credit hours for the minor must be earned in residence at OSU.

## German, BA

### Degree Requirements

**Requirements for Students Matriculating in or before Academic Year 2022-2023.** Learn more about University Academic Regulation 3.1 (p. 943).

**Minimum Overall Grade Point Average:** 2.00

**Total Hours:** 120

Code	Title	Hours
<b>General Education Requirements</b>		
<i>English Composition</i>		
See Academic Regulation 3.5 (p. 944)		
ENGL 1113	Composition I	3
or ENGL 1313	Critical Analysis and Writing I	
Select one of the following:		3
ENGL 1213	Composition II	
ENGL 1413	Critical Analysis and Writing II	
ENGL 3323	Technical Writing	
<i>American History &amp; Government</i>		
HIST 1103	Survey of American History	3
or HIST 1483	American History to 1865 (H)	
or HIST 1493	American History Since 1865 (DH)	
POLS 1113	American Government	3
<i>Analytical &amp; Quantitative Thought (A)</i>		
MATH or STAT course designated (A)		3
<i>Humanities (H)</i>		
Courses designated (H)		6
<i>Natural Sciences (N)</i>		
Must include one Laboratory Science (L) course		
Course designated (N)		6
<i>Social &amp; Behavioral Sciences (S)</i>		
Course designated (S)		3
<i>Additional General Education</i>		
Courses designated (A), (H), (N), or (S)		10
<b>Hours Subtotal</b>		<b>40</b>
<b>Diversity (D) &amp; International Dimension (I)</b>		
May be completed in any part of the degree plan		
Select at least one Diversity (D) course		
Select at least one International Dimension (I) course		
<b>College/Departmental Requirements</b>		
<i>First Year Seminar</i>		
(Transfer students with 15 hours exempt)		1
<i>Arts &amp; Humanities</i>		
See note 2.a.		9
<i>Natural &amp; Mathematical Sciences</i>		
See note 2.b.		3
<i>Foreign Language</i>		
GRMN 1713	Elementary German I	3
GRMN 1813	Elementary German II	3
GRMN 2713	Reading and Conversation I (I)	3
<i>Non-Western Studies</i>		

Select at least one course

See note 2.d.

*Upper-Division General Education*

Select 6 hours outside major department

See note 2.c.

**Hours Subtotal** **22**

**Major Requirements**

Minimum GPA 2.50 in upper-division German courses with minimum grade of "C" in each course

GRMN 2723	Intermediate Grammar and Composition I	3
GRMN 2813	Reading and Conversation II	3
GRMN 2823	Intermediate Grammar and Composition II (I)	3
GRMN 3803	Advanced Conversation	3
GRMN 3813	Advanced Grammar and Composition	3
GRMN 4333	Backgrounds of Modern German Civilization	3
or GRMN 4343	Modern Germany	

Select 12 or more hours of German of the following. At least six hours must be literature courses: <sup>1</sup>

GRMN 3343	German for Professional Purposes	
GRMN 3463	Advanced Diction and Phonetics	
GRMN 3501	Orientation to Internship Abroad	
GRMN 3502	Internship Abroad	
GRMN 4153	Survey of German Literature I <sup>1</sup>	
GRMN 4163	Survey of German Literature II <sup>1</sup>	
GRMN 4513	The Age of Goethe <sup>1</sup>	
GRMN 4523	19th Century German Literature <sup>1</sup>	
GRMN 4543	Contemporary German Literature <sup>1</sup>	
GRMN 4550	Studies in German (1-9 hours)	
LL 3500	Specialized Study in a Modern Language	
LL 4000	Specialized Studies in Languages and Literatures	

Select 10 upper-division hours to reach 40 hours. **10**

**Hours Subtotal** **40**

**Electives**

Select 18 hours **18**

May need to include 6 hours upper-division general education outside major department (see note 2.c.) and 12 additional upper-division hours

**Hours Subtotal** **18**

**Total Hours** **120**

<sup>1</sup>

At least 6 hours must be from literature courses marked with a <sup>1</sup>.

### Other Requirements

- See the College of Arts and Sciences Requirements.
- **Upper-Division Credit:** Total hours must include at least 40 hours in courses numbered 3000 or above.
- **Hours in One Department:** For B.A. and B.S. degrees, no more than 54 hours in one department may be applied to degree requirements.

## College of Arts and Sciences Requirements

### 1. General Education Requirements

No more than two courses (or eight hours) from the major department (<http://catalog.okstate.edu/college-arts-sciences-major-departments/>) may be used to meet General Education and College and Departmental Requirements. The General Education required English Composition, required U.S. History, required American Government, one required MATH or STAT course, and required foreign language for B.A. degrees do not count against the two-course maximum.

### 2. A&S College/Departmental Requirements

- Arts and Humanities are defined as any course carrying an (H) designation or courses from AMST, ART, DANC, ENGL (except ENGL 3323 Technical Writing) HIST, MUSI, PHIL (except PHIL 1313 Logic and Critical Thinking (A), PHIL 3003 Symbolic Logic (A) and PHIL 4003 Mathematical Logic and Computability), REL, TH, and foreign languages.
- Natural and Mathematical Sciences are defined as any course from the following prefixes: ASTR, BIOC, BIOL, CHEM, CS (except CS 4883 Social Issues in Computing), GEOL, MATH, MICR, PBIO, PHYS, and STAT; or courses from other departments that carry an (A) or (N) general education designation.
- The required six hours of upper-division General Education may not include courses from the student's major department. This requirement may be satisfied by courses also used to satisfy any part of a student's degree program (i.e., in General Education, College Departmental Requirements, Major Requirements or Electives).
- Non-Western Studies Requirement for B.A. and B.F.A.; One 3-hour course in Non-Western Studies (N.W.). This requirement may be satisfied by courses also used to satisfy any part of a student's degree program (i.e., in General Education, College Departmental Requirements, Major Requirements or Electives).
- The College of Arts & Sciences requires a minimum 2.0 GPA in all major requirements and a minimum 2.0 GPA in all major-prefix courses applied to the degree.

### 3. Foreign Language Proficiency

- The foreign language requirement for the B.A. may be satisfied by 9 hours college credit in the same language, which must include 3 hours at the 2000-level, or equivalent proficiency (e.g., passing an advanced standing examination; TOEFL exam; presenting a high school transcript which demonstrates the high school was primarily conducted in a language other than English; etc.). Computer Science courses may not be used to satisfy this requirement. Currently Arabic and Mvskoke are not offered at the 2000-level at OSU.
- The foreign language requirement for the B.S., B.M. and B.F.A. may be satisfied by presenting a high school transcript which demonstrates two years of study of a single foreign language (passing grades at second-year level of study). It may also be satisfied by 6 hours college credit in the same language, which must include language courses 1713 and 1813, or equivalent proficiency (e.g., passing an advanced standing examination; TOEFL exam; presenting a high school transcript which demonstrates the high school was primarily conducted in a language other than English; etc.). Computer Science courses may not be used to satisfy this requirement.

- In addition to a. and b., students pursuing teacher certification must meet novice-high foreign language proficiency by presenting a high school transcript which demonstrates two years of study of a single foreign language with no grade below B. Or, students may complete 3 hours college credit in a single language with no grade below C (or pass an advanced standing examination, College Level Examination Program (CLEP) exam, or Oral Proficiency Interview developed by the American Council on the Teaching of Foreign Languages, equivalent to 3 hours of college credit.) Or, students may meet the requirement by transfer of documentation of meeting the foreign language competency from one of the teacher education programs in the State of Oklahoma approved by the Oklahoma State Regents for Higher Education.

### 4. Exclusions

- Courses used to satisfy the General Education English Composition, U.S. History, American Government, and Mathematics or Statistics requirements will not count toward the 54-hour maximum allowed from one department.
- Courses with ATHL or LEIS prefixes and leisure activity courses may not be used for degree credit.

## Additional State/OSU Requirements

- At least: 60 hours at a four-year institution; 30 hours completed at OSU; 15 of the final 30 or 50% of the upper-division hours in the major field completed at OSU.
- Limit of: one-half of major course requirements as transfer work; one-fourth of hours earned by correspondence; 8 transfer correspondence hours.
- Students will be held responsible for degree requirements in effect at the time of matriculation and any changes that are made, so long as these changes do not result in semester credit hours being added or do not delay graduation.
- Degrees that follow this plan must be completed by the end of Summer 2028.

## Example Plan of Study

### Finish in Four Plan of Study

The plan below is an example of how students can successfully complete degree requirements in four years. This suggested class schedule plan may be used as a guide and can be adjusted based on individual needs. Students are required to meet with an academic advisor prior to enrollment each semester to plan their class schedule, and students are ultimately responsible for completing all degree requirements.

Course	Title	Hours
<b>Freshman</b>		
<b>Fall</b>		
GRMN 1713	Elementary German I	3
General Education courses		13
<b>Hours</b>		<b>16</b>
<b>Spring</b>		
GRMN 1813	Elementary German II	3
General Education courses		11
<b>Hours</b>		<b>14</b>
<b>Sophomore</b>		
<b>Fall</b>		
GRMN 2713	Reading and Conversation I (I)	3
GRMN 2723	Intermediate Grammar and Composition I	3

General Education courses		9
	<b>Hours</b>	<b>15</b>
<b>Spring</b>		
GRMN 2813	Reading and Conversation II	3
GRMN 2823	Intermediate Grammar and Composition II (I)	3
College and Elective courses		9
	<b>Hours</b>	<b>15</b>
<b>Junior</b>		
<b>Fall</b>		
GRMN 3803	Advanced Conversation	3
GRMN 4333	Backgrounds of Modern German Civilization	3
Major, College, and Elective courses		9
	<b>Hours</b>	<b>15</b>
<b>Spring</b>		
Major, College, and Elective courses		15
	<b>Hours</b>	<b>15</b>
<b>Senior</b>		
<b>Fall</b>		
GRMN 3813	Advanced Grammar and Composition	3
Major, College, and Elective courses		12
	<b>Hours</b>	<b>15</b>
<b>Spring</b>		
Major, College, and Elective courses		15
	<b>Hours</b>	<b>15</b>
	<b>Total Hours</b>	<b>120</b>



## German: Business Essentials, BA

### Degree Requirements

**Requirements for Students Matriculating in or before Academic Year 2022-2023.** Learn more about University Academic Regulation 3.1 (p. 943).

**Minimum Overall Grade Point Average: 2.00**

**Total Hours: 120**

Code	Title	Hours
<b>General Education Requirements</b>		
<i>English Composition</i>		
See Academic Regulation 3.5 (p. 944)		
ENGL 1113	Composition I	3
or ENGL 1313	Critical Analysis and Writing I	
Select one of the following:		3
ENGL 1213	Composition II	
ENGL 1413	Critical Analysis and Writing II	
ENGL 3323	Technical Writing	
<i>American History &amp; Government</i>		
HIST 1103	Survey of American History	3
or HIST 1483	American History to 1865 (H)	
or HIST 1493	American History Since 1865 (DH)	
POLS 1113	American Government	3
<i>Analytical &amp; Quantitative Thought (A)</i>		
MATH 1483	Mathematical Functions and Their Uses (A) (or higher, not MATH 1493) <sup>1</sup>	3
<i>Humanities (H)</i>		
Courses designated (H)		6
<i>Natural Sciences (N)</i>		
Must include one Laboratory Science (L) course		
Courses designated (N) with one (L)		6
<i>Social &amp; Behavioral Sciences (S)</i>		
Course designated (S)		3
<i>Additional General Education</i>		
Course(s) designated (A), (H), (N), or (S)		10
<b>Hours Subtotal</b>		<b>40</b>
<b>Diversity (D) &amp; International Dimension (I)</b>		
May be completed in any part of the degree plan		
At least one Diversity (D) course		
At least one International Dimension (I) course		
<b>College/Departmental Requirements</b>		
<i>First Year Seminar</i>		
(Transfer students with 15 hours exempt.)		1
<i>Arts &amp; Humanities</i>		
(See note 2.a.)		9
<i>Natural &amp; Mathematical Sciences</i>		
(See note 2.b.)		3
<i>Foreign Language</i>		
GRMN 1713	Elementary German I	3
GRMN 1813	Elementary German II	3
GRMN 2713	Reading and Conversation I (I)	3

#### Non-Western Studies

At least one course

(See note 2.d.)

#### Upper-Division General Education

6 hours outside major department

(See note 2.c.)

**Hours Subtotal** **22**

#### Major Requirements

Minimum GPA 2.50 in upper-division German courses with minimum grade of "C" in each course.

GRMN 2723	Intermediate Grammar and Composition I	3
GRMN 2813	Reading and Conversation II	3
GRMN 2823	Intermediate Grammar and Composition II (I)	3
GRMN 3343	German for Professional Purposes	3
GRMN 3803	Advanced Conversation	3
GRMN 3813	Advanced Grammar and Composition	3
GRMN 4333	Backgrounds of Modern German Civilization	3
or GRMN 4343	Modern Germany	

9 or more hours of German, of which at least 6 hours must be literature courses from: <sup>1</sup>

GRMN 3463	Advanced Diction and Phonetics	
GRMN 3501	Orientation to Internship Abroad	
GRMN 3502	Internship Abroad	
GRMN 4153	Survey of German Literature I <sup>2</sup>	
GRMN 4163	Survey of German Literature II <sup>2</sup>	
GRMN 4513	The Age of Goethe <sup>2</sup>	
GRMN 4523	19th Century German Literature <sup>2</sup>	
GRMN 4543	Contemporary German Literature <sup>2</sup>	
GRMN 4550	Studies in German ((1-9) hours)	
LL 3500	Specialized Study in a Modern Language (1-20 hours)	
LL 4000	Specialized Studies in Languages and Literatures (1-9 hours)	

#### Business Essentials

ACCT 2003	Survey of Accounting	3
MGMT 3013	Fundamentals of Management (S)	3
MKTG 3213	Marketing (S)	3

3 hours from:

BADM 3113	Practical Business and Interpersonal Skills	
ECON 2003	Microeconomic Principles for Business	
EEE 2023	Introduction to Entrepreneurship	
LSB 3213	Legal and Regulatory Environment of Business	
MSIS 2103	Business Data Science Technologies	

Additional hours to reach the required 42 hours may be taken from the following:

GEOG 3723	Europe (IS)	
POLS 3143	European Politics (I)	
HTM 3223	International Travel and Tourism (I)	
LSB 4633	Legal Aspects of International Business Transactions (I)	

MGMT 4613	International Management (I)	
MKTG 3993	International Business (I)	
MKTG 4553	International Marketing	
<b>Hours Subtotal</b>		<b>42</b>
<b>Electives</b>		
Select 16 hours.		16
May need to include 13 hours upper-division hours.		
<b>Hours Subtotal</b>		<b>16</b>
<b>Total Hours</b>		<b>120</b>

1

College and Departmental Requirements that may be used to meet General Education Requirements.

2

Literature course options include GRMN 4153, GRMN 4163, GRMN 4513, GRMN 4523, and GRMN 4543.

## Other Requirements

- See the College of Arts and Sciences Requirements.
- **Upper-Division Credit:** Total hours must include at least 40 hours in courses numbered 3000 or above.
- **Hours in One Department:** For B.A. and B.S. degrees, no more than 54 hours in one department may be applied to degree requirements.

## College of Arts and Sciences Requirements

### 1. General Education Requirements

No more than two courses (or eight hours) from the major department (<http://catalog.okstate.edu/college-arts-sciences-major-departments/>) may be used to meet General Education and College and Departmental Requirements. The General Education required English Composition, required U.S. History, required American Government, one required MATH or STAT course, and required foreign language for B.A. degrees do not count against the two-course maximum.

### 2. A&S College/Departmental Requirements

- Arts and Humanities are defined as any course carrying an (H) designation or courses from AMST, ART, DANC, ENGL (except ENGL 3323 Technical Writing) HIST, MUSI, PHIL (except PHIL 1313 Logic and Critical Thinking (A), PHIL 3003 Symbolic Logic (A) and PHIL 4003 Mathematical Logic and Computability), REL, TH, and foreign languages.
- Natural and Mathematical Sciences are defined as any course from the following prefixes: ASTR, BIOC, BIOL, CHEM, CS (except CS 4883 Social Issues in Computing), GEOL, MATH, MICR, P BIO, PHYS, and STAT; or courses from other departments that carry an (A) or (N) general education designation.
- The required six hours of upper-division General Education may not include courses from the student's major department. This requirement may be satisfied by courses also used to satisfy any part of a student's degree program (i.e., in General Education, College Departmental Requirements, Major Requirements or Electives).
- Non-Western Studies Requirement for B.A. and B.F.A.; One 3-hour course in Non-Western Studies (N.W.). This requirement may be satisfied by courses also used to satisfy any part of a student's

degree program (i.e., in General Education, College Departmental Requirements, Major Requirements or Electives).

- The College of Arts & Sciences requires a minimum 2.0 GPA in all major requirements and a minimum 2.0 GPA in all major-prefix courses applied to the degree.

### 3. Foreign Language Proficiency

- The foreign language requirement for the B.A. may be satisfied by 9 hours college credit in the same language, which must include 3 hours at the 2000-level, or equivalent proficiency (e.g., passing an advanced standing examination; TOEFL exam; presenting a high school transcript which demonstrates the high school was primarily conducted in a language other than English; etc.). Computer Science courses may not be used to satisfy this requirement. Currently Arabic and Mvskoke are not offered at the 2000-level at OSU.
- The foreign language requirement for the B.S., B.M. and B.F.A. may be satisfied by presenting a high school transcript which demonstrates two years of study of a single foreign language (passing grades at second-year level of study). It may also be satisfied by 6 hours college credit in the same language, which must include language courses 1713 and 1813, or equivalent proficiency (e.g., passing an advanced standing examination; TOEFL exam; presenting a high school transcript which demonstrates the high school was primarily conducted in a language other than English; etc.). Computer Science courses may not be used to satisfy this requirement.
- In addition to a. and b., students pursuing teacher certification must meet novice-high foreign language proficiency by presenting a high school transcript which demonstrates two years of study of a single foreign language with no grade below B. Or, students may complete 3 hours college credit in a single language with no grade below C (or pass an advanced standing examination, College Level Examination Program (CLEP) exam, or Oral Proficiency Interview developed by the American Council on the Teaching of Foreign Languages, equivalent to 3 hours of college credit.) Or, students may meet the requirement by transfer of documentation of meeting the foreign language competency from one of the teacher education programs in the State of Oklahoma approved by the Oklahoma State Regents for Higher Education.

### 4. Exclusions

- Courses used to satisfy the General Education English Composition, U.S. History, American Government, and Mathematics or Statistics requirements will not count toward the 54-hour maximum allowed from one department.
- Courses with ATHL or LEIS prefixes and leisure activity courses may not be used for degree credit.

## Additional State/OSU Requirements

- At least: 60 hours at a four-year institution; 30 hours completed at OSU; 15 of the final 30 or 50% of the upper-division hours in the major field completed at OSU.
- Limit of: one-half of major course requirements as transfer work; one-fourth of hours earned by correspondence; 8 transfer correspondence hours.
- Students will be held responsible for degree requirements in effect at the time of matriculation and any changes that are made, so long as these changes do not result in semester credit hours being added or do not delay graduation.

- Degrees that follow this plan must be completed by the end of Summer 2028.

## Example Plan of Study

### Finish in Four Plan of Study

The plan below is an **example** of how students can successfully complete degree requirements in four years. This suggested class schedule plan may be used as a guide and can be adjusted based on individual needs. Students are required to meet with an academic advisor prior to enrollment each semester to plan their class schedule, and students are ultimately responsible for completing all degree requirements.

Course	Title	Hours
<b>Freshman</b>		
<b>Fall</b>		
GRMN 1713	Elementary German I	3
General Education courses		13
<b>Hours</b>		<b>16</b>
<b>Spring</b>		
GRMN 1813	Elementary German II	3
General Education courses		11
<b>Hours</b>		<b>14</b>
<b>Sophomore</b>		
<b>Fall</b>		
GRMN 2713	Reading and Conversation I (I)	3
GRMN 2723	Intermediate Grammar and Composition I	3
General Education courses		9
<b>Hours</b>		<b>15</b>
<b>Spring</b>		
GRMN 2813	Reading and Conversation II	3
GRMN 2823	Intermediate Grammar and Composition II (I)	3
College and Elective courses		9
<b>Hours</b>		<b>15</b>
<b>Junior</b>		
<b>Fall</b>		
GRMN 3803	Advanced Conversation	3
GRMN 4333	Backgrounds of Modern German Civilization	3
Major, College, and Elective courses		9
<b>Hours</b>		<b>15</b>
<b>Spring</b>		
Major, College, and Elective courses		15
<b>Hours</b>		<b>15</b>
<b>Senior</b>		
<b>Fall</b>		
GRMN 3813	Advanced Grammar and Composition	3
Major, College, and Elective courses		12
<b>Hours</b>		<b>15</b>
<b>Spring</b>		
Major, College, and Elective courses		15
<b>Hours</b>		<b>15</b>
<b>Total Hours</b>		<b>120</b>

## German: Pre-Law, BA

### Degree Requirements

**Requirements for Students Matriculating in or before Academic Year 2022-2023.** Learn more about University Academic Regulation 3.1 (p. 943).

**Minimum Overall Grade Point Average:** 2.00

**Total Hours:** 120

Code	Title	Hours
<b>General Education Requirements</b>		
<i>English Composition</i>		
See Academic Regulation 3.5 (p. 944)		
ENGL 1113	Composition I	3
or ENGL 1313	Critical Analysis and Writing I	
Select one of the following:		3
ENGL 1213	Composition II	
ENGL 1413	Critical Analysis and Writing II	
ENGL 3323	Technical Writing	
<i>American History &amp; Government</i>		
HIST 1103	Survey of American History	3
or HIST 1483	American History to 1865 (H)	
or HIST 1493	American History Since 1865 (DH)	
POLS 1113	American Government	3
<i>Analytical &amp; Quantitative Thought (A)</i>		
MATH or STAT course designated (A)		3
PHIL 1313	Logic and Critical Thinking (A)	3
<i>Humanities (H)</i>		
Courses designated (H)		6
<i>Natural Sciences (N)</i>		
Must include one Laboratory Science (L) course		
Course designated (N)		6
<i>Social &amp; Behavioral Sciences (S)</i>		
Course designated (S)		3
<i>Additional General Education</i>		
Courses designated (A), (H), (N), or (S)		7
<b>Hours Subtotal</b>		<b>40</b>
<b>Diversity (D) &amp; International Dimension (I)</b>		
May be completed in any part of the degree plan		
Select at least one Diversity (D) course		
Select at least one International Dimension (I) course		
<b>College/Departmental Requirements</b>		
<i>First Year Seminar</i>		
(Transfer students with 15 hours exempt)		1
<i>Arts &amp; Humanities</i>		
See note 2.a.		9
<i>Natural &amp; Mathematical Sciences</i>		
See note 2.b.		3
<i>Foreign Language</i>		
GRMN 1713	Elementary German I	3
GRMN 1813	Elementary German II	3
GRMN 2713	Reading and Conversation I (I)	3

#### *Non-Western Studies*

Select at least one course

See note 2.d.

#### *Upper-Division General Education*

Select 6 hours outside major department

See note 2.c.

**Hours Subtotal** **22**

#### **Major Requirements**

Minimum GPA 2.50 in upper-division German courses with minimum grade of "C" in each course

GRMN 2723	Intermediate Grammar and Composition I	3
GRMN 2813	Reading and Conversation II	3
GRMN 2823	Intermediate Grammar and Composition II (I)	3
GRMN 3803	Advanced Conversation	3
GRMN 3813	Advanced Grammar and Composition	3
GRMN 4333	Backgrounds of Modern German Civilization	3
or GRMN 4343	Modern Germany	

Select 12 or more hours of German of the following. At least six hours must be literature courses: <sup>1</sup> **12**

GRMN 3343	German for Professional Purposes	
GRMN 3463	Advanced Diction and Phonetics	
GRMN 3501	Orientation to Internship Abroad	
GRMN 3502	Internship Abroad	
GRMN 4153	Survey of German Literature I <sup>1</sup>	
GRMN 4163	Survey of German Literature II <sup>1</sup>	
GRMN 4513	The Age of Goethe <sup>1</sup>	
GRMN 4523	19th Century German Literature <sup>1</sup>	
GRMN 4543	Contemporary German Literature <sup>1</sup>	
GRMN 4550	Studies in German (1-9 hours)	
LL 3500	Specialized Study in a Modern Language (1-20 hours)	
LL 4000	Specialized Studies in Languages and Literatures (1-9 hours)	

Select 9 hours from the following or accredited doctoral law courses. **9**

AMIS 4013	American Indian Sovereignty (D)	
ECON 3313	Money and Banking	
ECON 3423	Public Finance	
ENGL 3223	Professional Writing Theory	
ENGL 3323	Technical Writing	
PHIL 3003	Symbolic Logic (A)	
PHIL 3413	Ethical Theory (H)	
PHIL 3843	Philosophy of Law (H)	
POLS 3033	International Law	
POLS 3453	U.S. Congress	
POLS 3493	Public Policy	
POLS 3613	State and Local Government	
POLS 4353	Administrative Law	
POLS 4363	Environmental Law And Policy	
POLS 4963	U.S. Constitution: Civil Rights and Civil Liberties	

POLS 4973	U.S. Constitution: Separation of Powers	
SOC 4313	Sociology of Law	
SPCH 3733	Elements of Persuasion (S)	
<b>Hours Subtotal</b>		<b>39</b>
<b>Electives</b>		
Select 19 hours		19
May need to include 6 hours upper-division general education outside major department (see note 2.c.) and 12 additional upper-division hours		
<b>Hours Subtotal</b>		<b>19</b>
<b>Total Hours</b>		<b>120</b>

1

At least 6 hours must be from literature courses marked with a <sup>1</sup>.

## Other Requirements

- See the College of Arts and Sciences Requirements.
- **Upper-Division Credit:** Total hours must include at least 40 hours in courses numbered 3000 or above.
- **Hours in One Department:** For B.A. and B.S. degrees, no more than 54 hours in one department may be applied to degree requirements.

## College of Arts and Sciences Requirements

### 1. General Education Requirements

No more than two courses (or eight hours) from the major department (<http://catalog.okstate.edu/college-arts-sciences-major-departments/>) may be used to meet General Education and College and Departmental Requirements. The General Education required English Composition, required U.S. History, required American Government, one required MATH or STAT course, and required foreign language for B.A. degrees do not count against the two-course maximum.

### 2. A&S College/Departmental Requirements

- Arts and Humanities are defined as any course carrying an (H) designation or courses from AMST, ART, DANC, ENGL (except ENGL 3323 Technical Writing) HIST, MUSI, PHIL (except PHIL 1313 Logic and Critical Thinking (A), PHIL 3003 Symbolic Logic (A) and PHIL 4003 Mathematical Logic and Computability), REL, TH, and foreign languages.
- Natural and Mathematical Sciences are defined as any course from the following prefixes: ASTR, BIOC, BIOL, CHEM, CS (except CS 4883 Social Issues in Computing), GEOL, MATH, MICR, PBIO, PHYS, and STAT; or courses from other departments that carry an (A) or (N) general education designation.
- The required six hours of upper-division General Education may not include courses from the student's major department. This requirement may be satisfied by courses also used to satisfy any part of a student's degree program (i.e., in General Education, College Departmental Requirements, Major Requirements or Electives).
- Non-Western Studies Requirement for B.A. and B.F.A.; One 3-hour course in Non-Western Studies (N.W.). This requirement may be satisfied by courses also used to satisfy any part of a student's degree program (i.e., in General Education, College Departmental Requirements, Major Requirements or Electives).

- The College of Arts & Sciences requires a minimum 2.0 GPA in all major requirements and a minimum 2.0 GPA in all major-prefix courses applied to the degree.

### 3. Foreign Language Proficiency

- The foreign language requirement for the B.A. may be satisfied by 9 hours college credit in the same language, which must include 3 hours at the 2000-level, or equivalent proficiency (e.g., passing an advanced standing examination; TOEFL exam; presenting a high school transcript which demonstrates the high school was primarily conducted in a language other than English; etc.). Computer Science courses may not be used to satisfy this requirement. Currently Arabic and Mvskoke are not offered at the 2000-level at OSU.
- The foreign language requirement for the B.S., B.M. and B.F.A. may be satisfied by presenting a high school transcript which demonstrates two years of study of a single foreign language (passing grades at second-year level of study). It may also be satisfied by 6 hours college credit in the same language, which must include language courses 1713 and 1813, or equivalent proficiency (e.g., passing an advanced standing examination; TOEFL exam; presenting a high school transcript which demonstrates the high school was primarily conducted in a language other than English; etc.). Computer Science courses may not be used to satisfy this requirement.
- In addition to a. and b., students pursuing teacher certification must meet novice-high foreign language proficiency by presenting a high school transcript which demonstrates two years of study of a single foreign language with no grade below B. Or, students may complete 3 hours college credit in a single language with no grade below C (or pass an advanced standing examination, College Level Examination Program (CLEP) exam, or Oral Proficiency Interview developed by the American Council on the Teaching of Foreign Languages, equivalent to 3 hours of college credit.) Or, students may meet the requirement by transfer of documentation of meeting the foreign language competency from one of the teacher education programs in the State of Oklahoma approved by the Oklahoma State Regents for Higher Education.

### 4. Exclusions

- Courses used to satisfy the General Education English Composition, U.S. History, American Government, and Mathematics or Statistics requirements will not count toward the 54-hour maximum allowed from one department.
- Courses with ATHL or LEIS prefixes and leisure activity courses may not be used for degree credit.

## Additional State/OSU Requirements

- At least: 60 hours at a four-year institution; 30 hours completed at OSU; 15 of the final 30 or 50% of the upper-division hours in the major field completed at OSU.
- Limit of: one-half of major course requirements as transfer work; one-fourth of hours earned by correspondence; 8 transfer correspondence hours.
- Students will be held responsible for degree requirements in effect at the time of matriculation and any changes that are made, so long as these changes do not result in semester credit hours being added or do not delay graduation.
- Degrees that follow this plan must be completed by the end of Summer 2028.

# Example Plan of Study

## Finish in Four Plan of Study

The plan below is an **example** of how students can successfully complete degree requirements in four years. This suggested class schedule plan may be used as a guide and can be adjusted based on individual needs. Students are required to meet with an academic advisor prior to enrollment each semester to plan their class schedule, and students are ultimately responsible for completing all degree requirements.

Course	Title	Hours
<b>Freshman</b>		
<b>Fall</b>		
GRMN 1713	Elementary German I	3
General Education courses		13
<b>Hours</b>		<b>16</b>
<b>Spring</b>		
GRMN 1813	Elementary German II	3
General Education courses		11
<b>Hours</b>		<b>14</b>
<b>Sophomore</b>		
<b>Fall</b>		
GRMN 2713	Reading and Conversation I (I)	3
GRMN 2723	Intermediate Grammar and Composition I	3
PHIL 1313	Logic and Critical Thinking (A)	3
General Education courses		6
<b>Hours</b>		<b>15</b>
<b>Spring</b>		
GRMN 2813	Reading and Conversation II	3
GRMN 2823	Intermediate Grammar and Composition II (I)	3
College and Elective courses		9
<b>Hours</b>		<b>15</b>
<b>Junior</b>		
<b>Fall</b>		
GRMN 3803	Advanced Conversation	3
GRMN 4333	Backgrounds of Modern German Civilization	3
Major, College, and Elective courses		9
<b>Hours</b>		<b>15</b>
<b>Spring</b>		
Major, College, and Elective courses		15
<b>Hours</b>		<b>15</b>
<b>Senior</b>		
<b>Fall</b>		
GRMN 3813	Advanced Grammar and Composition	3
Major, College, and Elective courses		12
<b>Hours</b>		<b>15</b>
<b>Spring</b>		
Major, College, and Elective courses		15
<b>Hours</b>		<b>15</b>
<b>Total Hours</b>		<b>120</b>



## Greek (GREK), Minor

**Requirements for Students Matriculating in or before Academic Year 2022-2023.** Learn more about University Academic Regulation 3.1 (p. 943).

Anthony Valentine, 213 LSE, 405-744-5658

**Minimum Overall Grade Point Average:** 2.50

**Total Hours:** 21

The completion of all lower-division coursework or equivalent proficiency in same language to be followed by:

Code	Title	Hours
<b>Language Sequence Requirements</b>		
GREK 1713	Elementary Classical Greek I	3
GREK 1813	Elementary Classical Greek II	3
GREK 2713	Elementary Classical Greek III	3
GREK 2813	Intermediate Readings	3
<b>Upper-Level Requirements</b>		
Nine hours from:		9
GREK 3330	Advanced Readings	
<b>Total Hours</b>		<b>21</b>

## Other Requirements

- No grade below "C" in all upper-division courses

## Additional OSU Requirements

### Undergraduate Minors

- An undergraduate minor must include between fifteen and thirty hours, inclusive of undergraduate coursework.
- A minimum of six credit hours for the minor must be earned in residence at OSU.
- The courses required for a minor may be included in the course requirements for any undergraduate degree or they may be in addition to degree requirements, depending on the overlap between the minor and degree requirements. However, an undergraduate minor must be earned in an academic field other than the student's declared degree option. The minor may not duplicate the degree major or option (for example, a student who earns a BA in Art with an Art History option may earn a minor in Studio Art but not Art History).
- A student generally follows the minor requirements associated with his or her matriculation year or newer requirements that have been established since matriculation. The time limit for following requirements from a given academic year is six years.

For additional information on requirements on minors, click here (<https://adminfinance.okstate.edu/site-files/documents/policies/requirements-for-undergraduate-and-graduate-minors.pdf>).

## Japanese (JPN), Minor

**Requirements for Students Matriculating in or before Academic Year 2022-2023.** Learn more about University Academic Regulation 3.1 (p. 943).

Anthony Valentine, 213 LSE, 405-744-5658

**Minimum Overall Grade Point Average:** 2.50

**Total Hours:** 18

The completion of all lower-division coursework or equivalent proficiency in same language to be followed by:

Code	Title	Hours
<b>Language Sequence Requirements</b>		
JAPN 1713	Elementary Japanese I	3
JAPN 1813	Elementary Japanese II	3
JAPN 2713	Intermediate Japanese I	3
JAPN 2813	Intermediate Japanese II	3
<b>Upper-Level Requirements</b>		
JAPN 3723	Advanced Readings in Japanese	3
JAPN 3823	Advanced Japanese II	3
<b>Total Hours</b>		<b>18</b>

## Other Requirements

- No grade below "C" in all upper-division courses

## Additional OSU Requirements

### Undergraduate Minors

- An undergraduate minor must include between fifteen and thirty hours, inclusive of undergraduate coursework.
- A minimum of six credit hours for the minor must be earned in residence at OSU.
- The courses required for a minor may be included in the course requirements for any undergraduate degree or they may be in addition to degree requirements, depending on the overlap between the minor and degree requirements. However, an undergraduate minor must be earned in an academic field other than the student's declared degree option. The minor may not duplicate the degree major or option (for example, a student who earns a BA in Art with an Art History option may earn a minor in Studio Art but not Art History).
- A student generally follows the minor requirements associated with his or her matriculation year or newer requirements that have been established since matriculation. The time limit for following requirements from a given academic year is six years.

For additional information on requirements on minors, click here (<https://adminfinance.okstate.edu/site-files/documents/policies/requirements-for-undergraduate-and-graduate-minors.pdf>).

## Latin (LATN), Minor

**Requirements for Students Matriculating in or before Academic Year 2022-2023.** Learn more about University Academic Regulation 3.1 (p. 943).

Anthony Valentine, 213 LSE, 405-744-5658

**Minimum Overall Grade Point Average:** 2.50

**Total Hours:** 21

The completion of all lower-division coursework or equivalent proficiency in same language to be followed by:

Code	Title	Hours
<b>Language Sequence Requirements</b>		
LATN 1713	Elementary Latin I	3
LATN 1813	Elementary Latin II	3
LATN 2713	Elementary Latin III	3
LATN 2813	Intermediate Readings	3
<b>Upper-Level Requirements</b>		
Select nine hours from the following:		9
LATN 3123	Classical Mythology (H)	
LATN 3223	Love and Hate in Greece and Rome (H)	
LATN 3330	Advanced Readings in Latin	
LATN 4113	Latin Literature in Translation (H)	
<b>Total Hours</b>		<b>21</b>

## Other Requirements

- No grade below "C" in all upper-division courses

## Additional OSU Requirements

### Undergraduate Minors

- An undergraduate minor must include between fifteen and thirty hours, inclusive of undergraduate coursework.
- A minimum of six credit hours for the minor must be earned in residence at OSU.
- The courses required for a minor may be included in the course requirements for any undergraduate degree or they may be in addition to degree requirements, depending on the overlap between the minor and degree requirements. However, an undergraduate minor must be earned in an academic field other than the student's declared degree option. The minor may not duplicate the degree major or option (for example, a student who earns a BA in Art with an Art History option may earn a minor in Studio Art but not Art History).
- A student generally follows the minor requirements associated with his or her matriculation year or newer requirements that have been established since matriculation. The time limit for following requirements from a given academic year is six years.

For additional information on requirements on minors, click here (<https://adminfinance.okstate.edu/site-files/documents/policies/requirements-for-undergraduate-and-graduate-minors.pdf>).

## Professional Chinese (PRCH), Minor

**Requirements for Students Matriculating in or before Academic Year 2022-2023.** Learn more about University Academic Regulation 3.1 (p. 943).

Anthony Valentine, 213 LSE, 405-744-5658

**Minimum Grade Point Average in Minor Coursework:** 2.50 with no grade below "C" in all upper-division courses

Code	Title	Hours
<b>Minor Requirements</b>		
A minimum number of credit hours of lower-division language coursework is required to prepare for advanced language. Please see advisor for details.		6-9
CHIN 3343		3
Select two additional courses from upper-division CHIN		6
CHIN 3713	Chinese Culture (I)	
CHIN 3813	Chinese Literature in Translation	
CHIN 4713	Advanced Readings in Chinese	
or CHIN 4813	Advanced Chinese Conversation	
<b>Total Hours</b>		<b>15</b>

## Additional OSU Requirements

### Undergraduate Minors

- An undergraduate minor must include between fifteen and thirty hours, inclusive of undergraduate coursework.
- A minimum of six credit hours for the minor must be earned in residence at OSU.
- The courses required for a minor may be included in the course requirements for any undergraduate degree or they may be in addition to degree requirements, depending on the overlap between the minor and degree requirements. However, an undergraduate minor must be earned in an academic field other than the student's declared degree option. The minor may not duplicate the degree major or option (for example, a student who earns a BA in Art with an Art History option may earn a minor in Studio Art but not Art History).
- A student generally follows the minor requirements associated with his or her matriculation year or newer requirements that have been established since matriculation. The time limit for following requirements from a given academic year is six years.

For additional information on requirements on minors, click here (<https://adminfinance.okstate.edu/site-files/documents/policies/requirements-for-undergraduate-and-graduate-minors.pdf>).

## Professional Spanish, Undergraduate Certificate

### Requirements for Students Matriculating in or before Academic Year

2022-2023. Learn more about University Academic Regulation 3.1 (p. 943).

**Total Hours:** 24

Code	Title	Hours
<b>Lower-Division Requirements</b>		
Select 12 hours from the following (may be satisfied through placement):		12
SPAN 1713	Elementary Spanish I	
SPAN 1813	Elementary Spanish II	
SPAN 2713	Intermediate Spanish	
SPAN 2723	Intermediate Hispanic Culture and Media	
SPAN 2813	Intermediate Reading and Conversation	
SPAN 2823	Intermediate Composition and Grammar	
<b>Upper-Division Courses</b>		
<i>Required Courses:</i>		
SPAN 3343	Business Spanish	3
SPAN 4323	Spanish Peninsular Civilization	3
or SPAN 4333	Latin American Civilization	
<i>Electives</i>		
Select 6 hours from the following:		6
SPAN 3053	Introduction to Hispanic Literary Studies	
SPAN 3163	Survey of Peninsular Literature I	
SPAN 3173	Survey of Peninsular Literature II	
SPAN 3183	Latin American Survey I	
SPAN 3193	Latin American Survey II	
SPAN 3203	Advanced Conversation	
SPAN 3213	Advanced Grammar and Composition	
SPAN 3403	Introduction to Hispanic Linguistics	
SPAN 3463	Spanish Phonetics and Phonology	
SPAN 4123	Hispanic Poetry	
SPAN 4133	Hispanic Prose	
SPAN 4163	Don Quijote	
SPAN 4173	Hispanic Drama	
SPAN 4183	Spain and Islam	
SPAN 4193	Hispanic Film	
SPAN 4223	Contemporary Hispanic Literature	
SPAN 4253	Masterpieces of Hispanic Literature I	
SPAN 4263	Masterpieces of Hispanic Literature II	
SPAN 4413	Advanced Stylistics	
SPAN 4443	History of the Spanish Language	
SPAN 4463	Sociolinguistics of the Spanish-Speaking World	
SPAN 4550	Seminar in Spanish	
<b>Total Hours</b>		<b>24</b>

## Russian (RUSS), Minor

**Requirements for Students Matriculating in or before Academic Year 2022-2023.** Learn more about University Academic Regulation 3.1 (p. 943).

Anthony Valentine, 213 LSE, 405-744-5658

**Minimum Overall Grade Point Average:** 2.50

**Total Hours:** 18

The completion of all lower-division coursework or equivalent proficiency in same language to be followed by:

Code	Title	Hours
<b>Language Sequence Requirements</b>		
RUSS 1713	Elementary Russian I	3
RUSS 1813	Elementary Russian II	3
RUSS 2713	Intermediate Russian I	3
RUSS 2813	Intermediate Russian II	3
<i>Upper-Level Requirements</i>		
Select two courses from the following:		6
RUSS 3003	The Soviet Union: History, Society and Culture (IS)	
RUSS 3053	Introduction to Central Asian Studies (IS)	
RUSS 3113	Russian Conversation	
RUSS 3123	Understanding Russia (H)	
RUSS 3223	Russian Composition	
RUSS 4013	Survey of Russian Literature I	
RUSS 4023	Survey of Russian Literature II	
RUSS 4113	Russian Literature in Translation I (H)	
RUSS 4123	Russian Literature in Translation II	
RUSS 4223	Russian Reading Skills	
<b>Total Hours</b>		<b>18</b>

## Other Requirements

- No grade below "C" in all upper-division courses

## Additional OSU Requirements

### Undergraduate Minors

- An undergraduate minor must include between fifteen and thirty hours, inclusive of undergraduate coursework.
- A minimum of six credit hours for the minor must be earned in residence at OSU.
- The courses required for a minor may be included in the course requirements for any undergraduate degree or they may be in addition to degree requirements, depending on the overlap between the minor and degree requirements. However, an undergraduate minor must be earned in an academic field other than the student's declared degree option. The minor may not duplicate the degree major or option (for example, a student who earns a BA in Art with an Art History option may earn a minor in Studio Art but not Art History).
- A student generally follows the minor requirements associated with his or her matriculation year or newer requirements that have been established since matriculation. The time limit for following requirements from a given academic year is six years.

For additional information on requirements on minors, click here (<https://adminfinance.okstate.edu/site-files/documents/policies/requirements-for-undergraduate-and-graduate-minors.pdf>).



## Spanish (SPAN), Minor

**Requirements for Students Matriculating in or before Academic Year 2022-2023.** Learn more about University Academic Regulation 3.1 (p. 943).

Anthony Valentine, 213 LSE, 405-744-5658

**Minimum Overall Grade Point Average:** 2.50

**Total Hours:** 24

The completion of all lower-division coursework or its equivalent in same language to be followed by:

Code	Title	Hours
<b>Language Sequence Requirements</b>		
SPAN 1713	Elementary Spanish I	3
SPAN 1813	Elementary Spanish II	3
SPAN 2713	Intermediate Spanish	3
SPAN 2723	Intermediate Hispanic Culture and Media	3
SPAN 2813	Intermediate Reading and Conversation	3
SPAN 2823	Intermediate Composition and Grammar	3
<b>Upper-Level Requirements</b>		
Selet six hours from the following:		6
SPAN 3053	Introduction to Hispanic Literary Studies	
SPAN 3163	Survey of Peninsular Literature I	
SPAN 3173	Survey of Peninsular Literature II	
SPAN 3183	Latin American Survey I	
SPAN 3193	Latin American Survey II	
SPAN 3203	Advanced Conversation	
SPAN 3213	Advanced Grammar and Composition	
SPAN 3343	Business Spanish	
SPAN 3363	Spanish for Healthcare Professionals	
SPAN 3403	Introduction to Hispanic Linguistics	
SPAN 3463	Spanish Phonetics and Phonology	
SPAN 4123	Hispanic Poetry	
SPAN 4133	Hispanic Prose	
SPAN 4143	Short Novels in Hispanic Literature	
SPAN 4163	Don Quijote	
SPAN 4173	Hispanic Drama	
SPAN 4183	Spain and Islam	
SPAN 4193	Hispanic Film	
SPAN 4203	Hispanic Music	
SPAN 4213	Short Stories in Hispanic Literature	
SPAN 4223	Contemporary Hispanic Literature	
SPAN 4253	Masterpieces of Hispanic Literature I	
SPAN 4263	Masterpieces of Hispanic Literature II	
SPAN 4323	Spanish Peninsular Civilization	
SPAN 4333	Latin American Civilization	
SPAN 4413	Advanced Stylistics	
SPAN 4443	History of the Spanish Language	
SPAN 4463	Sociolinguistics of the Spanish-Speaking World	
SPAN 4550	Seminar in Spanish	

## Other Requirements

- No grade below "C" in all upper-division courses

## Additional OSU Requirements Undergraduate Minors

- An undergraduate minor must include between fifteen and thirty hours, inclusive of undergraduate coursework.
- A minimum of six credit hours for the minor must be earned in residence at OSU.
- The courses required for a minor may be included in the course requirements for any undergraduate degree or they may be in addition to degree requirements, depending on the overlap between the minor and degree requirements. However, an undergraduate minor must be earned in an academic field other than the student's declared degree option. The minor may not duplicate the degree major or option (for example, a student who earns a BA in Art with an Art History option may earn a minor in Studio Art but not Art History).
- A student generally follows the minor requirements associated with his or her matriculation year or newer requirements that have been established since matriculation. The time limit for following requirements from a given academic year is six years.

For additional information on requirements on minors, click here (<https://adminfinance.okstate.edu/site-files/documents/policies/requirements-for-undergraduate-and-graduate-minors.pdf>).

# Spanish, BA

## Degree Requirements

**Requirements for Students Matriculating in or before Academic Year 2022-2023.** Learn more about University Academic Regulation 3.1 (p. 943).

**Minimum Overall Grade Point Average: 2.00**

**Total Hours: 120**

Code	Title	Hours
<b>General Education Requirements</b>		
<i>English Composition</i>		
See Academic Regulation 3.5 (p. 944)		
ENGL 1113	Composition I	3
or ENGL 1313	Critical Analysis and Writing I	
Select one of the following:		3
ENGL 1213	Composition II	
ENGL 1413	Critical Analysis and Writing II	
ENGL 3323	Technical Writing	
<i>American History &amp; Government</i>		
HIST 1103	Survey of American History	3
or HIST 1483	American History to 1865 (H)	
or HIST 1493	American History Since 1865 (DH)	
POLS 1113	American Government	3
<i>Analytical &amp; Quantitative Thought (A)</i>		
MATH or STAT course designated (A)		3
<i>Humanities (H)</i>		
Courses designated (H)		6
<i>Natural Sciences (N)</i>		
Must include one Laboratory Science (L) course		
Course designated (N)		6
<i>Social &amp; Behavioral Sciences (S)</i>		
Course designated (S)		3
<i>Additional General Education</i>		
Courses designated (A), (H), (N), or (S)		10
<b>Hours Subtotal</b>		<b>40</b>
<b>Diversity (D) &amp; International Dimension (I)</b>		
May be completed in any part of the degree plan		
Select at least one Diversity (D) course		
Select at least one International Dimension (I) course		
<b>College/Departmental Requirements</b>		
<i>First Year Seminar</i>		
(Transfer students with 15 hours exempt)		1
<i>Arts &amp; Humanities</i>		
See note 2.a.		9
<i>Natural &amp; Mathematical Sciences</i>		
See note 2.b.		3
<i>Foreign Language</i>		
SPAN 1713	Elementary Spanish I	3
SPAN 1813	Elementary Spanish II	3
SPAN 2713	Intermediate Spanish	3
<i>Non-Western Studies</i>		

Select at least one course

See note 2.d.

*Upper-Division General Education*

Select 6 hours outside major department

See note 2.c.

**Hours Subtotal** **22**

**Major Requirements**

Minimum GPA 2.50 in upper-division Spanish courses with a minimum grade of "C" in each course

SPAN 2723	Intermediate Hispanic Culture and Media	3
SPAN 2813	Intermediate Reading and Conversation	3
SPAN 2823	Intermediate Composition and Grammar	3
SPAN 3213	Advanced Grammar and Composition	3
SPAN 4323	Spanish Peninsular Civilization	3
or SPAN 4333	Latin American Civilization	
Select 3 hours of the following:		3
SPAN 3163	Survey of Peninsular Literature I	
SPAN 3173	Survey of Peninsular Literature II	
SPAN 3183	Latin American Survey I	
SPAN 3193	Latin American Survey II	
Select 12 or more hours of Spanish of the following. At least six hours must be literature courses: <sup>1</sup>		12
SPAN 3053	Introduction to Hispanic Literary Studies <sup>1</sup>	
SPAN 3203	Advanced Conversation	
SPAN 3343	Business Spanish	
SPAN 3403	Introduction to Hispanic Linguistics	
SPAN 3463	Spanish Phonetics and Phonology	
SPAN 4123	Hispanic Poetry <sup>1</sup>	
SPAN 4133	Hispanic Prose <sup>1</sup>	
SPAN 4143	Short Novels in Hispanic Literature <sup>1</sup>	
SPAN 4163	Don Quijote <sup>1</sup>	
SPAN 4173	Hispanic Drama <sup>1</sup>	
SPAN 4183	Spain and Islam <sup>1</sup>	
SPAN 4193	Hispanic Film <sup>1</sup>	
SPAN 4203	Hispanic Music <sup>1</sup>	
SPAN 4213	Short Stories in Hispanic Literature <sup>1</sup>	
SPAN 4223	Contemporary Hispanic Literature <sup>1</sup>	
SPAN 4253	Masterpieces of Hispanic Literature I <sup>1</sup>	
SPAN 4263	Masterpieces of Hispanic Literature II <sup>1</sup>	
SPAN 4413	Advanced Stylistics	
SPAN 4443	History of the Spanish Language	
SPAN 4463	Sociolinguistics of the Spanish-Speaking World	
SPAN 4550	Seminar in Spanish (1-9 hours)	
SPAN 5110	Advanced Hispanic Studies (1-9 hours)	
LL 3500	Specialized Study in a Modern Language	
LL 4000	Specialized Studies in Languages and Literatures	
LL 5210	Graduate Studies in Languages	
May include up to 3 hours from Courses in Translation		
SPAN 3613 - Race and Culture in Latin America		
SPAN 3623 - Don Quixote in English		
Select 10 upper-division hours to reach 40 hours.		10

<b>Hours Subtotal</b>	<b>40</b>
<b>Electives</b>	
Select 18 hours	18
May need to include 6 hours upper-division general education outside major department (see note 2.c.) and 12 additional upper-division hours	
<b>Hours Subtotal</b>	<b>18</b>
<b>Total Hours</b>	<b>120</b>

1

At least 6 hours must be from literature courses marked with a <sup>1</sup>.

## Other Requirements

- See the College of Arts and Sciences Requirements.
- **Upper-Division Credit:** Total hours must include at least 40 hours in courses numbered 3000 or above.
- **Hours in One Department:** For B.A. and B.S. degrees, no more than 54 hours in one department may be applied to degree requirements.

## College of Arts and Sciences Requirements

### 1. General Education Requirements

No more than two courses (or eight hours) from the major department (<http://catalog.okstate.edu/college-arts-sciences-major-departments/>) may be used to meet General Education and College and Departmental Requirements. The General Education required English Composition, required U.S. History, required American Government, one required MATH or STAT course, and required foreign language for B.A. degrees do not count against the two-course maximum.

### 2. A&S College/Departmental Requirements

- Arts and Humanities are defined as any course carrying an (H) designation or courses from AMST, ART, DANC, ENGL (except ENGL 3323 Technical Writing) HIST, MUSI, PHIL (except PHIL 1313 Logic and Critical Thinking (A), PHIL 3003 Symbolic Logic (A) and PHIL 4003 Mathematical Logic and Computability), REL, TH, and foreign languages.
- Natural and Mathematical Sciences are defined as any course from the following prefixes: ASTR, BIOC, BIOL, CHEM, CS (except CS 4883 Social Issues in Computing), GEOL, MATH, MICR, PBIO, PHYS, and STAT; or courses from other departments that carry an (A) or (N) general education designation.
- The required six hours of upper-division General Education may not include courses from the student's major department. This requirement may be satisfied by courses also used to satisfy any part of a student's degree program (i.e., in General Education, College Departmental Requirements, Major Requirements or Electives).
- Non-Western Studies Requirement for B.A. and B.F.A.; One 3-hour course in Non-Western Studies (N.W.). This requirement may be satisfied by courses also used to satisfy any part of a student's degree program (i.e., in General Education, College Departmental Requirements, Major Requirements or Electives).
- The College of Arts & Sciences requires a minimum 2.0 GPA in all major requirements and a minimum 2.0 GPA in all major-prefix courses applied to the degree.

### 3. Foreign Language Proficiency

- The foreign language requirement for the B.A. may be satisfied by 9 hours college credit in the same language, which must include 3 hours at the 2000-level, or equivalent proficiency (e.g., passing an advanced standing examination; TOEFL exam; presenting a high school transcript which demonstrates the high school was primarily conducted in a language other than English; etc.). Computer Science courses may not be used to satisfy this requirement. Currently Arabic and Mvskoke are not offered at the 2000-level at OSU.
  - The foreign language requirement for the B.S., B.M. and B.F.A. may be satisfied by presenting a high school transcript which demonstrates two years of study of a single foreign language (passing grades at second-year level of study). It may also be satisfied by 6 hours college credit in the same language, which must include language courses 1713 and 1813, or equivalent proficiency (e.g., passing an advanced standing examination; TOEFL exam; presenting a high school transcript which demonstrates the high school was primarily conducted in a language other than English; etc.). Computer Science courses may not be used to satisfy this requirement.
  - In addition to a. and b., students pursuing teacher certification must meet novice-high foreign language proficiency by presenting a high school transcript which demonstrates two years of study of a single foreign language with no grade below B. Or, students may complete 3 hours college credit in a single language with no grade below C (or pass an advanced standing examination, College Level Examination Program (CLEP) exam, or Oral Proficiency Interview developed by the American Council on the Teaching of Foreign Languages, equivalent to 3 hours of college credit.) Or, students may meet the requirement by transfer of documentation of meeting the foreign language competency from one of the teacher education programs in the State of Oklahoma approved by the Oklahoma State Regents for Higher Education.
- ### 4. Exclusions
- Courses used to satisfy the General Education English Composition, U.S. History, American Government, and Mathematics or Statistics requirements will not count toward the 54-hour maximum allowed from one department.
  - Courses with ATHL or LEIS prefixes and leisure activity courses may not be used for degree credit.

## Additional State/OSU Requirements

- At least: 60 hours at a four-year institution; 30 hours completed at OSU; 15 of the final 30 or 50% of the upper-division hours in the major field completed at OSU.
- Limit of: one-half of major course requirements as transfer work; one-fourth of hours earned by correspondence; 8 transfer correspondence hours.
- Students will be held responsible for degree requirements in effect at the time of matriculation and any changes that are made, so long as these changes do not result in semester credit hours being added or do not delay graduation.
- Degrees that follow this plan must be completed by the end of Summer 2028.

## Example Plan of Study

### Finish in Four Plan of Study

The plan below is an **example** of how students can successfully complete degree requirements in four years. This suggested class schedule plan may be used as a guide and can be adjusted based on individual needs. Students are required to meet with an academic advisor prior to enrollment each semester to plan their class schedule, and students are ultimately responsible for completing all degree requirements.

Course	Title	Hours
<b>Freshman</b>		
<b>Fall</b>		
SPAN 1713	Elementary Spanish I	3
General Education courses		11
<b>Hours</b>		<b>14</b>
<b>Spring</b>		
SPAN 1813	Elementary Spanish II	3
General Education courses		13
<b>Hours</b>		<b>16</b>
<b>Sophomore</b>		
<b>Fall</b>		
SPAN 2713	Intermediate Spanish	3
SPAN 2723	Intermediate Hispanic Culture and Media	3
General Education courses		9
<b>Hours</b>		<b>15</b>
<b>Spring</b>		
SPAN 2813	Intermediate Reading and Conversation	3
SPAN 2823	Intermediate Composition and Grammar	3
College and Elective courses		9
<b>Hours</b>		<b>15</b>
<b>Junior</b>		
<b>Fall</b>		
SPAN 3053	Introduction to Hispanic Literary Studies	3
SPAN 3213	Advanced Grammar and Composition	3
Major, College, and Elective courses		9
<b>Hours</b>		<b>15</b>
<b>Spring</b>		
SPAN 3163 or SPAN 3173 or SPAN 3183 or SPAN 3193	Survey of Peninsular Literature I or Survey of Peninsular Literature II or Latin American Survey I or Latin American Survey II	3
Major, College, and Elective courses		12
<b>Hours</b>		<b>15</b>
<b>Senior</b>		
<b>Fall</b>		
Major, College, and Elective courses		15
<b>Hours</b>		<b>15</b>
<b>Spring</b>		
SPAN 4323 or SPAN 4333	Spanish Peninsular Civilization or Latin American Civilization	3
Major, College, and Elective courses		12
<b>Hours</b>		<b>15</b>
<b>Total Hours</b>		<b>120</b>

## Spanish: Business Essentials, BA

### Degree Requirements

**Requirements for Students Matriculating in or before Academic Year 2022-2023.** Learn more about University Academic Regulation 3.1 (p. 943).

**Minimum Overall Grade Point Average:** 2.00

**Total Hours:** 120

Code	Title	Hours
<b>General Education Requirements</b>		
<i>English Composition</i>		
See Academic Regulation 3.5 (p. 944)		
ENGL 1113	Composition I	3
or ENGL 1313	Critical Analysis and Writing I	
Select one from the following:		3
ENGL 1213	Composition II	
ENGL 1413	Critical Analysis and Writing II	
ENGL 3323	Technical Writing	
<i>American History &amp; Government</i>		
HIST 1103	Survey of American History	3
or HIST 1483	American History to 1865 (H)	
or HIST 1493	American History Since 1865 (DH)	
POLS 1113	American Government	3
<i>Analytical &amp; Quantitative Thought (A)</i>		
MATH 1483	Mathematical Functions and Their Uses (A) (or higher, not MATH 1493) <sup>1</sup>	3
<i>Humanities (H)</i>		
Courses designated (H)		6
<i>Natural Sciences (N)</i>		
Must include one Laboratory Science (L) course.		
Courses designated (N)		6
<i>Social &amp; Behavioral Sciences (S)</i>		
Courses designated (S)		3
<i>Additional General Education</i>		
Courses designated (A), (H), (N), or (S)		10
<b>Hours Subtotal</b>		<b>40</b>
<b>Diversity (D) &amp; International Dimension (I)</b>		
May be completed in any part of the degree plan.		
At least one Diversity (D) course.		
At least one International Dimension (I) course.		
<b>College/Departmental Requirements</b>		
<i>First Year Seminar</i>		
(Transfer students with 15 hours exempt.)		1
<i>Arts &amp; Humanities</i>		
(See note 2.a.)		9
<i>Natural &amp; Mathematical Sciences</i>		
(See note 2.b.)		3
<i>Foreign Language</i>		
SPAN 1713	Elementary Spanish I	3
SPAN 1813	Elementary Spanish II	3
SPAN 2713	Intermediate Spanish	3

#### Non-Western Studies

At least one course. (See note 2.d.)

#### Upper-Division General Education

6 hours outside major department (See note 2.c.)

**Hours Subtotal** **22**

#### Major Requirements

Minimum GPA 2.50 in upper-division Spanish courses with a minimum grade of "C" in each course.

SPAN 2723	Intermediate Hispanic Culture and Media	3
SPAN 2813	Intermediate Reading and Conversation	3
SPAN 2823	Intermediate Composition and Grammar (or equivalent proficiency)	3
SPAN 3213	Advanced Grammar and Composition	3
SPAN 3343	Business Spanish	3
SPAN 4323	Spanish Peninsular Civilization	3
or SPAN 4333	Latin American Civilization	

**3 hours from:** **3**

SPAN 3163	Survey of Peninsular Literature I	
SPAN 3173	Survey of Peninsular Literature II	
SPAN 3183	Latin American Survey I	
SPAN 3193	Latin American Survey II	

9 or more hours of Spanish, of which at least 6 hours must be literature courses, from: <sup>2</sup>

SPAN 3053	Introduction to Hispanic Literary Studies <sup>2</sup>	
SPAN 3203	Advanced Conversation	
SPAN 3403	Introduction to Hispanic Linguistics	
SPAN 3463	Spanish Phonetics and Phonology	
SPAN 4123	Hispanic Poetry <sup>2</sup>	
SPAN 4133	Hispanic Prose <sup>2</sup>	
SPAN 4163	Don Quijote <sup>2</sup>	
SPAN 4173	Hispanic Drama <sup>2</sup>	
SPAN 4183	Spain and Islam <sup>2</sup>	
SPAN 4193	Hispanic Film <sup>2</sup>	

SPAN 4223 Contemporary Hispanic Literature <sup>2</sup>

SPAN 4253 Masterpieces of Hispanic Literature I <sup>2</sup>

SPAN 4263 Masterpieces of Hispanic Literature II <sup>2</sup>

SPAN 4413 Advanced Stylistics

SPAN 4443 History of the Spanish Language

SPAN 4463 Sociolinguistics of the Spanish-Speaking World

SPAN 4550 Seminar in Spanish (1-9 hours)

SPAN 5110 Advanced Hispanic Studies (1-9 hours)

LL 3500 Specialized Study in a Modern Language

LL 4000 Specialized Studies in Languages and Literatures

LL 5210 Graduate Studies in Languages

May include up to 3 hours from Courses in Translation

LL 3613 Race and Culture in Latin America (HI)

LL 3623 Don Quixote in English (H)

#### Business Essentials

ACCT 2003 Survey of Accounting 3

MGMT 3013 Fundamentals of Management (S) 3

MKTG 3213 Marketing (S) 3

3 hours from:	3
ECON 2003	Microeconomic Principles for Business
EEE 2023	Introduction to Entrepreneurship
LSB 3213	Legal and Regulatory Environment of Business
MSIS 2103	Business Data Science Technologies

Additional hours to reach the required 42 hours may be taken from the following:

GEOG 3723	Europe (IS)
GEOG 3743	Latin America (IS)
POLS 3143	European Politics (I)
POLS 3193	Latin American Politics (IS)
HTM 3223	International Travel and Tourism (I)
LSB 4633	Legal Aspects of International Business Transactions (I)
MGMT 4613	International Management (I)
MKTG 3993	International Business (I)
MKTG 4553	International Marketing

<b>Hours Subtotal</b>	<b>42</b>
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#### Electives

16 hours of Electives	16
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May need to include 13 hours upper-division general education hours.

<b>Hours Subtotal</b>	<b>16</b>
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<b>Total Hours</b>	<b>120</b>
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1

College and Departmental Requirements that may be used to meet General Education Requirements.

2

Literature course options include SPAN 3053, SPAN 4123, SPAN 4133, SPAN 4163, SPAN 4173, SPAN 4183, SPAN 4193, SPAN 4223, SPAN 4253, and SPAN 4263.

## Other Requirements

- See the College of Arts and Sciences Requirements.
- **Upper-Division Credit:** Total hours must include at least 40 hours in courses numbered 3000 or above.
- **Hours in One Department:** For B.A. and B.S. degrees, no more than 54 hours in one department may be applied to degree requirements.

## College of Arts and Sciences Requirements

### 1. General Education Requirements

No more than two courses (or eight hours) from the major department (<http://catalog.okstate.edu/college-arts-sciences-major-departments/>) may be used to meet General Education and College and Departmental Requirements. The General Education required English Composition, required U.S. History, required American Government, one required MATH or STAT course, and required foreign language for B.A. degrees do not count against the two-course maximum.

### 2. A&S College/Departmental Requirements

- Arts and Humanities are defined as any course carrying an (H) designation or courses from AMST, ART, DANC, ENGL

(except ENGL 3323 Technical Writing) HIST, MUSI, PHIL (except PHIL 1313 Logic and Critical Thinking (A), PHIL 3003 Symbolic Logic (A) and PHIL 4003 Mathematical Logic and Computability), REL, TH, and foreign languages.

- Natural and Mathematical Sciences are defined as any course from the following prefixes: ASTR, BIOC, BIOL, CHEM, CS (except CS 4883 Social Issues in Computing), GEOL, MATH, MICR, PBIO, PHYS, and STAT; or courses from other departments that carry an (A) or (N) general education designation.
  - The required six hours of upper-division General Education may not include courses from the student's major department. This requirement may be satisfied by courses also used to satisfy any part of a student's degree program (i.e., in General Education, College Departmental Requirements, Major Requirements or Electives).
  - Non-Western Studies Requirement for B.A. and B.F.A.; One 3-hour course in Non-Western Studies (N.W.). This requirement may be satisfied by courses also used to satisfy any part of a student's degree program (i.e., in General Education, College Departmental Requirements, Major Requirements or Electives).
  - The College of Arts & Sciences requires a minimum 2.0 GPA in all major requirements and a minimum 2.0 GPA in all major-prefix courses applied to the degree.
- ### 3. Foreign Language Proficiency
- The foreign language requirement for the B.A. may be satisfied by 9 hours college credit in the same language, which must include 3 hours at the 2000-level, or equivalent proficiency (e.g., passing an advanced standing examination; TOEFL exam; presenting a high school transcript which demonstrates the high school was primarily conducted in a language other than English; etc.). Computer Science courses may not be used to satisfy this requirement. Currently Arabic and Mvskoke are not offered at the 2000-level at OSU.
  - The foreign language requirement for the B.S., B.M. and B.F.A. may be satisfied by presenting a high school transcript which demonstrates two years of study of a single foreign language (passing grades at second-year level of study). It may also be satisfied by 6 hours college credit in the same language, which must include language courses 1713 and 1813, or equivalent proficiency (e.g., passing an advanced standing examination; TOEFL exam; presenting a high school transcript which demonstrates the high school was primarily conducted in a language other than English; etc.). Computer Science courses may not be used to satisfy this requirement.
  - In addition to a. and b., students pursuing teacher certification must meet novice-high foreign language proficiency by presenting a high school transcript which demonstrates two years of study of a single foreign language with no grade below B. Or, students may complete 3 hours college credit in a single language with no grade below C (or pass an advanced standing examination, College Level Examination Program (CLEP) exam, or Oral Proficiency Interview developed by the American Council on the Teaching of Foreign Languages, equivalent to 3 hours of college credit.) Or, students may meet the requirement by transfer of documentation of meeting the foreign language competency from one of the teacher education programs in the State of Oklahoma approved by the Oklahoma State Regents for Higher Education.
- ### 4. Exclusions



- a. Courses used to satisfy the General Education English Composition, U.S. History, American Government, and Mathematics or Statistics requirements will not count toward the 54-hour maximum allowed from one department.
- b. Courses with ATHL or LEIS prefixes and leisure activity courses may not be used for degree credit.

## Additional State/OSU Requirements

- At least: 60 hours at a four-year institution; 30 hours completed at OSU; 15 of the final 30 or 50% of the upper-division hours in the major field completed at OSU.
- Limit of: one-half of major course requirements as transfer work; one-fourth of hours earned by correspondence; 8 transfer correspondence hours.
- Students will be held responsible for degree requirements in effect at the time of matriculation and any changes that are made, so long as these changes do not result in semester credit hours being added or do not delay graduation.
- Degrees that follow this plan must be completed by the end of Summer 2028.

## Example Plan of Study

### Finish in Four Plan of Study

The plan below is an **example** of how students can successfully complete degree requirements in four years. This suggested class schedule plan may be used as a guide and can be adjusted based on individual needs. Students are required to meet with an academic advisor prior to enrollment each semester to plan their class schedule, and students are ultimately responsible for completing all degree requirements.

Course	Title	Hours
<b>Freshman</b>		
<b>Fall</b>		
SPAN 1713	Elementary Spanish I	3
General Education courses		11
<b>Hours</b>		<b>14</b>
<b>Spring</b>		
SPAN 1813	Elementary Spanish II	3
General Education courses		13
<b>Hours</b>		<b>16</b>
<b>Sophomore</b>		
<b>Fall</b>		
SPAN 2713	Intermediate Spanish	3
SPAN 2723	Intermediate Hispanic Culture and Media	3
General Education courses		9
<b>Hours</b>		<b>15</b>
<b>Spring</b>		
SPAN 2813	Intermediate Reading and Conversation	3
SPAN 2823	Intermediate Composition and Grammar	3
College and Elective courses		9
<b>Hours</b>		<b>15</b>
<b>Junior</b>		
<b>Fall</b>		
SPAN 3053	Introduction to Hispanic Literary Studies	3
SPAN 3213	Advanced Grammar and Composition	3
Major, College, and Elective courses		9
<b>Hours</b>		<b>15</b>

<b>Spring</b>		
SPAN 3163	Survey of Peninsular Literature I	3
or SPAN 3173	or Survey of Peninsular Literature II	
or SPAN 3183	or Latin American Survey I	
or SPAN 3193	or Latin American Survey II	
Major, College, and Elective courses		12
<b>Hours</b>		<b>15</b>
<b>Senior</b>		
<b>Fall</b>		
Major, College, and Elective courses		15
<b>Hours</b>		<b>15</b>
<b>Spring</b>		
SPAN 4323	Spanish Peninsular Civilization	3
or SPAN 4333	or Latin American Civilization	
Major, College, and Elective courses		12
<b>Hours</b>		<b>15</b>
<b>Total Hours</b>		<b>120</b>

# Spanish: Pre-Law, BA

## Degree Requirements

**Requirements for Students Matriculating in or before Academic Year 2022-2023.** Learn more about University Academic Regulation 3.1 (p. 943).

**Minimum Overall Grade Point Average: 2.00**

**Total Hours: 120**

Code	Title	Hours
<b>General Education Requirements</b>		
<i>English Composition</i>		
See Academic Regulation 3.5 (p. 944)		
ENGL 1113	Composition I	3
or ENGL 1313	Critical Analysis and Writing I	
Select one of the following:		3
ENGL 1213	Composition II	
ENGL 1413	Critical Analysis and Writing II	
ENGL 3323	Technical Writing	
<i>American History &amp; Government</i>		
HIST 1103	Survey of American History	3
or HIST 1483	American History to 1865 (H)	
or HIST 1493	American History Since 1865 (DH)	
POLS 1113	American Government	3
<i>Analytical &amp; Quantitative Thought (A)</i>		
MATH or STAT course designated (A)		3
PHIL 1313	Logic and Critical Thinking (A)	3
<i>Humanities (H)</i>		
Courses designated (H)		6
<i>Natural Sciences (N)</i>		
Must include one Laboratory Science (L) course		
Course designated (N)		6
<i>Social &amp; Behavioral Sciences (S)</i>		
Course designated (S)		3
<i>Additional General Education</i>		
Courses designated (A), (H), (N), or (S)		7
<b>Hours Subtotal</b>		<b>40</b>
<b>Diversity (D) &amp; International Dimension (I)</b>		
May be completed in any part of the degree plan		
Select at least one Diversity (D) course		
Select at least one International Dimension (I) course		
<b>College/Departmental Requirements</b>		
<i>First Year Seminar</i>		
(Transfer students with 15 hours exempt)		1
<i>Arts &amp; Humanities</i>		
See note 2.a.		9
<i>Natural &amp; Mathematical Sciences</i>		
See note 2.b.		3
<i>Foreign Language</i>		
SPAN 1713	Elementary Spanish I	3
SPAN 1813	Elementary Spanish II	3
SPAN 2713	Intermediate Spanish	3

### Non-Western Studies

Select at least one course

See note 2.d.

### Upper-Division General Education

Select 6 hours outside major department

See note 2.c.

**Hours Subtotal** **22**

### Major Requirements

Minimum GPA 2.50 in upper-division Spanish courses with a minimum grade of "C" in each course

SPAN 2723	Intermediate Hispanic Culture and Media	3
SPAN 2813	Intermediate Reading and Conversation	3
SPAN 2823	Intermediate Composition and Grammar	3
SPAN 3213	Advanced Grammar and Composition	3
SPAN 4323	Spanish Peninsular Civilization	3
or SPAN 4333	Latin American Civilization	

Select 3 hours of the following: **3**

SPAN 3163	Survey of Peninsular Literature I	
SPAN 3173	Survey of Peninsular Literature II	
SPAN 3183	Latin American Survey I	
SPAN 3193	Latin American Survey II	

Select 12 or more hours of Spanish of the following. At least six hours must be literature courses: **1**

SPAN 3053	Introduction to Hispanic Literary Studies <sup>1</sup>	
SPAN 3203	Advanced Conversation	
SPAN 3343	Business Spanish	
SPAN 3403	Introduction to Hispanic Linguistics	
SPAN 3463	Spanish Phonetics and Phonology	
SPAN 4123	Hispanic Poetry <sup>1</sup>	
SPAN 4133	Hispanic Prose <sup>1</sup>	
SPAN 4143	Short Novels in Hispanic Literature <sup>1</sup>	
SPAN 4163	Don Quijote <sup>1</sup>	
SPAN 4173	Hispanic Drama <sup>1</sup>	
SPAN 4183	Spain and Islam <sup>1</sup>	
SPAN 4193	Hispanic Film <sup>1</sup>	
SPAN 4203	Hispanic Music <sup>1</sup>	
SPAN 4213	Short Stories in Hispanic Literature <sup>1</sup>	
SPAN 4223	Contemporary Hispanic Literature <sup>1</sup>	
SPAN 4253	Masterpieces of Hispanic Literature I <sup>1</sup>	
SPAN 4263	Masterpieces of Hispanic Literature II <sup>1</sup>	
SPAN 4413	Advanced Stylistics	
SPAN 4443	History of the Spanish Language	
SPAN 4463	Sociolinguistics of the Spanish-Speaking World	
SPAN 4550	Seminar in Spanish (1-9 hours)	
SPAN 5110	Advanced Hispanic Studies (1-9 hours)	
LL 3500	Specialized Study in a Modern Language	
LL 4000	Specialized Studies in Languages and Literatures	
LL 5210	Graduate Studies in Languages	
May include up to 3 hours from Courses in Translation		
SPAN 3613 - Race and Culture in Latin America		
SPAN 3623 - Don Quixote in English		

Select 9 hours from the following or accredited doctoral law courses. 9

AMIS 4013	American Indian Sovereignty (D)
ECON 3313	Money and Banking
ECON 3423	Public Finance
ENGL 3223	Professional Writing Theory
ENGL 3323	Technical Writing
PHIL 3003	Symbolic Logic (A)
PHIL 3413	Ethical Theory (H)
PHIL 3843	Philosophy of Law (H)
POLS 3033	International Law
POLS 3453	U.S. Congress
POLS 3493	Public Policy
POLS 3613	State and Local Government
POLS 4353	Administrative Law
POLS 4363	Environmental Law And Policy
POLS 4963	U.S. Constitution: Civil Rights and Civil Liberties
POLS 4973	U.S. Constitution: Separation of Powers
SOC 4313	Sociology of Law
SPCH 3733	Elements of Persuasion (S)

**Hours Subtotal** 39

#### Electives

Select 19 hours 19

May need to include 6 hours upper-division general education outside major department (see note 2.c.) and 12 additional upper-division hours

**Hours Subtotal** 19

**Total Hours** 120

1

At least 6 hours must be from literature courses marked with a <sup>1</sup>.

## Other Requirements

- See the College of Arts and Sciences Requirements.
- **Upper-Division Credit:** Total hours must include at least 40 hours in courses numbered 3000 or above.
- **Hours in One Department:** For B.A. and B.S. degrees, no more than 54 hours in one department may be applied to degree requirements.

## College of Arts and Sciences Requirements

### 1. General Education Requirements

No more than two courses (or eight hours) from the major department (<http://catalog.okstate.edu/college-arts-sciences-major-departments/>) may be used to meet General Education and College and Departmental Requirements. The General Education required English Composition, required U.S. History, required American Government, one required MATH or STAT course, and required foreign language for B.A. degrees do not count against the two-course maximum.

### 2. A&S College/Departmental Requirements

- Arts and Humanities are defined as any course carrying an (H) designation or courses from AMST, ART, DANC, ENGL (except ENGL 3323 Technical Writing) HIST, MUSI, PHIL (except

PHIL 1313 Logic and Critical Thinking (A), PHIL 3003 Symbolic Logic (A) and PHIL 4003 Mathematical Logic and Computability), REL, TH, and foreign languages.

- Natural and Mathematical Sciences are defined as any course from the following prefixes: ASTR, BIOC, BIOL, CHEM, CS (except CS 4883 Social Issues in Computing), GEOL, MATH, MICR, PBIO, PHYS, and STAT; or courses from other departments that carry an (A) or (N) general education designation.
- The required six hours of upper-division General Education may not include courses from the student's major department. This requirement may be satisfied by courses also used to satisfy any part of a student's degree program (i.e., in General Education, College Departmental Requirements, Major Requirements or Electives).
- Non-Western Studies Requirement for B.A. and B.F.A.; One 3-hour course in Non-Western Studies (N.W.). This requirement may be satisfied by courses also used to satisfy any part of a student's degree program (i.e., in General Education, College Departmental Requirements, Major Requirements or Electives).
- The College of Arts & Sciences requires a minimum 2.0 GPA in all major requirements and a minimum 2.0 GPA in all major-prefix courses applied to the degree.

### 3. Foreign Language Proficiency

- The foreign language requirement for the B.A. may be satisfied by 9 hours college credit in the same language, which must include 3 hours at the 2000-level, or equivalent proficiency (e.g., passing an advanced standing examination; TOEFL exam; presenting a high school transcript which demonstrates the high school was primarily conducted in a language other than English; etc.). Computer Science courses may not be used to satisfy this requirement. Currently Arabic and Mvskoke are not offered at the 2000-level at OSU.
- The foreign language requirement for the B.S., B.M. and B.F.A. may be satisfied by presenting a high school transcript which demonstrates two years of study of a single foreign language (passing grades at second-year level of study). It may also be satisfied by 6 hours college credit in the same language, which must include language courses 1713 and 1813, or equivalent proficiency (e.g., passing an advanced standing examination; TOEFL exam; presenting a high school transcript which demonstrates the high school was primarily conducted in a language other than English; etc.). Computer Science courses may not be used to satisfy this requirement.
- In addition to a. and b., students pursuing teacher certification must meet novice-high foreign language proficiency by presenting a high school transcript which demonstrates two years of study of a single foreign language with no grade below B. Or, students may complete 3 hours college credit in a single language with no grade below C (or pass an advanced standing examination, College Level Examination Program (CLEP) exam, or Oral Proficiency Interview developed by the American Council on the Teaching of Foreign Languages, equivalent to 3 hours of college credit.) Or, students may meet the requirement by transfer of documentation of meeting the foreign language competency from one of the teacher education programs in the State of Oklahoma approved by the Oklahoma State Regents for Higher Education.

### 4. Exclusions

- Courses used to satisfy the General Education English Composition, U.S. History, American Government, and

Mathematics or Statistics requirements will not count toward the 54-hour maximum allowed from one department.

- b. Courses with ATHL or LEIS prefixes and leisure activity courses may not be used for degree credit.

## Additional State/OSU Requirements

- At least: 60 hours at a four-year institution; 30 hours completed at OSU; 15 of the final 30 or 50% of the upper-division hours in the major field completed at OSU.
- Limit of: one-half of major course requirements as transfer work; one-fourth of hours earned by correspondence; 8 transfer correspondence hours.
- Students will be held responsible for degree requirements in effect at the time of matriculation and any changes that are made, so long as these changes do not result in semester credit hours being added or do not delay graduation.
- Degrees that follow this plan must be completed by the end of Summer 2028.

## Example Plan of Study

### Finish in Four Plan of Study

The plan below is an **example** of how students can successfully complete degree requirements in four years. This suggested class schedule plan may be used as a guide and can be adjusted based on individual needs. Students are required to meet with an academic advisor prior to enrollment each semester to plan their class schedule, and students are ultimately responsible for completing all degree requirements.

Course	Title	Hours
<b>Freshman</b>		
<b>Fall</b>		
SPAN 1713	Elementary Spanish I	3
General Education courses		11
<b>Hours</b>		<b>14</b>
<b>Spring</b>		
SPAN 1813	Elementary Spanish II	3
General Education courses		13
<b>Hours</b>		<b>16</b>
<b>Sophomore</b>		
<b>Fall</b>		
SPAN 2713	Intermediate Spanish	3
SPAN 2723	Intermediate Hispanic Culture and Media	3
PHIL 1313	Logic and Critical Thinking (A)	3
General Education courses		6
<b>Hours</b>		<b>15</b>
<b>Spring</b>		
SPAN 2813	Intermediate Reading and Conversation	3
SPAN 2823	Intermediate Composition and Grammar	3
College and Elective courses		9
<b>Hours</b>		<b>15</b>
<b>Junior</b>		
<b>Fall</b>		
SPAN 3053	Introduction to Hispanic Literary Studies	3
SPAN 3213	Advanced Grammar and Composition	3
Major, College, and Elective courses		9
<b>Hours</b>		<b>15</b>

<b>Spring</b>		
SPAN 3163	Survey of Peninsular Literature I	3
or SPAN 3173	or Survey of Peninsular Literature II	
or SPAN 3183	or Latin American Survey I	
or SPAN 3193	or Latin American Survey II	
Major, College, and Elective courses		12
<b>Hours</b>		<b>15</b>
<b>Senior</b>		
<b>Fall</b>		
Major, College, and Elective courses		15
<b>Hours</b>		<b>15</b>
<b>Spring</b>		
SPAN 4323	Spanish Peninsular Civilization	3
or SPAN 4333	or Latin American Civilization	
Major, College, and Elective courses		12
<b>Hours</b>		<b>15</b>
<b>Total Hours</b>		<b>120</b>

## Mathematics

Math is the language of science and a vital part of both cutting-edge research and daily life. Contemporary mathematics investigates such basic concepts as space and number and also the formulation and analysis of mathematical models arising from applications. Mathematics has always had close relationships to the physical sciences and engineering. As the biological, social, and management sciences have become increasingly quantitative, the mathematical sciences have moved in new directions to support these fields.

Mathematicians teach in high schools and colleges, do research and teach at universities, and apply mathematics in business, industry, and government. Outside of education, mathematicians usually work in research and analytical positions, although they have become increasingly involved in management. Firms in the aerospace, communications, computer, defense, electronics, energy, finance, and insurance industries employ many mathematicians. In such employment, a mathematician typically serves either in a consulting capacity, giving advice on mathematical problems to engineers and scientists, or as a member of a research team composed of specialists in several fields. Among the qualities that he or she should possess are breadth of interests and outlook, the ability to think abstractly, and a keen interest in problem-solving.

An undergraduate specializing in mathematics will often begin with calculus or sometimes with college algebra or preparation for calculus. All math majors take courses in differential equations, linear algebra, abstract algebra, and analysis. The student's interests and future plans determine the remainder of the field of concentration. Students are encouraged to acquire proficiency in computer programming and to take substantial work in related fields in which they have a special interest.

Undergraduate degree tracks are available to prepare students for:

1. employment in industry, business or government;
2. secondary school mathematics teaching; and,
3. graduate study in mathematics.

Students choosing secondary school teaching complete all requirements for state certification as part of this program.

Many of the more challenging positions in mathematics require study beyond a bachelor's degree. For example, university teaching requires a PhD, while teaching in a community college requires at least a master's degree and possibly a doctorate. Approximately 25 percent of the students receiving a bachelor's degree in mathematics go on to graduate work.

## Courses

### MATH 1483 Mathematical Functions and Their Uses (A)

**Prerequisites:** An acceptable placement score - see placement.okstate.edu.

**Description:** Analysis of functions and their graphs from the viewpoint of rates of change. Linear, exponential, logarithmic and other functions. Applications to the natural sciences, agriculture, business and the social sciences.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Mathematics

**General Education and other Course Attributes:** Analytical & Quant Thought

**Additional Fees:** MATH Corequisite Lab fee of \$90 applies.

### MATH 1493 Applications of Modern Mathematics (A)

**Prerequisites:** An acceptable placement score (see placement.okstate.edu).

**Description:** Introduction to contemporary applications of discrete mathematics. Topics from management science, statistics, coding and information theory, social choice and decision making, geometry and growth.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Mathematics

**General Education and other Course Attributes:** Analytical & Quant Thought

### MATH 1513 College Algebra (A)

**Prerequisites:** An acceptable placement score (see placement.okstate.edu). Two years of high school algebra recommended.

**Description:** Quadratic equations, functions and graphs, inequalities, systems of equations, exponential and logarithmic functions, theory of equations, sequences, permutations and combinations. Combined credit toward a degree for MATH 1513, MATH 1613 and MATH 1715 limited to six hours.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Mathematics

**General Education and other Course Attributes:** Analytical & Quant Thought

**Additional Fees:** MATH Corequisite Lab fee of \$90 applies.

### MATH 1583 Applied Geometry and Trigonometry (A)

**Prerequisites:** A grade of "C" or better in one of MATH 1483 or MATH 1513, or an acceptable placement score (see placement.okstate.edu).

**Description:** Geometry, trigonometry, and their applications to technology and design. Not intended for calculus-bound students.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Mathematics

**General Education and other Course Attributes:** Analytical & Quant Thought

**MATH 1613 Trigonometry (A)**

**Prerequisites:** MATH 1513 with grade of "C" or better or an acceptable placement score (see placement.okstate.edu).

**Description:** Trigonometric functions, solution of triangles and applications to physical sciences. Combined credit toward a degree for MATH 1513, MATH 1613 and MATH 1715 limited to six hours.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Mathematics

**General Education and other Course Attributes:** Analytical & Quant Thought

**MATH 1715 Precalculus (A)**

**Prerequisites:** An acceptable placement score (see http://placement.okstate.edu). One year of high school geometry and two years of high school algebra recommended.

**Description:** Includes an integrated treatment of topics from College Algebra and Trigonometry. Combined credit toward a degree for MATH 1513, MATH 1613 and MATH 1715 limited to six hours. Satisfies the six hour general education Analytical and Quantitative Thought requirement.

**Credit hours:** 5

**Contact hours:** Lecture: 5 Contact: 5

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Mathematics

**General Education and other Course Attributes:** Analytical & Quant Thought

**MATH 1813 Preparation for Calculus (A)**

**Prerequisites:** MATH 1513 with grade of "C" or better or an acceptable placement score (see placement.okstate.edu).

**Description:** A conceptual approach to the algebra and trigonometry needed for calculus. Trigonometry from the perspective of the unit circle and right triangles, behavior of trigonometric functions, and basic identities. Functions arising in calculus and the notion of an inverse function, especially in the context of trigonometric, logarithmic, and exponential functions. Rates of change and the limiting process. Combined credit toward a degree for MATH 1513, MATH 1613, and MATH 1813 limited to six hours. May not be used for degree credit with MATH 1715.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Mathematics

**General Education and other Course Attributes:** Analytical & Quant Thought

**Additional Fees:** MATH Corequisite Lab fee of \$90 applies.

**MATH 1910 Special Studies**

**Prerequisites:** Consent of instructor.

**Description:** Special subjects in mathematics. Offered for variable credit, 1-3 credit hours, maximum of 3 credit hours.

**Credit hours:** 1-3

**Contact hours:** Contact: 1-3 Other: 1-3

**Levels:** Undergraduate

**Schedule types:** Independent Study

**Department/School:** Mathematics

**MATH 2103 Business Calculus (A)**

**Prerequisites:** A grade of "C" or better in one of MATH 1483 or MATH 1513 or MATH 1715 or MATH 1813, or an acceptable placement score (see http://placement.okstate.edu).

**Description:** An introduction to calculus in the context of applications to business. Previously offered as MATH 2713.

**Credit hours:** 3

**Contact hours:** Lecture: 2 Contact: 3 Other: 1

**Levels:** Undergraduate

**Schedule types:** Discussion, Combined lecture & discussion, Lecture

**Department/School:** Mathematics

**General Education and other Course Attributes:** Analytical & Quant Thought

**MATH 2123 Calculus for Technology Programs I (A)**

**Prerequisites:** MATH 1613 with a grade of "C" or better, or MATH 1715 with a grade of "C" or better, or MATH 1813 with a grade of "C" or better, or an acceptable placement score (see placement.okstate.edu).

**Description:** First semester of a terminal sequence in calculus for students in the School of Technology. Functions and graphs, differentiation and integration with applications. Previously offered as MATH 2373.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Mathematics

**General Education and other Course Attributes:** Analytical & Quant Thought

**MATH 2133 Calculus for Technology Programs II (A)**

**Prerequisites:** A grade of "C" or better in MATH 2123 or in MATH 2144.

**Description:** Second semester of a terminal sequence in calculus for students in the School of Technology. Calculus of trigonometric, exponential and logarithmic functions and applications to physical problems. Previously offered as MATH 2383.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Mathematics

**General Education and other Course Attributes:** Analytical & Quant Thought

**MATH 2144 Calculus I (A)**

**Prerequisites:** MATH 1613 with grade of "C" or better, or MATH 1715 with grade of "C" or better, or MATH 1813 with grade of "C" or better, or an acceptable placement score (see placement.okstate.edu).

**Description:** An introduction to derivatives, integrals and their applications. Previously offered as MATH 2145 and MATH 2265.

**Credit hours:** 4

**Contact hours:** Lecture: 4 Contact: 4

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Mathematics

**General Education and other Course Attributes:** Analytical & Quant Thought

**Additional Fees:** MATH Corequisite Lab fee of \$90 applies.



**MATH 2153 Calculus II (A)****Prerequisites:** MATH 2144 with grade of "C" or better.**Description:** A continuation of MATH 2144, including techniques of integration, series and their applications, parametric equations, and polar coordinates. Previously offered as MATH 2155, MATH 2163, and MATH 2365.**Credit hours:** 3**Contact hours:** Lecture: 3 Contact: 3**Levels:** Undergraduate**Schedule types:** Lecture**Department/School:** Mathematics**General Education and other Course Attributes:** Analytical & Quant Thought**MATH 2163 Calculus III****Prerequisites:** MATH 2153 with grade of "C" or better.**Description:** A continuation of MATH 2153, including differential and integral calculus of functions of several variables and an introduction to vector analysis.**Credit hours:** 3**Contact hours:** Lecture: 3 Contact: 3**Levels:** Undergraduate**Schedule types:** Lecture**Department/School:** Mathematics**MATH 2233 Differential Equations****Prerequisites:** MATH 2153 with grade of "C" or better.**Description:** Methods of solution of ordinary differential equations with applications. First order equations, linear equations of higher order, series solutions and Laplace transforms. Combined credit toward a degree for MATH 2233, MATH 3013, and MATH 3263 limited to six hours. Previously offered as MATH 2613.**Credit hours:** 3**Contact hours:** Lecture: 3 Contact: 3**Levels:** Undergraduate**Schedule types:** Lecture**Department/School:** Mathematics**MATH 2890 Honors Experience in Math****Prerequisites:** Honors College participation and concurrent enrollment in a designated MATH course.**Description:** A supplemental Honors experience in mathematics to partner concurrently with designated MATH course(s). This course adds a different intellectual dimension to the designated course(s). Offered for fixed credit, 1 credit hour, maximum of 6 credit hours.**Credit hours:** 1**Contact hours:** Lecture: 1 Contact: 1**Levels:** Undergraduate**Schedule types:** Lecture**Department/School:** Mathematics**General Education and other Course Attributes:** Honors Credit**MATH 2900 Undergraduate Research****Prerequisites:** Consent of Instructor.**Description:** A guided program of independent reading and research under the direction of a faculty member. Offered for variable credit, 1-3 credit hours, maximum of 3 credit hours.**Credit hours:** 1-3**Contact hours:** Contact: 1-3 Other: 1-3**Levels:** Undergraduate**Schedule types:** Independent Study**Department/School:** Mathematics**MATH 2910 Special Studies****Prerequisites:** Consent of instructor.**Description:** Special subjects in mathematics. Offered for variable credit. 1-3 credit hours, maximum of 6 credit hours.**Credit hours:** 1-3**Contact hours:** Contact: 1-3 Other: 1-3**Levels:** Undergraduate**Schedule types:** Independent Study**Department/School:** Mathematics**MATH 3013 Linear Algebra (A)****Prerequisites:** MATH 2153 with a grade of "C" or better.**Description:** Algebra and geometry of finite-dimensional linear spaces, linear transformations, algebra of matrices, eigenvalues and eigenvectors. Combined credit toward a degree for MATH 2233, MATH 3013 and MATH 3263 limited to six hours.**Credit hours:** 3**Contact hours:** Lecture: 3 Contact: 3**Levels:** Undergraduate**Schedule types:** Lecture**Department/School:** Mathematics**General Education and other Course Attributes:** Analytical & Quant Thought**MATH 3263 Linear Algebra and Differential Equations****Prerequisites:** MATH 2153 with a grade of "C" or better.**Description:** An integrated treatment of linear algebra and differential equations. Combined credit toward a degree for MATH 2233, MATH 3013, and MATH 3263 limited to six hours. Previously offered as MATH 3623.**Credit hours:** 3**Contact hours:** Lecture: 3 Contact: 3**Levels:** Undergraduate**Schedule types:** Lecture**Department/School:** Mathematics**MATH 3303 Advanced Perspectives on Functions and Modeling for Secondary Teachers****Prerequisites:** MATH 2153 with grade of "C" or better, and a major in MATH or science on the STCH option.**Description:** A conceptually rigorous treatment of topics in secondary mathematics including functions, rates of change, and modeling with linear, exponential, logarithmic, and trigonometric functions. Emphasis on articulating ideas and developing pre-service teachers' ability to teach for understanding. Applies only towards the STCH option on the Math major; no credit towards the MATH minor.**Credit hours:** 3**Contact hours:** Lecture: 3 Contact: 3**Levels:** Undergraduate**Schedule types:** Lecture**Department/School:** Mathematics

**MATH 3403 Geometric Structures for Early Childhood and Elementary Teachers****Prerequisites:** MATH 1483 or MATH 1493 or MATH 1513.**Description:** Foundations of geometry for prospective early childhood and elementary educators. Linear and angular measure, polygons and polyhedra, similarity and congruence, geometric constructions, motion and transformations. Class format may emphasize student investigation and discovery, discussion and presentation, and working with mathematical tools. This course, together with MATH 3603, prepares students for SMED 3153 and SMED 4153 and/or HDFS 3223. Previously offered as MATH 3733.**Credit hours:** 3**Contact hours:** Lecture: 3 Contact: 3**Levels:** Undergraduate**Schedule types:** Lecture**Department/School:** Mathematics**MATH 3583 Introduction to Mathematical Modeling****Prerequisites:** MATH 2153 and MATH 3013 with grades of "C" or better.**Description:** A project-based introduction to the core methods used in mathematical modeling: model building, computation and simulation, model verification, interpretation, and refinement. Students conduct inquiries to create and analyze mathematical models to solve problems in various scientific or business contexts, using approaches that may include discrete or continuous models, dynamical systems, stochastic processes, empirical modeling, and others. Written reports and oral presentation of solutions required. May not be used for degree credit with MATH 4583.**Credit hours:** 3**Contact hours:** Lecture: 3 Contact: 3**Levels:** Undergraduate**Schedule types:** Lecture**Department/School:** Mathematics**MATH 3603 Mathematical Structures for Early Childhood and Elementary Teachers****Prerequisites:** MATH 1483 or MATH 1493 or MATH 1513.**Description:** Foundations of mathematics and number concepts for prospective early childhood and elementary educators. Problem solving, logic, set theory, functions and relations, number systems, number theory, rational numbers, decimals and fractions, exponentiation, probability, and applications. Class format may emphasize student investigation and discovery, discussion and presentation, and working with mathematical tools. Together with MATH 3403, it prepares students for SMED 3153 and SMED 4153 and/or HDFS 3223. Previously offered as MATH 3723.**Credit hours:** 3**Contact hours:** Lecture: 3 Contact: 3**Levels:** Undergraduate**Schedule types:** Lecture**Department/School:** Mathematics**MATH 3613 Introduction to Abstract Algebra****Prerequisites:** MATH 3013 with a grade of "C" or better.**Description:** An introduction to mathematical reasoning including logical structure of statements, quantifiers, basic set theory and techniques of proof. Elementary number theory including divisors and prime factorization, the Euclidean algorithm, and modular arithmetic. Introduction to rings, integral domains, fields, and polynomial rings. Previously offered as MATH 3113.**Credit hours:** 3**Contact hours:** Lecture: 3 Contact: 3**Levels:** Undergraduate**Schedule types:** Lecture**Department/School:** Mathematics**MATH 3890 Advanced Honors Experience in Mathematics****Prerequisites:** Honors College participation and concurrent enrollment in a designated MATH course.**Description:** A supplemental Honors experience in mathematics to partner concurrently with designated upper-division MATH course(s). This course adds a different intellectual dimension to the designated course(s). Offered for fixed credit, 1 credit hour, maximum of 6 credit hours.**Credit hours:** 1**Contact hours:** Lecture: 1 Contact: 1**Levels:** Undergraduate**Schedule types:** Lecture**Department/School:** Mathematics**General Education and other Course Attributes:** Honors Credit**MATH 3910 Special Studies****Prerequisites:** Consent of instructor.**Description:** Special subjects in mathematics. Offered for variable credit, 1-3 credit hours, maximum of 3 credit hours.**Credit hours:** 1-3**Contact hours:** Contact: 1-3 Other: 1-3**Levels:** Undergraduate**Schedule types:** Independent Study**Department/School:** Mathematics**MATH 3933 Research Methods****Prerequisites:** MATH 3013 with grade of "C" or better; MATH 3613 with grade of "C" or better recommended.**Description:** A project-based introduction to the core methods used in mathematical research: computation, pattern recognition, conjecture, proof, and generalization. Students conduct inquiries in various mathematical areas to be selected from number theory, combinatorics, game theory, and others. Calculation and computer experimentation will be used to gather data and facilitate recognition of patterns. Written reports and oral presentation of solutions required.**Credit hours:** 3**Contact hours:** Lecture: 3 Contact: 3**Levels:** Undergraduate**Schedule types:** Lecture**Department/School:** Mathematics

**MATH 4003 Mathematical Logic and Computability**

**Prerequisites:** MATH 3613 or PHIL 3003 or consent of instructor.

**Description:** The basic metatheorems of first order logic: soundness, completeness, compactness, Lowenheim-Skolem theorem, undecidability of first order logic, Godel's incompleteness theorem. Enumerability, diagonalization, formal systems, standard and nonstandard models, Godel numberings, Turing machines, recursive functions, and evidence for Church's thesis. Same course as PHIL 4003.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Mathematics

**MATH 4013 Calculus of Several Variables**

**Prerequisites:** MATH 2163 and MATH 3013 with grades of "C" or better.

**Description:** Differential and integral calculus of functions of several variables, vector analysis, Stokes' Theorem, Green's Theorem and applications. May not be used for degree credit with MATH 5063.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Mathematics

**MATH 4023 Introduction to Analysis**

**Prerequisites:** MATH 2153 and MATH 3613 with grades of "C" or better, or consent of instructor.

**Description:** An introduction to analysis of functions of one real variable emphasizing the reading and writing of mathematical proof. Basic logic, set theory, functions and relations, cardinality of sets. Structure of the real numbers, completeness, open and closed sets, compact sets. Convergence of sequences bounded and monotone sequences, subsequences. Limits of functions, continuity. May not be used for degree credit with MATH 5073.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Mathematics

**MATH 4033 History of Mathematics**

**Prerequisites:** MATH 2153 with a grade of "C" or better.

**Description:** Historical development of mathematical ideas and methods relating to concepts of number, geometry, algebra, and other areas, from the time of the ancient Greeks through major developments in the Renaissance and 17th and 18th centuries, with a brief survey of later developments. Includes contributions from diverse cultures and individuals, and influences from astronomy and physics. The emphasis in the course will be on replicating historical techniques and relating them to contemporary practice. The course provides future secondary and college teachers with a foundation for incorporating historical perspectives in their lessons. May not be used for degree credit with MATH 5033.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Mathematics

**MATH 4063 Advanced Linear Algebra**

**Prerequisites:** MATH 3013 and MATH 3613 with grades of "C" or better; grades of "B" or better recommended.

**Description:** A rigorous treatment of vector spaces, linear transformations, determinants, orthogonal and unitary transformations, canonical forms, bilinear and hermitian forms, and dual spaces. Honors and regular sections are offered and meet with MATH 5023. May not be used for degree credit with MATH 5023.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Mathematics

**MATH 4083 Intermediate Analysis**

**Prerequisites:** MATH 4023 with grade of "C" or better.

**Description:** Continuation of MATH 4023. Review of limits and continuity. Properties of continuous functions, uniform continuity, the derivative, the Mean Value Theorem. The Riemann integral, the Fundamental Theorem of Calculus. Infinite series, power series, pointwise and uniform convergence of series of functions. May not be used for degree credit with MATH 5083.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Mathematics

**MATH 4143 Advanced Calculus I**

**Prerequisites:** MATH 2163, MATH 3013, and MATH 4023 with grades of "C" or better; grades of "B" or better recommended.

**Description:** A rigorous treatment of calculus for functions of one and several variables. Elementary topology of Euclidean and metric spaces, continuity and uniform continuity, differentiation and integration in one variable. Honors and regular sections are offered and meet with MATH 5043. May not be used for degree credit with MATH 5043.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Mathematics

**MATH 4153 Advanced Calculus II**

**Prerequisites:** MATH 4143 with grade of "C" or better; grade of "B" or better recommended.

**Description:** Continuation of MATH 4143. A rigorous treatment of sequences and series of functions, uniform convergence, and differentiation and integration of vector-valued functions. Honors and regular sections are offered and meet with MATH 5053. May not be used for degree credit with MATH 5053.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Mathematics

**MATH 4233 Intermediate Differential Equations**

**Prerequisites:** MATH 2233 and MATH 3013 with grades of "C" or better.

**Description:** Systems of differential equations, series solutions, special functions, elementary partial differential equations, Sturm-Liouville problems, stability and applications. Previously offered as MATH 4653. May not be used for degree credit with MATH 5203.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Mathematics

**MATH 4263 Introduction to Partial Differential Equations**

**Prerequisites:** MATH 2163 and MATH 2233 and MATH 3013 with grades of "C" or better.

**Description:** Solution of the standard partial differential equations (Laplace's equation, transport equation, heat equation, wave equation) by separation of variables and transform methods, including eigenfunction expansions, Fourier and Laplace transform. Boundary value problems, Sturm-Liouville theory, orthogonality, Fourier, Bessel, and Legendre series, spherical harmonics. May not be used for degree credit with MATH 5263.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Mathematics

**MATH 4283 Complex Variables**

**Prerequisites:** MATH 2163 with a grade of "C" or better.

**Description:** Properties of complex numbers, analytic functions of a complex variable, contour integrals, Cauchy's Integral Theorem, power series and Laurent series, residues and poles, conformal mapping, and applications. Previously offered as MATH 4673. May not be used for degree credit with MATH 5273.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Mathematics

**MATH 4343 Introduction to Topology**

**Prerequisites:** MATH 4023 with a grade of "C" or better.

**Description:** Topological spaces, basic point-set topology, introduction to surfaces and three-manifolds, introduction to knot theory, applications. May not be used for degree credit with MATH 5343.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Mathematics

**MATH 4403 Geometry**

**Prerequisites:** MATH 3013 and MATH 3613 with grades of "C" or better.

**Description:** A rigorous and thorough development of plane geometry including lines, triangles, and circles. Congruence of figures using rigid motions and similarity using dilations. Construction of geometric figures. Additional topics may include non-Euclidean geometries and higher dimensional geometry. Previously offered as MATH 4043.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Mathematics

**MATH 4423 Geometry and Algorithms in Three-Dimensional Modeling**

**Prerequisites:** MATH 2163 and MATH 3013 and (CS 1103 or CS 1113 or ENGR 1412) with grades of "C" or better.

**Description:** A project-based introduction to 3D computer-aided design tools from a mathematical perspective. Students will learn some of the mathematical background behind computer representation and manipulation of 3D geometry and will apply their knowledge, via both graphical user and programming interfaces, to design and 3D-print models visualizing mathematical concepts. Written reports and oral presentation required. May not be used for degree credit with MATH 5423.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Mathematics

**MATH 4453 Mathematical Interest Theory**

**Prerequisites:** MATH 2153 and MATH 2233 with grades of "C" or better.

**Description:** Fundamental concepts of financial mathematics including simple and compound interest, inflation, yield rates, and equations of value for annuities, stocks, bonds, and other financial instruments. Determining equivalent measures of interest, determining yield rates, estimating rates of return, amortization. May not be used for degree credit with MATH 5453.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Mathematics

**MATH 4513 Introduction to Numerical Analysis**

**Prerequisites:** MATH 2233 and MATH 3013 with grades of "C" or better and knowledge of programming, or consent of instructor.

**Description:** Computer arithmetic and round-off errors, numerical solution to nonlinear equations, interpolation, numerical differentiation and integration, numerical solutions to ordinary differential equations, error analysis for numerical solutions and approximations. Additional topics may include direct and iterative solutions for linear systems for equations. Same course as CS 4513. May not be used for degree credit with MATH 5513.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Mathematics

**MATH 4553 Introduction to Optimization**

**Prerequisites:** MATH 2163 and MATH 3013 with grades of "C" or better.

**Description:** A survey of optimization theory and methods for functions of several variables. Unconstrained optimization, gradient methods. Linear programming, simplex method, duality. Nonlinear constrained optimization. May not be used for degree credit with MATH 5503.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Mathematics

**MATH 4590 Professional Practice in Mathematics**

**Prerequisites:** Declared major in mathematics and consent of instructor.

**Description:** Internship or practicum experience applying mathematical principles to solve problems encountered during employment or an internship in business, industry, or government. Written and oral reports may be required. Offered for variable credit, 1-3 credit hours, maximum of 3 credit hours.

**Credit hours:** 1-3

**Contact hours:** Contact: 1-3 Other: 1-3

**Levels:** Undergraduate

**Schedule types:** Independent Study

**Department/School:** Mathematics

**MATH 4603 Intermediate Abstract Algebra**

**Prerequisites:** MATH 3613 with grade of "C" or better.

**Description:** Introduction to groups, subgroups, homomorphisms, quotient groups. Theory of field extensions and automorphisms, introduction to Galois theory.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Mathematics

**MATH 4613 Abstract Algebra I**

**Prerequisites:** MATH 3613 with grade of "C" or better; grade of "B" or better recommended.

**Description:** A rigorous treatment of group theory including subgroups and quotient groups, isomorphism and homomorphism, structure theory, group actions, and the Sylow theorems. Introduction to rings, ideals, and homomorphisms. Honors and regular sections are offered and meet with MATH 5003. May not be used for degree credit with MATH 5003.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Mathematics

**MATH 4623 Abstract Algebra II**

**Prerequisites:** MATH 4613 with grade of "C" or better; grade of "B" or better recommended.

**Description:** Continuation of MATH 4613. A rigorous treatment of ring theory including ideals, homomorphism, unique factorization domains, principal ideal domains, modules and vector spaces. Field theory and Galois theory. Honors and regular sections are offered and meet with MATH 5013. May not be used for degree credit with MATH 5013.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Mathematics

**MATH 4663 Combinatorics**

**Prerequisites:** MATH 3013 with a grade of "C" or better.

**Description:** Introduction to graph theory and network theory, counting techniques, generating functions, recurrence relations, and difference equations. Previously offered as MATH 4273. May not be used for degree credit with MATH 5673.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Mathematics

**MATH 4713 Number Theory**

**Prerequisites:** MATH 3613 with a grade of "C" or better.

**Description:** Divisibility of integers, congruencies, quadratic residues, distribution of primes, continued fractions and the theory of ideals. Previously offered as MATH 4243. May not be used for degree credit with MATH 5713.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Mathematics

**MATH 4753 Introduction to Cryptography**

**Prerequisites:** MATH 3013 and (MATH 3613 or CS 3653) with grades of "C" or better.

**Description:** Classical and modern techniques for transmitting and managing information in the presence of eavesdroppers or adversaries and the mathematical principles on which they are based. Symmetric and asymmetric ciphers such as RSA and public key cryptography. Modular arithmetic, the factoring problem, and the discrete logarithm problem. May not be used for degree credit with MATH 5753.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Mathematics

**MATH 4813 Groups and Representations**

**Prerequisites:** MATH 3013 and MATH 3613 with grades of "C" or better, or consent of instructor.

**Description:** An introduction to groups, group actions, symmetry groups, representations and characters. Further topics may include infinite symmetry groups, applications to chemistry and physics, finite isometry groups and geometry. May not be used for degree credit with MATH 5803.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Mathematics

**MATH 4900 Undergraduate Research**

**Prerequisites:** Consent of instructor.

**Description:** A guided program of independent reading and research under the direction of a faculty member. Offered for variable credit, 1-4 credit hours, maximum of 4 credit hours.

**Credit hours:** 1-3

**Contact hours:** Contact: 1-3 Other: 1-3

**Levels:** Undergraduate

**Schedule types:** Independent Study

**Department/School:** Mathematics

**MATH 4910 Special Studies**

**Prerequisites:** Consent of instructor.

**Description:** Special subjects in mathematics. Offered for variable credit, 1-3 credit hours, maximum of 9 credit hours.

**Credit hours:** 1-3

**Contact hours:** Contact: 1-3 Other: 1-3

**Levels:** Undergraduate

**Schedule types:** Independent Study

**Department/School:** Mathematics



**MATH 4950 Problem Solving Seminar****Prerequisites:** MATH 2153 with a grade of "C" or better.**Description:** The general process of problem solving. Selected problem-solving techniques. Applications to challenging problems from all areas of mathematics. Offered for variable credit, 1-3 credit hours, maximum of 3 credit hours.**Credit hours:** 1-3**Contact hours:** Lecture: 1-3 Contact: 1-3**Levels:** Undergraduate**Schedule types:** Lecture**Department/School:** Mathematics**MATH 4963 Preparation for Senior Thesis****Prerequisites:** Consent of instructor, junior or senior standing.**Description:** A guided program of independent reading and research under the direction of a faculty member. This course may serve as the first part of a two-semester senior thesis or senior honors thesis experience.**Credit hours:** 3**Contact hours:** Contact: 3 Other: 3**Levels:** Undergraduate**Schedule types:** Independent Study**Department/School:** Mathematics**MATH 4973 Senior Thesis****Prerequisites:** Consent of instructor, senior standing.**Description:** A guided program of independent reading and research under the direction of a faculty member. The project culminates in an oral presentation, and a written report also approved by a second faculty reader.**Credit hours:** 3**Contact hours:** Contact: 3 Other: 3**Levels:** Undergraduate**Schedule types:** Independent Study**Department/School:** Mathematics**MATH 4993 Senior Honors Thesis****Prerequisites:** Consent of instructor, senior standing, and Honors Program participation.**Description:** A guided program of independent reading and research under the direction of a faculty member. The project culminates in an oral presentation, and a written report also approved by a second faculty reader. Required for graduation with Departmental honors in mathematics.**Credit hours:** 3**Contact hours:** Contact: 3 Other: 3**Levels:** Undergraduate**Schedule types:** Independent Study**Department/School:** Mathematics**General Education and other Course Attributes:** Honors Credit**MATH 5000 Master's Research and Thesis****Prerequisites:** Consent of advisory committee.**Description:** Directed reading and research culminating in the master's report or master's thesis. Offered for variable credit, 1-6 credit hours, maximum of 6 credit hours.**Credit hours:** 1-6**Contact hours:** Contact: 1-6 Other: 1-6**Levels:** Graduate**Schedule types:** Independent Study**Department/School:** Mathematics**MATH 5003 Abstract Algebra I****Prerequisites:** MATH 3613 with grade of "C" or better; grade of "B" or better recommended.**Description:** A rigorous treatment of group theory including subgroups and quotient groups, isomorphism and homomorphism, structure theory, group actions, and the Sylow theorems. Introduction to rings, ideals, and homomorphisms. Meets with MATH 4613. May not be used for degree credit with MATH 4613.**Credit hours:** 3**Contact hours:** Lecture: 3 Contact: 3**Levels:** Graduate**Schedule types:** Lecture**Department/School:** Mathematics**MATH 5010 Seminar in Mathematics****Prerequisites:** Consent of instructor.**Description:** Topics in mathematics. Offered for variable credit, 1-3 credit hours, maximum of 12 credit hours.**Credit hours:** 1-3**Contact hours:** Contact: 1-3 Other: 1-3**Levels:** Graduate**Schedule types:** Independent Study**Department/School:** Mathematics**MATH 5013 Abstract Algebra II****Prerequisites:** A grade of "C" or better in one of MATH 4613 or MATH 5003; grade of "B" or better recommended.**Description:** Continuation of MATH 5003. A rigorous treatment of ring theory including ideals, homomorphism, unique factorization domains, principal ideal domains, modules and vector spaces. Field theory and Galois theory. Meets with MATH 4623. May not be used for degree credit with MATH 4623.**Credit hours:** 3**Contact hours:** Lecture: 3 Contact: 3**Levels:** Graduate**Schedule types:** Lecture**Department/School:** Mathematics**MATH 5023 Advanced Linear Algebra****Prerequisites:** MATH 3013 and MATH 3613 with grades of "C" or better; grades of "B" or better recommended.**Description:** A rigorous treatment of vector spaces, linear transformations, determinants, orthogonal and unitary transformations, canonical forms, bilinear and Hermitian forms, and dual spaces. Meets with MATH 4063. May not be used for degree credit with MATH 4063.**Credit hours:** 3**Contact hours:** Lecture: 3 Contact: 3**Levels:** Graduate**Schedule types:** Lecture**Department/School:** Mathematics



**MATH 5033 History of Mathematics**

**Prerequisites:** MATH 2153 with a grade of "C" or better.

**Description:** Historical development of mathematical ideas and methods relating to concepts of number, geometry, algebra, and other areas, from the time of the ancient Greeks through major developments in the Renaissance and 17th and 18th centuries, with a brief survey of later developments. Includes contributions from diverse cultures and individuals, and influences from astronomy and physics. The emphasis in the course will be on replicating historical techniques and relating them to contemporary practice. The course provides future secondary and college teachers with a foundation for incorporating historical perspectives in their lessons. May not be used for degree credit with MATH 4033.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Graduate

**Schedule types:** Lecture

**Department/School:** Mathematics

**MATH 5043 Advanced Calculus I**

**Prerequisites:** MATH 2163, MATH 3013, and MATH 4023 with grades of "C" or better; grades of "B" or better recommended.

**Description:** A rigorous treatment of calculus for functions of one and several variables. Elementary topology of Euclidean and metric spaces, continuity and uniform continuity, differentiation and integration in one variable. Meets with MATH 4143. May not be used for degree credit with MATH 4143.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Graduate

**Schedule types:** Lecture

**Department/School:** Mathematics

**MATH 5053 Advanced Calculus II**

**Prerequisites:** A grade of "C" or better in one of MATH 4143 or MATH 5043; grade of "B" or better recommended.

**Description:** Continuation of MATH 5043. A rigorous treatment of sequences and series of functions, uniform convergence, and differentiation and integration of vector-valued functions. Meets with MATH 4153. May not be used for degree credit with MATH 4153.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Graduate

**Schedule types:** Lecture

**Department/School:** Mathematics

**MATH 5063 Calculus of Several Variables**

**Prerequisites:** MATH 2163 and MATH 3013 with grades of "C" or better.

**Description:** Differential and integral calculus of functions of several variables, vector analysis, Stokes' Theorem, Green's Theorem and applications. May not be used for degree credit with MATH 4013.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Graduate

**Schedule types:** Lecture

**Department/School:** Mathematics

**MATH 5073 Introduction to Analysis**

**Prerequisites:** MATH 2153 and MATH 3613 with grades of "C" or better, or consent of instructor.

**Description:** An introduction to analysis of functions of one real variable emphasizing the reading and writing of mathematical proof. Basic logic, set theory, functions and relations, cardinality of sets. Structure of the real numbers, completeness, open and closed sets, compact sets. Convergence of sequences bounded and monotone sequences, subsequences. Limits of functions, continuity. May not be used for degree credit with MATH 4023.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Graduate

**Schedule types:** Lecture

**Department/School:** Mathematics

**MATH 5083 Intermediate Analysis**

**Prerequisites:** MATH 4023 with grade of "C" or better.

**Description:** Continuation of MATH 4023. Review of limits and continuity. Properties of continuous functions, uniform continuity, the derivative, the Mean Value Theorem. The Riemann integral, the Fundamental Theorem of Calculus. Infinite series, power series, pointwise and uniform convergence of series of functions. May not be used for degree credit with MATH 4083.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Graduate

**Schedule types:** Lecture

**Department/School:** Mathematics

**MATH 5133 Stochastic Processes**

**Prerequisites:** MATH 2233, MATH 3013 and STAT 5123.

**Description:** Definition of stochastic processes, probability structure, mean and covariance function, the set of sample functions, stationary processes and their spectral analysis, renewal processes, counting analysis, discrete and continuous Markov chains, birth and death processes, exponential model, queuing theory. Same course as IEM 5133 & STAT 5133.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Graduate

**Schedule types:** Lecture

**Department/School:** Mathematics

**MATH 5143 Real Analysis I**

**Prerequisites:** MATH 4153 or MATH 5053.

**Description:** Measure theory, measurable functions, integration and differentiation of functions.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Graduate

**Schedule types:** Lecture

**Department/School:** Mathematics

**MATH 5153 Real Analysis II****Prerequisites:** MATH 5143.**Description:** Differentiation with respect to measures. Aspects of point set topology: nets, locally compact spaces, product spaces. Elementary functional analysis: Hahn-Banach, uniform boundedness, open mapping theorems, weak topologies, Hilbert spaces. Riesz representation theorems: duals of Lebesgue spaces and spaces of continuous functions. Other topics may include: elements of Fourier analysis, distribution theory, Stone-Weierstrass theorem.**Credit hours:** 3**Contact hours:** Lecture: 3 Contact: 3**Levels:** Graduate**Schedule types:** Lecture**Department/School:** Mathematics**MATH 5193 Differentiable Manifolds****Prerequisites:** MATH 4153 or MATH 5053; recommended MATH 4343 or MATH 5303.**Description:** Differentiable manifolds and maps, tangent vectors, vector fields, integral curves, submanifolds, differential forms, and integration. Additional topics may be selected from: flows, Lie derivatives, the Frobenius theorem, structures defined by differential forms, vector bundles and de Rham theory.**Credit hours:** 3**Contact hours:** Lecture: 3 Contact: 3**Levels:** Graduate**Schedule types:** Lecture**Department/School:** Mathematics**MATH 5203 Intermediate Differential Equations****Prerequisites:** MATH 2233 and MATH 3013 with grades of "C" or better.**Description:** Systems of differential equations, series solutions, special functions, elementary partial differential equations, Sturm-Liouville problems, stability and applications. Previously offered as MATH 4653. May not be used for degree credit with MATH 4233.**Credit hours:** 3**Contact hours:** Lecture: 3 Contact: 3**Levels:** Graduate**Schedule types:** Lecture**Department/School:** Mathematics**MATH 5213 Fourier Analysis and Wavelets****Prerequisites:** MATH 4013 or MATH 4023.**Description:** Orthogonal series expansions, Fourier series and integrals and boundary value problems. Haar wavelets and multiresolution analysis. Applications.**Credit hours:** 3**Contact hours:** Lecture: 3 Contact: 3**Levels:** Graduate**Schedule types:** Lecture**Department/School:** Mathematics**MATH 5233 Partial Differential Equations****Prerequisites:** MATH 4013, MATH 4143 and MATH 4233 or consent of instructor.**Description:** Representation formulas for solutions of transport equation, Laplace's equation, heat equation and wave equation, mean value theorems, maximum principle, Green's functions, characteristics, eigenvalue problems, separation of variables, transform methods, variational methods, general theory of first order equations.**Credit hours:** 3**Contact hours:** Lecture: 3 Contact: 3**Levels:** Graduate**Schedule types:** Lecture**Department/School:** Mathematics**MATH 5243 Ordinary Differential Equations****Prerequisites:** MATH 4143 or MATH 5043; MATH 4233; MATH 5023.**Description:** Banach space, contraction mapping principle, existence and uniqueness theorems, linear systems, higher-order linear equations, boundary value and eigenvalue problems, stability and asymptotic behavior, attractors, Gronwall's inequality, Liapunov method.**Credit hours:** 3**Contact hours:** Lecture: 3 Contact: 3**Levels:** Graduate**Schedule types:** Lecture**Department/School:** Mathematics**MATH 5253 Advanced Ordinary Differential Equations****Prerequisites:** MATH 5243.**Description:** Selected topics in ordinary differential equations.**Credit hours:** 3**Contact hours:** Lecture: 3 Contact: 3**Levels:** Graduate**Schedule types:** Lecture**Department/School:** Mathematics**MATH 5263 Introduction to Partial Differential Equations****Prerequisites:** MATH 2163 and MATH 2233 and MATH 3013 with grades of "C" or better.**Description:** Solution of the standard partial differential equations (Laplace's equation, transport equation, heat equation, wave equation) by separation of variables and transform methods, including eigenfunction expansions, Fourier and Laplace transform. Boundary value problems, Sturm-Liouville theory, orthogonality, Fourier, Bessel, and Legendre series, spherical harmonics. May not be used for degree credit with MATH 4263.**Credit hours:** 3**Contact hours:** Lecture: 3 Contact: 3**Levels:** Graduate**Schedule types:** Lecture**Department/School:** Mathematics**MATH 5273 Complex Variables****Prerequisites:** MATH 2163 with a grade of "C" or better.**Description:** Properties of complex numbers, analytic functions of a complex variable, contour integrals, Cauchy's Integral Theorem, power series and Laurent series, residues and poles, conformal mapping, and applications. Previously offered as MATH 4673. May not be used for degree credit with MATH 4283.**Credit hours:** 3**Contact hours:** Lecture: 3 Contact: 3**Levels:** Graduate**Schedule types:** Lecture**Department/School:** Mathematics

**MATH 5283 Complex Analysis I****Prerequisites:** MATH 4153 or MATH 5053.**Description:** Basic topology of the plane, functions of a complex variable, analytic functions, transformations, infinite series, integration and conformal mapping.**Credit hours:** 3**Contact hours:** Lecture: 3 Contact: 3**Levels:** Graduate**Schedule types:** Lecture**Department/School:** Mathematics**MATH 5293 Complex Analysis II****Prerequisites:** MATH 5283.**Description:** Riemann Mapping Theorem, meromorphic functions, analytic continuation, Dirichlet problem, and entire functions.**Credit hours:** 3**Contact hours:** Lecture: 3 Contact: 3**Levels:** Graduate**Schedule types:** Lecture**Department/School:** Mathematics**MATH 5303 General Topology****Prerequisites:** MATH 4143 or MATH 5043 or consent of instructor.**Description:** Basic properties of topological spaces and continuous functions, including connectedness, compactness, and separation and countability axioms. Metric, product, and quotient spaces, Urysohn lemma, and Tietze extension theorem.**Credit hours:** 3**Contact hours:** Lecture: 3 Contact: 3**Levels:** Graduate**Schedule types:** Lecture**Department/School:** Mathematics**MATH 5313 Geometric Topology****Prerequisites:** MATH 4613 or MATH 5003, MATH 5303.**Description:** Manifolds, complexes, the fundamental group, covering spaces, combinatorial group theory, the Seifert-Van Kampen theorem, and related topics.**Credit hours:** 3**Contact hours:** Lecture: 3 Contact: 3**Levels:** Graduate**Schedule types:** Lecture**Department/School:** Mathematics**MATH 5343 Introduction to Topology****Prerequisites:** MATH 4023 with a grade of "C" or better.**Description:** Topological spaces, basic point-set topology, introduction to surfaces and three-manifolds, introduction to knot theory, applications. May not be used for degree credit with MATH 4343.**Credit hours:** 3**Contact hours:** Lecture: 3 Contact: 3**Levels:** Graduate**Schedule types:** Lecture**Department/School:** Mathematics**MATH 5413 Differential Geometry****Prerequisites:** MATH 4013 or MATH 4143 or MATH 5043.**Description:** Differential manifolds, vector fields, differential forms, connections, Riemannian metrics, geodesics, completeness, curvature, and related topics.**Credit hours:** 3**Contact hours:** Lecture: 3 Contact: 3**Levels:** Graduate**Schedule types:** Lecture**Department/School:** Mathematics**MATH 5423 Geometry and Algorithms in Three-Dimensional Modeling****Prerequisites:** MATH 2163 and MATH 3013 and (CS 1113 or ENGR 1412) with grades of "C" or better.**Description:** A project-based introduction to 3D computer-aided design tools from a mathematical perspective. Students will learn some of the mathematical background behind computer representation and manipulation of 3D geometry and will apply their knowledge, via both graphical user and programming interfaces, to design and 3D-print models visualizing mathematical concepts. Written reports and oral presentation required. May not be used for degree credit with MATH 4423.**Credit hours:** 3**Contact hours:** Lecture: 3 Contact: 3**Levels:** Graduate**Schedule types:** Lecture**Department/School:** Mathematics**MATH 5453 Mathematical Interest Theory****Prerequisites:** MATH 2153 and MATH 2233 with grades of "C" or better.**Description:** Fundamental concepts of financial mathematics including simple and compound interest, inflation, yield rates, and equations of value for annuities, stocks, bonds, and other financial instruments. Determining equivalent measures of interest, determining yield rates, estimating rates of return, amortization. May not be used for degree credit with MATH 4453.**Credit hours:** 3**Contact hours:** Lecture: 3 Contact: 3**Levels:** Graduate**Schedule types:** Lecture**Department/School:** Mathematics**MATH 5473 Financial Calculus****Prerequisites:** MATH 4143 or MATH 5043, STAT 4203 or consent of instructor.**Description:** Introduction to derivative pricing and market derivatives. Introduction to the Ito-Doebelin calculus and martingales; the martingale properties of Brownian motion, the Black-Scholes-Merton theory as a simple, special case of martingale pricing, market models of modern fixed income pricing. Insurance, hedging, and options.**Credit hours:** 3**Contact hours:** Lecture: 3 Contact: 3**Levels:** Graduate**Schedule types:** Lecture**Department/School:** Mathematics**MATH 5503 Introduction to Optimization****Prerequisites:** MATH 2163 and MATH 3013 with grades of "C" or better.**Description:** A survey of optimization theory and methods for functions of several variables. Unconstrained optimization, gradient methods. Linear programming, simplex method, duality. Nonlinear constrained optimization. May not be used for degree credit with MATH 4553.**Credit hours:** 3**Contact hours:** Lecture: 3 Contact: 3**Levels:** Graduate**Schedule types:** Lecture**Department/School:** Mathematics

**MATH 5513 Introduction to Numerical Analysis**

**Prerequisites:** MATH 2233 and MATH 3013 with grades of "C" or better and knowledge of programming, or consent of instructor.

**Description:** Computer arithmetic and round-off errors, numerical solution to nonlinear equations, interpolation, numerical differentiation and integration, numerical solutions to ordinary differential equations, error analysis for numerical solutions and approximations. Additional topics may include direct and iterative solutions for linear systems of equations. May not be used for degree credit with MATH 4513 or CS 4513.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Graduate

**Schedule types:** Lecture

**Department/School:** Mathematics

**MATH 5543 Numerical Analysis for Differential Equations**

**Prerequisites:** MATH 4233, MATH 4513 or CS 4513.

**Description:** Advanced machine computing, algorithms, analysis of truncation and rounding errors, convergence and stability applied to discrete variables, finite elements, and spectral methods in ordinary and partial differential equations.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Graduate

**Schedule types:** Lecture

**Department/School:** Mathematics

**MATH 5553 Numerical Analysis for Linear Algebra**

**Prerequisites:** MATH 3013, and MATH 4513 or CS 4513.

**Description:** Advanced machine computing, algorithms, analysis of rounding errors, condition, convergence, and stability applied to direct and iterative solution of linear systems of equations, linear least squares problems, and algebraic eigenvalue problems, including LU and QR factorization, conjugate gradients, QR algorithm, and Lanczos method.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Graduate

**Schedule types:** Lecture

**Department/School:** Mathematics

**MATH 5563 Finite Element Methods for Partial Differential Equations**

**Prerequisites:** MATH 4023; MATH 4263; and MATH 4513 or CS 4513 or equivalent. MATH 4143 or MATH 5043 preferred.

**Description:** Theory and practice of finite element methods, including elliptic boundary value problems, weak formulations, the Ritz-Galerkin method, conforming and non-conforming finite elements, error estimates, and numerical experiments.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Graduate

**Schedule types:** Lecture

**Department/School:** Mathematics

**MATH 5580 Case Studies in Applied Mathematics**

**Prerequisites:** MATH 2233, MATH 4013, and knowledge of computer programming.

**Description:** Selected mathematical problems from industry. Independent problem-solving, oral presentation of solutions, and technical report writing. Seminar-style format. Offered for variable credit, 1-3 credit hours, maximum of 6 credit hours.

**Credit hours:** 1-3

**Contact hours:** Contact: 1-3 Other: 1-3

**Levels:** Graduate

**Schedule types:** Independent Study

**Department/School:** Mathematics

**MATH 5593 Methods of Applied Mathematics**

**Prerequisites:** MATH 2233, MATH 4013, and knowledge of computer programming.

**Description:** Continuous and discrete techniques in modern applied mathematics. Positive definite matrices, eigenvalues and dynamical systems, discrete and continuous equilibrium equations, least squares estimation and the Kalman filter, potential flow, calculus of variations, network flows, and combinatorics.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Graduate

**Schedule types:** Lecture

**Department/School:** Mathematics

**MATH 5613 Algebra I**

**Prerequisites:** MATH 4613 or MATH 5003.

**Description:** A rigorous treatment of classical results in group theory, ring theory, and field theory.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Graduate

**Schedule types:** Lecture

**Department/School:** Mathematics

**MATH 5623 Algebra II**

**Prerequisites:** MATH 5613.

**Description:** A rigorous treatment of classical results in module theory, multilinear algebra, and representation theory.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Graduate

**Schedule types:** Lecture

**Department/School:** Mathematics

**MATH 5673 Combinatorics**

**Prerequisites:** MATH 3013 with a grade of "C" or better.

**Description:** Introduction to graph theory and network theory, counting techniques, generating functions, recurrence relations, and difference equations. May not be used for degree credit with MATH 4663.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Graduate

**Schedule types:** Lecture

**Department/School:** Mathematics

**MATH 5713 Number Theory**

**Prerequisites:** MATH 3613 with a grade of "C" or better.

**Description:** Divisibility of integers, congruencies, quadratic residues, distribution of primes, continued fractions and the theory of ideals. May not be used for degree credit with MATH 4713.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Graduate

**Schedule types:** Lecture

**Department/School:** Mathematics

**MATH 5753 Introduction to Cryptography**

**Prerequisites:** MATH 3013 and (MATH 3613 or CS 3653) with grades of "C" or better.

**Description:** Classical and modern techniques for transmitting and managing information in the presence of eavesdroppers or adversaries and the mathematical principles on which they are based. Symmetric and asymmetric ciphers such as RSA and public key cryptography. Modular arithmetic, the factoring problem, and the discrete logarithm problem. May not be used for degree credit with MATH 4753.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Graduate

**Schedule types:** Lecture

**Department/School:** Mathematics

**MATH 5803 Groups and Representations**

**Prerequisites:** MATH 3013 and MATH 3613 with grades of "C" or better, or consent of instructor.

**Description:** An introduction to groups, group actions, symmetry groups, representations and characters. Further topics may include infinite symmetry groups, applications to chemistry and physics, finite isometry groups and geometry. May not be used for degree credit with MATH 4813.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Graduate

**Schedule types:** Lecture

**Department/School:** Mathematics

**MATH 5903 Seminar and Practicum in the Teaching of College Mathematics**

**Prerequisites:** Graduate standing in mathematics or consent of instructor.

**Description:** Foundations of college mathematics teaching, including lecturing, grading and exam preparation. Adapting classroom activities to better serve different types of learners. Current trends in mathematics education such as calculus reform, cooperative learning, and technology in the classroom. Previously offered as MATH 5902.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Graduate

**Schedule types:** Lecture

**Department/School:** Mathematics

**MATH 5913 Introduction to Research in Mathematics Education**

**Prerequisites:** MATH 3613 or MATH 4023 or equivalent.

**Description:** Examination and critique of research in mathematics education. A comparative study of research design, analysis, and reporting of both qualitative and quantitative research.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Graduate

**Schedule types:** Lecture

**Department/School:** Mathematics

**MATH 6000 Doctoral Research and Dissertation**

**Prerequisites:** Consent of advisory committee.

**Description:** Directed reading and research culminating in the PhD or EdD thesis. Offered for variable credit, 1-9 credit hours, maximum of 24 credit hours.

**Credit hours:** 1-9

**Contact hours:** Contact: 1-9 Other: 1-9

**Levels:** Graduate

**Schedule types:** Independent Study

**Department/School:** Mathematics

**MATH 6010 Advanced Seminar in Mathematics**

**Prerequisites:** Consent of instructor and student's advisory committee.

**Description:** Directed reading on advanced topics in mathematics. Offered for variable credit, 1-3 credit hours, maximum of 12 credit hours.

**Credit hours:** 1-3

**Contact hours:** Contact: 1-3 Other: 1-3

**Levels:** Graduate

**Schedule types:** Independent Study

**Department/School:** Mathematics

**MATH 6090 Doctoral Research Project**

**Prerequisites:** Consent of advisory committee.

**Description:** Directed reading and research culminating in preliminary doctoral research project. Offered for variable credit, 1-6 credit hours, maximum of 6 credit hours.

**Credit hours:** 1-6

**Contact hours:** Contact: 1-6 Other: 1-6

**Levels:** Graduate

**Schedule types:** Independent Study

**Department/School:** Mathematics

**MATH 6143 Functional Analysis I**

**Prerequisites:** MATH 4613 or MATH 5003 or MATH 5023, MATH 5153, MATH 5303.

**Description:** Theory of topological vector spaces including metrizable, consequences of completeness, Banach spaces, weak topologies, and convexity.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Graduate

**Schedule types:** Lecture

**Department/School:** Mathematics

**MATH 6213 Harmonic Analysis**

**Prerequisites:** MATH 5153, MATH 5283.

**Description:** Classical results giving connections among the size of a harmonic or analytic function on a complex domain, the existence and smoothness of its boundary values, and behavior of the Fourier series; selected extensions, related topics and applications.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Graduate

**Schedule types:** Lecture

**Department/School:** Mathematics



**MATH 6233 Advanced Partial Differential Equations****Prerequisites:** MATH 5233 or consent of instructor.**Description:** Schwarz class, tempered distributions, basic linear functional analysis, Holder spaces, Sobolev spaces, spaces involving time, Sobolev inequalities, existence and regularity theory of second-order elliptic, parabolic, and hyperbolic equations, semigroup theory.**Credit hours:** 3**Contact hours:** Lecture: 3 Contact: 3**Levels:** Graduate**Schedule types:** Lecture**Department/School:** Mathematics**MATH 6263 Potential Theory****Prerequisites:** MATH 5153 and MATH 5283.**Description:** Subharmonic and superharmonic functions, potentials, energy problems (including problems with external fields), equilibrium measures, capacities, Dirichlet problems, regularity, Green functions, harmonic measures, conformal mappings, and applications.**Credit hours:** 3**Contact hours:** Lecture: 3 Contact: 3**Levels:** Graduate**Schedule types:** Lecture**Department/School:** Mathematics**MATH 6283 Several Complex Variables****Prerequisites:** MATH 5283.**Description:** Elements of function theory of several complex variables, including extension phenomena, domains of holomorphy, notions of convexity, holomorphic maps, and complex analytic varieties.**Credit hours:** 3**Contact hours:** Lecture: 3 Contact: 3**Levels:** Graduate**Schedule types:** Lecture**Department/School:** Mathematics**MATH 6290 Topics in Analysis****Prerequisites:** Consent of instructor.**Description:** Advanced topics in analysis. Offered for variable credit, 1-3 credit hours, maximum of 9 credit hours.**Credit hours:** 1-3**Contact hours:** Contact: 1-3 Other: 1-3**Levels:** Graduate**Schedule types:** Independent Study**Department/School:** Mathematics**MATH 6323 Algebraic Topology I****Prerequisites:** MATH 5313.**Description:** Chain complexes, homology and cohomology groups, the Eilenberg-Steenrod axioms, Mayer-Vietoris sequences, universal coefficient theorems, the Eilenberg-Zilber theorem and Kunnet formulas, cup and cap products, and duality in manifolds.**Credit hours:** 3**Contact hours:** Lecture: 3 Contact: 3**Levels:** Graduate**Schedule types:** Lecture**Department/School:** Mathematics**MATH 6390 Topics in Topology****Prerequisites:** Consent of instructor.**Description:** Advanced topics in topology. Offered for variable credit, 1-3 credit hours, maximum of 9 credit hours.**Credit hours:** 1-3**Contact hours:** Contact: 1-3 Other: 1-3**Levels:** Graduate**Schedule types:** Independent Study**Department/School:** Mathematics**MATH 6433 Algebraic Geometry****Prerequisites:** MATH 5623.**Description:** Affine and projective varieties, dimension, algebraic curves, divisors and Riemann-Roch theorem for curves.**Credit hours:** 3**Contact hours:** Lecture: 3 Contact: 3**Levels:** Graduate**Schedule types:** Lecture**Department/School:** Mathematics**MATH 6453 Complex Geometry****Prerequisites:** MATH 5283.**Description:** Complex manifolds, analytic sheaves, differential forms, Dolbeault cohomology, Hodge theory, line bundles, divisors, Kodaira embedding, and vanishing.**Credit hours:** 3**Contact hours:** Lecture: 3 Contact: 3**Levels:** Graduate**Schedule types:** Lecture**Department/School:** Mathematics**MATH 6490 Topics in Geometry****Prerequisites:** Consent of instructor.**Description:** Advanced topics in geometry. Offered for variable credit, 1-3 credit hours, maximum of 9 credit hours.**Credit hours:** 1-3**Contact hours:** Contact: 1-3 Other: 1-3**Levels:** Graduate**Schedule types:** Independent Study**Department/School:** Mathematics**MATH 6513 Theoretical Numerical Analysis****Prerequisites:** MATH 5153, MATH 5543 or CS 5543, and MATH 5553 or CS 5553.**Description:** An advanced theoretical treatment based on function spaces and operator theory of algorithms for machine computing and analysis of errors.**Credit hours:** 3**Contact hours:** Lecture: 3 Contact: 3**Levels:** Graduate**Schedule types:** Lecture**Department/School:** Mathematics**MATH 6590 Topics in Applied Mathematics****Prerequisites:** Consent of instructor.**Description:** Advanced topics in applied mathematics. Offered for variable credit, 1-3 credit hours, maximum of 9 credit hours.**Credit hours:** 1-3**Contact hours:** Contact: 1-3 Other: 1-3**Levels:** Graduate**Schedule types:** Independent Study**Department/School:** Mathematics



**MATH 6613 Commutative Algebra****Prerequisites:** MATH 5623.**Description:** Commutative rings, exactness properties of modules, tensor products, integral dependence, chain conditions, completions, filtrations, local rings, dimension theory, and flatness.**Credit hours:** 3**Contact hours:** Lecture: 3 Contact: 3**Levels:** Graduate**Schedule types:** Lecture**Department/School:** Mathematics**MATH 6623 Homological Algebra****Prerequisites:** MATH 5623.**Description:** Closed and projective classes, resolution and derived functors, adjoint theorem, construction of projective classes in the categories of groups, rings and modules; categories, Abelian categories.**Credit hours:** 3**Contact hours:** Lecture: 3 Contact: 3**Levels:** Graduate**Schedule types:** Lecture**Department/School:** Mathematics**MATH 6690 Topics in Algebra****Prerequisites:** Consent of instructor.**Description:** Advanced topics in algebra. Offered for variable credit, 1-3 credit hours, maximum of 9 credit hours.**Credit hours:** 1-3**Contact hours:** Contact: 1-3 Other: 1-3**Levels:** Graduate**Schedule types:** Independent Study**Department/School:** Mathematics**MATH 6713 Analytic Number Theory****Prerequisites:** MATH 4283 or MATH 5283.**Description:** Arithmetic functions, Zeta and L functions, distribution of primes and introduction to modular forms.**Credit hours:** 3**Contact hours:** Lecture: 3 Contact: 3**Levels:** Graduate**Schedule types:** Lecture**Department/School:** Mathematics**MATH 6723 Algebraic Number Theory****Prerequisites:** MATH 5013 or MATH 5623.**Description:** Number fields, ideal theory, units, decomposition of primes, quadratic and cyclotomic fields, introduction to local fields.**Credit hours:** 3**Contact hours:** Lecture: 3 Contact: 3**Levels:** Graduate**Schedule types:** Lecture**Department/School:** Mathematics**MATH 6790 Topics in Number Theory****Prerequisites:** Consent of instructor.**Description:** Advanced topics in number theory. Offered for variable credit, 1-3 credit hours, maximum of 9 credit hours.**Credit hours:** 1-3**Contact hours:** Contact: 1-3 Other: 1-3**Levels:** Graduate**Schedule types:** Independent Study**Department/School:** Mathematics**MATH 6813 Lie Groups and Representations****Prerequisites:** MATH 4153 or MATH 5053, MATH 4613 or MATH 5003, MATH 5303.**Description:** Differentiable manifolds, vector fields, Lie groups, exponential map, homogeneous spaces, representations of compact Lie groups, and maximal tori.**Credit hours:** 3**Contact hours:** Lecture: 3 Contact: 3**Levels:** Graduate**Schedule types:** Lecture**Department/School:** Mathematics**MATH 6823 Lie Algebras****Prerequisites:** MATH 5013 and MATH 5023.**Description:** Matrix groups, Lie algebras, root systems, structure of semisimple Lie algebras, universal enveloping algebra, and representations of lie algebras.**Credit hours:** 3**Contact hours:** Lecture: 3 Contact: 3**Levels:** Graduate**Schedule types:** Lecture**Department/School:** Mathematics**MATH 6890 Topics in Representation Theory****Prerequisites:** Consent of instructor.**Description:** Advanced topics in representation theory. Offered for variable credit, 1-3 credit hours, maximum of 9 credit hours.**Credit hours:** 1-3**Contact hours:** Contact: 1-3 Other: 1-3**Levels:** Graduate**Schedule types:** Independent Study**Department/School:** Mathematics**MATH 6923 Research in Undergraduate Mathematics Education****Prerequisites:** MATH 5913.**Description:** Continuation of MATH 5913 with an emphasis on design of research in undergraduate mathematics education. Development of research questions, review of the literature, data collection and analysis, development and evaluation of research proposals, reporting research results.**Credit hours:** 3**Contact hours:** Lecture: 3 Contact: 3**Levels:** Graduate**Schedule types:** Lecture**Department/School:** Mathematics**MATH 6990 Topics in Collegiate Mathematics Education****Prerequisites:** Consent of instructor.**Description:** Advanced topics in collegiate mathematics education. Offered for variable credit, 1-3 credit hours, maximum of 9 credit hours.**Credit hours:** 1-3**Contact hours:** Contact: 1-3 Other: 1-3**Levels:** Graduate**Schedule types:** Independent Study**Department/School:** Mathematics

## Undergraduate Programs

- Mathematics, BA (p. 1420)
- Mathematics, BS (p. 1423)
- Mathematics: Actuarial and Financial Mathematics, BS (p. 1427)
- Mathematics: Applied Mathematics, BS (p. 1430)
- Mathematics: Pre-Law, BS (p. 1434)

- Mathematics: Pre-Medical Sciences, BS (p. 1437)
- Mathematics: Secondary Teacher Certification, BS (p. 1440)

## Graduate Programs

The Department of Mathematics offers programs leading to the Master of Science and Doctor of Philosophy degrees.

## Prerequisites

A student beginning graduate study in mathematics is expected to have had, as an undergraduate, at least 18 semester hours in mathematics beyond elementary integral calculus including courses in differential equations, linear algebra, modern algebra and modern analysis. An applicant whose preparation is deficient may be admitted to the program, if otherwise qualified, but will be required to correct the deficiency, increasing somewhat the time required to complete work for the degree. Prospective graduate students are advised to take at least introductory courses in related fields such as physics, statistics and computer science.

## The Master of Science Degree

The department offers three tracks in the Master of Science degree, computational and applied mathematics, mathematics education and pure mathematics. Each degree requires 33 credit hours of graduate course work in mathematics or related subjects. Two of these hours are waived if a master's thesis is written. Each student must have a grade of "A" or "B" in 18 hours of core coursework.

## The Doctor of Philosophy Degree

The department offers three tracks for the PhD degree: applied mathematics, mathematics education and pure mathematics. Admission to the PhD program is granted only to students with superior records in their previous graduate or undergraduate study. A minimum of 90 semester credit hours of graduate credit beyond the bachelor's degree or 60 hours of beyond the master's degree is required for the PhD degree. Each student has an individual doctoral committee that advises the student in the formulation of an approved plan of study for the degree. Each student must have a grade of "A" or "B" in 15 hours of core coursework, complete a preliminary research project, and pass a qualifying exam.

The most important requirement for the PhD degree is the preparation of an acceptable dissertation. This dissertation must demonstrate the candidate's ability to do independent, original work in mathematics, or mathematics education.

## Minors

- Actuarial Science (ACSC), Minor (p. 1418)
- Mathematics (MATH), Minor (p. 1419)

## Faculty

Christopher Francisco, PhD—Professor and Head

**Regents Professor:** Alan Adolphson, PhD (emeritus); William Jaco, PhD (Grayce B. Kerr Chair); Jiahong Wu, PhD (AT&T Professor)

**Professors:** Douglas B. Aichele, EdD (emeritus); Dale E. Alspach, PhD (emeritus); Leticia Barchini, PhD; Dennis Bertholf, PhD (emeritus); Birne Binegar, PhD; Herman Burchard, PhD (emeritus); James R. Choike, PhD (emeritus); Bruce C. Crauder, PhD; Benny Evans, PhD (emeritus); Amit Ghosh, PhD; Anthony Kable, PhD; Marvin S. Keener, PhD (emeritus);

JaEun Ku, PhD; Weiping Li, PhD; Lisa A. Mantini, PhD; J. Robert Myers, PhD; Alan Noell, PhD; Michael Oehrtman, PhD (Noble Professor); Igor Pritsker, PhD (Vaughn Professor); David J. Ullrich, PhD (emeritus); John Wolfe, PhD (emeritus); David J. Wright, PhD; Roger Zierau, PhD

**Associate Professors:** Mahdi Asgari, PhD; Paul Fili, PhD; Ning Ju, PhD; Jiří Lebl, PhD; Jeffrey Mermin, PhD; Edward Richmond, PhD; Jay Schweig, PhD; Henry Segerman, PhD

**Assistant Professors:** John Paul Cook, PhD; Sean Curry, PhD; John Doyle, PhD; Neil Hoffman, PhD; Anand Patel, PhD; Michael Tallman, PhD; Xukai Yan, PhD; Xu Zhang, PhD

**Teaching Assistant Professors:** Lee Ann Brown, MS; Allison Dorko, PhD; Detelin Dosev, PhD; Cynthia Francisco, MS; Melissa Mills, PhD; Donna Rae Tree, MS

## Actuarial Science (ACSC), Minor

**Requirements for Students Matriculating in or before Academic Year 2022-2023.** Learn more about University Academic Regulation 3.1 (p. 943).

**Minimum Grade-Point Average:** 2.50 with no grade below "C."

**Total Hours:** 28

Code	Title	Hours
<b>Required Courses</b>		
ACCT 2003	Survey of Accounting <sup>1</sup>	3
ECON 2103	Introduction to Microeconomics (S) <sup>1</sup>	3
FIN 3113	Finance <sup>1, 2</sup>	3
MATH 2144	Calculus I (A)	4
MATH 2153	Calculus II (A)	3
MATH 2163	Calculus III	3
MATH 2233	Differential Equations	3
MATH 4453	Mathematical Interest Theory <sup>2</sup>	3
STAT 4203	Mathematical Statistics I <sup>2</sup>	3
<b>Total Hours</b>		<b>28</b>

1

Courses intended to meet the Society of Actuaries VEE (Validation by Educational Experience) requirements should be completed with a grade of "B" or better.

2

All upper-division courses must be completed at OSU.

## Additional OSU Requirements

### Undergraduate Minors

- An undergraduate minor must include between fifteen and thirty hours, inclusive of undergraduate coursework.
- A minimum of six credit hours for the minor must be earned in residence at OSU.
- The courses required for a minor may be included in the course requirements for any undergraduate degree or they may be in addition to degree requirements, depending on the overlap between the minor and degree requirements. However, an undergraduate minor must be earned in an academic field other than the student's declared degree option. The minor may not duplicate the degree major or option (for example, a student who earns a BA in Art with an Art History option may earn a minor in Studio Art but not Art History).
- A student generally follows the minor requirements associated with his or her matriculation year or newer requirements that have been established since matriculation. The time limit for following requirements from a given academic year is six years.

For additional information on requirements on minors, click here (<https://adminfinance.okstate.edu/site-files/documents/policies/requirements-for-undergraduate-and-graduate-minors.pdf>).

## Mathematics (MATH), Minor

**Requirements for Students Matriculating in or before Academic Year 2022-2023.** Learn more about University Academic Regulation 3.1 (p. 943).

**Britney Mann**, 401 MSCS, 405-744-5688

**Minimum Grade Point Average in Minor Coursework:** 2.00 with no grade below "C."

**Total Hours:** 22

Code	Title	Hours
<b>Minor Requirements</b>		
MATH 2144	Calculus I (A)	4
MATH 2153	Calculus II (A)	3
MATH 2163	Calculus III	3
Select 12 hours of MATH for which Calculus II (MATH 2153) is a prerequisite. <sup>1</sup>		12
<b>Total Hours</b>		<b>22</b>

<sup>1</sup>

9 hours must be upper-division; 3 hours must be at the 4000-level. MATH 3303 Advanced Perspectives on Functions and Modeling for Secondary Teachers is not permitted.

## Additional OSU Requirements

### Undergraduate Minors

- An undergraduate minor must include between fifteen and thirty hours, inclusive of undergraduate coursework.
- A minimum of six credit hours for the minor must be earned in residence at OSU.
- The courses required for a minor may be included in the course requirements for any undergraduate degree or they may be in addition to degree requirements, depending on the overlap between the minor and degree requirements. However, an undergraduate minor must be earned in an academic field other than the student's declared degree option. The minor may not duplicate the degree major or option (for example, a student who earns a BA in Art with an Art History option may earn a minor in Studio Art but not Art History).
- A student generally follows the minor requirements associated with his or her matriculation year or newer requirements that have been established since matriculation. The time limit for following requirements from a given academic year is six years.

For additional information on requirements on minors, click here (<https://adminfinance.okstate.edu/site-files/documents/policies/requirements-for-undergraduate-and-graduate-minors.pdf>).

# Mathematics, BA

## Degree Requirements

**Requirements for Students Matriculating in or before Academic Year 2022-2023.** Learn more about University Academic Regulation 3.1 (p. 943).

**Minimum Overall Grade Point Average:** 2.00

**Total Hours:** 120

Code	Title	Hours
<b>General Education Requirements</b>		
<i>English Composition</i>		
See Academic Regulation 3.5 (p. 944)		
ENGL 1113	Composition I	3
or ENGL 1313	Critical Analysis and Writing I	
Select one of the following:		3
ENGL 1213	Composition II	
ENGL 1413	Critical Analysis and Writing II	
ENGL 3323	Technical Writing	
<i>American History &amp; Government</i>		
HIST 1103	Survey of American History	3
or HIST 1483	American History to 1865 (H)	
or HIST 1493	American History Since 1865 (DH)	
POLS 1113	American Government	3
<i>Analytical &amp; Quantitative Thought (A)</i>		
MATH 2144	Calculus I (A) <sup>1</sup>	4
CS 1103	Computer Programming (A) <sup>1</sup>	3
or CS 1113	Computer Science I (A)	
<i>Humanities (H)</i>		
Courses designated (H)		6
<i>Natural Sciences (N)</i>		
Must include one Laboratory Science (L) course		
PHYS 1114	College Physics I (LN) <sup>1</sup>	4
or PHYS 2014	University Physics I (LN)	
Course designated (N)		2
<i>Social &amp; Behavioral Sciences (S)</i>		
Course designated (S)		3
<i>Additional General Education</i>		
Courses designated (A), (H), (N), or (S)		6
<b>Hours Subtotal</b>		<b>40</b>
<b>Diversity (D) &amp; International Dimension (I)</b>		
May be completed in any part of the degree plan		
Select at least one Diversity (D) course		
Select at least one International Dimension (I) course		
<b>College/Departmental Requirements</b>		
<i>First Year Seminar</i>		
(Transfer students with 15 hours exempt)		1
<i>Arts &amp; Humanities</i>		
See note 2.a.		9
<i>Natural &amp; Mathematical Sciences</i>		
MATH 2153	Calculus II (A)	3
<i>Foreign Language</i>		

See note 3		9
<i>Non-Western Studies</i>		
At least one course		
See note 2.d.		
<i>Upper-Division General Education</i>		
Select 6 hours outside major department		
See note 2.c.		
<b>Hours Subtotal</b>		<b>22</b>
<b>Major Requirements</b>		
Minimum grade of "C" or "P" required in each course		
<i>Major Foundation</i>		
MATH 2163	Calculus III	3
MATH 2233	Differential Equations	3
MATH 3013	Linear Algebra (A)	3
MATH 3613	Introduction to Abstract Algebra	3
Select 3 hours of the following:		3
STAT 4013	Statistical Methods I (A)	
STAT 4033	Engineering Statistics	
STAT 4053	Statistical Methods I for the Social Sciences (A)	
Select 3 hours of the following:		3
MATH 3583	Introduction to Mathematical Modeling	
MATH 3933	Research Methods	
MATH 4423	Geometry and Algorithms in Three-Dimensional Modeling	
<i>Tracks</i>		
Select one track (p. 1420)		24
<b>Hours Subtotal</b>		<b>42</b>
<b>Electives</b>		
Select 16 hours		16
May need to include 6 hours upper-division general education outside major department (see note 2.c.) and 4 additional upper division hours		
MATH 1513 and MATH 1813 required for students who do not place directly into MATH 2144.		
<b>Hours Subtotal</b>		<b>16</b>
<b>Total Hours</b>		<b>120</b>

1

College and Departmental requirements that may be used to meet General Education requirements.

## Tracks

### General Track

Code	Title	Hours
Select 6 hours of the following:		6
MATH 4023	Introduction to Analysis	
MATH 4063	Advanced Linear Algebra	
MATH 4083	Intermediate Analysis	
MATH 4143	Advanced Calculus I	
MATH 4153	Advanced Calculus II	
MATH 4343	Introduction to Topology	
MATH 4403	Geometry	

MATH 4603	Intermediate Abstract Algebra	
MATH 4613	Abstract Algebra I	
MATH 4623	Abstract Algebra II	
MATH 4713	Number Theory	
MATH 4753	Introduction to Cryptography	
MATH 4813	Groups and Representations	
Select 9 hours of MATH courses numbered 4000 or above		9
Select 3 hours of 4000-level courses in MATH or STAT or upper-division CS or PHYS		3
Select 6 hours of upper division courses in any field		6

## Preparation for Graduate Study Track

Code	Title	Hours
MATH 4023	Introduction to Analysis	3
MATH 4063	Advanced Linear Algebra	3
MATH 4283	Complex Variables	3
Select 9 hours of the following, with at least 3 hours from each group:		9
<i>Algebra and Discrete Math</i>		
MATH 4603	Intermediate Abstract Algebra	
MATH 4613	Abstract Algebra I <sup>2</sup>	
MATH 4623	Abstract Algebra II	
MATH 4663	Combinatorics	
MATH 4713	Number Theory	
MATH 4753	Introduction to Cryptography	
MATH 4813	Groups and Representations	
<i>Analysis</i>		
MATH 4013	Calculus of Several Variables	
MATH 4083	Intermediate Analysis	
MATH 4143	Advanced Calculus I <sup>2</sup>	
MATH 4153	Advanced Calculus II	
Select 3 hours from one of the following groups:		3
<i>Geometry or Topology</i>		
MATH 4343	Introduction to Topology	
MATH 4403	Geometry	
MATH 5413	Differential Geometry	
<i>Applied Math</i>		
MATH 4233	Intermediate Differential Equations	
MATH 4263	Introduction to Partial Differential Equations	
MATH 4513	Introduction to Numerical Analysis	
MATH 4553	Introduction to Optimization	
Select 3 hours of 4000-level courses in MATH or STAT		3

2

Recommended as preparation for doctoral study.

## Other Requirements

- See the College of Arts and Sciences Requirements.
- **Upper-Division Credit:** Total hours must include at least 40 hours in courses numbered 3000 or above.
- **Hours in One Department:** For B.A. and B.S. degrees, no more than 54 hours in one department may be applied to degree requirements.

## College of Arts and Sciences Requirements

### 1. General Education Requirements

No more than two courses (or eight hours) from the major department (<http://catalog.okstate.edu/college-arts-sciences-major-departments/>) may be used to meet General Education and College and Departmental Requirements. The General Education required English Composition, required U.S. History, required American Government, one required MATH or STAT course, and required foreign language for B.A. degrees do not count against the two-course maximum.

### 2. A&S College/Departmental Requirements

- Arts and Humanities are defined as any course carrying an (H) designation or courses from AMST, ART, DANC, ENGL (except ENGL 3323 Technical Writing) HIST, MUSI, PHIL (except PHIL 1313 Logic and Critical Thinking (A), PHIL 3003 Symbolic Logic (A) and PHIL 4003 Mathematical Logic and Computability), REL, TH, and foreign languages.
- Natural and Mathematical Sciences are defined as any course from the following prefixes: ASTR, BIOC, BIOL, CHEM, CS (except CS 4883 Social Issues in Computing), GEOL, MATH, MICR, PBIO, PHYS, and STAT; or courses from other departments that carry an (A) or (N) general education designation.
- The required six hours of upper-division General Education may not include courses from the student's major department. This requirement may be satisfied by courses also used to satisfy any part of a student's degree program (i.e., in General Education, College Departmental Requirements, Major Requirements or Electives).
- Non-Western Studies Requirement for B.A. and B.F.A.; One 3-hour course in Non-Western Studies (N.W.). This requirement may be satisfied by courses also used to satisfy any part of a student's degree program (i.e., in General Education, College Departmental Requirements, Major Requirements or Electives).
- The College of Arts & Sciences requires a minimum 2.0 GPA in all major requirements and a minimum 2.0 GPA in all major-prefix courses applied to the degree.

### 3. Foreign Language Proficiency

- The foreign language requirement for the B.A. may be satisfied by 9 hours college credit in the same language, which must include 3 hours at the 2000-level, or equivalent proficiency (e.g., passing an advanced standing examination; TOEFL exam; presenting a high school transcript which demonstrates the high school was primarily conducted in a language other than English; etc.). Computer Science courses may not be used to satisfy this requirement. Currently Arabic and Mvskoke are not offered at the 2000-level at OSU.
- The foreign language requirement for the B.S., B.M. and B.F.A. may be satisfied by presenting a high school transcript which demonstrates two years of study of a single foreign language (passing grades at second-year level of study). It may also be satisfied by 6 hours college credit in the same language, which must include language courses 1713 and 1813, or equivalent proficiency (e.g., passing an advanced standing examination; TOEFL exam; presenting a high school transcript which demonstrates the high school was primarily conducted in a language other than English; etc.). Computer Science courses may not be used to satisfy this requirement.



- c. In addition to a. and b., students pursuing teacher certification must meet novice-high foreign language proficiency by presenting a high school transcript which demonstrates two years of study of a single foreign language with no grade below B. Or, students may complete 3 hours college credit in a single language with no grade below C (or pass an advanced standing examination, College Level Examination Program (CLEP) exam, or Oral Proficiency Interview developed by the American Council on the Teaching of Foreign Languages, equivalent to 3 hours of college credit.) Or, students may meet the requirement by transfer of documentation of meeting the foreign language competency from one of the teacher education programs in the State of Oklahoma approved by the Oklahoma State Regents for Higher Education.

#### 4. Exclusions

- Courses used to satisfy the General Education English Composition, U.S. History, American Government, and Mathematics or Statistics requirements will not count toward the 54-hour maximum allowed from one department.
- Courses with ATHL or LEIS prefixes and leisure activity courses may not be used for degree credit.

## Additional State/OSU Requirements

- At least: 60 hours at a four-year institution; 30 hours completed at OSU; 15 of the final 30 or 50% of the upper-division hours in the major field completed at OSU.
- Limit of: one-half of major course requirements as transfer work; one-fourth of hours earned by correspondence; 8 transfer correspondence hours.
- Students will be held responsible for degree requirements in effect at the time of matriculation and any changes that are made, so long as these changes do not result in semester credit hours being added or do not delay graduation.
- Degrees that follow this plan must be completed by the end of Summer 2028.

## Example Plan of Study Finish in Four Plan of Study

The plan below is an example of how students can successfully complete degree requirements in four years. This suggested class schedule plan may be used as a guide and can be adjusted based on individual needs. Students are required to meet with an academic advisor prior to enrollment each semester to plan their class schedule, and students are ultimately responsible for completing all degree requirements.

Course	Title	Hours
<b>Freshman</b>		
<b>Fall</b>		
ENGL 1113 or ENGL 1313	Composition I or Critical Analysis and Writing I	3
MATH 2144	Calculus I (A)	4
General Education courses		7
<b>Hours</b>		<b>14</b>
<b>Spring</b>		
ENGL 1213 or ENGL 1413	Composition II or Critical Analysis and Writing II	3
MATH 2153	Calculus II (A)	3
General Education courses		10
<b>Hours</b>		<b>16</b>

### Sophomore

<b>Fall</b>		
MATH 2163	Calculus III	3
PHYS 1114 or PHYS 2014	College Physics I (LN) or University Physics I (LN)	4
General Education courses		9
<b>Hours</b>		<b>16</b>

<b>Spring</b>		
MATH 2233	Differential Equations	3
MATH 3013	Linear Algebra (A)	3
PHYS 1214 or PHYS 2114	College Physics II (LN) or University Physics II (LN)	4
College and Elective courses		4
<b>Hours</b>		<b>14</b>

### Junior

<b>Fall</b>		
MATH 3613	Introduction to Abstract Algebra	3
1713 First Semester Foreign Language		3
Major, College, and Elective courses		9
<b>Hours</b>		<b>15</b>

<b>Spring</b>		
MATH 4023	Introduction to Analysis	3
1813 Second Semester Foreign Language		3
Major, College, and Elective courses		9
<b>Hours</b>		<b>15</b>

<b>Senior</b>		
<b>Fall</b>		
2000-level Foreign Language		3
Major, College, and Elective courses		12
<b>Hours</b>		<b>15</b>

<b>Spring</b>		
Major, College, and Elective courses		15
<b>Hours</b>		<b>15</b>
<b>Total Hours</b>		<b>120</b>

# Mathematics, BS

## Degree Requirements

**Requirements for Students Matriculating in or before Academic Year 2022-2023.** Learn more about University Academic Regulation 3.1 (p. 943).

**Minimum Overall Grade Point Average: 2.00**

**Total Hours: 120**

Code	Title	Hours
<b>General Education Requirements</b>		
<i>English Composition</i>		
See Academic Regulation 3.5 (p. 944)		
ENGL 1113	Composition I	3
or ENGL 1313	Critical Analysis and Writing I	
Select one of the following:		3
ENGL 1213	Composition II	
ENGL 1413	Critical Analysis and Writing II	
ENGL 3323	Technical Writing	
<i>American History &amp; Government</i>		
HIST 1103	Survey of American History	3
or HIST 1483	American History to 1865 (H)	
or HIST 1493	American History Since 1865 (DH)	
POLS 1113	American Government	3
<i>Analytical &amp; Quantitative Thought (A)</i>		
MATH 2144	Calculus I (A) <sup>1</sup>	4
CS 1103	Computer Programming (A) <sup>1</sup>	3
or CS 1113	Computer Science I (A)	
<i>Humanities (H)</i>		
Courses designated (H)		6
<i>Natural Sciences (N)</i>		
Must include one Laboratory Science (L) course		
PHYS 1114	College Physics I (LN) <sup>1</sup>	4
or PHYS 2014	University Physics I (LN)	
Course designated (N)		2
<i>Social &amp; Behavioral Sciences (S)</i>		
Course designated (S)		3
<i>Additional General Education</i>		
Courses designated (A), (H), (N), or (S)		6
<b>Hours Subtotal</b>		<b>40</b>
<b>Diversity (D) &amp; International Dimension (I)</b>		
May be completed in any part of the degree plan		
Select at least one Diversity (D) course		
Select at least one International Dimension (I) course		
<b>College/Departmental Requirements</b>		
<i>First Year Seminar</i>		
(Transfer students with 15 hours exempt)		1
<i>Arts &amp; Humanities</i>		
See note 2.a.		3
<i>Natural &amp; Mathematical Sciences</i>		
MATH 2153	Calculus II (A)	3
PHYS 1214	College Physics II (LN)	4

or PHYS 2114 University Physics II (LN)

Select two additional hours 2

See note 2.b.

*Foreign Language*

See note 3

0-6 hours

*Upper-Division General Education*

Select 6 hours outside major department

See note 2.c.

**Hours Subtotal 13**

**Major Requirements**

A minimum grade of "C" or "P" required in each course. Minimum 2.0 GPA in all MATH courses.

*Major Foundation*

MATH 2163 Calculus III 3

MATH 2233 Differential Equations 3

MATH 3013 Linear Algebra (A) 3

MATH 3613 Introduction to Abstract Algebra 3

Select one of the following: 3

MATH 3583 Introduction to Mathematical Modeling

MATH 3933 Research Methods

MATH 4423 Geometry and Algorithms in Three-Dimensional Modeling

Select one of the following: 3

STAT 4013 Statistical Methods I (A)

STAT 4033 Engineering Statistics

STAT 4053 Statistical Methods I for the Social Sciences (A)

*Tracks*

Select one track (p. 1424) 24

**Hours Subtotal 42**

**Electives**

Select 25 hours <sup>2</sup> 25

May need to include 6 hours of a foreign language. (see note 3.)

May need to include 6 hours upper-division general education outside major department (see note 2.c.) and 4 additional upper division hours

MATH 1513 and MATH 1813 required for students who do not place directly into MATH 2144.

**Hours Subtotal 25**

**Total Hours 120**

1

College and Departmental Requirements that may be used to meet General Education requirements.

2

With departmental approval, up to 30 hours from an accredited doctoral law or health program may be substituted for these areas.

## Tracks

### General Track

Code	Title	Hours
MATH 4023	Introduction to Analysis	3
Select 12 hours of the following:		12
MATH 4013	Calculus of Several Variables	
MATH 4063	Advanced Linear Algebra	
MATH 4083	Intermediate Analysis	
MATH 4143	Advanced Calculus I	
MATH 4153	Advanced Calculus II	
MATH 4233	Intermediate Differential Equations	
MATH 4263	Introduction to Partial Differential Equations	
MATH 4283	Complex Variables	
MATH 4343	Introduction to Topology	
MATH 4403	Geometry	
MATH 4423	Geometry and Algorithms in Three-Dimensional Modeling	
MATH 4453	Mathematical Interest Theory	
MATH 4513	Introduction to Numerical Analysis	
MATH 4553	Introduction to Optimization	
MATH 4603	Intermediate Abstract Algebra	
MATH 4613	Abstract Algebra I	
MATH 4623	Abstract Algebra II	
MATH 4663	Combinatorics	
MATH 4713	Number Theory	
MATH 4753	Introduction to Cryptography	
MATH 4813	Groups and Representations	
MATH 5213	Fourier Analysis and Wavelets	
Select 3 hours of 4000-level courses in MATH or STAT or upper-division CS or PHYS		3
Select 6 hours of upper division courses in any field <sup>2</sup>		6

2

With departmental approval, up to 30 hours from an accredited doctoral law or health program may be substituted for these areas.

### Applications Track

Code	Title	Hours
MATH 4233	Intermediate Differential Equations	3
or MATH 4263	Introduction to Partial Differential Equations	
MATH 4513	Introduction to Numerical Analysis	3
or MATH 4553	Introduction to Optimization	
Select 9 hours of the following:		9
MATH 4013	Calculus of Several Variables	
MATH 4023	Introduction to Analysis	
MATH 4063	Advanced Linear Algebra	
MATH 4083	Intermediate Analysis	
MATH 4143	Advanced Calculus I	
MATH 4263	Introduction to Partial Differential Equations	
MATH 4283	Complex Variables	
MATH 4343	Introduction to Topology	

MATH 4423	Geometry and Algorithms in Three-Dimensional Modeling	
MATH 4453	Mathematical Interest Theory	
MATH 4553	Introduction to Optimization	
MATH 4663	Combinatorics	
MATH 4713	Number Theory	
MATH 4753	Introduction to Cryptography	
MATH 4813	Groups and Representations	
MATH 5213	Fourier Analysis and Wavelets	
STAT 4203	Mathematical Statistics I	
Select 3 hours of 4000-level courses in MATH or STAT or upper division courses in CS, PHYS, CHE, ECEN, ENGR, ENSC, IEM, or MAE		3
Select 6 hours of upper-division AGECE, BIOL, CHEM, CS, ECON, FIN, GEOG, GEOL, MICR, P BIO, PHYS, CHE, ECEN, ENGR, ENSC, IEM, or MAE		6

### Preparation for Graduate Study Track

Code	Title	Hours
MATH 4023	Introduction to Analysis	3
MATH 4063	Advanced Linear Algebra	3
MATH 4283	Complex Variables	3
Select 9 hours of the following, with at least 3 hours from each group:		9
<i>Algebra and Discrete Math</i>		
MATH 4603	Intermediate Abstract Algebra	
MATH 4613	Abstract Algebra I <sup>3</sup>	
MATH 4623	Abstract Algebra II	
MATH 4663	Combinatorics	
MATH 4713	Number Theory	
MATH 4813	Groups and Representations	
<i>Analysis</i>		
MATH 4013	Calculus of Several Variables	
MATH 4083	Intermediate Analysis	
MATH 4143	Advanced Calculus I <sup>3</sup>	
MATH 4153	Advanced Calculus II	
Select one of the following:		3
<i>Geometry or Topology</i>		
MATH 4343	Introduction to Topology	
MATH 4403	Geometry	
MATH 5413	Differential Geometry	
<i>Applied Math</i>		
MATH 4233	Intermediate Differential Equations	
MATH 4263	Introduction to Partial Differential Equations	
MATH 4513	Introduction to Numerical Analysis	
MATH 4553	Introduction to Optimization	
Select 3 hours of 4000-level courses in MATH or STAT		3

3

Recommended as preparation for doctoral study.

## Other Requirements

- See the College of Arts and Sciences Requirements.
- **Upper-Division Credit:** Total hours must include at least 40 hours in courses numbered 3000 or above.
- **Hours in One Department:** For B.A. and B.S. degrees, no more than 54 hours in one department may be applied to degree requirements.

## College of Arts and Sciences Requirements

### 1. General Education Requirements

No more than two courses (or eight hours) from the major department (<http://catalog.okstate.edu/college-arts-sciences-major-departments/>) may be used to meet General Education and College and Departmental Requirements. The General Education required English Composition, required U.S. History, required American Government, one required MATH or STAT course, and required foreign language for B.A. degrees do not count against the two-course maximum.

### 2. A&S College/Departmental Requirements

- Arts and Humanities are defined as any course carrying an (H) designation or courses from AMST, ART, DANC, ENGL (except ENGL 3323 Technical Writing) HIST, MUSI, PHIL (except PHIL 1313 Logic and Critical Thinking (A), PHIL 3003 Symbolic Logic (A) and PHIL 4003 Mathematical Logic and Computability), REL, TH, and foreign languages.
- Natural and Mathematical Sciences are defined as any course from the following prefixes: ASTR, BIOC, BIOL, CHEM, CS (except CS 4883 Social Issues in Computing), GEOL, MATH, MICR, PBIO, PHYS, and STAT; or courses from other departments that carry an (A) or (N) general education designation.
- The required six hours of upper-division General Education may not include courses from the student's major department. This requirement may be satisfied by courses also used to satisfy any part of a student's degree program (i.e., in General Education, College Departmental Requirements, Major Requirements or Electives).
- Non-Western Studies Requirement for B.A. and B.F.A.; One 3-hour course in Non-Western Studies (N.W.). This requirement may be satisfied by courses also used to satisfy any part of a student's degree program (i.e., in General Education, College Departmental Requirements, Major Requirements or Electives).
- The College of Arts & Sciences requires a minimum 2.0 GPA in all major requirements and a minimum 2.0 GPA in all major-prefix courses applied to the degree.

### 3. Foreign Language Proficiency

- The foreign language requirement for the B.A. may be satisfied by 9 hours college credit in the same language, which must include 3 hours at the 2000-level, or equivalent proficiency (e.g., passing an advanced standing examination; TOEFL exam; presenting a high school transcript which demonstrates the high school was primarily conducted in a language other than English; etc.). Computer Science courses may not be used to satisfy this requirement. Currently Arabic and Mvskoke are not offered at the 2000-level at OSU.
- The foreign language requirement for the B.S., B.M. and B.F.A. may be satisfied by presenting a high school transcript which demonstrates two years of study of a single foreign language (passing grades at second-year level of study). It may also

be satisfied by 6 hours college credit in the same language, which must include language courses 1713 and 1813, or equivalent proficiency (e.g., passing an advanced standing examination; TOEFL exam; presenting a high school transcript which demonstrates the high school was primarily conducted in a language other than English; etc.). Computer Science courses may not be used to satisfy this requirement.

- In addition to a. and b., students pursuing teacher certification must meet novice-high foreign language proficiency by presenting a high school transcript which demonstrates two years of study of a single foreign language with no grade below B. Or, students may complete 3 hours college credit in a single language with no grade below C (or pass an advanced standing examination, College Level Examination Program (CLEP) exam, or Oral Proficiency Interview developed by the American Council on the Teaching of Foreign Languages, equivalent to 3 hours of college credit.) Or, students may meet the requirement by transfer of documentation of meeting the foreign language competency from one of the teacher education programs in the State of Oklahoma approved by the Oklahoma State Regents for Higher Education.

### 4. Exclusions

- Courses used to satisfy the General Education English Composition, U.S. History, American Government, and Mathematics or Statistics requirements will not count toward the 54-hour maximum allowed from one department.
- Courses with ATHL or LEIS prefixes and leisure activity courses may not be used for degree credit.

## Additional State/OSU Requirements

- At least: 60 hours at a four-year institution; 30 hours completed at OSU; 15 of the final 30 or 50% of the upper-division hours in the major field completed at OSU.
- Limit of: one-half of major course requirements as transfer work; one-fourth of hours earned by correspondence; 8 transfer correspondence hours.
- Students will be held responsible for degree requirements in effect at the time of matriculation and any changes that are made, so long as these changes do not result in semester credit hours being added or do not delay graduation.
- Degrees that follow this plan must be completed by the end of Summer 2028.

## Example Plan of Study

### Finish in Four Plan of Study

The plan below is an example of how students can successfully complete degree requirements in four years. This suggested class schedule plan may be used as a guide and can be adjusted based on individual needs. Students are required to meet with an academic advisor prior to enrollment each semester to plan their class schedule, and students are ultimately responsible for completing all degree requirements.

Course	Title	Hours
<b>Freshman</b>		
<b>Fall</b>		
ENGL 1113 or ENGL 1313	Composition I or Critical Analysis and Writing I	3
MATH 2144	Calculus I (A)	4

General Education courses		7
<b>Hours</b>		<b>14</b>
<b>Spring</b>		
ENGL 1213 or ENGL 1413	Composition II or Critical Analysis and Writing II	3
MATH 2153	Calculus II (A)	3
General Education courses		10
<b>Hours</b>		<b>16</b>
<b>Sophomore</b>		
<b>Fall</b>		
MATH 2163	Calculus III	3
PHYS 1114 or PHYS 2014	College Physics I (LN) or University Physics I (LN)	4
General Education courses		9
<b>Hours</b>		<b>16</b>
<b>Spring</b>		
MATH 2233	Differential Equations	3
MATH 3013	Linear Algebra (A)	3
PHYS 1214 or PHYS 2114	College Physics II (LN) or University Physics II (LN)	4
College and Elective courses		4
<b>Hours</b>		<b>14</b>
<b>Junior</b>		
<b>Fall</b>		
MATH 3613	Introduction to Abstract Algebra	3
Major, College, and Elective courses		12
<b>Hours</b>		<b>15</b>
<b>Spring</b>		
MATH 4023	Introduction to Analysis	3
Major, College, and Elective courses		12
<b>Hours</b>		<b>15</b>
<b>Senior</b>		
<b>Fall</b>		
Major, College, and Elective courses		15
<b>Hours</b>		<b>15</b>
<b>Spring</b>		
Major, College, and Elective courses		15
<b>Hours</b>		<b>15</b>
<b>Total Hours</b>		<b>120</b>

1

Speak with academic advisor about saving General Education electives and Humanities (H) for Upper-division courses with International (I) and Diversity (D) dimensions.

# Mathematics: Actuarial and Financial Mathematics, BS

## Degree Requirements

**Requirements for Students Matriculating in or before Academic Year 2022-2023.** Learn more about University Academic Regulation 3.1 (p. 943).

**Minimum Overall Grade Point Average: 2.50**

**Total Hours: 120**

Code	Title	Hours
<b>General Education Requirements</b>		
<i>English Composition</i>		
See Academic Regulation 3.5 (p. 944)		
ENGL 1113 or ENGL 1313	Composition I Critical Analysis and Writing I	3
Select one of the following:		3
ENGL 1213	Composition II	
ENGL 1413	Critical Analysis and Writing II	
ENGL 3323	Technical Writing	
<i>American History &amp; Government</i>		
HIST 1103 or HIST 1483 or HIST 1493	Survey of American History American History to 1865 (H) American History Since 1865 (DH)	3
POLS 1113	American Government	3
<i>Analytical &amp; Quantitative Thought (A)</i>		
MATH 2144	Calculus I (A) <sup>1</sup>	4
CS 1103 or CS 1113	Computer Programming (A) <sup>1</sup> Computer Science I (A)	3
<i>Humanities (H)</i>		
Courses designated (H)		6
<i>Natural Sciences (N)</i>		
Must include one Laboratory Science (L) course		
PHYS 1114 or PHYS 2014	College Physics I (LN) <sup>1</sup> University Physics I (LN)	4
Course designated (N)		2
<i>Social &amp; Behavioral Sciences (S)</i>		
ECON 2103	Introduction to Microeconomics (S) <sup>1,2</sup>	3
<i>Additional General Education</i>		
Courses designated (A), (H), (N), or (S)		6
<b>Hours Subtotal</b>		<b>40</b>
<b>Diversity (D) &amp; International Dimension (I)</b>		
May be completed in any part of the degree plan		
Select at least one Diversity (D) course		
Select at least one International Dimension (I) course		
<b>College/Departmental Requirements</b>		
<i>First Year Seminar</i>		
(Transfer students with 15 hours exempt)		1
<i>Arts &amp; Humanities</i>		
See note 2.a.		3
<i>Natural &amp; Mathematical Sciences</i>		
MATH 2153	Calculus II (A)	3

MATH 2163	Calculus III	3
STAT 4013 or STAT 4053	Statistical Methods I (A) Statistical Methods I for the Social Sciences (A)	3

### Foreign Language

See note 3

0-6 hours

### Upper-Division General Education

Select 6 hours outside major department

See note 2.c.

**Hours Subtotal** **13**

### Major Requirements

Minimum GPA 2.50 and minimum grade of "C" or "P" in each course in Major Requirements.

#### Mathematics Core

Select 3 hours of the following: 3

CS 1113	Computer Science I (A)	
ENGR 1412	Introductory Engineering Computer Programming	
STAT 4091	Sas Programming	
STAT 4191	R Programming	
STAT 4193	SAS and R Programming	
MATH 2233	Differential Equations	3
MATH 3013	Linear Algebra (A)	3
MATH 3613 or MATH 4023	Introduction to Abstract Algebra Introduction to Analysis	3
MATH 3583	Introduction to Mathematical Modeling	3
MATH 4453	Mathematical Interest Theory	3
STAT 4203	Mathematical Statistics I	3

Select 9 hours of the following: 9

MATH 4013	Calculus of Several Variables	
MATH 4023	Introduction to Analysis	
MATH 4063	Advanced Linear Algebra	
MATH 4083	Intermediate Analysis	
MATH 4143	Advanced Calculus I	
MATH 4233	Intermediate Differential Equations	
MATH 4263	Introduction to Partial Differential Equations	
MATH 4283	Complex Variables	
MATH 4513	Introduction to Numerical Analysis	
MATH 4553	Introduction to Optimization	
MATH 4663	Combinatorics	
MATH 4753	Introduction to Cryptography	
MATH 5473	Financial Calculus	
STAT 4213	Mathematical Statistics II <sup>2</sup>	

Select 3 hours of the following: 3

ECON 4213	Econometric Methods	
ECON 4223	Business and Economic Forecasting	
STAT 4043	Applied Regression Analysis	
4000-level MATH or STAT		

#### Professional Requirements

ACCT 2003	Survey of Accounting <sup>2</sup>	3
ECON 2203	Introduction to Macroeconomics <sup>2</sup>	3
FIN 3113	Finance <sup>2</sup>	3



FIN 4223	Investments	3
FIN 4333	Financial Management	3
or FIN 4763	Financial Futures and Options Markets	
or FIN 4843	Risk Management	
Select 3 hours of the following:		3
4000-level course in MATH or STAT		
STAT 5053	Time Series Analysis	
Upper-division AGEC, ECON, or FIN		
MSIS 3103	End User Database Systems Design and Management <sup>3</sup>	
MSIS 3393	Advanced Spreadsheet Modeling and Programming <sup>3</sup>	
<b>Hours Subtotal</b>		<b>51</b>
<b>Electives</b>		
Select 16 hours		16
May need to include 6 hours of a foreign language. (see note 3)		
May need to include 6 hours upper-division general education outside major department (see note 2.c.).		
MATH 1513 and MATH 1813 required for students who do not place directly into MATH 2144.		
Recommended:		
FIN 3613	General Insurance	
BCOM 3113	Written Communication	
or BCOM 3223	Oral Communication	
or SPCH 3723	Business and Professional Communication	
MSIS 2103	Business Data Science Technologies <sup>3</sup>	
MKTG 3213	Marketing (S) <sup>4</sup>	
MGMT 3013	Fundamentals of Management (S) <sup>4</sup>	
<b>Hours Subtotal</b>		<b>16</b>
<b>Total Hours</b>		<b>120</b>

1

College and Departmental Requirements that may be used to meet General Education requirements.

2

Minimum grade of B required for the Society of Actuaries' Validation by Educational Experience (VEE) certification.

3

MSIS 2103 is required when MSIS 3103 or 3393 are selected.

4

These courses should be selected when including pre-MBA preparation.

## Other Requirements

- See the College of Arts and Sciences Requirements.
- Minimum grade of "C" or "P" in all MATH courses.
- **Upper-Division Credit:** Total hours must include at least 40 hours in courses numbered 3000 or above.
- **Hours in One Department:** For B.A. and B.S. degrees, no more than 54 hours in one department may be applied to degree requirements.

## College of Arts and Sciences Requirements

### 1. General Education Requirements

No more than two courses (or eight hours) from the major department (<http://catalog.okstate.edu/college-arts-sciences-major-departments/>) may be used to meet General Education and College and Departmental Requirements. The General Education required English Composition, required U.S. History, required American Government, one required MATH or STAT course, and required foreign language for B.A. degrees do not count against the two-course maximum.

### 2. A&S College/Departmental Requirements

- Arts and Humanities are defined as any course carrying an (H) designation or courses from AMST, ART, DANC, ENGL (except ENGL 3323 Technical Writing) HIST, MUSI, PHIL (except PHIL 1313 Logic and Critical Thinking (A), PHIL 3003 Symbolic Logic (A) and PHIL 4003 Mathematical Logic and Computability), REL, TH, and foreign languages.
- Natural and Mathematical Sciences are defined as any course from the following prefixes: ASTR, BIOC, BIOL, CHEM, CS (except CS 4883 Social Issues in Computing), GEOL, MATH, MICR, PBIO, PHYS, and STAT; or courses from other departments that carry an (A) or (N) general education designation.
- The required six hours of upper-division General Education may not include courses from the student's major department. This requirement may be satisfied by courses also used to satisfy any part of a student's degree program (i.e., in General Education, College Departmental Requirements, Major Requirements or Electives).
- Non-Western Studies Requirement for B.A. and B.F.A.; One 3-hour course in Non-Western Studies (N.W.). This requirement may be satisfied by courses also used to satisfy any part of a student's degree program (i.e., in General Education, College Departmental Requirements, Major Requirements or Electives).
- The College of Arts & Sciences requires a minimum 2.0 GPA in all major requirements and a minimum 2.0 GPA in all major-prefix courses applied to the degree.

### 3. Foreign Language Proficiency

- The foreign language requirement for the B.A. may be satisfied by 9 hours college credit in the same language, which must include 3 hours at the 2000-level, or equivalent proficiency (e.g., passing an advanced standing examination; TOEFL exam; presenting a high school transcript which demonstrates the high school was primarily conducted in a language other than English; etc.). Computer Science courses may not be used to satisfy this requirement. Currently Arabic and Mvskoke are not offered at the 2000-level at OSU.
- The foreign language requirement for the B.S., B.M. and B.F.A. may be satisfied by presenting a high school transcript which demonstrates two years of study of a single foreign language (passing grades at second-year level of study). It may also be satisfied by 6 hours college credit in the same language, which must include language courses 1713 and 1813, or equivalent proficiency (e.g., passing an advanced standing examination; TOEFL exam; presenting a high school transcript which demonstrates the high school was primarily conducted in a language other than English; etc.). Computer Science courses may not be used to satisfy this requirement.

- c. In addition to a. and b., students pursuing teacher certification must meet novice-high foreign language proficiency by presenting a high school transcript which demonstrates two years of study of a single foreign language with no grade below B. Or, students may complete 3 hours college credit in a single language with no grade below C (or pass an advanced standing examination, College Level Examination Program (CLEP) exam, or Oral Proficiency Interview developed by the American Council on the Teaching of Foreign Languages, equivalent to 3 hours of college credit.) Or, students may meet the requirement by transfer of documentation of meeting the foreign language competency from one of the teacher education programs in the State of Oklahoma approved by the Oklahoma State Regents for Higher Education.

#### 4. Exclusions

- Courses used to satisfy the General Education English Composition, U.S. History, American Government, and Mathematics or Statistics requirements will not count toward the 54-hour maximum allowed from one department.
- Courses with ATHL or LEIS prefixes and leisure activity courses may not be used for degree credit.

## Additional State/OSU Requirements

- At least: 60 hours at a four-year institution; 30 hours completed at OSU; 15 of the final 30 or 50% of the upper-division hours in the major field completed at OSU.
- Limit of: one-half of major course requirements as transfer work; one-fourth of hours earned by correspondence; 8 transfer correspondence hours.
- Students will be held responsible for degree requirements in effect at the time of matriculation and any changes that are made, so long as these changes do not result in semester credit hours being added or do not delay graduation.
- Degrees that follow this plan must be completed by the end of Summer 2028.

## Example Plan of Study

### Finish in Four Plan of Study

The plan below is an **example** of how students can successfully complete degree requirements in four years. This suggested class schedule plan may be used as a guide and can be adjusted based on individual needs. Students are required to meet with an academic advisor prior to enrollment each semester to plan their class schedule, and students are ultimately responsible for completing all degree requirements.

Course	Title	Hours
<b>Freshman</b>		
<b>Fall</b>		
ENGL 1113 or ENGL 1313	Composition I or Critical Analysis and Writing I	3
MATH 2144	Calculus I (A)	4
General Education courses		7
<b>Hours</b>		<b>14</b>
<b>Spring</b>		
ENGL 1213 or ENGL 1413	Composition II or Critical Analysis and Writing II	3
MATH 2153	Calculus II (A)	3
General Education courses		9
<b>Hours</b>		<b>15</b>

### Sophomore

<b>Fall</b>		
MATH 2163	Calculus III	3
PHYS 1114 or PHYS 2014	College Physics I (LN) or University Physics I (LN)	4
STAT 4013	Statistical Methods I (A)	3
ACCT 2003	Survey of Accounting	3
General Education courses		3
<b>Hours</b>		<b>16</b>
<b>Spring</b>		
MATH 2233	Differential Equations	3
MATH 3013	Linear Algebra (A)	3
PHYS 1214 or PHYS 2114	College Physics II (LN) or University Physics II (LN)	4
ECON 2103	Introduction to Microeconomics (S)	3
College and Elective courses		3
<b>Hours</b>		<b>16</b>

### Junior

<b>Fall</b>		
MATH 3613	Introduction to Abstract Algebra	3
STAT 4203	Mathematical Statistics I	3
ECON 2203	Introduction to Macroeconomics	3
Major, College, and Elective courses		6
<b>Hours</b>		<b>15</b>

<b>Spring</b>		
MATH 4023	Introduction to Analysis	3
MATH 4453	Mathematical Interest Theory	3
FIN 3113	Finance	3
Major, College, and Elective courses		6
<b>Hours</b>		<b>15</b>

### Senior

<b>Fall</b>		
FIN 4223	Investments	3
Major, College, and Elective courses		12
<b>Hours</b>		<b>15</b>
<b>Spring</b>		
Major, College, and Elective courses		14
<b>Hours</b>		<b>14</b>
<b>Total Hours</b>		<b>120</b>

# Mathematics: Applied Mathematics, BS

## Degree Requirements

**Requirements for Students Matriculating in or before Academic Year 2022-2023.** Learn more about University Academic Regulation 3.1 (p. 943).

**Minimum Overall Grade Point Average: 2.00**

**Total Hours: 120**

Code	Title	Hours
<b>General Education Requirements</b>		
<i>English Composition</i>		
See Academic Regulation 3.5 (p. 944)		
ENGL 1113 or ENGL 1313	Composition I Critical Analysis and Writing I	3
Select one of the following: 3		
ENGL 1213	Composition II	
ENGL 1413	Critical Analysis and Writing II	
ENGL 3323	Technical Writing	
<i>American History &amp; Government</i>		
HIST 1103 or HIST 1483 or HIST 1493	Survey of American History American History to 1865 (H) American History Since 1865 (DH)	3
POLS 1113	American Government	3
<i>Analytical &amp; Quantitative Thought (A)</i>		
MATH 2144	Calculus I (A) <sup>1</sup>	4
CS 1113	Computer Science I (A) <sup>1</sup>	3
<i>Humanities (H)</i>		
Courses designated (H)		6
<i>Natural Sciences (N)</i>		
Must include one Laboratory Science (L) course		
PHYS 2014	University Physics I (LN) <sup>1</sup>	4
Course designated (N)		2
<i>Social &amp; Behavioral Sciences (S)</i>		
ECON 2103 or AGECE 1113	Introduction to Microeconomics (S) <sup>1</sup> Introduction to Agricultural Economics (S)	3
<i>Additional General Education</i>		
Courses designated (A), (H), (N), or (S)		7
<b>Hours Subtotal</b>		<b>41</b>
<b>Diversity (D) &amp; International Dimension (I)</b>		
May be completed in any part of the degree plan		
Select at least one Diversity (D) course		
Select at least one International Dimension (I) course		
<b>College/Departmental Requirements</b>		
<i>First Year Seminar</i>		
(Transfer students with 15 hours exempt)		1
<i>Arts &amp; Humanities</i>		
See note 2.a.		3
<i>Natural &amp; Mathematical Sciences</i>		
MATH 2153	Calculus II (A)	3
PHYS 2114	University Physics II (LN)	4

Select 2 additional hours. See note 2.b.		2
<i>Foreign Language</i>		
See note 3		
0-6 hours		
<i>Upper-Division General Education</i>		
Select 6 hours outside major department		
See note 2.c.		
<b>Hours Subtotal</b>		<b>13</b>
<b>Major Requirements</b>		
Minimum GPA 2.00 with a minimum grade of "C" or "P" in each course in Major Requirements.		
<i>Mathematics Core</i>		
MATH 2163	Calculus III	3
MATH 2233	Differential Equations	3
MATH 3013	Linear Algebra (A)	3
MATH 3613 or MATH 4023	Introduction to Abstract Algebra Introduction to Analysis	3
Select 3 hours of the following:		3
CS 1103	Computer Programming (A)	
CS 2133	Computer Science II	
CS 2433	C/C++ Programming	
ENGR 1412	Introductory Engineering Computer Programming	
STAT 4091	Sas Programming	
STAT 4191	R Programming	
STAT 4193	SAS and R Programming	
Select 3 hours from the following:		3
STAT 4013	Statistical Methods I (A)	
STAT 4033	Engineering Statistics	
STAT 4053	Statistical Methods I for the Social Sciences (A)	
MATH 3583	Introduction to Mathematical Modeling	3
MATH 4513 or MATH 4553	Introduction to Numerical Analysis Introduction to Optimization	3
MATH 4233 or MATH 4263	Intermediate Differential Equations Introduction to Partial Differential Equations	3
Select 9 hours from the following, with at least 3 hours of MATH from each group:		9
Analysis:		
MATH 4013	Calculus of Several Variables	
MATH 4023	Introduction to Analysis	
MATH 4083	Intermediate Analysis	
MATH 4143	Advanced Calculus I	
MATH 4263	Introduction to Partial Differential Equations	
MATH 4283	Complex Variables	
MATH 4343	Introduction to Topology	
MATH 4423	Geometry and Algorithms in Three-Dimensional Modeling	
MATH 5213	Fourier Analysis and Wavelets	
STAT 4203	Mathematical Statistics I	
Applied Algebra/Discrete Math:		
MATH 4063	Advanced Linear Algebra	

MATH 4453	Mathematical Interest Theory	
MATH 4553	Introduction to Optimization	
MATH 4663	Combinatorics	
MATH 4713	Number Theory	
MATH 4753	Introduction to Cryptography	
MATH 4813	Groups and Representations	
CS 3653	Discrete Mathematics for Computer Science	
Select 3 hours of 4000-level courses in MATH or STAT or upper division CS		3
<i>Areas of Application</i>		
Select 9 hours from one Area of Application (p. 1431) <sup>2</sup>		9
<i>Capstone</i>		
Select 3 hours from a project or internship applying mathematical methods to a problem in the area of application:		3
MATH 4973	Senior Thesis	
MATH 4993	Senior Honors Thesis	
MATH 4590	Professional Practice in Mathematics (with approval of instructor and internship mentor)	
<b>Hours Subtotal</b>		<b>51</b>
<b>Electives</b>		
Select 15 hours		15
May need to include 6 hours of a foreign language (see note 3)		
May need to include 6 hours upper-division general education outside major department (see note 2.c.) and 1 additional upper division hour		
MATH 1513 and MATH 1813 required for students who do not place directly into MATH 2144.		
<b>Hours Subtotal</b>		<b>15</b>
<b>Total Hours</b>		<b>120</b>

1

College and Departmental Requirements that may be used to meet General Education requirements.

2

An alternative 9 hour plan with at least 6 upper division hours may be used with Departmental approval.

3

If Bioinformatics is selected, additional required courses BIOL 1114, CHEM 1314, and MICR 2132 may be used to meet Additional General Education, Natural and Mathematical Sciences, or Elective requirements.

## Area of Application

### Agricultural Economics

Code	Title	Hours
AGEC 3213	Quantitative Methods in Agricultural Economics	3
AGEC 3333	Agricultural Marketing and Price Analysis	3
AGEC 4213	Advanced Quantitative Methods in Agricultural Economics	3
or AGEC 4333	Commodity Futures Markets	

## Bioinformatics

Code	Title	Hours
MICR 2123	Introduction to Microbiology <sup>3</sup>	3
MICR 3033	Cell and Molecular Biology	3
MICR 4203	Bioinformatics	3

## Cognitive Sciences

Code	Title	Hours
CS 4793	Artificial Intelligence I	3
Select one of the following:		
PHIL 4003	Mathematical Logic and Computability	
PHIL 4313	Philosophy of Mind (H)	
PHIL 4543	Philosophy of Language	
PSYC 3173	Introduction to Cognitive Science (N)	3

## Data Science

Code	Title	Hours
MSIS 2103	Business Data Science Technologies	3
MSIS 3223	Principles of Data Analytics	3
MSIS 3103	End User Database Systems Design and Management	3
or MSIS 3333	Database Systems Development	

## Economics

Code	Title	Hours
ECON 2203	Introduction to Macroeconomics	3
ECON 3113	Intermediate Microeconomics	3
or ECON 3123	Intermediate Macroeconomics	
Select 3 hours of upper division ECON		3

## Energy Finance

Code	Title	Hours
ACCT 2003	Survey of Accounting	3
FIN 3113	Finance	3
Select 3 hours from the following:		
ECON 4113	Energy Economics: Traditional and Renewable Energy Markets	
FIN 4003	Introduction to Energy Business	
FIN 4363	Energy Finance	

## Finance

Code	Title	Hours
ACCT 2003	Survey of Accounting	3
FIN 3113	Finance	3
Select 3 hours of the following:		
FIN 4223	Investments	
FIN 4333	Financial Management	
FIN 4763	Financial Futures and Options Markets	
FIN 4843	Risk Management	

## Geographic Information Science

Code	Title	Hours
GEOG 4203	Fundamentals of Geographic Information Systems	3

GEOG 4343	Geographic Information Systems: Resource Management Applications	3
or GEOG 4353	Geographic Information Systems: Socioeconomic Applications	
Select 3 hours of the following:		3
GEOG 3333	Spatial Analysis (A)	
GEOG 4333	Remote Sensing	
GEOG 4383	Introduction to GIS Programming	

## Geophysical Analysis

Code	Title	Hours
ENSC 2113	Statics	3
ENSC 3233	Fluid Mechanics	3
GEOL 4103	Introduction to Geophysical Exploration	3

## Operations Research

Code	Title	Hours
IEM 3103	Probability and Statistics for Engineers I	3
IEM 3703	Probability and Statistics for Engineers II	3
IEM 4013	Operations Research	3

## Physics

Code	Title	Hours
PHYS 2203	University Physics III	3
Select 6 hours of upper-division PHYS		6

## Other Requirements

- See the College of Arts and Sciences Requirements.
- Minimum grade of "C" or "P" in all required MATH courses.
- **Upper-Division Credit:** Total hours must include at least 40 hours in courses numbered 3000 or above.
- **Hours in One Department:** For B.A. and B.S. degrees, no more than 54 hours in one department may be applied to degree requirements.

## College of Arts and Sciences Requirements

### 1. General Education Requirements

No more than two courses (or eight hours) from the major department (<http://catalog.okstate.edu/college-arts-sciences-major-departments/>) may be used to meet General Education and College and Departmental Requirements. The General Education required English Composition, required U.S. History, required American Government, one required MATH or STAT course, and required foreign language for B.A. degrees do not count against the two-course maximum.

### 2. A&S College/Departmental Requirements

- Arts and Humanities are defined as any course carrying an (H) designation or courses from AMST, ART, DANC, ENGL (except ENGL 3323 Technical Writing) HIST, MUSI, PHIL (except PHIL 1313 Logic and Critical Thinking (A), PHIL 3003 Symbolic Logic (A) and PHIL 4003 Mathematical Logic and Computability), REL, TH, and foreign languages.
- Natural and Mathematical Sciences are defined as any course from the following prefixes: ASTR, BIOC, BIOL, CHEM, CS (except CS 4883 Social Issues in Computing), GEOL, MATH, MICR, PBIO,

PHYS, and STAT; or courses from other departments that carry an (A) or (N) general education designation.

- The required six hours of upper-division General Education may not include courses from the student's major department. This requirement may be satisfied by courses also used to satisfy any part of a student's degree program (i.e., in General Education, College Departmental Requirements, Major Requirements or Electives).
- Non-Western Studies Requirement for B.A. and B.F.A.; One 3-hour course in Non-Western Studies (N.W.). This requirement may be satisfied by courses also used to satisfy any part of a student's degree program (i.e., in General Education, College Departmental Requirements, Major Requirements or Electives).
- The College of Arts & Sciences requires a minimum 2.0 GPA in all major requirements and a minimum 2.0 GPA in all major-prefix courses applied to the degree.

### 3. Foreign Language Proficiency

- The foreign language requirement for the B.A. may be satisfied by 9 hours college credit in the same language, which must include 3 hours at the 2000-level, or equivalent proficiency (e.g., passing an advanced standing examination; TOEFL exam; presenting a high school transcript which demonstrates the high school was primarily conducted in a language other than English; etc.). Computer Science courses may not be used to satisfy this requirement. Currently Arabic and Mvskoke are not offered at the 2000-level at OSU.
- The foreign language requirement for the B.S., B.M. and B.F.A. may be satisfied by presenting a high school transcript which demonstrates two years of study of a single foreign language (passing grades at second-year level of study). It may also be satisfied by 6 hours college credit in the same language, which must include language courses 1713 and 1813, or equivalent proficiency (e.g., passing an advanced standing examination; TOEFL exam; presenting a high school transcript which demonstrates the high school was primarily conducted in a language other than English; etc.). Computer Science courses may not be used to satisfy this requirement.
- In addition to a. and b., students pursuing teacher certification must meet novice-high foreign language proficiency by presenting a high school transcript which demonstrates two years of study of a single foreign language with no grade below B. Or, students may complete 3 hours college credit in a single language with no grade below C (or pass an advanced standing examination, College Level Examination Program (CLEP) exam, or Oral Proficiency Interview developed by the American Council on the Teaching of Foreign Languages, equivalent to 3 hours of college credit.) Or, students may meet the requirement by transfer of documentation of meeting the foreign language competency from one of the teacher education programs in the State of Oklahoma approved by the Oklahoma State Regents for Higher Education.

### 4. Exclusions

- Courses used to satisfy the General Education English Composition, U.S. History, American Government, and Mathematics or Statistics requirements will not count toward the 54-hour maximum allowed from one department.
- Courses with ATHL or LEIS prefixes and leisure activity courses may not be used for degree credit.

## Additional State/OSU Requirements

- At least: 60 hours at a four-year institution; 30 hours completed at OSU; 15 of the final 30 or 50% of the upper-division hours in the major field completed at OSU.
- Limit of: one-half of major course requirements as transfer work; one-fourth of hours earned by correspondence; 8 transfer correspondence hours.
- Students will be held responsible for degree requirements in effect at the time of matriculation and any changes that are made, so long as these changes do not result in semester credit hours being added or do not delay graduation.
- Degrees that follow this plan must be completed by the end of Summer 2028.

### Senior

#### Fall

Major, College, and Elective courses	15
<b>Hours</b>	<b>15</b>

#### Spring

Major, College, and Elective courses	15
<b>Hours</b>	<b>15</b>
<b>Total Hours</b>	<b>120</b>

## Example Plan of Study

### Finish in Four Plan of Study

The plan below is an **example** of how students can successfully complete degree requirements in four years. This suggested class schedule plan may be used as a guide and can be adjusted based on individual needs. Students are required to meet with an academic advisor prior to enrollment each semester to plan their class schedule, and students are ultimately responsible for completing all degree requirements.

Course	Title	Hours
<b>Freshman</b>		
<b>Fall</b>		
ENGL 1113 or ENGL 1313	Composition I or Critical Analysis and Writing I	3
MATH 2144	Calculus I (A)	4
General Education courses		7
<b>Hours</b>		<b>14</b>
<b>Spring</b>		
ENGL 1213 or ENGL 1413	Composition II or Critical Analysis and Writing II	3
MATH 2153	Calculus II (A)	3
General Education courses		10
<b>Hours</b>		<b>16</b>
<b>Sophomore</b>		
<b>Fall</b>		
MATH 2163	Calculus III	3
PHYS 1114 or PHYS 2014	College Physics I (LN) or University Physics I (LN)	4
General Education courses		9
<b>Hours</b>		<b>16</b>
<b>Spring</b>		
MATH 2233	Differential Equations	3
MATH 3013	Linear Algebra (A)	3
PHYS 1214 or PHYS 2114	College Physics II (LN) or University Physics II (LN)	4
College and Elective courses		4
<b>Hours</b>		<b>14</b>
<b>Junior</b>		
<b>Fall</b>		
MATH 3613	Introduction to Abstract Algebra	3
Major, College, and Elective courses		12
<b>Hours</b>		<b>15</b>
<b>Spring</b>		
MATH 4023	Introduction to Analysis	3
Major, College, and Elective courses		12
<b>Hours</b>		<b>15</b>



## Mathematics: Pre-Law, BS

### Degree Requirements

**Requirements for Students Matriculating in or before Academic Year 2022-2023.** Learn more about University Academic Regulation 3.1 (p. 943).

**Minimum Overall Grade Point Average:** 2.50

**Total Hours:** 120

Code	Title	Hours
<b>General Education Requirements</b>		
<i>English Composition</i>		
See Academic Regulation 3.5 (p. 944)		
ENGL 1113	Composition I	3
or ENGL 1313	Critical Analysis and Writing I	
Select one of the following:		3
ENGL 1213	Composition II	
ENGL 1413	Critical Analysis and Writing II	
ENGL 3323	Technical Writing	
<i>American History &amp; Government</i>		
HIST 1103	Survey of American History	3
or HIST 1483	American History to 1865 (H)	
or HIST 1493	American History Since 1865 (DH)	
POLS 1113	American Government	3
<i>Analytical &amp; Quantitative Thought (A)</i>		
MATH 2144	Calculus I (A) <sup>1</sup>	4
CS 1103	Computer Programming (A) <sup>1</sup>	3
or CS 1113	Computer Science I (A)	
<i>Humanities (H)</i>		
Courses designated (H)		6
<i>Natural Sciences (N)</i>		
Must include one Laboratory Science (L) course		
PHYS 1114	College Physics I (LN) <sup>1</sup>	4
or PHYS 2014	University Physics I (LN)	
Course designated (N)		2
<i>Social &amp; Behavioral Sciences (S)</i>		
ECON 2103	Introduction to Microeconomics (S) <sup>1</sup>	3
<i>Additional General Education</i>		
Courses designated (A), (H), (N), or (S)		7
<b>Hours Subtotal</b>		<b>41</b>
<b>Diversity (D) &amp; International Dimension (I)</b>		
May be completed in any part of the degree plan		
Select at least one Diversity (D) course		
Select at least one International Dimension (I) course		
<b>College/Departmental Requirements</b>		
<i>First Year Seminar</i>		
(Transfer students with 15 hours exempt)		1
<i>Arts &amp; Humanities</i>		
See note 2.a.		3
<i>Natural &amp; Mathematical Sciences</i>		
MATH 2153	Calculus II (A)	3
MATH 2163	Calculus III	3

STAT 4013	Statistical Methods I (A)	3
or STAT 4053	Statistical Methods I for the Social Sciences (A)	
<i>Foreign Language</i>		
See note 3		
0-6 hours		
<i>Upper-Division General Education</i>		
Select 6 hours outside major department		
See note 2.c.		
<b>Hours Subtotal</b>		<b>13</b>
<b>Major Requirements</b>		
A minimum grade of "C" or "P" is required in each course.		
<i>Mathematics Core</i>		
MATH 2233	Differential Equations	3
MATH 3013	Linear Algebra (A)	3
MATH 3613	Introduction to Abstract Algebra	3
MATH 4023	Introduction to Analysis	3
MATH 4663	Combinatorics	3
Select 3 hours of the following:		3
MATH 3583	Introduction to Mathematical Modeling	
MATH 3933	Research Methods	
MATH 4423	Geometry and Algorithms in Three-Dimensional Modeling	
Select 9 hours of the following:		9
MATH 4013	Calculus of Several Variables	
MATH 4063	Advanced Linear Algebra	
MATH 4083	Intermediate Analysis	
MATH 4143	Advanced Calculus I	
MATH 4153	Advanced Calculus II	
MATH 4233	Intermediate Differential Equations	
MATH 4263	Introduction to Partial Differential Equations	
MATH 4283	Complex Variables	
MATH 4343	Introduction to Topology	
MATH 4403	Geometry	
MATH 4423	Geometry and Algorithms in Three-Dimensional Modeling	
MATH 4453	Mathematical Interest Theory	
MATH 4513	Introduction to Numerical Analysis	
MATH 4553	Introduction to Optimization	
MATH 4603	Intermediate Abstract Algebra	
MATH 4613	Abstract Algebra I	
MATH 4623	Abstract Algebra II	
MATH 4713	Number Theory	
MATH 4753	Introduction to Cryptography	
MATH 4813	Groups and Representations	
STAT 4203	Mathematical Statistics I	
Select 3 hours of the following:		3
4000-level MATH or STAT		
ECON 4213	Econometric Methods	
ECON 4223	Business and Economic Forecasting	
Upper-division CS or PHYS		
<i>Pre-Law Preparation</i> <sup>2</sup>		
ACCT 2003	Survey of Accounting	3

ENGL 3323	Technical Writing	3
SPCH 3733	Elements of Persuasion (S)	3
Select 9 hours, including 6 upper division hours, of the following:		9
AGEC 3713	Agricultural Law	
ECON 2203	Introduction to Macroeconomics	
ECON 3113	Intermediate Microeconomics	
ECON 3123	Intermediate Macroeconomics	
ECON 3213	Game Theory and Experimental Economics	
ECON 3313	Money and Banking	
ECON 3423	Public Finance	
ECON 3823	American Economy: The Past and Present (S)	
ENGR 4113	Intellectual Property Law for Technical Professionals (S)	
FIN 3113	Finance	
HIST 4513	Economic History of the US (S)	
HONR 2013	Honors Law and Legal Institutions (S)	
LSB 3213	Legal and Regulatory Environment of Business	
MGMT 3013	Fundamentals of Management (S) <sup>3</sup>	
MKTG 3213	Marketing (S) <sup>3</sup>	
PHIL 3413	Ethical Theory (H)	
PHIL 3843	Philosophy of Law (H)	
POLS 2023	The Individual And The Law	
POLS 3983	Courts and Judicial Process (S)	
POLS 3993	Legal Research And Analysis	
POLS 4963	U.S. Constitution: Civil Rights and Civil Liberties	
POLS 4973	U.S. Constitution: Separation of Powers	
PSYC 4143	Psychology and Law	
SOC 4033	Comparative Perspectives of Criminal Justice Systems (IS)	
SOC 4313	Sociology of Law	

**Hours Subtotal** **48**

#### Electives

Select 18 hours <sup>2</sup> 18

May need to include 6 hours of a foreign language. See note 3

May need to include 6 hours upper-division general education outside major department (see note 2.c.)

MATH 1513 and MATH 1813 required for students who do not place directly into MATH 2144.

Recommended courses:

PSYC 1113	Introductory Psychology (S)	
SOC 1113	Introductory Sociology (S)	
SPCH 2713	Introduction to Speech Communication (S)	

See <http://preprofessional.okstate.edu> for additional information.

**Hours Subtotal** **18**

**Total Hours** **120**

1

College and Departmental Requirements that may be used to meet General Education Requirements.

2

With departmental approval, up to 30 hours from an accredited doctoral law program may be substituted for these areas.

3

These courses should be selected when including pre-MBA preparation.

## Other Requirements

- See the College of Arts and Sciences Requirements.
- Minimum 2.50 GPA in all required MATH courses.
- **Upper-Division Credit:** Total hours must include at least 40 hours in courses numbered 3000 or above.
- **Hours in One Department:** For B.A. and B.S. degrees, no more than 54 hours in one department may be applied to degree requirements.

## College of Arts and Sciences Requirements

### 1. General Education Requirements

No more than two courses (or eight hours) from the major department (<http://catalog.okstate.edu/college-arts-sciences-major-departments/>) may be used to meet General Education and College and Departmental Requirements. The General Education required English Composition, required U.S. History, required American Government, one required MATH or STAT course, and required foreign language for B.A. degrees do not count against the two-course maximum.

### 2. A&S College/Departmental Requirements

- Arts and Humanities are defined as any course carrying an (H) designation or courses from AMST, ART, DANC, ENGL (except ENGL 3323 Technical Writing) HIST, MUSI, PHIL (except PHIL 1313 Logic and Critical Thinking (A), PHIL 3003 Symbolic Logic (A) and PHIL 4003 Mathematical Logic and Computability), REL, TH, and foreign languages.
- Natural and Mathematical Sciences are defined as any course from the following prefixes: ASTR, BIOC, BIOL, CHEM, CS (except CS 4883 Social Issues in Computing), GEOL, MATH, MICR, PBIO, PHYS, and STAT; or courses from other departments that carry an (A) or (N) general education designation.
- The required six hours of upper-division General Education may not include courses from the student's major department. This requirement may be satisfied by courses also used to satisfy any part of a student's degree program (i.e., in General Education, College Departmental Requirements, Major Requirements or Electives).
- Non-Western Studies Requirement for B.A. and B.F.A.; One 3-hour course in Non-Western Studies (N.W.). This requirement may be satisfied by courses also used to satisfy any part of a student's degree program (i.e., in General Education, College Departmental Requirements, Major Requirements or Electives).
- The College of Arts & Sciences requires a minimum 2.0 GPA in all major requirements and a minimum 2.0 GPA in all major-prefix courses applied to the degree.

### 3. Foreign Language Proficiency

- The foreign language requirement for the B.A. may be satisfied by 9 hours college credit in the same language, which must include 3 hours at the 2000-level, or equivalent proficiency (e.g., passing an advanced standing examination; TOEFL exam; presenting a high school transcript which demonstrates the high school

was primarily conducted in a language other than English; etc.). Computer Science courses may not be used to satisfy this requirement. Currently Arabic and Mvskoke are not offered at the 2000-level at OSU.

- b. The foreign language requirement for the B.S., B.M. and B.F.A. may be satisfied by presenting a high school transcript which demonstrates two years of study of a single foreign language (passing grades at second-year level of study). It may also be satisfied by 6 hours college credit in the same language, which must include language courses 1713 and 1813, or equivalent proficiency (e.g., passing an advanced standing examination; TOEFL exam; presenting a high school transcript which demonstrates the high school was primarily conducted in a language other than English; etc.). Computer Science courses may not be used to satisfy this requirement.
- c. In addition to a. and b., students pursuing teacher certification must meet novice-high foreign language proficiency by presenting a high school transcript which demonstrates two years of study of a single foreign language with no grade below B. Or, students may complete 3 hours college credit in a single language with no grade below C (or pass an advanced standing examination, College Level Examination Program (CLEP) exam, or Oral Proficiency Interview developed by the American Council on the Teaching of Foreign Languages, equivalent to 3 hours of college credit.) Or, students may meet the requirement by transfer of documentation of meeting the foreign language competency from one of the teacher education programs in the State of Oklahoma approved by the Oklahoma State Regents for Higher Education.

#### 4. Exclusions

- a. Courses used to satisfy the General Education English Composition, U.S. History, American Government, and Mathematics or Statistics requirements will not count toward the 54-hour maximum allowed from one department.
- b. Courses with ATHL or LEIS prefixes and leisure activity courses may not be used for degree credit.

## Additional State/OSU Requirements

- At least: 60 hours at a four-year institution; 30 hours completed at OSU; 15 of the final 30 or 50% of the upper-division hours in the major field completed at OSU.
- Limit of: one-half of major course requirements as transfer work; one-fourth of hours earned by correspondence; 8 transfer correspondence hours.
- Students will be held responsible for degree requirements in effect at the time of matriculation and any changes that are made, so long as these changes do not result in semester credit hours being added or do not delay graduation.
- Degrees that follow this plan must be completed by the end of Summer 2028.

## Example Plan of Study

### Finish in Four Plan of Study

The plan below is an **example** of how students can successfully complete degree requirements in four years. This suggested class schedule plan may be used as a guide and can be adjusted based on individual needs. Students are required to meet with an academic advisor prior to

enrollment each semester to plan their class schedule, and students are ultimately responsible for completing all degree requirements.

Course	Title	Hours
<b>Freshman</b>		
<b>Fall</b>		
ENGL 1113 or ENGL 1313	Composition I or Critical Analysis and Writing I	3
MATH 2144	Calculus I (A)	4
General Education courses		7
<b>Hours</b>		<b>14</b>
<b>Spring</b>		
ENGL 1213 or ENGL 1413	Composition II or Critical Analysis and Writing II	3
MATH 2153	Calculus II (A)	3
General Education courses		10
<b>Hours</b>		<b>16</b>
<b>Sophomore</b>		
<b>Fall</b>		
MATH 2163	Calculus III	3
PHYS 1114 or PHYS 2014	College Physics I (LN) or University Physics I (LN)	4
General Education courses		9
<b>Hours</b>		<b>16</b>
<b>Spring</b>		
MATH 2233	Differential Equations	3
MATH 3013	Linear Algebra (A)	3
PHYS 1214 or PHYS 2114	College Physics II (LN) or University Physics II (LN)	4
College and Elective courses		4
<b>Hours</b>		<b>14</b>
<b>Junior</b>		
<b>Fall</b>		
MATH 3613	Introduction to Abstract Algebra	3
ENGL 3323	Technical Writing	3
Major, College, and Elective courses		9
<b>Hours</b>		<b>15</b>
<b>Spring</b>		
MATH 4023	Introduction to Analysis	3
MATH 4663	Combinatorics	3
Major, College, and Elective courses		9
<b>Hours</b>		<b>15</b>
<b>Senior</b>		
<b>Fall</b>		
Major, College, and Elective courses		15
<b>Hours</b>		<b>15</b>
<b>Spring</b>		
Major, College, and Elective courses		15
<b>Hours</b>		<b>15</b>
<b>Total Hours</b>		<b>120</b>

# Mathematics: Pre-Medical Sciences, BS

## Degree Requirements

Requirements for Students Matriculating in or before Academic Year 2022-2023. Learn more about University Academic Regulation 3.1 (p. 943).

Minimum Overall Grade Point Average: 2.50

Total Hours: 120

Code	Title	Hours
<b>General Education Requirements</b>		
<i>English Composition</i>		
See Academic Regulation 3.5 (p. 944)		
ENGL 1113	Composition I	3
or ENGL 1313	Critical Analysis and Writing I	
Select one of the following:		3
ENGL 1213	Composition II	
ENGL 1413	Critical Analysis and Writing II	
ENGL 3323	Technical Writing	
<i>American History &amp; Government</i>		
HIST 1103	Survey of American History	3
or HIST 1483	American History to 1865 (H)	
or HIST 1493	American History Since 1865 (DH)	
POLS 1113	American Government	3
<i>Analytical &amp; Quantitative Thought (A)</i>		
MATH 2144	Calculus I (A) <sup>1</sup>	4
CS 1103	Computer Programming (A) <sup>1</sup>	3
or CS 1113	Computer Science I (A)	
<i>Humanities (H)</i>		
Courses designated (H)		6
<i>Natural Sciences (N)</i>		
Must include one Laboratory Science (L) course		
BIOL 1113	Introductory Biology (N)	4
& BIOL 1111	and Introductory Biology Laboratory (LN)	
or BIOL 1114	Introductory Biology (LN)	
PHYS 1114	College Physics I (LN) <sup>1</sup>	4
or PHYS 2014	University Physics I (LN)	
PHYS 1214	College Physics II (LN) <sup>1</sup>	4
or PHYS 2114	University Physics II (LN)	
<i>Social &amp; Behavioral Sciences (S)</i>		
PSYC 1113	Introductory Psychology (S)	3
<b>Hours Subtotal</b>		<b>40</b>
<b>Diversity (D) &amp; International Dimension (I)</b>		
May be completed in any part of the degree plan		
Select at least one Diversity (D) course		
Select at least one International Dimension (I) course		
<b>College/Departmental Requirements</b>		
<i>First Year Seminar</i>		
(Transfer students with 15 hours exempt)		1
<i>Arts &amp; Humanities</i>		
See note 2.a.		3

Recommend HIST 3913 or PHIL 3833

*Natural & Mathematical Sciences*

CHEM 1314 Chemistry I (LN) 4

CHEM 1515 Chemistry II (LN) 5

*Foreign Language*

See note 3 0

0-6 hours

*Upper-Division General Education*

Select 6 hours outside major department

See note 2.c.

**Hours Subtotal 13**

**Major Requirements**

A minimum grade of "C" or "P" is required in each course.

*Mathematics Core*

MATH 2153 Calculus II (A) 3

MATH 2163 Calculus III 3

MATH 2233 Differential Equations 3

MATH 3013 Linear Algebra (A) 3

MATH 3613 Introduction to Abstract Algebra 3

Select 3 hours of the following: 3

MATH 3583 Introduction to Mathematical Modeling

MATH 3933 Research Methods

MATH 4423 Geometry and Algorithms in Three-Dimensional Modeling

Select 3 hours of the following: 3

MATH 4023 Introduction to Analysis

MATH 4263 Introduction to Partial Differential Equations

MATH 4513 Introduction to Numerical Analysis

Select 9 hours of the following: 9

MATH 4013 Calculus of Several Variables

MATH 4023 Introduction to Analysis

MATH 4063 Advanced Linear Algebra

MATH 4083 Intermediate Analysis

MATH 4143 Advanced Calculus I

MATH 4153 Advanced Calculus II

MATH 4233 Intermediate Differential Equations

MATH 4263 Introduction to Partial Differential Equations

MATH 4283 Complex Variables

MATH 4343 Introduction to Topology

MATH 4403 Geometry

MATH 4423 Geometry and Algorithms in Three-Dimensional Modeling

MATH 4453 Mathematical Interest Theory

MATH 4513 Introduction to Numerical Analysis

MATH 4553 Introduction to Optimization

MATH 4603 Intermediate Abstract Algebra

MATH 4613 Abstract Algebra I

MATH 4623 Abstract Algebra II

MATH 4663 Combinatorics

MATH 4713 Number Theory

MATH 4753 Introduction to Cryptography

MATH 4813	Groups and Representations	
Select 3 hours of the following:		3
STAT 4013	Statistical Methods I (A)	
STAT 4033	Engineering Statistics	
STAT 4053	Statistical Methods I for the Social Sciences (A)	
Select 3 hours of 4000-level MATH or STAT <sup>2</sup>		3
Select 3 hours of the following:		3
4000-level MATH or STAT		
Upper-Division CS or PHYS		
CHEM 3433	Physical Chemistry I	
MICR 4203	Bioinformatics	
<i>Pre-Med Sciences</i>		
Biology:		
BIOL 1604	Animal Biology	4
Physiology or Organic Chemistry:		
Select 8 hours from the following:		8
BIOL 3204	Physiology	
& BIOL 3214	and Human Anatomy	
CHEM 3053	Organic Chemistry I	
& CHEM 3153	and Organic Chemistry II	
& CHEM 3112	and Organic Chemistry Laboratory	
Select 6 hours from the following, with 3 hours upper-division:		6
BIOC 3653	Survey of Biochemistry	
BIOL 3023	General Genetics	
BIOL 3233	Human Reproduction	
MICR 2123	Introduction to Microbiology	
MICR 2132	Introduction to Microbiology Laboratory	
MICR 3033	Cell and Molecular Biology	
MICR 3223	Advanced Microbiology	
MICR 3253	Immunology	
PSYC 2583	Developmental Psychology (S)	
PSYC 3443	Abnormal Psychology (S)	
<b>Hours Subtotal</b>		<b>57</b>
<b>Electives</b>		
Select 10 hours		10
May need to include 6 hours of a foreign language. (see note 3.)		
May need to include 6 hours upper-division general education outside major department (see note 2.c.)		
MATH 1513 and MATH 1813 required for students who do not place directly into MATH 2144.		
Strongly recommended:		
SOC 1113	Introductory Sociology (S)	
Additional requirements for professional school admission exist. View the Admission Requirement Sheets at <a href="http://preprofessional.okstate.edu">http://preprofessional.okstate.edu</a>		
<b>Hours Subtotal</b>		<b>10</b>
<b>Total Hours</b>		<b>120</b>

1

College and Departmental Requirements that may be used to meet General Education Requirements.

2

STAT 4023 Statistical Methods II, STAT 4043 Applied Regression Analysis or STAT 4063 Statistical Methods II for the Social Sciences recommended.

## Other Requirements

- See the College of Arts and Sciences Requirements.
- Minimum 2.50 GPA in all required MATH courses.
- **Upper-Division Credit:** Total hours must include at least 40 hours in courses numbered 3000 or above.
- **Hours in One Department:** For B.A. and B.S. degrees, no more than 54 hours in one department may be applied to degree requirements.

## College of Arts and Sciences Requirements

### 1. General Education Requirements

No more than two courses (or eight hours) from the major department (<http://catalog.okstate.edu/college-arts-sciences-major-departments/>) may be used to meet General Education and College and Departmental Requirements. The General Education required English Composition, required U.S. History, required American Government, one required MATH or STAT course, and required foreign language for B.A. degrees do not count against the two-course maximum.

### 2. A&S College/Departmental Requirements

- Arts and Humanities are defined as any course carrying an (H) designation or courses from AMST, ART, DANC, ENGL (except ENGL 3323 Technical Writing) HIST, MUSI, PHIL (except PHIL 1313 Logic and Critical Thinking (A), PHIL 3003 Symbolic Logic (A) and PHIL 4003 Mathematical Logic and Computability), REL, TH, and foreign languages.
- Natural and Mathematical Sciences are defined as any course from the following prefixes: ASTR, BIOC, BIOL, CHEM, CS (except CS 4883 Social Issues in Computing), GEOL, MATH, MICR, PBIO, PHYS, and STAT; or courses from other departments that carry an (A) or (N) general education designation.
- The required six hours of upper-division General Education may not include courses from the student's major department. This requirement may be satisfied by courses also used to satisfy any part of a student's degree program (i.e., in General Education, College Departmental Requirements, Major Requirements or Electives).
- Non-Western Studies Requirement for B.A. and B.F.A.; One 3-hour course in Non-Western Studies (N.W.). This requirement may be satisfied by courses also used to satisfy any part of a student's degree program (i.e., in General Education, College Departmental Requirements, Major Requirements or Electives).
- The College of Arts & Sciences requires a minimum 2.0 GPA in all major requirements and a minimum 2.0 GPA in all major-prefix courses applied to the degree.

### 3. Foreign Language Proficiency

- The foreign language requirement for the B.A. may be satisfied by 9 hours college credit in the same language, which must include 3 hours at the 2000-level, or equivalent proficiency (e.g., passing an advanced standing examination; TOEFL exam; presenting a high school transcript which demonstrates the high school was primarily conducted in a language other than English; etc.). Computer Science courses may not be used to satisfy this



requirement. Currently Arabic and Mvskoke are not offered at the 2000-level at OSU.

- b. The foreign language requirement for the B.S., B.M. and B.F.A. may be satisfied by presenting a high school transcript which demonstrates two years of study of a single foreign language (passing grades at second-year level of study). It may also be satisfied by 6 hours college credit in the same language, which must include language courses 1713 and 1813, or equivalent proficiency (e.g., passing an advanced standing examination; TOEFL exam; presenting a high school transcript which demonstrates the high school was primarily conducted in a language other than English; etc.). Computer Science courses may not be used to satisfy this requirement.
- c. In addition to a. and b., students pursuing teacher certification must meet novice-high foreign language proficiency by presenting a high school transcript which demonstrates two years of study of a single foreign language with no grade below B. Or, students may complete 3 hours college credit in a single language with no grade below C (or pass an advanced standing examination, College Level Examination Program (CLEP) exam, or Oral Proficiency Interview developed by the American Council on the Teaching of Foreign Languages, equivalent to 3 hours of college credit.) Or, students may meet the requirement by transfer of documentation of meeting the foreign language competency from one of the teacher education programs in the State of Oklahoma approved by the Oklahoma State Regents for Higher Education.

#### 4. Exclusions

- a. Courses used to satisfy the General Education English Composition, U.S. History, American Government, and Mathematics or Statistics requirements will not count toward the 54-hour maximum allowed from one department.
- b. Courses with ATHL or LEIS prefixes and leisure activity courses may not be used for degree credit.

## Additional State/OSU Requirements

- At least: 60 hours at a four-year institution; 30 hours completed at OSU; 15 of the final 30 or 50% of the upper-division hours in the major field completed at OSU.
- Limit of: one-half of major course requirements as transfer work; one-fourth of hours earned by correspondence; 8 transfer correspondence hours.
- Students will be held responsible for degree requirements in effect at the time of matriculation and any changes that are made, so long as these changes do not result in semester credit hours being added or do not delay graduation.
- Degrees that follow this plan must be completed by the end of Summer 2028.

## Example Plan of Study

### Finish in Four Plan of Study

The plan below is an **example** of how students can successfully complete degree requirements in four years. This suggested class schedule plan may be used as a guide and can be adjusted based on individual needs. Students are required to meet with an academic advisor prior to enrollment each semester to plan their class schedule, and students are ultimately responsible for completing all degree requirements.

Course	Title	Hours
<b>Freshman</b>		
<b>Fall</b>		
ENGL 1113 or ENGL 1313	Composition I or Critical Analysis and Writing I	3
MATH 2144	Calculus I (A)	4
BIOL 1114	Introductory Biology (LN)	4
General Education courses		4
		<b>Hours</b>
		<b>15</b>
<b>Spring</b>		
ENGL 1213 or ENGL 1413	Composition II or Critical Analysis and Writing II	3
MATH 2153	Calculus II (A)	3
BIOL 1604	Animal Biology	4
General Education courses		5
		<b>Hours</b>
		<b>15</b>
<b>Sophomore</b>		
<b>Fall</b>		
MATH 2163	Calculus III	3
PHYS 1114 or PHYS 2014	College Physics I (LN) or University Physics I (LN)	4
CHEM 1314	Chemistry I (LN)	4
General Education courses		4
		<b>Hours</b>
		<b>15</b>
<b>Spring</b>		
MATH 2233	Differential Equations	3
MATH 3013	Linear Algebra (A)	3
PHYS 1214 or PHYS 2114	College Physics II (LN) or University Physics II (LN)	4
CHEM 1515	Chemistry II (LN)	5
		<b>Hours</b>
		<b>15</b>
<b>Junior</b>		
<b>Fall</b>		
MATH 3613	Introduction to Abstract Algebra	3
MATH 3583	Introduction to Mathematical Modeling (option)	3
BIOL 3204 or CHEM 3053	Physiology or Organic Chemistry I	4
Major, College, and Elective courses		5
		<b>Hours</b>
		<b>15</b>
<b>Spring</b>		
MATH 4023	Introduction to Analysis	3
BIOL 3214 or CHEM 3153	Human Anatomy or Organic Chemistry II	4
CHEM 3112	Organic Chemistry Laboratory (if CHEM 3153)	2
Major, College, and Elective courses		6
		<b>Hours</b>
		<b>15</b>
<b>Senior</b>		
<b>Fall</b>		
BIOC 3653	Survey of Biochemistry (optional)	3
Major, College, and Elective courses		12
		<b>Hours</b>
		<b>15</b>
<b>Spring</b>		
Major, College, and Elective courses		15
		<b>Hours</b>
		<b>15</b>
		<b>Total Hours</b>
		<b>120</b>



# Mathematics: Secondary Teacher Certification, BS

## Degree Requirements

**Requirements for Students Matriculating in or before Academic Year 2022-2023.** Learn more about University Academic Regulation 3.1 (p. 943).

**Minimum Overall Grade Point Average: 2.50**

**Total Hours: 120**

Code	Title	Hours
<b>General Education Requirements</b>		
<i>English Composition</i>		
See Academic Regulation 3.5 (p. 944)		
ENGL 1113 or ENGL 1313	Composition I Critical Analysis and Writing I	3
Select one of the following:		3
ENGL 1213	Composition II	
ENGL 1413	Critical Analysis and Writing II	
ENGL 3323	Technical Writing	
<i>American History &amp; Government</i>		
HIST 1103 or HIST 1483 or HIST 1493	Survey of American History American History to 1865 (H) American History Since 1865 (DH)	3
POLS 1113	American Government	3
<i>Analytical &amp; Quantitative Thought (A)</i>		
MATH 2144	Calculus I (A) <sup>1,2</sup>	4
CS 1103 or CS 1113	Computer Programming (A) <sup>1,2</sup> Computer Science I (A)	3
<i>Humanities (H)</i>		
Course designated (H)		6
<i>Natural Sciences (N)</i>		
Must include one Laboratory Science (L) course		
PHYS 2014 or PHYS 1114	University Physics I (LN) <sup>1</sup> College Physics I (LN)	4
PHYS 2114 or PHYS 1214	University Physics II (LN) <sup>1</sup> College Physics II (LN)	4
<i>Social &amp; Behavioral Sciences (S)</i>		
Course designated (S)		3
<i>Additional General Education</i>		
Courses designated (A), (H), (N), or (S)		4
<b>Hours Subtotal</b>		<b>40</b>
<b>Diversity (D) &amp; International Dimension (I)</b>		
May be completed in any part of the degree plan		
Select at least one Diversity (D) course (SPED 3202)		
Select at least one International Dimension (I) course		
<b>College/Departmental Requirements</b>		
<i>First Year Seminar</i>		
(Transfer students with 15 hours exempt)		1
<i>Arts &amp; Humanities</i>		
May need to be Gen Ed (I) designation		3
See note 2.a.		

<i>Natural &amp; Mathematical Sciences</i>		
MATH 2153	Calculus II (A) <sup>2</sup>	3
MATH 2163	Calculus III <sup>2</sup>	3
STAT 4013 or STAT 4053	Statistical Methods I (A) <sup>2</sup> Statistical Methods I for the Social Sciences (A)	3
<i>Foreign Language</i>		
See note 3		0
0-6 hours		
<i>Upper-Division General Education</i>		
Select 6 hours outside major department		
See note 2.c.		
<b>Hours Subtotal</b>		<b>13</b>
<b>Major Requirements</b>		
<i>Mathematics Core</i>		
Minimum GPA 2.50 and minimum grade of "C" or "P" for courses in Mathematics core and those denoted with <sup>1,2</sup>		
MATH 2233	Differential Equations	3
MATH 3013	Linear Algebra (A)	3
MATH 3613	Introduction to Abstract Algebra	3
MATH 3303	Advanced Perspectives on Functions and Modeling for Secondary Teachers	3
MATH 3933	Research Methods	3
MATH 4023	Introduction to Analysis	3
MATH 4033	History of Mathematics	3
MATH 4403	Geometry	3
MATH 4663	Combinatorics	3
Select one of the following:		3
MATH 4713	Number Theory	
MATH 4753	Introduction to Cryptography	
MATH 4813	Groups and Representations	
Select 3 hours of 4000-level MATH or STAT or upper division CS or PHYS		3
<i>Secondary Education Professional Core</i>		
Minimum GPA 2.50 and minimum grade of "C" or "P" in each course.		
SMED 1012	Inquiry Approaches to Teaching	2
SMED 3013	Knowing and Learning in Mathematics and Science	3
SMED 4003	Teaching Fundamental Concepts of Mathematics <sup>3</sup>	3
SMED 4013	Classroom Interactions <sup>3</sup>	3
SMED 4023	Problem-Based Learning in Mathematics and Science <sup>3</sup>	3
SMED 4053	Teaching Geometry in the Secondary School <sup>3</sup>	3
SMED 4723	Senior Seminar in Secondary Mathematics and Science Education <sup>3</sup>	3
SPED 3202	Educating Exceptional Learners (D)	2
CIED 4720	Internship in the Secondary Classroom <sup>3</sup>	6
<b>Hours Subtotal</b>		<b>61</b>
<b>Electives</b>		
Select 6 hours		6
May need to include 6 hours of a foreign language (see note 3)		

May need to include 6 hours upper-division general education outside major department (see note 2.c.)

MATH 1513 and MATH 1813 required for students who do not place directly into MATH 2144.

<b>Hours Subtotal</b>	<b>6</b>
<b>Total Hours</b>	<b>120</b>

1

College and Departmental Requirements that may be used to meet General Education Requirements.

2

Minimum GPA 2.50 and minimum grade of "C" or "P" for courses in Mathematics core and those denoted with <sup>2</sup>.

3

Full admission to Professional Education is required.

## Other Requirements

- See the College of Arts and Sciences Requirements.
- **Upper-Division Credit:** Total hours must include at least 40 hours in courses numbered 3000 or above.
- **Hours in One Department:** For B.A. and B.S. degrees, no more than 54 hours in one department may be applied to degree requirements.

## College of Arts and Sciences Requirements

### 1. General Education Requirements

No more than two courses (or eight hours) from the major department (<http://catalog.okstate.edu/college-arts-sciences-major-departments/>) may be used to meet General Education and College and Departmental Requirements. The General Education required English Composition, required U.S. History, required American Government, one required MATH or STAT course, and required foreign language for B.A. degrees do not count against the two-course maximum.

### 2. A&S College/Departmental Requirements

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- Non-Western Studies Requirement for B.A. and B.F.A.; One 3-hour course in Non-Western Studies (N.W.). This requirement may be satisfied by courses also used to satisfy any part of a student's degree program (i.e., in General Education, College Departmental Requirements, Major Requirements or Electives).

- The College of Arts & Sciences requires a minimum 2.0 GPA in all major requirements and a minimum 2.0 GPA in all major-prefix courses applied to the degree.

### 3. Foreign Language Proficiency

- The foreign language requirement for the B.A. may be satisfied by 9 hours college credit in the same language, which must include 3 hours at the 2000-level, or equivalent proficiency (e.g., passing an advanced standing examination; TOEFL exam; presenting a high school transcript which demonstrates the high school was primarily conducted in a language other than English; etc.). Computer Science courses may not be used to satisfy this requirement. Currently Arabic and Mvskoke are not offered at the 2000-level at OSU.
- The foreign language requirement for the B.S., B.M. and B.F.A. may be satisfied by presenting a high school transcript which demonstrates two years of study of a single foreign language (passing grades at second-year level of study). It may also be satisfied by 6 hours college credit in the same language, which must include language courses 1713 and 1813, or equivalent proficiency (e.g., passing an advanced standing examination; TOEFL exam; presenting a high school transcript which demonstrates the high school was primarily conducted in a language other than English; etc.). Computer Science courses may not be used to satisfy this requirement.
- In addition to a. and b., students pursuing teacher certification must meet novice-high foreign language proficiency by presenting a high school transcript which demonstrates two years of study of a single foreign language with no grade below B. Or, students may complete 3 hours college credit in a single language with no grade below C (or pass an advanced standing examination, College Level Examination Program (CLEP) exam, or Oral Proficiency Interview developed by the American Council on the Teaching of Foreign Languages, equivalent to 3 hours of college credit.) Or, students may meet the requirement by transfer of documentation of meeting the foreign language competency from one of the teacher education programs in the State of Oklahoma approved by the Oklahoma State Regents for Higher Education.

### 4. Exclusions

- Courses used to satisfy the General Education English Composition, U.S. History, American Government, and Mathematics or Statistics requirements will not count toward the 54-hour maximum allowed from one department.
- Courses with ATHL or LEIS prefixes and leisure activity courses may not be used for degree credit.

## Additional State/OSU Requirements

- At least: 60 hours at a four-year institution; 30 hours completed at OSU; 15 of the final 30 or 50% of the upper-division hours in the major field completed at OSU.
- Limit of: one-half of major course requirements as transfer work; one-fourth of hours earned by correspondence; 8 transfer correspondence hours.
- Students will be held responsible for degree requirements in effect at the time of matriculation and any changes that are made, so long as these changes do not result in semester credit hours being added or do not delay graduation.
- Degrees that follow this plan must be completed by the end of Summer 2028.

## Example Plan of Study

### Finish in Four Plan of Study

The plan below is an example of how students can successfully complete degree requirements in four years. This suggested class schedule plan may be used as a guide and can be adjusted based on individual needs. Students are required to meet with an academic advisor prior to enrollment each semester to plan their class schedule, and students are ultimately responsible for completing all degree requirements.

Course	Title	Hours
<b>Freshman</b>		
<b>Fall</b>		
A&S 1111	A&S First Year Seminar	1
ENGL 1113	Composition I	3
MATH 2144	Calculus I (A)	4
SMED 1012	Inquiry Approaches to Teaching	2
General Education/Elective		6
<b>Hours</b>		<b>16</b>
<b>Spring</b>		
ENGL 1213	Composition II	3
MATH 2153	Calculus II (A)	3
General Education/Elective		9
<b>Hours</b>		<b>15</b>
<b>Sophomore</b>		
<b>Fall</b>		
MATH 2163	Calculus III	3
MATH 3013	Linear Algebra (A)	3
PHYS 1114 or PHYS 2014	College Physics I (LN) or University Physics I (LN)	4
General Education/College/Department/Concentration		6
<b>Hours</b>		<b>16</b>
<b>Spring</b>		
MATH 2233	Differential Equations	3
MATH 3613	Introduction to Abstract Algebra	3
PHYS 1214 or PHYS 2114	College Physics II (LN) or University Physics II (LN)	4
SMED 3013	Knowing and Learning in Mathematics and Science	3
General Education/College/Department/Concentration		3
<b>Hours</b>		<b>16</b>
<b>Junior</b>		
<b>Fall</b>		
MATH 3303	Advanced Perspectives on Functions and Modeling for Secondary Teachers	3
MATH 4033	History of Mathematics	3
SMED 4013	Classroom Interactions	3
General Education/College/Departmental/Major		9
<b>Hours</b>		<b>18</b>
<b>Spring</b>		
MATH 3933	Research Methods	3
MATH 4663	Combinatorics	3
SMED 4003	Teaching Fundamental Concepts of Mathematics	3
General Education/College/Departmental/Major		6
<b>Hours</b>		<b>15</b>
<b>Senior</b>		
<b>Fall</b>		
MATH 4403	Geometry	3
MATH 4023	Introduction to Analysis	3
SMED 4053	Teaching Geometry in the Secondary School	3
SMED 4023	Problem-Based Learning in Mathematics and Science	3
General Education/College/Departmental/Major		3
<b>Hours</b>		<b>15</b>

### Spring

CIED 4720	Internship in the Secondary Classroom	6
SMED 4723	Senior Seminar in Secondary Mathematics and Science Education	3
<b>Hours</b>		<b>9</b>
<b>Total Hours</b>		<b>120</b>

### 1

Speak with academic advisor about saving General Education electives and Humanities (H) for Upper-division courses with International (I) and Diversity (D) dimensions.

## School of Media and Strategic Communications

At Oklahoma State University, the professional areas of mass communication are grouped in the School of Media and Strategic Communications (SMSC). These areas seek to complement each other with a minimum of duplication. Degrees offered include a Bachelor of Arts or a Bachelor of Science in the following:

- Multimedia Journalism
- Sports Media
- Strategic Communication

A modern democratic society cannot live by its ideals if its mass media practitioners are merely competent technicians who worry less about what is reported to the people than how it is reported. Citizens must have accurate information about social, political and economic problems as well as knowledge of actions taken by government agencies and organizations at all levels. From village council to Supreme Court, there can be no exception from the rule that public business is the public's business.

To speak to people through different media, whether as a journalist or a strategic communication practitioner, requires knowledge of the people to whom or on whose behalf one wishes to speak and an understanding of the world in which they live. Therefore, the curricula of the School of Media and Strategic Communications are designed to offer more than training in communication techniques. Three-quarters of the SMSC student's time at the University is devoted to a liberal education in the arts and sciences. At the same time, the student gains competence in a professional field through courses in the School of Media and Strategic Communications.

On graduation, undergraduate students in the School of Media and Strategic Communications will be able to:

1. Demonstrate an understanding of the relevant constitutional freedoms, legal issues and ethical principles in mass communications,
2. Demonstrate an understanding of the relevance of human diversity in mass communications,
3. Demonstrate an understanding of the history and social role of mass communications,
4. Demonstrate critical, creative and individual thinking,
5. Demonstrate an understanding of the relevant theories and concepts of mass communications,
6. Demonstrate an understanding of the methods and techniques of research and information gathering,
7. Demonstrate appropriate writing, editing and production techniques in mass communications, and
8. Demonstrate an understanding of relevant planning and management methods in mass communications.

### Accreditation

The undergraduate programs of study in the School of Media and Strategic Communications are accredited by the Accrediting Council on Education in Journalism and Mass Communication.

### Admission to the Undergraduate Program

A 2.75 graduation retention GPA and at least 24 hours completed required to initially declare major.

### Undergraduate Proficiency Review

Successfully passing the proficiency review is required to enroll in upper-division major requirements. The Proficiency Review includes:

1. 2.75 graduation retention GPA;
2. At least 12 OSU earned hours and a 2.75 graduation retention GPA in those hours;
3. Grade of "C" or better for MC 2003 and MC 2023; and
4. Passing score on the Language Proficiency Exam. Students are permitted two attempts to pass the Language Proficiency Exam. Students who fail to pass the Language Proficiency Exam after two attempts will be suspended from the SMSC major and not eligible for readmission.

### Requirements for Graduation

The degree programs of study offered in the School of Media and Strategic Communications are built around strong writing, liberal arts and professional components. Of the 120 hours required to earn a degree in SMSC, students must complete up to 45 semester hours in media and strategic communications courses.

Students must have a minimum 2.5 GPA in all SMSC courses and major requirements with a minimum grade of "C" in each course. No more than 12 hours in SMSC courses may be transferred from other institutions.

All SMSC majors are required to develop and maintain a portfolio exhibiting their best and most appropriate work as well as assignments required for the portfolio. Portfolios will be turned in during senior capstone courses as part of their graduation requirements. School faculty, staff and industry professionals will evaluate these portfolios periodically and offer guidance and constructive criticism. It is anticipated that the portfolios will be helpful in showcasing students' performance when they apply for internships or jobs.

### Multimedia Journalism

The many changes in the media environment require that students should have expertise in journalism and storytelling in all media formats. The degree in multimedia journalism will allow graduates to work with any media platform, be it print, television, radio or the internet. While students will develop their skills across all media platforms they will be able to specialize in one of two areas: multimedia journalism, news or multimedia journalism, production.

Students learn the basics of journalism writing and reporting for print, online, audio and video production on state-of-the-art equipment and are challenged to put their skills to use by participating in the daily operations of Student Media at OSU available through the O'Colly Media Group. The O'Colly Media Group offers TV, radio, print, creative and sales opportunities through: Advertising, The O'Colly radio (podcasts and KXZY), The Daily O, One on One, The Franchise Show, Petes' Corner, the Poke Report and Modmuze. Students also create content for OState.tv, the OSU online TV station. Students gain on-the-job multimedia experience through internships and some hold part-time jobs as campus correspondents for various publications or work for media in the Stillwater area.

Internships at broadcast and cable outlets in the region also provide students with on-the-job experience and a valuable opportunity to work with seasoned media professionals. Many juniors and seniors find this work a source of revenue to assist them in the cost of their education.

The multimedia program is affiliated with the Oklahoma Press Association, Southwest Journalism Congress, the Society of Professional Journalists, the National Association of Black Journalists, the National Association of FM Broadcasters, Radio Advertising Bureau, Oklahoma Association of Broadcasters, Oklahoma Broadcast Education Association, National Association of Broadcasters, Broadcast Education Association and National Public Radio.

## Sports Media

This program, one of very few undergraduate degrees in sports media in the United States, offers students the option of concentrating in sports digital production or sports journalism.

Students pursuing an undergraduate degree in sports media from OSU receive classic hands-on training in all aspects of the industry. Depending on the area of concentration, coursework may include sports writing, play-by-play announcing, field production, and media relations. Sports media students are also challenged to put their skills to use by participating in the daily operations of Student Media at OSU available through the O'Colly Media Group. The O'Colly Media Group offers TV, radio, print, creative and sales opportunities through: Advertising, The O'Colly radio (podcasts and KXZY), The Daily O, One on One, The Franchise Show, Petes' Corner, the Poke Report and Modmuze. Students also create content for OState.tv, the OSU online TV station. Students gain on-the-job experience through internships and some hold part-time jobs as campus correspondents for various publications or work for media in the Stillwater area. Students have many nationally-recognized organizations to join including the Sports Media Club, Association for Women in Sports Media and Associated Press Sports Editors.

Oklahoma State University and the School of Media and Strategic Communications enjoy a special relationship with sports media throughout the country. As a major sports venue, the OSU campus is visited regularly by national and regional sports media - both print and broadcast - to cover major sporting events. These media organizations routinely utilize SMSC student workers. The 2004 debut of ESPNU was telecast from Stillwater because the campus represents classic collegiate sports, and because the network producers were able to rely on a supply of ready and trained media and strategic communications students.

The sports media faculty has strong professional backgrounds in the field and offers students the solid foundation in both theory and practice that prepare them for a variety of career paths.

## Strategic Communication

Communication professionals are needed in all industries. Industry employers require communication professionals to be skilled in writing, content creation, research, strategic planning and critical thinking.

Students in strategic communications learn and practice communication methods used in public relations, advertising, social media and entertainment media. Strategic communication courses focus on a thorough understanding of the social, political and economic systems of society and develop writing and content-creation skills that apply across

all media platforms, such as print, television, radio, websites, social media, etc.

A degree in strategic communication prepares students to be professional communicators in any environment, such as counseling firms, advertising agencies, corporate communications, nonprofit organizations, or even their own businesses. The ultimate objective of this degree is to prepare students to be the future leaders in their field. Coursework prepares students to write and communicate effectively because good writing skills remain the foundation of professional communication. Coursework also focuses on strategic and critical thinking, which are skills needed for leaders in the field. This degree also grounds students in a thorough knowledge of gathering and analyzing data relevant to their practice and in communication management principles. Students complete their degree with a capstone campaign course, where students integrate and apply knowledge gained in their undergraduate work to a single strategic communication campaign.

There are three options to choose from for the Strategic Communications degree: SC: Advertising and Public Relations and SC: Social Media are both offered on the OSU-Stillwater campus while SC: Entertainment Media is offered on the OSU-Tulsa campus.

Strategic communication students are challenged to put their skills to use by participating in the daily operations of Student Media at OSU available through the O'Colly Media Group. The O'Colly Media Group offers TV, radio, print, creative and sales opportunities through: Advertising, The O'Colly radio (podcasts and KXZY), The Daily O, One on One, The Franchise Show, Petes' Corner, the Poke Report and Modmuze. Students also create content for OState.tv, the OSU online TV station. Students gain on-the-job experience through internships and some hold part-time jobs as campus correspondents for various publications or work for media in the Stillwater area. Students also create content for OState.tv, the OSU online TV station. Students gain on-the-job experience through internships and some hold part-time jobs as campus correspondents for various publications or work for media in the Stillwater area. Each year, SMSC participates in the National Student Advertising Competition, NSAC. The SMSC NSAC team has been nationally recognized numerous times.

The Strategic Communication program is affiliated with the American Advertising Federation, the American Academy of Advertising, the Public Relations Society of America and the Association of Women in Communication.

For more information, please go to [media.okstate.edu](http://media.okstate.edu) (<http://media.okstate.edu>).

## Courses

### MC 1143 Media in a Diverse Society (DS)

**Description:** A study of the media and their effect on our culture, with an emphasis on the media's role in racial, gender and sexual orientation issues in the United States. By analyzing the mass media, we learn to interpret the consequences of the stories they tell. An introductory survey course for majors and non-majors. Previously offered as JB 1143.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Media & Strategic Comm

**General Education and other Course Attributes:** Diversity, Social & Behavioral Sciences



**MC 2003 Mass Media Style and Structure**

**Prerequisites:** ENGL 1213 or ENGL 1223 or ENGL 1413 with grade of "C" or higher, and departmental majors only.

**Description:** Teaches basic writing skills vital to any career in mass communication. Emphasizes language skills with a focus on the rules of grammar and the meaning of words. Also teaches the basic strategies of information gathering, including how to glean accurate and useful background information from traditional and online sources. Introduces students to the fundamental writing styles and objectives required to convey information in different media. Previously offered as JB 2003, JB 1393, and JM 1123.

**Credit hours:** 3

**Contact hours:** Lecture: 2 Lab: 2 Contact: 4

**Levels:** Undergraduate

**Schedule types:** Lab, Lecture, Combined lecture and lab

**Department/School:** Media & Strategic Comm

**MC 2023 Electronic Communication**

**Prerequisites:** ENGL 1213 or ENGL 1223 or ENGL 1413 with a grade of "C" or better, and departmental majors only.

**Description:** Introduces students to electronic communication with a series of hands-on projects to develop their skills with basic photography, videography, podcasting and Web page development. Compares the various media platforms and teaches students visual grammar. Students create slide-shows and podcasts, learn to edit video, and develop Web pages using content created in class.

**Credit hours:** 3

**Contact hours:** Lecture: 2 Contact: 3 Other: 1

**Levels:** Undergraduate

**Schedule types:** Discussion, Combined lecture & discussion, Lecture

**Department/School:** Media & Strategic Comm

**Additional Fees:** AP Stylebook fee of \$5.30 applies.

**MC 3113 Introduction to Media Effects**

**Description:** Mass media's potential to influence audience behavior is a subject that has long fascinated scholars and the general public. Aside from working & sleeping, individuals in the U.S. spend more time consuming media than any other activity. This course introduces media effects, and offers critical analysis methods to better understand the process and effects of the mediated message. A variety of media theories will be examined to understand how media can affect attitudes and behaviors on an individual and societal level. The theories will be used to examine a variety of different types of content, including media violence, portrayals of race and gender, entertainment, politics, strategic communication, and sport.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Media & Strategic Comm

**MC 3173 History of Mass Communication (H)**

**Description:** Growth and development of mass communication systems in America, with emphasis upon the economic, social and political interaction of the media. Previously offered as JB 3173.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Media & Strategic Comm

**General Education and other Course Attributes:** Humanities

**MC 4043 Media Study Abroad (I)**

**Description:** Participation in an international experience sponsored by the School of Media and Strategic Communications. This will typically involve the integrated study of a country or region regarding relevant cultural, commercial, historical, technological, political, and economic issues especially as those areas related to media and communication. May not be used for degree credit with MC 5040 in same semester with same subtitle.

**Credit hours:** 3

**Contact hours:** Contact: 3 Other: 3

**Levels:** Undergraduate

**Schedule types:** Independent Study

**Department/School:** Media & Strategic Comm

**General Education and other Course Attributes:** International Dimension

**MC 4143 Ethics and Issues in Mass Communications**

**Prerequisites:** MC 2003 and MC 2023 with a grade of "C" or better in both; and pass proficiency review.

**Description:** Students examine classical theories of ethical behavior and their relevancy to professional communicators. Students learn to analyze various moral viewpoints, so they can discern a justifiable system of ethical decision-making. Students apply ethical reasoning and professional codes of conduct to scenarios to determine the most ethical action to take.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Media & Strategic Comm

**MC 4153 International Mass Communication**

**Description:** Examination of the nature and flow of news and information within and among nations, states and societies from a theoretical vantage point grounded in region-specific realities. The political, economic, social, cultural and historical forces determining media practice in a global environment. No credit for students with credit in MC 5253. Previously offered as JB 4253.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Media & Strategic Comm

**MC 4163 Mass Communication Law**

**Prerequisites:** MC 2003 and MC 2023 with a grade of "C" or better in both; and a minimum grade of 70 on the Language Exam.

**Description:** Major principles of media law by examining the important court decisions, statutory and regulatory enactments in each area of communication law. Relevant constitutional freedoms and legal issues affecting professional communicators and all participants in a self-governing society. Practice applying the law and precedents to specific situations to determine if potential legal problems exist. No credit for students with credit in MC 5163. Previously offered as JB 4163 and JB 3163.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Media & Strategic Comm



**MC 4360 Special Problems in Mass Communication**

**Prerequisites:** Junior standing, a minimum of 3.0 GPA, or consent of instructor.

**Description:** Independent study and project development to fit the student's field of study. Previously offered as JB 4360. Offered for variable credit, 1-3 credit hours, maximum of 6 credit hours.

**Credit hours:** 1-3

**Contact hours:** Contact: 1-3 Other: 1-3

**Levels:** Undergraduate

**Schedule types:** Independent Study

**Department/School:** Media & Strategic Comm

**MC 4733 Responsibility in Mass Communication**

**Prerequisites:** MC 2003 with a grade of "C" or better; and pass proficiency review.

**Description:** Interaction between mass media and society with emphasis upon the communicator's ethics and responsibilities. Meets with MC 5733. No credit for students with credit in MC 5733. Previously offered as JB 4733.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Media & Strategic Comm

**MC 4993 Senior Honors Thesis**

**Prerequisites:** Departmental invitation, senior standing, Honors Program participation.

**Description:** A guided reading and research program ending with an honors thesis under the direction of a senior faculty member, with second faculty reader and oral examination. Required for graduation with departmental honors in the School of Journalism and Broadcasting. Previously offered as JB 4993.

**Credit hours:** 3

**Contact hours:** Contact: 3 Other: 3

**Levels:** Undergraduate

**Schedule types:** Independent Study

**Department/School:** Media & Strategic Comm

**General Education and other Course Attributes:** Honors Credit

**MC 5000 Thesis**

**Description:** For mass communication graduate students who are candidates for the master's degree. Offered for variable credit, 1-6 credit hours, maximum of 6 credit hours.

**Credit hours:** 1-6

**Contact hours:** Contact: 1-6 Other: 1-6

**Levels:** Graduate

**Schedule types:** Independent Study

**Department/School:** Media & Strategic Comm

**MC 5010 Capstone Creative Project**

**Prerequisites:** "B" or better in MC 5113, MC 5333, and MC 5651 and instructor permission.

**Description:** Capstone research project or creative activity for a mass communication graduate student. Offered for variable credit, 1-3 credit hours, maximum of 4 credit hours.

**Credit hours:** 1-3

**Contact hours:** Contact: 1-3 Other: 1-3

**Levels:** Graduate

**Schedule types:** Independent Study

**Department/School:** Media & Strategic Comm

**MC 5011 Formal Report**

**Prerequisites:** Instructor permission and MC 5020 (6 hours) or MC 5040 (6 hours).

**Description:** The Formal Report is a non-thesis, degree completion option.

**Credit hours:** 1

**Contact hours:** Contact: 1 Other: 1

**Levels:** Graduate

**Schedule types:** Independent Study

**Department/School:** Media & Strategic Comm

**MC 5020 Advanced Practicum or Internship in Mass Communication**

**Prerequisites:** One semester of graduate coursework and consent of instructor.

**Description:** Applied training allowing students to relate theoretical principles to situations in professional settings. Offered for variable credit, 1-6 credit hours, maximum of 6 credit hours.

**Credit hours:** 1-6

**Contact hours:** Contact: 1-6 Other: 1-6

**Levels:** Graduate

**Schedule types:** Independent Study

**Department/School:** Media & Strategic Comm

**MC 5030 Independent Study in Mass Communication**

**Prerequisites:** Consent of instructor.

**Description:** Independent study, directed readings or project development in mass communications to fit the student's academic and professional interests. Offered for variable credit, 1-3 credit hours, maximum of 6 credit hours.

**Credit hours:** 1-3

**Contact hours:** Contact: 1-3 Other: 1-3

**Levels:** Graduate

**Schedule types:** Independent Study

**Department/School:** Media & Strategic Comm

**MC 5040 Media International Experience**

**Prerequisites:** Consent of instructor.

**Description:** Participation in either an international experience sponsored by the School of Media and Strategic Communications (SMSC) or a research or directed reading project in conjunction with a study abroad experience. An SMSC international offering will typically involve the integrated study of a country or region regarding relevant cultural, commercial, historical, technological, political, and economic issues especially as those areas related to media and communication. The project option would be a student-initiated and student-designed with a faculty adviser or mentor input and guidance. May not be used for degree credit with MC 4043 in same semester with same subtitle. Offered for variable credit, 1-3 credit hours, maximum of 6 credit hours.

**Credit hours:** 1-3

**Contact hours:** Contact: 1-3 Other: 1-3

**Levels:** Graduate

**Schedule types:** Independent Study

**Department/School:** Media & Strategic Comm

**MC 5113 Methods of Research in Mass Communication**

**Description:** Principles and techniques of research; research planning, design and measurement in mass communication.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Graduate

**Schedule types:** Lecture

**Department/School:** Media & Strategic Comm

**MC 5143 Diversity In Sports Media**

**Description:** This course examines sports media content, framing, personnel, and audiences in relation to diverse groups. Primary emphases are placed on race and ethnicity, gender, sex, LGBT, national identity, and disability. Sports media coverage of each group is examined from a historical perspective up through the 21st Century convergence of broadcast, online, and print journalism. Particular focus is placed on diversity among sport media gatekeepers.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Graduate

**Schedule types:** Lecture

**Department/School:** Media & Strategic Comm

**MC 5163 Mass Communication Law**

**Prerequisites:** MC 2003 and graduate standing.

**Description:** Major principles of media law by examining the important court decisions, statutory and regulatory enactments in each area of communication law. Relevant constitutional freedoms and legal issues affecting professional communicators and all participants in a self-governing society. Practice applying the law and precedents to specific situations to determine if potential legal problems exist. Meets with MC 4163. No credit for students with credit in MC 4163.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Graduate

**Schedule types:** Lecture

**Department/School:** Media & Strategic Comm

**MC 5223 Mass Communication Research Analysis and Interpretation**

**Prerequisites:** MC 5113.

**Description:** Single- and multi-variate analysis, interpretation and reporting of mass communication research data. Use of computers in research analysis.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Graduate

**Schedule types:** Lecture

**Department/School:** Media & Strategic Comm

**MC 5253 International Mass Communication**

**Description:** Examination of the nature and flow of news and information within and among nations, states, and societies from a theoretical vantage point grounded in region-specific realities. The political, economic, social, cultural and historical forces determining media practice in a global environment. No credit for students with credit in MC 4153.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Graduate

**Schedule types:** Lecture

**Department/School:** Media & Strategic Comm

**MC 5283 Citizen Branding**

**Prerequisites:** Graduate standing.

**Description:** The course is focused on promoting citizen engagement and community building in a digital era. It explores consumption of networked political campaigns, corporate and national identity branding, and participation in the social media marketplace. It examines the effect of media on community deliberation. This course will provide the tools to increase meaningful community engagement in ways that will transform our communities into more vibrant and interactive places.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Graduate

**Schedule types:** Lecture

**Department/School:** Media & Strategic Comm

**MC 5323 Nation Branding**

**Prerequisites:** Graduate standing.

**Description:** Nation branding is defined for this course as the strategic act of shaping a country's reputation and country image through the use of branding techniques. This course will explore America's image abroad and attempt to understand the recent rise of anti-Americanism, as well as look at nation branding in other countries. May not be used for degree credit with GS 5323.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Graduate

**Schedule types:** Lecture

**Department/School:** Media & Strategic Comm

**MC 5333 Media Theory**

**Prerequisites:** Graduate standing.

**Description:** Mediating factors that affect interaction of ingredients in the communications process, and how these factors can affect the fidelity of information conveyed.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Graduate

**Schedule types:** Lecture

**Department/School:** Media & Strategic Comm

**MC 5383 Media Relations**

**Prerequisites:** Graduate standing.

**Description:** Strategies for dealing with the news media. Students will gain hands-on experience in conducting media news conferences, pitching story ideas and preparing themselves and others for dealing with news media interviews. Meets with SC 4383. No credit for students with credit in SC 4383.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Graduate

**Schedule types:** Lecture

**Department/School:** Media & Strategic Comm

**MC 5483 Nonprofit Branding****Prerequisites:** Graduate Standing.**Description:** This course explores the role of strategic communications for nonprofit organizations. It will provide students with an in-depth understanding of how communication theories can be applied to build organizational brand, foster commitment to organization's mission, increase trust, create ambassadors, strengthens impact, and create lasting social change.**Credit hours:** 3**Contact hours:** Lecture: 3 Contact: 3**Levels:** Graduate**Schedule types:** Lecture**Department/School:** Media & Strategic Comm**MC 5520 Specialized Strategic Communications Applications****Prerequisites:** MC 3353 and graduate standing.**Description:** Professional strategic communications at an advanced level. Strategic communications study of non-profit, corporate, agency, international and other specialized applications. Course content varies by semester. No credit for students with credit in SC 4520 during the same semester or with the same subtitle. Offered for fixed credit, 3 credit hours, maximum of 6 credit hours.**Credit hours:** 3**Contact hours:** Contact: 3 Other: 3**Levels:** Graduate**Schedule types:** Independent Study**Department/School:** Media & Strategic Comm**MC 5540 Specialized Multimedia Journalism Applications****Prerequisites:** Graduate standing.**Description:** Professional journalism at an advanced level. Special topics in areas such as announcing, performance; political, business, and investigative reporting; advanced layout and design or audio production; feature, column and editorial writing. Course content varies by semester. Meets with MMJ 4540. No credit for students in MMJ 4540 during the same semester or with the same subtitle. Offered for fixed credit, 3 credit hours, maximum of 6 credit hours.**Credit hours:** 3**Contact hours:** Contact: 3 Other: 3**Levels:** Graduate**Schedule types:** Independent Study**Department/School:** Media & Strategic Comm**MC 5560 Specialized Sports Media Applications****Prerequisites:** Graduate standing.**Description:** Professional sports media at an advanced level. Special topics in areas such as sports media production, announcing, performance; sports feature, column and editorial writing. Course content varies by semester. Meets with SPM 4560. No credit for students in SPM 4560 during same semester or with same subtitle. Offered for fixed credit, 3 credit hours, maximum of 6 credit hours.**Credit hours:** 3**Contact hours:** Contact: 3 Other: 3**Levels:** Graduate**Schedule types:** Independent Study**Department/School:** Media & Strategic Comm**MC 5603 Integrated Marketing Communication****Prerequisites:** MC 2003 and SC 2183 or MKTG 3213; and graduate standing.**Description:** Planning and the value of coordinating the various promotional mix elements within a communication campaign to create maximum clarity and impact. Communication elements including advertising, public relations, direct marketing and sales promotion and examine strategies for combining and integrating them into an effective campaign. Theories, models and tools to make better promotional communication decisions. No credit for students with credit in SC 4603.**Credit hours:** 3**Contact hours:** Lecture: 3 Contact: 3**Levels:** Graduate**Schedule types:** Lecture**Department/School:** Media & Strategic Comm**MC 5613 Storytellers Studio****Prerequisites:** Graduate standing.**Description:** This is a graduate seminar designed to provide an understanding of the theory and practice of mass media. Through readings, lectures, multi-media presentations and guests who are industry experts, we explore the main media institutions and how they create, exhibit, and disseminate their products. The course also explores how diverse audiences and users select, use and react to media content. Special attention is paid to the audience/medium relationship, improving media literacy and a broad understanding of media ethics.**Credit hours:** 3**Contact hours:** Lecture: 3 Contact: 3**Levels:** Graduate**Schedule types:** Lecture**Department/School:** Media & Strategic Comm**MC 5651 Introduction to Graduate Study in Mass Communications****Prerequisites:** Graduate standing.**Description:** Orientation to skills necessary for successful completion of graduate work. Training in library and archival research, academic writing and preparation of research reports, familiarization with theoretical concepts and issues associated with mass communication. Required of all mass communication MS candidates, and prerequisite to MS candidates enrolling in mass communication seminars. Previously offered as MC 5653.**Credit hours:** 1**Contact hours:** Lecture: 1 Contact: 1**Levels:** Graduate**Schedule types:** Lecture**Department/School:** Media & Strategic Comm**MC 5733 Responsibility in Mass Communication****Prerequisites:** Graduate standing.**Description:** Interaction between mass media and society with emphasis upon the communicator's ethics and responsibilities. Meets with MC 4733. No credit for students with credit in MC 4733.**Credit hours:** 3**Contact hours:** Lecture: 3 Contact: 3**Levels:** Graduate**Schedule types:** Lecture**Department/School:** Media & Strategic Comm

**MC 5753 Media And Elections****Prerequisites:** Graduate standing.**Description:** Examination of media's role in the political process with primary emphasis on print and broadcast journalism practices. Meets with MMJ 4753. No credit for students with credit in MMJ 4753.**Credit hours:** 3**Contact hours:** Lecture: 3 Contact: 3**Levels:** Graduate**Schedule types:** Lecture**Department/School:** Media & Strategic Comm**MC 5770 Seminar in Communication Media****Prerequisites:** Graduate standing.**Description:** International communication, media history, legal research, new technology, women and the media, television and children, industrial television, and communication research. Offered for variable credit, 1-3 credit hours, maximum of 9 credit hours.**Credit hours:** 1-3**Contact hours:** Contact: 1-3 Other: 1-3**Levels:** Graduate**Schedule types:** Independent Study**Department/School:** Media & Strategic Comm**MC 5773 Censorship****Prerequisites:** Graduate standing.**Description:** Critical examination of historical and contemporary occurrences of censorship from legal, philosophical, political, religious and sociological perspectives. The course will explore the definition of censorship, the common elements found in all forms of censorship, the rationalizations and justifications for censorship, and the consequences and unintended results of censorship. No credit for students with credit in MMJ 4773.**Credit hours:** 3**Contact hours:** Lecture: 3 Contact: 3**Levels:** Graduate**Schedule types:** Lecture**Department/School:** Media & Strategic Comm**MC 5843 Sport Fanship****Prerequisites:** Graduate Standing.**Description:** An in-depth examination of modern sport fans and their relationship with the sports media industry. The class will define sport fanship in today's context, cover the many causes of fanship, and explore its social and psychological consequences.**Credit hours:** 3**Contact hours:** Lecture: 3 Contact: 3**Levels:** Graduate**Schedule types:** Lecture**Department/School:** Media & Strategic Comm**MC 5883 Media Management****Prerequisites:** Graduate Standing.**Description:** The focus of this course is on an integrated approach to the management in an organization, particularly grounded in organizational theory. Management concerns in mass communication practice, including public relations, brand management, digital production, multimedia journalism and sports media. Different emphases offered according to student demand or need.**Credit hours:** 3**Contact hours:** Lecture: 3 Contact: 3**Levels:** Graduate**Schedule types:** Lecture**Department/School:** Media & Strategic Comm**MC 5933 Theories of Persuasion****Prerequisites:** Graduate standing.**Description:** In order to extend our understanding of Strategic Communication, it is important to study the large body of scientific research dealing with persuasion and persuasive communication. This is not a course on how to be a better persuader, but instead a study of the theories of persuasion. However by exploring the academic literature on persuasion, many strategies can be learned and used to not only make us better communicators, but also to help us resist persuasive attempts that we may encounter as citizens and consumers.**Credit hours:** 3**Contact hours:** Lecture: 3 Contact: 3**Levels:** Graduate**Schedule types:** Lecture**Department/School:** Media & Strategic Comm**MC 5953 Strategic Health Communications Campaigns****Prerequisites:** Graduate standing.**Description:** The course will focus on theoretical approaches to health message design and the most effective and strategic use of traditional and new media outlets. Students also will review and discuss examples of past and current health communication campaigns in the United States and around the world. Integrating theory and practice, students will apply these concepts to design strategic communication campaigns for area health agencies and organizations.**Credit hours:** 3**Contact hours:** Lecture: 3 Contact: 3**Levels:** Graduate**Schedule types:** Lecture**Department/School:** Media & Strategic Comm**MMJ 2063 Fundamentals of Journalism****Prerequisites:** Departmental majors only. (MMJ, SPM, SC, and PMC.)**Description:** Basics of journalism, its role in society and problems and issues facing journalism. History, philosophy, ethics and current events will be discussed. Students also will practice the basics of interviewing and writing.**Credit hours:** 3**Contact hours:** Lecture: 3 Contact: 3**Levels:** Undergraduate**Schedule types:** Lecture**Department/School:** Media & Strategic Comm**MMJ 3153 Fundamentals of Video and Studio Production****Prerequisites:** MC 2003 and MC 2023 with a grade of "C" or better; and pass proficiency review.**Description:** Theory and practice of basic audio and video production techniques leading to later applications in radio, television and multi-media production. Previously offered as JB 3153.**Credit hours:** 3**Contact hours:** Lecture: 2 Lab: 2 Contact: 4**Levels:** Undergraduate**Schedule types:** Lab, Lecture, Combined lecture and lab**Department/School:** Media & Strategic Comm

### **MMJ 3203 News Writing**

**Prerequisites:** MC 2003 and MC 2023 with a grade of "C" or higher; and pass proficiency review.

**Description:** The basics of news writing, grammar and Associated Press will be stressed. Students will learn the basics of structuring news stories and how to write basic stories including fire, crime, accidents, obituaries, etc.

**Credit hours:** 3

**Contact hours:** Lecture: 2 Lab: 2 Contact: 4

**Levels:** Undergraduate

**Schedule types:** Lab, Lecture, Combined lecture and lab

**Department/School:** Media & Strategic Comm

### **MMJ 3263 Multimedia Reporting**

**Prerequisites:** MC 2003 and MC 2023 with a grade of "C" or better in both; and pass proficiency review.

**Description:** Introduces the basic sources, documents and reporting techniques needed to cover typical government beats. Real-world assignments provide practical experience reporting and writing on deadline across media platforms such as print, broadcast and Web. News judgment as well as interviewing, time- management and writing skills will be addressed. Gathering news in an ethical manner and telling substantive, multi-media stories that encompass the community's diversity are emphasized. Previously offered as JB 3263 and JB 2393.

**Credit hours:** 3

**Contact hours:** Lecture: 2 Lab: 2 Contact: 4

**Levels:** Undergraduate

**Schedule types:** Lab, Lecture, Combined lecture and lab

**Department/School:** Media & Strategic Comm

**Additional Fees:** AP Stylebook fee of \$5.30 applies.

### **MMJ 3293 Information Graphics**

**Prerequisites:** MMJ 3263 and MMJ 4423 with "C" or better and MMJ 4393 with "C" or better or concurrent, and pass proficiency review.

**Description:** Using computer-designed charts, maps, graphs, diagrams and other visual representations of information to tell the news. Combines theories of non-verbal communication and practical application. Includes the basic design concepts and techniques for creating TV and video graphics. Previously offered as JB 3293.

**Credit hours:** 3

**Contact hours:** Lecture: 2 Lab: 2 Contact: 4

**Levels:** Undergraduate

**Schedule types:** Lab, Lecture, Combined lecture and lab

**Department/School:** Media & Strategic Comm

### **MMJ 3313 Editing in a Multimedia Environment**

**Prerequisites:** MMJ 3263 with a grade of "C" or better, pass proficiency review.

**Description:** Principles and practice in editing copy for print, broadcast and Web, selecting pictures and video, and writing headlines, cutlines, blurbs, teases and promos. Strong emphasis placed on language usage and ethical decision-making. Previously offered as JB 3313 and JB 2413.

**Credit hours:** 3

**Contact hours:** Lecture: 2 Lab: 2 Contact: 4

**Levels:** Undergraduate

**Schedule types:** Lab, Lecture, Combined lecture and lab

**Department/School:** Media & Strategic Comm

### **MMJ 3553 Advanced Reporting**

**Prerequisites:** MMJ 3153 and MMJ 3263 with "C" or better in both, and pass proficiency review.

**Description:** News writing and reporting techniques combined with newsgathering technology to enable students to produce stories that can be featured across all media platforms. Previously offered as JB 3553.

**Credit hours:** 3

**Contact hours:** Lecture: 2 Lab: 2 Contact: 4

**Levels:** Undergraduate

**Schedule types:** Lab, Lecture, Combined lecture and lab

**Department/School:** Media & Strategic Comm

**Additional Fees:** JB Equipment Use fee of \$10 applies.

### **MMJ 3623 Internet Communication**

**Prerequisites:** MC 2003 and MC 2023 with a grade of "C" or better in each, and pass proficiency review.

**Description:** Theoretical and practical understanding of how the Internet is changing the way mass media and media-related organizations communicate with audiences. Previously offered as JB 3623.

**Credit hours:** 3

**Contact hours:** Lecture: 2 Lab: 2 Contact: 4

**Levels:** Undergraduate

**Schedule types:** Lab, Lecture, Combined lecture and lab

**Department/School:** Media & Strategic Comm

### **MMJ 3773 Voice Production and Performance**

**Prerequisites:** MC 2003 and MC 2023 with a grade of "C" or better in both; and pass proficiency review.

**Description:** Covers the physical aspects of voice production and how to train and maintain the voice for effective communication. Students will improve their interviewing skills and become more effective communicators, with emphasis on conducting live interviews, ad-libbing and working with a teleprompter.

**Credit hours:** 3

**Contact hours:** Lecture: 2 Lab: 2 Contact: 4

**Levels:** Undergraduate

**Schedule types:** Lab, Lecture, Combined lecture and lab

**Department/School:** Media & Strategic Comm

### **MMJ 3823 Photography I**

**Prerequisites:** MC 2003 and MC 2023 with a grade of C or better in each, pass proficiency review.

**Description:** Expression of visual communications through photography. Creating and producing photographs using digital equipment and understanding lenses, exposures, color and composition. Manipulation, color and tone correction of photography using photo-editing software. For students who want an elementary understanding of photography or to prepare for advanced work in photography or photojournalism. Previously offered as JB 3823.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Media & Strategic Comm



**MMJ 3873 Audio Production**

**Prerequisites:** MMJ 3153 with a grade of C or better; and pass proficiency review.

**Description:** Prepares students to work in radio and internet audio production and imaging. Students prepare and present materials in a broadcasting situation. Previously offered as JB 3873 and JB 2873.

**Credit hours:** 3

**Contact hours:** Lecture: 2 Lab: 2 Contact: 4

**Levels:** Undergraduate

**Schedule types:** Lab, Lecture, Combined lecture and lab

**Department/School:** Media & Strategic Comm

**MMJ 3900 Multimedia Journalism Internship**

**Prerequisites:** MMJ 3153 and MMJ 3263 with a grade of "C" or better and consent of instructor, and pass proficiency review.

**Description:** Internship practice for qualified multi-media journalism students who wish creative communications experience beyond that available in the classroom. Previously offered as JB 3900. Offered for variable credit, 1-3 credit hours, maximum of 6 credit hours.

**Credit hours:** 1-3

**Contact hours:** Contact: 1-3 Other: 1-3

**Levels:** Undergraduate

**Schedule types:** Independent Study

**Department/School:** Media & Strategic Comm

**MMJ 3913 Field Production**

**Prerequisites:** MMJ 3153 with a grade of "C" or better; and pass proficiency review.

**Description:** Video production techniques, including camera, audio, lighting, staging, producing, post production, graphics and on-camera performance. Project-driven and emulates actual client-based productions. Emphasizes constant planning and evaluation of productions. Previously offered as JB 3913.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Media & Strategic Comm

**MMJ 3943 Photojournalism**

**Prerequisites:** MC 2003 and MC 2023 with a grade of "C" or better in each, and pass proficiency review.

**Description:** Theory and practice in the digital techniques of photojournalism. Intermediate concepts of lighting, composition, action and storytelling via digital photography. A basic understanding of photography and photo developing necessary. Must have access to 35mm single reflex or digital camera. Previously offered as JB 3943.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Media & Strategic Comm

**MMJ 4243 Programs and Audiences**

**Prerequisites:** MC 2003 and MC 2023 with grades of "C" or better in both; and pass proficiency review.

**Description:** Audience analysis, proper construction of programs for greatest appeal and use of appeals to attract the desired audience. Program types, rating systems, program selection and audience attention. Design and discussion of programs to reach specific audiences. Previously offered as JB 4243.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Media & Strategic Comm

**MMJ 4253 Fundamentals of Broadcast Engineering**

**Prerequisites:** EET 3104 and MMJ 3153 with a grade of "C" or better in both; and pass proficiency review.

**Description:** An introduction to test equipment (vector scopes, waveform monitors, spectrum analyzer), FCC administrative Practices, EAS Standards, Broadcast Engineering documentations, RF and tower safety, Spectrum and frequency allocations, AF/FM/TV basic antennas structures, coupling, phasing, combining, coaxial and measurements. Microwave and STL systems, transmitters (FM/AM/TV high-low powered), fiber optics, satellite and cable TV systems. Computer networking basics (IPV4/6, topology including cloud bases systems) and digital distribution audio/video streaming (RTP, UDP, RTSP).

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Media & Strategic Comm

**MMJ 4313 Public Affairs Reporting**

**Prerequisites:** MMJ 3263 with a grade of "C" or better; and pass proficiency review.

**Description:** Reporting techniques empowering journalists to fulfill their watchdog role in a democracy. Practical experience in accurately reporting and writing on deadline. Focus on a multimedia mindset to tell the news of government through people. Emphasizes importance of human diversity and cultivating sources ethically. Stresses the use of government documents. Previously offered as JB 4313 and JB 3413.

**Credit hours:** 3

**Contact hours:** Lecture: 2 Lab: 2 Contact: 4

**Levels:** Undergraduate

**Schedule types:** Lab, Lecture, Combined lecture and lab

**Department/School:** Media & Strategic Comm



**MMJ 4393 Data Journalism**

**Prerequisites:** MMJ 3263 with a grade "C" or better, pass proficiency review; STAT 2013 or STAT 2023 or STAT 2053.

**Description:** Provides practical experience using the computer as a tool for data analysis while focusing on social science research methods. Combines the scientific method with the process approach to news writing. Teaches how to find and import data into a spreadsheet and systematically analyze it using basic and advanced techniques. The data analysis will generate an idea for a story for print or broadcast, which must be followed up with reporting and writing that stresses how people are affected. Previously offered as JB 4393.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Media & Strategic Comm

**Additional Fees:** AP Stylebook fee of \$5.30 applies.

**MMJ 4413 Advanced Reporting and Writing**

**Prerequisites:** MMJ 4313 with a grade of "C" or better; and pass proficiency review.

**Description:** Enhancement of writing style and reporting techniques; evaluation of sources and polling practices, and investigative coverage of newsmakers and events. Previously offered as JB 4413.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Media & Strategic Comm

**MMJ 4423 Graphic Design in Multimedia**

**Prerequisites:** MC 2003 and MC 2023 with "C" or better; and pass proficiency review.

**Description:** Design principles, techniques and practices for a converging media. Includes photo editing and introduction to type for print and online. Emphasizes ethical decision-making in content selection and placement. Previously offered as JB 4423 and JB 3423.

**Credit hours:** 3

**Contact hours:** Lecture: 2 Lab: 2 Contact: 4

**Levels:** Undergraduate

**Schedule types:** Lab, Lecture, Combined lecture and lab

**Department/School:** Media & Strategic Comm

**MMJ 4433 Feature Writing for Newspaper and Magazine**

**Prerequisites:** MC 2003 and MC 2023 with "C" or better; and pass proficiency review.

**Description:** Newspaper features and special articles for general circulation magazines, business and trade journals; sources, materials, markets and other factors pertinent to nonfiction writing. Previously offered as JB 4433.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Media & Strategic Comm

**MMJ 4540 Specialized Multimedia Journalism Applications**

**Prerequisites:** MMJ 3153 or MMJ 3263 with a grade of "C" or better and consent of department; and pass proficiency review.

**Description:** Professional journalism at an advanced level. Special topics in areas such as announcing, performance; political, business and investigative reporting; advanced layout and design or audio production; feature, column and editorial writing. Course content varies by semester. Meets with MC 5540. No credit for students in MC 5540. Previously offered as JB 4540. Offered for fixed 3 credit hours, maximum of 6 credit hours.

**Credit hours:** 3

**Contact hours:** Contact: 3 Other: 3

**Levels:** Undergraduate

**Schedule types:** Independent Study

**Department/School:** Media & Strategic Comm

**MMJ 4553 Newscast Production**

**Prerequisites:** MMJ 3553 with a grade of "C" or higher, pass proficiency review.

**Description:** Advanced skills in reporting, news producing, editing and anchoring. Students will assemble a video newscast or newsmagazine with content that is usable across various media platforms. Previously offered as JB 4553.

**Credit hours:** 3

**Contact hours:** Lecture: 2 Lab: 2 Contact: 4

**Levels:** Undergraduate

**Schedule types:** Lab, Lecture, Combined lecture and lab

**Department/School:** Media & Strategic Comm

**MMJ 4573 Broadcast Documentary**

**Prerequisites:** MMJ 3553 and MMJ 3913 with a grade of "C" or better in both; and pass proficiency review.

**Description:** Student-written and produced broadcast and cablecast mini-documentaries; analysis of selected programs. Previously offered as JB 4573.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Media & Strategic Comm

**MMJ 4753 Media and Elections**

**Prerequisites:** MC 2003 and MC 2023 with a grade of "C" or better in both; and pass proficiency review.

**Description:** Examination of media's role in the political process with primary emphasis on print and broadcast journalism practices. Meets with MC 5753. No credit for students with credit in MC 5753. Previously offered as JB 4753.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Media & Strategic Comm

**MMJ 4773 Censorship**

**Prerequisites:** MC 2003 and MC 2023 with a grade of "C" or better in both; and pass proficiency review.

**Description:** A critical examination of historical and contemporary occurrences of censorship from legal, philosophical, political, religious and sociological perspectives. The course will explore the definition of censorship, the common elements found in all forms of censorship, the rationalizations and justifications for censorship, and the consequences and unintended results of censorship. No credit for students with credit in MC 5773. Previously offered as JB 4773.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Media & Strategic Comm

**MMJ 4863 Media Management**

**Prerequisites:** MMJ 3263 with a grade of "C" or better; and pass proficiency review.

**Description:** Basic issues, concepts, operational procedures and strategies associated with effectively managing media corporations. Examines management operations related to media convergence. Emphasis is placed on making ethical decisions and administrative choices in staffing and content that reflect a community's diversity. No credit for students with credit in MC 5863. Previously offered as JB 4863.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Media & Strategic Comm

**MMJ 4953 Advanced Production Practices**

**Prerequisites:** MMJ 3913 and MMJ 3263 with a "C" or better; and pass proficiency review.

**Description:** Advanced professional television production. Student produced and directed television programs, including "specials," for distribution on cable or other professional media. Previously offered as JB 4953.

**Credit hours:** 3

**Contact hours:** Lecture: 2 Contact: 3 Other: 1

**Levels:** Undergraduate

**Schedule types:** Discussion, Combined lecture & discussion, Lecture

**Department/School:** Media & Strategic Comm

**MMJ 4960 Live Field Production**

**Prerequisites:** MMJ 3153 with a grade of "C" or better; and pass proficiency review or consent of instructor.

**Description:** Develop a live, in-the-field production from writing a program proposal to an actual live broadcast. Students determine what equipment is needed; conduct a site survey to develop a location plot for the site; determine the best location for the cameras and master control area; write a facilities request; and create scripts for the pre-parade show and the Homecoming parade broadcast. Students also learn proper techniques of in-the-field videography, switching (live editing), and audio. Previously offered as JB 4960. Offered for 3 fixed credit hours, maximum of 6 credit hours.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Media & Strategic Comm

**MMJ 4970 O-State Report**

**Prerequisites:** MMJ 3553 or SPM 3863 with a grade of "C" or better in each or concurrent enrollment in one, pass proficiency review, Instructor permission.

**Description:** Students will have the opportunity to anchor, report and produce for OStateReport, the campus newsmagazine that airs on OStateTV. The class will focus on development of executable news story ideas, writing and producing video news content, production of a news magazine, reporting and anchoring performance and development of a demo reel to be used to obtain professional employment. Offered for variable credit, 1-3 credit hours, maximum of 6 credit hours.

**Credit hours:** 1-3

**Contact hours:** Contact: 1-3 Other: 1-3

**Levels:** Undergraduate

**Schedule types:** Independent Study

**Department/School:** Media & Strategic Comm

**MMJ 4973 Multimedia Journalism Capstone**

**Prerequisites:** MMJ 3553 and MMJ 4393 each with a grade of "C" or better; and either MMJ 4953 or MMJ 3313 with a grade of "C" or better or concurrent enrollment in one; and pass proficiency review.

**Description:** Advanced principles and techniques for students specializing in both news and digital production. Students come together as teams to create multimedia news products.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Media & Strategic Comm

**SC 2183 Introduction to Strategic Communications**

**Prerequisites:** Departmental majors only.

**Description:** This course provides students with information and insights about strategic communications: how messages are created and framed, why we respond to messages the way we do, and how to employ communications strategies to advance organizational goals. The course will address the media, methods, functions and ethics of institutions' communication and interactions with a variety of audiences with an emphasis on public relations and advertising. Previously offered as JB 2183.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Media & Strategic Comm

**SC 3043 Entertainment in the Media**

**Prerequisites:** Departmental Majors Only (MMJ, SPM and SC).

**Description:** This class examines the evolution of storytelling beyond traditional film and television formats and delves into emerging technologies and distribution platforms that are shaping current and future entertainment content. Lectures, in-class exploration of new media content and special guest speakers, who will share their career achievements, challenges, and advances in their area of the evolving new media and gaming industry. Field trips to see special demonstrations of equipment and production.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Media & Strategic Comm

**SC 3353 Persuasive Writing for Strategic Communicators**

**Prerequisites:** MC 2003 and MC 2023 and SC 2183 with a grade of "C" or better in each, pass proficiency review.

**Description:** An examination of the language of persuasive communication, how persuasion works and the techniques of persuasive message strategy. Application of persuasive writing for traditional media and emerging digital media.

**Credit hours:** 3

**Contact hours:** Lecture: 2 Lab: 2 Contact: 4

**Levels:** Undergraduate

**Schedule types:** Lab, Lecture, Combined lecture and lab

**Department/School:** Media & Strategic Comm

**Additional Fees:** AP Stylebook fee of \$5.30 applies.

**SC 3383 Strategic Communications Management and Strategies**

**Prerequisites:** MC 2003 and MC 2023 and SC 2183 with a grade of "C" or better in each; and pass proficiency review.

**Description:** The practice and techniques of public relations as a management function in business, industry, agriculture, government, education and other fields. Course previously offered as JB 3383.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Media & Strategic Comm

**SC 3443 Social Media**

**Prerequisites:** MC 2003 and MC 2023 and SC 2183 with a grade of "C" or better in each; and pass proficiency review.

**Description:** The practice and application of social media such as Facebook, YouTube, Twitter, Instagram and other social networking platforms to strategic communications practice.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Media & Strategic Comm

**SC 3463 Event Planning and Communication**

**Prerequisites:** MC 2003 and MC 2023 and SC 2183 with a grade of "C" or better in each or permission of instructor.

**Description:** This course covers the fundamentals of event planning from a strategic communications perspective. Teaches a variety of aspects involved in event planning including creating a vision and strategic plan, understanding various marketing strategies, budget management, networking, conference design, and assessment. Attendance of two events outside of class are required.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Media & Strategic Comm

**SC 3483 Nonprofit Communications**

**Prerequisites:** MC 2003 and MC 2023 and SC 2183 with a grade of "C" or better in each; and pass proficiency review.

**Description:** This course will offer an overview of branding and communications concepts, helping students approach branding in a way that builds commitment to their organization's mission, increases trust, creates ambassadors, and strengthens impact. Students will gain a basic familiarity with a variety of branding principles, fundraising techniques and develop strategic communication recommendations for an organization with which they are familiar.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Media & Strategic Comm

**SC 3600 Strategic Communications Internship**

**Prerequisites:** SC 3353 and SC 3753 with a grade of "C" or better in both and consent of instructor; and pass proficiency review.

**Description:** Internship practice for qualified strategic communications students who wish creative communications experience beyond that available in the classroom. Course previously offered as JB 3600. Offered for variable credit, 1-3 credit hours, maximum of 6 credit hours.

**Credit hours:** 1-3

**Contact hours:** Contact: 1-3 Other: 1-3

**Levels:** Undergraduate

**Schedule types:** Independent Study

**Department/School:** Media & Strategic Comm

**SC 3603 Copywriting and Creative Strategy**

**Prerequisites:** SC 3353 and SC 3753 with "C" or better in both; and pass proficiency review.

**Description:** Emphasis on developing creative strategy in the context of an advertising campaign. Focus on the "Big Idea" with in-depth skills development in advertising copywriting across all media and formats. Course previously offered as JB 3603.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Media & Strategic Comm

**SC 3753 Graphic Design for Strategic Communication**

**Prerequisites:** MC 2003 and MC 2023, and SC 2183 with a grade of "C" or better in each, pass proficiency review.

**Description:** An analysis and application course focused on designing elements used in strategic communication to include both traditional media and new media. Creative and practical aspects of typography, layout and design. Lab component offers hands-on instruction and skills development. Course previously offered as JB 3753.

**Credit hours:** 3

**Contact hours:** Lecture: 2 Lab: 2 Contact: 4

**Levels:** Undergraduate

**Schedule types:** Lab, Lecture, Combined lecture and lab

**Department/School:** Media & Strategic Comm

**SC 3953 Research Methods for Strategic Communicators**

**Prerequisites:** MC 2003 and MC 2023 and SC 2183 with a grade of "C" or better in each; and STAT 2013 or STAT 2053; and pass proficiency review.

**Description:** Provides an overview of strategic communication research, with an emphasis on its application to the development and evaluation of the strategic communication message. Audience and media research are studied, and primary and secondary information sources are employed. Procedures for conducting a research project are outlined, and students participate in the research planning process, the gathering of primary data, and the analysis and presentation of results.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Media & Strategic Comm

**SC 4013 Advertising Media and Markets**

**Prerequisites:** MC 2003 and MC 2023 and SC 2183 with a grade of "C" or better in each; and STAT 2013 or STAT 2053; and pass proficiency review.

**Description:** Introduction to the strategic use of media. Major principles of media planning and buying, audience measurement, media research, new media technology, and market segmentation. Course previously offered as JB 3013.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Media & Strategic Comm

**SC 4063 Media Performance**

**Prerequisites:** SC 3353 and SC 3753 with grade of "C" or better and pass proficiency review.

**Description:** This class teaches strategic and social media communicators the technical skills and creative principles required to plan, shoot and edit entertainment and information-based video projects. Students will produce a campaign video for their custom channel and produce content that is engaging, entertaining and informative across multiple platforms as they gain the experience and confidence needed to perform in today's ever-evolving media world. There will be live and taped broadcast opportunities.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Media & Strategic Comm

**SC 4223 Media Sales and Marketing**

**Prerequisites:** MC 2003 and MC 2023 with a grade of "C" or better in both; and pass proficiency review.

**Description:** The primary focus of this course is to learn to sell advertising time and space and gain insight into the professional sales process. Course will explore the role of sales in the marketing mix, the intricacies of the different local media available to advertisers, how to make effective sales presentations and the art of prospecting. Course previously offered as JB 4223.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Media & Strategic Comm

**SC 4383 Media Relations**

**Prerequisites:** Senior standing, minimum graduation/retention GPA of 2.5.

**Description:** Strategies for dealing with the news media. Students will gain hands-on experience in conducting media news conferences, pitching story ideas and preparing themselves and other for dealing with news media interviews. Meets with MC 5383. No credit for students with credit in MC 5383. Course previously offered as JB 4383.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Media & Strategic Comm

**SC 4493 Advanced Public Relations Writing**

**Prerequisites:** SC 3353 and SC 3753 with a grade of "C" or better in both; and pass proficiency review.

**Description:** An advanced application course in creating, planning, researching, writing, editing and designing of multimedia materials used in public relations communications. Previously offered as JB 4493.

**Credit hours:** 3

**Contact hours:** Lecture: 2 Lab: 2 Contact: 4

**Levels:** Undergraduate

**Schedule types:** Lab, Lecture, Combined lecture and lab

**Department/School:** Media & Strategic Comm

**Additional Fees:** AP Stylebook fee of \$5.30 applies.

**SC 4520 Specialized Strategic Communication Applications**

**Prerequisites:** SC 3353 and SC 3753 with a grade of "C" or better in both; and pass proficiency review.

**Description:** Professional strategic communications at an advanced level. Strategic communications study of non-profit, corporate, agency, international and other specialized applications. Course content varies by semester. No credit for students with credit in MC 5520 during the same semester or with the same subtitle. Course previously offered as JB 4520. Offered for fixed 3 credit hours, maximum of 9 credit hours.

**Credit hours:** 3

**Contact hours:** Contact: 3 Other: 3

**Levels:** Undergraduate

**Schedule types:** Independent Study

**Department/School:** Media & Strategic Comm

**SC 4603 Integrated Marketing Communication**

**Prerequisites:** MC 2003 and MC 2023; and SC 2183 or MKTG 3213 with a grade of "C" or better in each; and pass proficiency review.

**Description:** Planning and the value of coordinating the various promotional mix elements within a communication campaign to create maximum clarity and impact. Communication elements including advertising, public relations, direct marketing and sales promotion and examine strategies for combining and integrating them into an effective campaign. Theories, models and tools to make better promotional communication decisions. No credit for students with credit in MC 5603. Course previously offered as JB 4603.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Media & Strategic Comm

**SC 4653 Electronic Media Advertising**

**Prerequisites:** SC 3353 and SC 3753 each with a grade of "C" or better; and pass proficiency review.

**Description:** Introduction to the strategic use of entertainment marketing and new media in advertising. Major principles of engagement through current trends in advertising and branding via new technologies, product placement, sponsorship, and cross promotions. All types of new media and entertainment marketing will be explored and analyzed including, but not limited to, Internet advertising, product placement in film, TV and gaming, mobile marketing, and viral marketing. Course previously offered as JB 4653.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Media & Strategic Comm

**SC 4663 Professional Portfolio**

**Prerequisites:** SC 3353 and SC 3753; or MMJ 4423 with a grade of "C" or better in each; or permission of instructor; and pass proficiency review.

**Description:** Designed to help students polish and present their design and creative work in an integrated package coupled with personalized identity materials. Emphasis will be on applying advanced visual and graphic communication theories to present an attractive and persuasive portfolio of creative work. It is intended for students who have completed a significant amount of course work in their field. An intermediate level of experience with desktop design software is assumed.. Course previously offered as JB 4663.

**Credit hours:** 3

**Contact hours:** Lecture: 2 Lab: 2 Contact: 4

**Levels:** Undergraduate

**Schedule types:** Lab, Lecture, Combined lecture and lab

**Department/School:** Media & Strategic Comm

**SC 4743 Entertainment Media Campaigns**

**Prerequisites:** SC 3043 and SC 3443 and SC 3353 and SC 3753 and SC 4013 and MMJ 3153; and MMJ 4573 or MMJ 4960; with a grade of "C" or better in all and pass proficiency review.

**Description:** Students complete a theoretical or applied project during the semester focusing on theoretical/methodological concerns in media and entertainment and their implications for our understanding of media in society. The course culminates in a paper/project that integrates, critiques, extends and applies knowledge gained from prior media and entertainment courses. Students present their own projects and contribute to substantive discussions of presentations by other students.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Media & Strategic Comm

**SC 4763 Social Media Campaigns**

**Prerequisites:** SC 3443 and SC 4013 and SC 4063 and SC 4653 and SC 4493 with grade of "C" or better in each, pass proficiency review.

**Description:** Considering the latest industry standards and best practices in digital communication, this course will focus on social media monitoring, strategic design, creative engagement, and social media campaign evaluation. This course guides students through the process of developing a robust social media campaign for an organization or environment. Emphasis on the role of social influence including the development, value, and role of social media in mass communication.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Media & Strategic Comm

**SC 4843 Strategic Communication Campaigns**

**Prerequisites:** SC 3383, SC 3953, SC 4013; and SC 3603 OR SC 4493 ALL with "C" or better; or permission of instructor, and pass proficiency review.

**Description:** Planning, preparation and presentation of comprehensive integrated strategic communication campaigns for national or local clients. Student teams produce all aspects of the campaign, from conception to presentation. Satisfies capstone requirements for strategic communication majors. Course previously offered as JB 4843.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Media & Strategic Comm

**SC 4980 Advertising Competitions**

**Prerequisites:** Consent of instructor.

**Description:** Research and construction of a comprehensive communications marketing campaign for the America Advertising Federation National Student Advertising Competition. Student team members must make application for admission. Offered for fixed credit, 3 credit hours, maximum of 6 credit hours.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Media & Strategic Comm

**SPM 1883 Introduction to eSports**

**Description:** This course introduces students to eSports. Students will learn about this history of eSports, the rapidly growing world of gaming, genres, streaming, lifestyle, careers, and the various eSports communities to understand how their different roles affect each other. We will begin to explore ways in which eSports are deeply rooted within media and broadcasting. Students will be able to demonstrate their ability to work as a group through team building exercises and effective team communication.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Media & Strategic Comm



**SPM 2843 Sports and the Media**

**Prerequisites:** Departmental majors only.

**Description:** The introductory course for sports media majors. Sports is a major industry in the United States today, and this course is designed to study that industry and the opportunities for and responsibilities of the journalists who cover it. Topics covered include the evolution of the sports media, sports media relations, ethics and the sports media, racial and gender issues in sports and the media, and multimedia sports journalism in the 21st century. Course previously offered as JB 2843.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Media & Strategic Comm

**SPM 3500 Sports Media Internship**

**Prerequisites:** MMJ 3263 and MMJ 3153 or (SC 3353 and SC 3753) with a grade of "C" or better and consent of instructor; and pass proficiency review.

**Description:** Internship practice for qualified sports media students who wish creative communications experience beyond that available in the classroom. Course previously offered as JB 3500. Offered for variable credit, 1-3 credit hours, maximum of 6 credit hours.

**Credit hours:** 1-3

**Contact hours:** Contact: 1-3 Other: 1-3

**Levels:** Undergraduate

**Schedule types:** Independent Study

**Department/School:** Media & Strategic Comm

**SPM 3783 Sports Public Relations**

**Prerequisites:** SPM 2843 and MC 2003 and MC 2023 with a grade of "C" or better in each; and pass proficiency review.

**Description:** Provides an overview and introduction to the practice of public relations within the sport industry. The primary focus of the course is on the role of public relations in all aspects of sport, fundamentals of sport publicity and promotional campaigns. Course previously offered as JB 3783.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Media & Strategic Comm

**SPM 3813 Sports Reporting Across the Media**

**Prerequisites:** MC 2003 and MC 2023 with a grade of "C" or higher in both; and pass proficiency review.

**Description:** This course provides an introductory reporting course specifically for aspiring professionals of major sectors of the sport media industry (i.e., television, internet sites, public relations, newspapers, radio, Twitter and magazines). Students learn the basics of game summaries, keeping accurate statistics, conducting interviews, structuring stories, incorporating quotes in sports media content, all while adhering to AP style and ethical standards of journalism and communications professionals.

**Credit hours:** 3

**Contact hours:** Lecture: 2 Lab: 2 Contact: 4

**Levels:** Undergraduate

**Schedule types:** Lab, Lecture, Combined lecture and lab

**Department/School:** Media & Strategic Comm

**SPM 3843 Contemporary Sports Media**

**Prerequisites:** MC 2003 and MC 2023 with grade of "C" or better in both; and pass proficiency review.

**Description:** Contemporary Sports Media will examine ethical and cultural considerations of the sports media as they pertain to sports gambling, drugs in sports, athletes and crime, privacy of athletes, gender and race in sports, international sports, labor issues in sports, and how the Internet is changing sports coverage.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Media & Strategic Comm

**SPM 3863 Electronic Sports Reporting**

**Prerequisites:** MMJ 3153 and MMJ 3263 and SPM 3813 each with a grade of "C" or better; and pass proficiency review.

**Description:** Introduces students to various types of radio and television sports stories in the media. Students will learn to write in the aural style for broadcast/Web cast format. The course will emphasize other performance situations, such as producing and anchoring radio and television sportscasts. Students will be graded based on a combination of projects and testing.

**Credit hours:** 3

**Contact hours:** Lecture: 2 Lab: 2 Contact: 4

**Levels:** Undergraduate

**Schedule types:** Lab, Lecture, Combined lecture and lab

**Department/School:** Media & Strategic Comm

**SPM 3880 Topics in eSports**

**Description:** Special topics in the field of eSports such as: eSports history, on-air talent, broadcasting, competition management, program coordination, brand management, promotion and advertising. Course content varies by semester. Each topic covered in the course is intended broaden students' horizons on the scope of, and ability to participate in, the eSports universe. No credit for students with previous credit for this course with same subtitle. Offered for variable credit, 1-3 credit hours, maximum of 9 credit hours.

**Credit hours:** 1-3

**Contact hours:** Lecture: 1-3 Contact: 1-3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Media & Strategic Comm

**SPM 4053 Sports Announcing**

**Prerequisites:** MMJ 3153 and MMJ 3263 with a grade of "C" or better; and pass proficiency review.

**Description:** Focuses on the theory and practice of electronic media sports coverage, with an emphasis on the role, skills and practices of radio and TV sports announcers and electronic sports media journalism. The class includes play-by-play broadcasts and a class project. Course previously offered as JB 4053.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Media & Strategic Comm



**SPM 4560 Specialized Sports Media Applications**

**Prerequisites:** SPM 2843, and (SC 3353 or MMJ 3263 or MMJ 3153 with a grade of "C" or better); and pass proficiency review.

**Description:** Professional sports media at an advanced level. Special topics in areas such as sports media production, announcing, performance; sports feature, column and editorial writing. Course content varies by semester. No credit for students in MC 5560 during same semester or with same subtitle. Course previously offered as JB 4560. Offered for fixed 3 credit hours, maximum of 6 credit hours.

**Credit hours:** 3

**Contact hours:** Contact: 3 Other: 3

**Levels:** Undergraduate

**Schedule types:** Independent Study

**Department/School:** Media & Strategic Comm

**SPM 4813 Sports Media Production**

**Prerequisites:** SPM 2843 and MMJ 3263 and MMJ 3913 with a grade of "C" or better; and pass proficiency review.

**Description:** After completing this course students will be able to develop, write, pre-produce, produce, perform as talent and post-produce programming for broadcast sports media. By becoming proficient with specific production and performance techniques, you will be qualified to pursue an internship and/or employment with a media organization. Previously offered as JB 4813.

**Credit hours:** 3

**Contact hours:** Lecture: 2 Lab: 2 Contact: 4

**Levels:** Undergraduate

**Schedule types:** Lab, Lecture, Combined lecture and lab

**Department/School:** Media & Strategic Comm

**SPM 4833 Sports Information Systems**

**Prerequisites:** MMJ 3263 or SPM 3813 with a grade of "C" or higher; and pass proficiency review.

**Description:** This course teaches basic skills needed to work in sport public relations/sport media relations. Students produce their own game stories, apply AP Style sports writing, utilize Stat Crew software, how to keep and record statistics, and best practices for using social media and handling crises communication in sports.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Media & Strategic Comm

**SPM 4853 Advanced Sports Writing**

**Prerequisites:** SPM 2843 and SPM 3813 and MMJ 3263 with a grade of "C" or better in each; and pass proficiency review.

**Description:** Advanced sports writing and reporting, which includes a wide variety of writing and reporting assignments, leading to an emphasis on enterprise and investigative reporting, as well as long-form features. Final projects should be of such quality to serve as the lead products in individual student portfolios. Same course as JB 3853 and SPM 3853.

**Credit hours:** 3

**Contact hours:** Lecture: 2 Lab: 2 Contact: 4

**Levels:** Undergraduate

**Schedule types:** Lab, Lecture, Combined lecture and lab

**Department/School:** Media & Strategic Comm

**SPM 4883 Sports Media Capstone**

**Prerequisites:** SPM 3863 and MMJ 4393 each with a grade of "C" or better, and either SPM 4853 or SPM 4813 each with a grade of "C" or better or concurrent enrollment in one; and pass proficiency review.

**Description:** Capstone course for multimedia sports majors, giving them the opportunity to apply the skills they have learned to a final project that will be coordinated with a media outlet with the goal of publication. In addition, students will work on writing for print and electronic media, multimedia sports programming, management skills, and ethics and cultural issues in sports media. Course previously offered as JB 4883.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Media & Strategic Comm

**SPM 4933 Sports Information Capstone**

**Prerequisites:** SPM 3783, SPM 3813 and SPM 4833, and MMJ 3153 and MMJ 4393 and SC 3753 with a grade of "C" or better in each; and pass proficiency review.

**Description:** This course examines critical, contemporary issues, and teaches skills and best practices needed for sports information and the sports public relations profession. Particular focus is placed on best practices and responses in the digital age.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Media & Strategic Comm

## Undergraduate Programs

- Multimedia Journalism, BA (p. 1460)
- Multimedia Journalism, BS (p. 1463)
- Sports Media, BA (p. 1466)
- Sports Media, BS (p. 1469)
- Strategic Communication: Advertising and Public Relations, BA (p. 1472)
- Strategic Communication: Advertising and Public Relations, BS (p. 1475)
- Strategic Communication: Entertainment Media, BA (p. 1478)
- Strategic Communication: Entertainment Media, BS (p. 1481)
- Strategic Communication: Social Media, BA (p. 1484)
- Strategic Communication: Social Media, BS (p. 1487)

## Graduate Programs

The School of Media and Strategic Communications offers courses leading to the degree of Master of Science in mass communications. Preferred qualifications for admission to the master's program include a bachelor's degree in an area of mass communication with an overall grade-point average of 3.0. The Graduate Record Exam (GRE) is not required. Graduates of a non-mass communication discipline may enter the Master of Science program, with the stipulation that they complete, without graduate credit, foundation courses relevant to career interests during the first year of their graduate education.

Specialty tracks in brand communication, global communication, and sports communication are offered. Basic emphasis is on the application of communication theories and research to the professional aspects of

mass communication. Electives in the behavioral sciences or business management are encouraged.

## Faculty

Craig Freeman, JD—Professor and Director

**Professor:** Jami Fullerton, PhD (Peggy Welch Chair in Integrated Marketing Communications); Edward Kian, PhD (Welch-Bridgewater Chair of Sports Media); John McGuire, PhD

**Associate Professors:** Jack Hodgson, MA; Bobbi Kay Lewis, PhD; Jared Johnson, PhD; Lori McKinnon, PhD; Ray Murray, MS; Joey Senat, PhD

**Assistant Professors:** Mikyeung Bae, PhD; Asya Cooley, PhD; Skye Cooley, PhD; Rachel Lim, PhD; Benetta Liu, PhD

**Associate Professors of Professional Practice:** Gina Noble, MS

**Assistant Professors of Professional Practice:** Andrew Abernathy, MA; Rosemary Avance, PhD

# Multimedia Journalism, BA

## Degree Requirements

**Requirements for Students Matriculating in or before Academic Year 2022-2023.** Learn more about University Academic Regulation 3.1 (p. 943).

**Minimum Overall Grade Point Average:** 2.00

**Total Hours:** 120

Code	Title	Hours
<b>General Education Requirements</b>		
<i>English Composition</i>		
See Academic Regulation 3.5 (p. 944)		
ENGL 1113	Composition I	3
or ENGL 1313	Critical Analysis and Writing I	
Select one of the following:		3
ENGL 1213	Composition II	
ENGL 1413	Critical Analysis and Writing II	
ENGL 3323	Technical Writing	
<i>American History &amp; Government</i>		
HIST 1103	Survey of American History	3
or HIST 1483	American History to 1865 (H)	
or HIST 1493	American History Since 1865 (DH)	
POLS 1113	American Government	3
<i>Analytical &amp; Quantitative Thought (A)</i>		
STAT 2013	Elementary Statistics (A)	3
or STAT 2053	Elementary Statistics for the Social Sciences (A)	
<i>Humanities (H)</i>		
Courses designated (H)		6
<i>Natural Sciences (N)</i>		
Must include one Laboratory Science (L) course		
Courses designated (N)		6
<i>Social &amp; Behavioral Sciences (S)</i>		
ECON 1113	The Economics of Social Issues (S)	3
or ECON 2103	Introduction to Microeconomics (S)	
MC 1143	Media in a Diverse Society (DS)	3
SPCH 2713	Introduction to Speech Communication (S)	3
<i>Additional General Education</i>		
Courses designated (A), (H), (N), or (S)		4
<b>Hours Subtotal</b>		<b>40</b>
<b>Diversity (D) &amp; International Dimension (I)</b>		
May be completed in any part of the degree plan		
Select at least one Diversity (D) course		
Select at least one International Dimension (I) course		
<b>College/Departmental Requirements</b>		
<i>First Year Seminar</i>		
(Transfer students with 15 hours exempt)		1
<i>Arts &amp; Humanities</i>		
See note 2.a.		9
<i>Natural &amp; Mathematical Sciences</i>		
See note 2.b.		3
<i>Foreign Language</i>		

See note 3	9	
<i>Non-Western Studies</i>		
At least one course		
See note 2.d.		
<i>Upper-Division General Education</i>		
Select 6 hours outside major department		
See note 2.c.		
<b>Hours Subtotal</b>	<b>22</b>	
<b>Major Requirements</b>		
Minimum 2.50 GPA. Minimum grade of "C" in all MC-MMJ-SC-SPM prefix courses.		
<i>Lower-division Professional Sequence</i>		
2.75 GPA and declared major required		
MC 2003	Mass Media Style and Structure	3
MC 2023	Electronic Communication	3
MMJ 2063	Fundamentals of Journalism	3
<i>Upper-division Professional Sequence</i>		
Proficiency Review required		
MC 4143	Ethics and Issues in Mass Communications	3
MC 4163	Mass Communication Law	3
MMJ 3153	Fundamentals of Video and Studio Production	3
MMJ 3263	Multimedia Reporting	3
MMJ 3553	Advanced Reporting	3
MMJ 4393	Data Journalism	3
MMJ 4973	Multimedia Journalism Capstone	3
Select 9 hours of MC-MMJ-SC-SPM (3 hours must be upper-division)		9
Select 3 hours of upper-division Traditional Liberal Arts (A&S, AERO, AMIS, AMST, ANTH, ART, ASL, ASTR, BIOL, CDIS, CHEM, CHIN, CS, DANC, DIVR, ENGL, FLL, FREN, GEOG, GEOL, GREK, GRMN, GWST, HIST, JAPN, LATN, MATH, MICR, MUSI, PHIL, PHYS, POLS, PSYC, REL, RUSS, SOC, SPAN, SPCH, STAT, TH) or Business or Gen Ed		3
<i>Emphasis</i>		
Complete one Area of Emphasis (p. 1461)		12
<b>Hours Subtotal</b>	<b>54</b>	
<b>Electives</b>		
Select 4 hours		4
May need to include 6 hours upper-division general education outside major department (see note 2.c.) and 1 additional upper division hour		
May not be able to use additional courses in MC-MMJ-SC-SPM MATH 1483 or MATH 1513 required for students not placing directly into STAT		
<b>Hours Subtotal</b>	<b>4</b>	
<b>Total Hours</b>	<b>120</b>	

A 2.75 graduation retention GPA and at least 24 hours completed required to initially declare major. Passing the proficiency review is required for upper-division major requirements. This includes a 2.75 graduation retention GPA, and at least 12 OSU hours earned, and a 2.75 OSU GPA, and a passing score on the Language Proficiency Exam.

A minimum of 72 hours must be taken outside of MC-MMJ-SC-SPM. No more than 12 hours in MC-MMJ-SC-SPM can be transferred from other institutions.

Students are required to develop and maintain a portfolio exhibiting specific and appropriate work including required class assignments.

## Areas of Emphasis

### Multimedia News Emphasis

Code	Title	Hours
MMJ 3313	Editing in a Multimedia Environment	3
MMJ 4313	Public Affairs Reporting	3
Select 6 hours of upper-division POLS		6

### Multimedia Production Emphasis

Code	Title	Hours
MMJ 3913	Field Production	3
MMJ 4953	Advanced Production Practices	3
Select 6 hours of upper-division Traditional Liberal Arts (A&S, AERO, AMIS, AMST, ANTH, ART, ASL, ASTR, BIOL, CDIS, CHEM, CHIN, CS, DANC, DIVR, ENGL, FLL, FREN, GEOG, GEOL, GREK, GRMN, GWST, HIST, JAPN, LATN, MATH, MICR, MUSI, PHIL, PHYS, POLS, PSYC, REL, RUSS, SOC, SPAN, SPCH, STAT, TH) or Business or Gen Ed		6

## Other Requirements

- See the College of Arts and Sciences Requirements.
- Minimum 2.50 GPA in all MC-MMJ-SC-SPM prefix courses.
- **Upper-Division Credit:** Total hours must include at least 40 hours in courses numbered 3000 or above.
- **Hours in One Department:** The School of Media and Strategic Communications requires that no more than 48 hours in MC-MMJ-SC-SPM may be applied to degree requirements.

## College of Arts and Sciences Requirements

### 1. General Education Requirements

No more than two courses (or eight hours) from the major department (<http://catalog.okstate.edu/college-arts-sciences-major-departments/>) may be used to meet General Education and College and Departmental Requirements. The General Education required English Composition, required U.S. History, required American Government, one required MATH or STAT course, and required foreign language for B.A. degrees do not count against the two-course maximum.

### 2. A&S College/Departmental Requirements

- Arts and Humanities are defined as any course carrying an (H) designation or courses from AMST, ART, DANC, ENGL (except ENGL 3323 Technical Writing) HIST, MUSI, PHIL (except PHIL 1313 Logic and Critical Thinking (A), PHIL 3003 Symbolic Logic (A) and PHIL 4003 Mathematical Logic and Computability), REL, TH, and foreign languages.
- Natural and Mathematical Sciences are defined as any course from the following prefixes: ASTR, BIOC, BIOL, CHEM, CS (except CS 4883 Social Issues in Computing), GEOL, MATH, MICR, PBIO, PHYS, and STAT; or courses from other departments that carry an (A) or (N) general education designation.

- The required six hours of upper-division General Education may not include courses from the student's major department. This requirement may be satisfied by courses also used to satisfy any part of a student's degree program (i.e., in General Education, College Departmental Requirements, Major Requirements or Electives).
- Non-Western Studies Requirement for B.A. and B.F.A.; One 3-hour course in Non-Western Studies (N.W.). This requirement may be satisfied by courses also used to satisfy any part of a student's degree program (i.e., in General Education, College Departmental Requirements, Major Requirements or Electives).
- The College of Arts & Sciences requires a minimum 2.0 GPA in all major requirements and a minimum 2.0 GPA in all major-prefix courses applied to the degree.

### 3. Foreign Language Proficiency

- The foreign language requirement for the B.A. may be satisfied by 9 hours college credit in the same language, which must include 3 hours at the 2000-level, or equivalent proficiency (e.g., passing an advanced standing examination; TOEFL exam; presenting a high school transcript which demonstrates the high school was primarily conducted in a language other than English; etc.). Computer Science courses may not be used to satisfy this requirement. Currently Arabic and Mvskoke are not offered at the 2000-level at OSU.
- The foreign language requirement for the B.S., B.M. and B.F.A. may be satisfied by presenting a high school transcript which demonstrates two years of study of a single foreign language (passing grades at second-year level of study). It may also be satisfied by 6 hours college credit in the same language, which must include language courses 1713 and 1813, or equivalent proficiency (e.g., passing an advanced standing examination; TOEFL exam; presenting a high school transcript which demonstrates the high school was primarily conducted in a language other than English; etc.). Computer Science courses may not be used to satisfy this requirement.
- In addition to a. and b., students pursuing teacher certification must meet novice-high foreign language proficiency by presenting a high school transcript which demonstrates two years of study of a single foreign language with no grade below B. Or, students may complete 3 hours college credit in a single language with no grade below C (or pass an advanced standing examination, College Level Examination Program (CLEP) exam, or Oral Proficiency Interview developed by the American Council on the Teaching of Foreign Languages, equivalent to 3 hours of college credit.) Or, students may meet the requirement by transfer of documentation of meeting the foreign language competency from one of the teacher education programs in the State of Oklahoma approved by the Oklahoma State Regents for Higher Education.

### 4. Exclusions

- Courses used to satisfy the General Education English Composition, U.S. History, American Government, and Mathematics or Statistics requirements will not count toward the 54-hour maximum allowed from one department.
- Courses with ATHL or LEIS prefixes and leisure activity courses may not be used for degree credit.

## Additional State/OSU Requirements

- At least: 60 hours at a four-year institution; 30 hours completed at OSU; 15 of the final 30 or 50% of the upper-division hours in the major field completed at OSU.
- Limit of: one-half of major course requirements as transfer work; one-fourth of hours earned by correspondence; 8 transfer correspondence hours.
- Students will be held responsible for degree requirements in effect at the time of matriculation and any changes that are made, so long as these changes do not result in semester credit hours being added or do not delay graduation.
- Degrees that follow this plan must be completed by the end of Summer 2028.

## Example Plan of Study

### Finish in Four Plan of Study

The plan below is an example of how students can successfully complete degree requirements in four years. This suggested class schedule plan may be used as a guide and can be adjusted based on individual needs. Students are required to meet with an academic advisor prior to enrollment each semester to plan their class schedule, and students are ultimately responsible for completing all degree requirements.

Course	Title	Hours
<b>Freshman</b>		
<b>Fall</b>		
ENGL 1113	Composition I	3
MATH 1483 or MATH 1513	Mathematical Functions and Their Uses (A) or College Algebra (A)	3
General Education courses		8
<b>Hours</b>		<b>14</b>
<b>Spring</b>		
ENGL 1213	Composition II	3
STAT 2013 or STAT 2053 or STAT 2023	Elementary Statistics (A) or Elementary Statistics for the Social Sciences (A) or Elementary Statistics for Business and Economics (A)	3
General Education courses		10
<b>Hours</b>		<b>16</b>
<b>Sophomore</b>		
<b>Fall</b>		
MMJ 2063	Fundamentals of Journalism	3
MC 2003	Mass Media Style and Structure	3
MC 2023	Electronic Communication	3
1713 First Semester Foreign Language		3
General Education courses		3
<b>Hours</b>		<b>15</b>
<b>Spring</b>		
MMJ 3153	Fundamentals of Video and Studio Production	3
MMJ 3263	Multimedia Reporting	3
1813 Second Semester Foreign Language		3
College and Elective courses		6
<b>Hours</b>		<b>15</b>
<b>Junior</b>		
<b>Fall</b>		
MMJ 3313 or MMJ 3913	Editing in a Multimedia Environment or Field Production	3
MMJ 4393	Data Journalism	3
2000-level Foreign Language		3

Major, College, and Elective courses		6
<b>Hours</b>		<b>15</b>
<b>Spring</b>		
MMJ 4313 or MMJ 4953	Public Affairs Reporting (Sp) or Advanced Production Practices	3
MC 4143	Ethics and Issues in Mass Communications	3
Major, College, and Elective courses		9
<b>Hours</b>		<b>15</b>
<b>Senior</b>		
<b>Fall</b>		
MMJ 3553	Advanced Reporting	3
MC 4163	Mass Communication Law	3
Major, College, and Elective courses		9
<b>Hours</b>		<b>15</b>
<b>Spring</b>		
MMJ 4973	Multimedia Journalism Capstone (Sp)	3
Major, College, and Elective courses		12
<b>Hours</b>		<b>15</b>
<b>Total Hours</b>		<b>120</b>

# Multimedia Journalism, BS

## Degree Requirements

**Requirements for Students Matriculating in or before Academic Year 2022-2023.** Learn more about University Academic Regulation 3.1 (p. 943).

**Minimum Overall Grade Point Average:** 2.00

**Total Hours:** 120

Code	Title	Hours
<b>General Education Requirements</b>		
<i>English Composition</i>		
See Academic Regulation 3.5 (p. 944)		
ENGL 1113	Composition I	3
or ENGL 1313	Critical Analysis and Writing I	
Select one of the following:		3
ENGL 1213	Composition II	
ENGL 1413	Critical Analysis and Writing II	
ENGL 3323	Technical Writing	
<i>American History &amp; Government</i>		
HIST 1103	Survey of American History	3
or HIST 1483	American History to 1865 (H)	
or HIST 1493	American History Since 1865 (DH)	
POLS 1113	American Government	3
<i>Analytical &amp; Quantitative Thought (A)</i>		
STAT 2013	Elementary Statistics (A)	3
or STAT 2053	Elementary Statistics for the Social Sciences (A)	
<i>Humanities (H)</i>		
Courses designated (H)		6
<i>Natural Sciences (N)</i>		
Must include one Laboratory Science (L) course		
Courses designated (N)		6
<i>Social &amp; Behavioral Sciences (S)</i>		
ECON 1113	The Economics of Social Issues (S)	3
or ECON 2103	Introduction to Microeconomics (S)	
MC 1143	Media in a Diverse Society (DS)	3
SPCH 2713	Introduction to Speech Communication (S)	3
<i>Additional General Education</i>		
Courses designated (A), (H), (N), or (S)		4
<b>Hours Subtotal</b>		<b>40</b>
<b>Diversity (D) &amp; International Dimension (I)</b>		
May be completed in any part of the degree plan		
Select at least one Diversity (D) course		
Select at least one International Dimension (I) course		
<b>College/Departmental Requirements</b>		
<i>First Year Seminar</i>		
(Transfer students with 15 hours exempt)		1
<i>Arts &amp; Humanities</i>		
See note 2.a.		3
<i>Natural &amp; Mathematical Sciences</i>		
See note 2.b.		9
<i>Foreign Language</i>		

See note 3

0-6 hours

*Upper-Division General Education*

Select 6 hours outside major department

See note 2.c.

**Hours Subtotal** **13**

**Major Requirements**

Minimum 2.50 GPA. Minimum grade of "C" in all MC-MMJ-SC-SPM prefix courses.

*Lower-division Professional Sequence*

2.75 GPA and declared major required

MC 2003 Mass Media Style and Structure 3

MC 2023 Electronic Communication 3

MMJ 2063 Fundamentals of Journalism 3

*Upper-division Professional Sequence*

Proficiency Review required

MC 4143 Ethics and Issues in Mass Communications 3

MC 4163 Mass Communication Law 3

MMJ 3153 Fundamentals of Video and Studio Production 3

MMJ 3263 Multimedia Reporting 3

MMJ 3553 Advanced Reporting 3

MMJ 4393 Data Journalism 3

MMJ 4973 Multimedia Journalism Capstone 3

Select 9 hours of MC-MMJ-SC-SPM (3 hours must be upper-division) 9

Select 3 hours of upper-division Traditional Liberal Arts (A&S, AERO, AMIS, AMST, ANTH, ART, ASL, ASTR, BIOL, CDIS, CHEM, CHIN, CS, DANC, DIVR, ENGL, FLL, FREN, GEOG, GEOL, GREK, GRMN, GWST, HIST, JAPN, LATN, MATH, MICR, MUSI, PHIL, PHYS, POLS, PSYC, REL, RUSS, SOC, SPAN, SPCH, STAT, TH) or Business or Gen Ed 3

Complete one Area of Emphasis (p. 1464) 12

*Emphasis*

Complete one Area of Emphasis (p. 1464) 12

**Hours Subtotal** **54**

**Electives**

Select 13 hours 13

May need to include 6 hours of a foreign language. See note 3

May need to include 6 hours upper-division general education outside major department (see note 2.c.) and 1 additional upper division hour

May not be able to use additional courses in MC-MMJ-SC-SPM

MATH 1483 or MATH 1513 required for students not placing directly into STAT

**Hours Subtotal** **13**

**Total Hours** **120**

A 2.75 graduation retention GPA and at least 24 hours completed required to initially declare major. Passing the proficiency review is required for upper-division major requirements. This includes a 2.75 graduation retention GPA, and at least 12 OSU hours earned, and a 2.75 OSU GPA, and a passing score on the Language Proficiency Exam.



A minimum of 72 hours must be taken outside of MC-MMJ-SC-SPM. No more than 12 hours in MC-MMJ-SC-SPM can be transferred from other institutions.

Students are required to develop and maintain a portfolio exhibiting specific and appropriate work including required class assignments.

## Areas of Emphasis

### Multimedia News Emphasis

Code	Title	Hours
MMJ 3313	Editing in a Multimedia Environment	3
MMJ 4313	Public Affairs Reporting	3
Select 6 hours of upper-division POLS		6

### Multimedia Production Emphasis

Code	Title	Hours
MMJ 3913	Field Production	3
MMJ 4953	Advanced Production Practices	3
Select 6 hours of upper-division Traditional Liberal Arts (A&S, AERO, AMIS, AMST, ANTH, ART, ASL, ASTR, BIOL, CDIS, CHEM, CHIN, CS, DANC, DIVR, ENGL, FLL, FREN, GEOG, GEOL, GREK, GRMN, GWST, HIST, JAPN, LATN, MATH, MICR, MUSI, PHIL, PHYS, POLS, PSYC, REL, RUSS, SOC, SPAN, SPCH, STAT, TH) or Business or Gen Ed		6

## Other Requirements

- See the College of Arts and Sciences Requirements.
- Minimum 2.50 GPA in all MC-MMJ-SC-SPM prefix courses.
- **Upper-Division Credit:** Total hours must include at least 40 hours in courses numbered 3000 or above.
- **Hours in One Department:** The School of Media and Strategic Communications requires that no more than 48 hours in MC-MMJ-SC-SPM may be applied to degree requirements.

## College of Arts and Sciences Requirements

### 1. General Education Requirements

No more than two courses (or eight hours) from the major department (<http://catalog.okstate.edu/college-arts-sciences-major-departments/>) may be used to meet General Education and College and Departmental Requirements. The General Education required English Composition, required U.S. History, required American Government, one required MATH or STAT course, and required foreign language for B.A. degrees do not count against the two-course maximum.

### 2. A&S College/Departmental Requirements

- Arts and Humanities are defined as any course carrying an (H) designation or courses from AMST, ART, DANC, ENGL (except ENGL 3323 Technical Writing) HIST, MUSI, PHIL (except PHIL 1313 Logic and Critical Thinking (A), PHIL 3003 Symbolic Logic (A) and PHIL 4003 Mathematical Logic and Computability), REL, TH, and foreign languages.
- Natural and Mathematical Sciences are defined as any course from the following prefixes: ASTR, BIOC, BIOL, CHEM, CS (except CS 4883 Social Issues in Computing), GEOL, MATH, MICR, PBIO, PHYS, and STAT; or courses from other departments that carry an (A) or (N) general education designation.

- The required six hours of upper-division General Education may not include courses from the student's major department. This requirement may be satisfied by courses also used to satisfy any part of a student's degree program (i.e., in General Education, College Departmental Requirements, Major Requirements or Electives).
- Non-Western Studies Requirement for B.A. and B.F.A.; One 3-hour course in Non-Western Studies (N.W.). This requirement may be satisfied by courses also used to satisfy any part of a student's degree program (i.e., in General Education, College Departmental Requirements, Major Requirements or Electives).
- The College of Arts & Sciences requires a minimum 2.0 GPA in all major requirements and a minimum 2.0 GPA in all major-prefix courses applied to the degree.

### 3. Foreign Language Proficiency

- The foreign language requirement for the B.A. may be satisfied by 9 hours college credit in the same language, which must include 3 hours at the 2000-level, or equivalent proficiency (e.g., passing an advanced standing examination; TOEFL exam; presenting a high school transcript which demonstrates the high school was primarily conducted in a language other than English; etc.). Computer Science courses may not be used to satisfy this requirement. Currently Arabic and Mvskoke are not offered at the 2000-level at OSU.
- The foreign language requirement for the B.S., B.M. and B.F.A. may be satisfied by presenting a high school transcript which demonstrates two years of study of a single foreign language (passing grades at second-year level of study). It may also be satisfied by 6 hours college credit in the same language, which must include language courses 1713 and 1813, or equivalent proficiency (e.g., passing an advanced standing examination; TOEFL exam; presenting a high school transcript which demonstrates the high school was primarily conducted in a language other than English; etc.). Computer Science courses may not be used to satisfy this requirement.
- In addition to a. and b., students pursuing teacher certification must meet novice-high foreign language proficiency by presenting a high school transcript which demonstrates two years of study of a single foreign language with no grade below B. Or, students may complete 3 hours college credit in a single language with no grade below C (or pass an advanced standing examination, College Level Examination Program (CLEP) exam, or Oral Proficiency Interview developed by the American Council on the Teaching of Foreign Languages, equivalent to 3 hours of college credit.) Or, students may meet the requirement by transfer of documentation of meeting the foreign language competency from one of the teacher education programs in the State of Oklahoma approved by the Oklahoma State Regents for Higher Education.

### 4. Exclusions

- Courses used to satisfy the General Education English Composition, U.S. History, American Government, and Mathematics or Statistics requirements will not count toward the 54-hour maximum allowed from one department.
- Courses with ATHL or LEIS prefixes and leisure activity courses may not be used for degree credit.

## Additional State/OSU Requirements

- At least: 60 hours at a four-year institution; 30 hours completed at OSU; 15 of the final 30 or 50% of the upper-division hours in the major field completed at OSU.
- Limit of: one-half of major course requirements as transfer work; one-fourth of hours earned by correspondence; 8 transfer correspondence hours.
- Students will be held responsible for degree requirements in effect at the time of matriculation and any changes that are made, so long as these changes do not result in semester credit hours being added or do not delay graduation.
- Degrees that follow this plan must be completed by the end of Summer 2028.

## Example Plan of Study

### Finish in Four Plan of Study

The plan below is an example of how students can successfully complete degree requirements in four years. This suggested class schedule plan may be used as a guide and can be adjusted based on individual needs. Students are required to meet with an academic advisor prior to enrollment each semester to plan their class schedule, and students are ultimately responsible for completing all degree requirements.

Course	Title	Hours
<b>Freshman</b>		
<b>Fall</b>		
ENGL 1113	Composition I	3
MATH 1483 or MATH 1513	Mathematical Functions and Their Uses (A) or College Algebra (A)	3
General Education courses		10
<b>Hours</b>		<b>16</b>
<b>Spring</b>		
ENGL 1213	Composition II	3
STAT 2013 or STAT 2053 or STAT 2023	Elementary Statistics (A) or Elementary Statistics for the Social Sciences (A) or Elementary Statistics for Business and Economics (A)	3
General Education courses		8
<b>Hours</b>		<b>14</b>
<b>Sophomore</b>		
<b>Fall</b>		
MMJ 2063	Fundamentals of Journalism	3
MC 2003	Mass Media Style and Structure	3
MC 2023	Electronic Communication	3
General Education courses		6
<b>Hours</b>		<b>15</b>
<b>Spring</b>		
MMJ 3153	Fundamentals of Video and Studio Production	3
MMJ 3263	Multimedia Reporting	3
College and Elective courses		9
<b>Hours</b>		<b>15</b>
<b>Junior</b>		
<b>Fall</b>		
MMJ 3313 or MMJ 3913	Editing in a Multimedia Environment (F) or Field Production	3
MMJ 4393	Data Journalism	3
Major, College, and Elective courses		9
<b>Hours</b>		<b>15</b>

<b>Spring</b>		
MMJ 4313 or MMJ 4953	Public Affairs Reporting (Sp) or Advanced Production Practices	3
MC 4143	Ethics and Issues in Mass Communications	3
Major, College, and Elective courses		9
<b>Hours</b>		<b>15</b>
<b>Senior</b>		
<b>Fall</b>		
MMJ 3553	Advanced Reporting (F)	3
MC 4163	Mass Communication Law	3
Major, College, and Elective courses		9
<b>Hours</b>		<b>15</b>
<b>Spring</b>		
MMJ 4973	Multimedia Journalism Capstone	3
Major, College, and Elective courses		12
<b>Hours</b>		<b>15</b>
<b>Total Hours</b>		<b>120</b>

1

Speak with academic advisor about saving General Education electives and Humanities (H) for Upper-division courses with International (I) and Diversity (D) dimensions.

# Sports Media, BA

## Degree Requirements

**Requirements for Students Matriculating in or before Academic Year 2022-2023.** Learn more about University Academic Regulation 3.1 (p. 943).

**Minimum Overall Grade Point Average:** 2.00

**Total Hours:** 120

Code	Title	Hours
<b>General Education Requirements</b>		
<i>English Composition</i>		
See Academic Regulation 3.5 (p. 944)		
ENGL 1113	Composition I	3
or ENGL 1313	Critical Analysis and Writing I	
Select one of the following:		3
ENGL 1213	Composition II	
ENGL 1413	Critical Analysis and Writing II	
ENGL 3323	Technical Writing	
<i>American History &amp; Government</i>		
HIST 1103	Survey of American History	3
or HIST 1483	American History to 1865 (H)	
or HIST 1493	American History Since 1865 (DH)	
POLS 1113	American Government	3
<i>Analytical &amp; Quantitative Thought (A)</i>		
STAT 2013	Elementary Statistics (A)	3
or STAT 2053	Elementary Statistics for the Social Sciences (A)	
<i>Humanities (H)</i>		
Courses designated (H)		6
<i>Natural Sciences (N)</i>		
Must include one Laboratory Science (L) course		
Courses designated (N)		6
<i>Social &amp; Behavioral Sciences (S)</i>		
ECON 1113	The Economics of Social Issues (S)	3
or ECON 2103	Introduction to Microeconomics (S)	
MC 1143	Media in a Diverse Society (DS)	3
SPCH 2713	Introduction to Speech Communication (S)	3
<i>Additional General Education</i>		
Courses designated (A), (H), (N), or (S)		4
<b>Hours Subtotal</b>		<b>40</b>
<b>Diversity (D) &amp; International Dimension (I)</b>		
May be completed in any part of the degree plan		
Select at least one Diversity (D) course		
Select at least one International Dimension (I) course		
<b>College/Departmental Requirements</b>		
<i>First Year Seminar</i>		
(Transfer students with 15 hours exempt)		1
<i>Arts &amp; Humanities</i>		
See note 2.a.		9
<i>Natural &amp; Mathematical Sciences</i>		
See note 2.b.		3
<i>Foreign Language</i>		

See note 3 9

*Upper-Division General Education*

Select 6 hours outside major department

See note 2.c.

**Hours Subtotal** 22

**Major Requirements**

Minimum 2.50 GPA. Minimum grade of "C" in all MC-MMJ-SC-SPM prefix courses.

*Lower-division Professional Sequence*

2.75 GPA and declared major required

MC 2003 Mass Media Style and Structure 3

MC 2023 Electronic Communication 3

SPM 2843 Sports and the Media 3

*Upper-division Professional Sequence*

Proficiency Review required

MC 4143 Ethics and Issues in Mass Communications 3

MC 4163 Mass Communication Law 3

SPM 3813 Sports Reporting Across the Media 3

MMJ 3153 Fundamentals of Video and Studio Production 3

MMJ 3263 Multimedia Reporting 3

MMJ 4393 Data Journalism 3

SPM 3863 Electronic Sports Reporting 3

SPM 4883 Sports Media Capstone 3

Select 6 hours additional of MC-MMJ-SC-SPM 6

Select 9 hours of upper-division Traditional Liberal Arts (A&S, AERO, AMIS, AMST, ANTH, ART, ASL, ASTR, BIOL, CDIS, CHEM, CHIN, CS, DANC, DIVR, ENGL, FLL, FREN, GEOG, GEOL, GREK, GRMN, GWST, HIST, JAPN, LATN, MATH, MICR, MUSI, PHIL, PHYS, POLS, PSYC, REL, RUSS, SOC, SPAN, SPCH, STAT, TH) or Business or Gen Ed 9

A&S, AERO, AMIS, AMST, ANTH, ART, ASL, ASTR, BIOL, CDIS, CHEM, CHIN, CS, DANC, DIVR, ENGL, FLL, FREN, GEOG, GEOL, GREK, GRMN, GWST, HIST, JAPN, LATN, MATH, MICR, MUSI, PHIL, PHYS, POLS, PSYC, REL, RUSS, SOC, SPAN, SPCH, STAT, TH) or Business or Gen Ed

*Emphasis*

Complete one Area of Emphasis (p. 1467) 6

**Hours Subtotal** 54

**Electives**

Select 4 hours 4

May need to include 6 hours upper-division general education outside major department (see note 2.c.) and 1 additional upper-division hour

May not be able to use additional courses in MC-MMJ-SC-SPM

MATH 1483 or MATH 1513 required if student does not place directly into STAT

**Hours Subtotal** 4

**Total Hours** 120

A 2.75 graduation retention GPA and at least 24 hours completed required to initially declare major. Passing the proficiency review is required for upper-division major requirements. This includes a 2.75 graduation retention GPA, and at least 12 OSU hours earned, and a 2.75 OSU GPA, and a passing score on the Language Proficiency Exam.

A minimum of 72 hours must be taken outside of MC-MMJ-SC-SPM. No more than 12 hours in MC-MMJ-SC-SPM can be transferred from other institutions

Students are required to develop and maintain a portfolio exhibiting specific and appropriate work including required class assignments.

## Areas of Emphasis

### Sports News Emphasis

Code	Title	Hours
Select two of the following: 6		
MMJ 3313	Editing in a Multimedia Environment	
MMJ 3913	Field Production	
MMJ 4313	Public Affairs Reporting	
SPM 4053	Sports Announcing	
SPM 4833	Sports Information Systems	
SPM 4853	Advanced Sports Writing	

### Sports Production Emphasis

Code	Title	Hours
MMJ 3913	Field Production	3
SPM 4813	Sports Media Production	3

## Other Requirements

- See the College of Arts and Sciences Requirements.
- Minimum 2.50 GPA in all MC-MMJ-SC-SPM prefix courses.
- **Upper-Division Credit:** Total hours must include at least 40 hours in courses numbered 3000 or above.
- **Hours in One Department:** The School of Media and Strategic Communications requires that no more than 48 hours in MC-MMJ-SC-SPM may be applied to degree requirements.

## College of Arts and Sciences Requirements

### 1. General Education Requirements

No more than two courses (or eight hours) from the major department (<http://catalog.okstate.edu/college-arts-sciences-major-departments/>) may be used to meet General Education and College and Departmental Requirements. The General Education required English Composition, required U.S. History, required American Government, one required MATH or STAT course, and required foreign language for B.A. degrees do not count against the two-course maximum.

### 2. A&S College/Departmental Requirements

- Arts and Humanities are defined as any course carrying an (H) designation or courses from AMST, ART, DANC, ENGL (except ENGL 3323 Technical Writing) HIST, MUSI, PHIL (except PHIL 1313 Logic and Critical Thinking (A), PHIL 3003 Symbolic Logic (A) and PHIL 4003 Mathematical Logic and Computability), REL, TH, and foreign languages.
- Natural and Mathematical Sciences are defined as any course from the following prefixes: ASTR, BIOC, BIOL, CHEM, CS (except CS 4883 Social Issues in Computing), GEOL, MATH, MICR, PBIO, PHYS, and STAT; or courses from other departments that carry an (A) or (N) general education designation.
- The required six hours of upper-division General Education may not include courses from the student's major department. This requirement may be satisfied by courses also used to satisfy any part of a student's degree program (i.e., in General Education,

College Departmental Requirements, Major Requirements or Electives).

- Non-Western Studies Requirement for B.A. and B.F.A.; One 3-hour course in Non-Western Studies (N.W.). This requirement may be satisfied by courses also used to satisfy any part of a student's degree program (i.e., in General Education, College Departmental Requirements, Major Requirements or Electives).
  - The College of Arts & Sciences requires a minimum 2.0 GPA in all major requirements and a minimum 2.0 GPA in all major-prefix courses applied to the degree.
- ### 3. Foreign Language Proficiency
- The foreign language requirement for the B.A. may be satisfied by 9 hours college credit in the same language, which must include 3 hours at the 2000-level, or equivalent proficiency (e.g., passing an advanced standing examination; TOEFL exam; presenting a high school transcript which demonstrates the high school was primarily conducted in a language other than English; etc.). Computer Science courses may not be used to satisfy this requirement. Currently Arabic and Mvskoke are not offered at the 2000-level at OSU.
  - The foreign language requirement for the B.S., B.M. and B.F.A. may be satisfied by presenting a high school transcript which demonstrates two years of study of a single foreign language (passing grades at second-year level of study). It may also be satisfied by 6 hours college credit in the same language, which must include language courses 1713 and 1813, or equivalent proficiency (e.g., passing an advanced standing examination; TOEFL exam; presenting a high school transcript which demonstrates the high school was primarily conducted in a language other than English; etc.). Computer Science courses may not be used to satisfy this requirement.
  - In addition to a. and b., students pursuing teacher certification must meet novice-high foreign language proficiency by presenting a high school transcript which demonstrates two years of study of a single foreign language with no grade below B. Or, students may complete 3 hours college credit in a single language with no grade below C (or pass an advanced standing examination, College Level Examination Program (CLEP) exam, or Oral Proficiency Interview developed by the American Council on the Teaching of Foreign Languages, equivalent to 3 hours of college credit.) Or, students may meet the requirement by transfer of documentation of meeting the foreign language competency from one of the teacher education programs in the State of Oklahoma approved by the Oklahoma State Regents for Higher Education.

### 4. Exclusions

- Courses used to satisfy the General Education English Composition, U.S. History, American Government, and Mathematics or Statistics requirements will not count toward the 54-hour maximum allowed from one department.
- Courses with ATHL or LEIS prefixes and leisure activity courses may not be used for degree credit.

## Additional State/OSU Requirements

- At least: 60 hours at a four-year institution; 30 hours completed at OSU; 15 of the final 30 or 50% of the upper-division hours in the major field completed at OSU.
- Limit of: one-half of major course requirements as transfer work; one-fourth of hours earned by correspondence; 8 transfer correspondence hours.

- Students will be held responsible for degree requirements in effect at the time of matriculation and any changes that are made, so long as these changes do not result in semester credit hours being added or do not delay graduation.
- Degrees that follow this plan must be completed by the end of Summer 2028.

## Example Plan of Study

### Finish in Four Plan of Study

The plan below is an **example** of how students can successfully complete degree requirements in four years. This suggested class schedule plan may be used as a guide and can be adjusted based on individual needs. Students are required to meet with an academic advisor prior to enrollment each semester to plan their class schedule, and students are ultimately responsible for completing all degree requirements.

Course	Title	Hours
<b>Freshman</b>		
<b>Fall</b>		
ENGL 1113 or MATH 1513	Composition I or College Algebra (A)	3
MATH 1483 or MATH 1513	Mathematical Functions and Their Uses (A) or College Algebra (A)	3
General Education courses		8
<b>Hours</b>		<b>14</b>
<b>Spring</b>		
ENGL 1213	Composition II	3
STAT 2013 or STAT 2053 or STAT 2023	Elementary Statistics (A) or Elementary Statistics for the Social Sciences (A) or Elementary Statistics for Business and Economics (A)	3
General Education courses		10
<b>Hours</b>		<b>16</b>
<b>Sophomore</b>		
<b>Fall</b>		
SPM 2843	Sports and the Media	3
MC 2003	Mass Media Style and Structure	3
MC 2023	Electronic Communication	3
1713	First Semester Foreign Language	3
General Education courses		3
<b>Hours</b>		<b>15</b>
<b>Spring</b>		
MMJ 3153	Fundamentals of Video and Studio Production	3
MMJ 3263	Multimedia Reporting	3
SPM 3813	Sports Reporting Across the Media	3
1813	Second Semester Foreign Language	3
College and Elective courses		3
<b>Hours</b>		<b>15</b>
<b>Junior</b>		
<b>Fall</b>		
SPM 3863	Electronic Sports Reporting (F)	3
SPM 4053 or SPM 4833 or SPM 4853 or MMJ 3313 or MMJ 3913 or MMJ 4313	Sports Announcing (Sports Production select MMJ 3913) or Sports Information Systems or Advanced Sports Writing or Editing in a Multimedia Environment or Field Production or Public Affairs Reporting	3
2000-level Foreign Language		3
Major, College, and Elective courses		6
<b>Hours</b>		<b>15</b>

### Spring

SPM 4053 or SPM 4833 or SPM 4853 or MMJ 3313 or MMJ 3913 or MMJ 4313	Sports Announcing (Sports Production select SPM 4813) or Sports Information Systems or Advanced Sports Writing or Editing in a Multimedia Environment or Field Production or Public Affairs Reporting	3
MC 4143	Ethics and Issues in Mass Communications	3
Major, College, and Elective courses		9
<b>Hours</b>		<b>15</b>

### Senior

<b>Fall</b>		
MMJ 4393	Data Journalism	3
MC 4163	Mass Communication Law	3
Major, College, and Elective courses		9
<b>Hours</b>		<b>15</b>
<b>Spring</b>		
SPM 4883	Sports Media Capstone	3
Major, College, and Elective courses		12
<b>Hours</b>		<b>15</b>
<b>Total Hours</b>		<b>120</b>

## Sports Media, BS

### Degree Requirements

**Requirements for Students Matriculating in or before Academic Year 2022-2023.** Learn more about University Academic Regulation 3.1 (p. 943).

**Minimum Overall Grade Point Average:** 2.00

**Total Hours:** 120

Code	Title	Hours
<b>General Education Requirements</b>		
<i>English Composition</i>		
See Academic Regulation 3.5 (p. 944)		
ENGL 1113	Composition I	3
or ENGL 1313	Critical Analysis and Writing I	
Select one of the following:		3
ENGL 1213	Composition II	
ENGL 1413	Critical Analysis and Writing II	
ENGL 3323	Technical Writing	
<i>American History &amp; Government</i>		
HIST 1103	Survey of American History	3
or HIST 1483	American History to 1865 (H)	
or HIST 1493	American History Since 1865 (DH)	
POLS 1113	American Government	3
<i>Analytical &amp; Quantitative Thought (A)</i>		
STAT 2013	Elementary Statistics (A)	3
or STAT 2053	Elementary Statistics for the Social Sciences (A)	
<i>Humanities (H)</i>		
Courses designated (H)		6
<i>Natural Sciences (N)</i>		
Must include one Laboratory Science (L) course		
Courses designated (N)		6
<i>Social &amp; Behavioral Sciences (S)</i>		
ECON 1113	The Economics of Social Issues (S)	3
or ECON 2103	Introduction to Microeconomics (S)	
MC 1143	Media in a Diverse Society (DS)	3
SPCH 2713	Introduction to Speech Communication (S)	3
<i>Additional General Education</i>		
Courses designated (A), (H), (N), or (S)		4
<b>Hours Subtotal</b>		<b>40</b>
<b>Diversity (D) &amp; International Dimension (I)</b>		
May be completed in any part of the degree plan		
Select at least one Diversity (D) course		
Select at least one International Dimension (I) course		
<b>College/Departmental Requirements</b>		
<i>First Year Seminar</i>		
(Transfer students with 15 hours exempt)		1
<i>Arts &amp; Humanities</i>		
See note 2.a.		3
<i>Natural &amp; Mathematical Sciences</i>		
See note 2.b.		9
<i>Foreign Language</i>		

See note 3

0-6 hours

*Upper-Division General Education*

Select 6 hours outside major department

See note 2.c.

**Hours Subtotal** **13**

**Major Requirements**

Minimum 2.50 GPA. Minimum grade of "C" in all MC-MMJ-SC-SPM prefix courses.

*Lower-division Professional Sequence*

2.75 GPA and declared major required

MC 2003 Mass Media Style and Structure 3

MC 2023 Electronic Communication 3

SPM 2843 Sports and the Media 3

*Upper-division Professional Sequence*

Proficiency Review required

MC 4143 Ethics and Issues in Mass Communications 3

MC 4163 Mass Communication Law 3

SPM 3813 Sports Reporting Across the Media 3

MMJ 3153 Fundamentals of Video and Studio Production 3

MMJ 3263 Multimedia Reporting 3

MMJ 4393 Data Journalism 3

SPM 3863 Electronic Sports Reporting 3

SPM 4883 Sports Media Capstone 3

Select 6 hours additional of MC-MMJ-SC-SPM 6

Select 9 hours of upper-division Traditional Liberal Arts (A&S, AERO, AMIS, AMST, ANTH, ART, ASL, ASTR, BIOL, CDIS, CHEM, CHIN, CS, DANC, DIVR, ENGL, FLL, FREN, GEOG, GEOL, GREK, GRMN, GWST, HIST, JAPN, LATN, MATH, MICR, MUSI, PHIL, PHYS, POLS, PSYC, REL, RUSS, SOC, SPAN, SPCH, STAT, TH) or Business or Gen Ed 9

or Gen Ed

*Emphasis*

Complete one Area of Emphasis (p. 1470) 6

**Hours Subtotal** **54**

**Electives**

Select 13 hours 13

May need to include 6 hours of a foreign language (see note 3)

May need to include 6 hours upper-division general education outside major department (see note 2.c.) and 1 additional upper-division hour

May not be able to use additional courses in MC-MMJ-SC-SPM

MATH 1483 or MATH 1513 required for students not placing directly into STAT

**Hours Subtotal** **13**

**Total Hours** **120**

A 2.75 graduation retention GPA and at least 24 hours completed required to initially declare major. Passing the proficiency review is required for upper-division major requirements. This includes a 2.75 graduation retention GPA, and at least 12 OSU hours earned, and a 2.75 OSU GPA, and a passing score on the Language Proficiency Exam.



A minimum of 72 hours must be taken outside of MC-MMJ-SC-SPM. No more than 12 hours in MC-MMJ-SC-SPM can be transferred from other institutions

Students are required to develop and maintain a portfolio exhibiting specific and appropriate work including required class assignments.

## Areas of Emphasis

### Sports News Emphasis

Code	Title	Hours
Select two of the following:		6
MMJ 3313	Editing in a Multimedia Environment	
MMJ 3913	Field Production	
MMJ 4313	Public Affairs Reporting	
SPM 4053	Sports Announcing	
SPM 4833	Sports Information Systems	
SPM 4853	Advanced Sports Writing	

### Sports Production Emphasis

Code	Title	Hours
MMJ 3913	Field Production	3
SPM 4813	Sports Media Production	3

## Other Requirements

- See the College of Arts and Sciences Requirements.
- Minimum 2.50 GPA in all MC-MMJ-SC-SPM prefix courses.
- **Upper-Division Credit:** Total hours must include at least 40 hours in courses numbered 3000 or above.
- **Hours in One Department:** The School of Media and Strategic Communications requires that no more than 48 hours in MC-MMJ-SC-SPM may be applied to degree requirements.

## College of Arts and Sciences Requirements

### 1. General Education Requirements

No more than two courses (or eight hours) from the major department (<http://catalog.okstate.edu/college-arts-sciences-major-departments/>) may be used to meet General Education and College and Departmental Requirements. The General Education required English Composition, required U.S. History, required American Government, one required MATH or STAT course, and required foreign language for B.A. degrees do not count against the two-course maximum.

### 2. A&S College/Departmental Requirements

- Arts and Humanities are defined as any course carrying an (H) designation or courses from AMST, ART, DANC, ENGL (except ENGL 3323 Technical Writing) HIST, MUSI, PHIL (except PHIL 1313 Logic and Critical Thinking (A), PHIL 3003 Symbolic Logic (A) and PHIL 4003 Mathematical Logic and Computability), REL, TH, and foreign languages.
- Natural and Mathematical Sciences are defined as any course from the following prefixes: ASTR, BIOC, BIOL, CHEM, CS (except CS 4883 Social Issues in Computing), GEOL, MATH, MICR, PBIO, PHYS, and STAT; or courses from other departments that carry an (A) or (N) general education designation.

- The required six hours of upper-division General Education may not include courses from the student's major department. This requirement may be satisfied by courses also used to satisfy any part of a student's degree program (i.e., in General Education, College Departmental Requirements, Major Requirements or Electives).
- Non-Western Studies Requirement for B.A. and B.F.A.; One 3-hour course in Non-Western Studies (N.W.). This requirement may be satisfied by courses also used to satisfy any part of a student's degree program (i.e., in General Education, College Departmental Requirements, Major Requirements or Electives).
- The College of Arts & Sciences requires a minimum 2.0 GPA in all major requirements and a minimum 2.0 GPA in all major-prefix courses applied to the degree.

### 3. Foreign Language Proficiency

- The foreign language requirement for the B.A. may be satisfied by 9 hours college credit in the same language, which must include 3 hours at the 2000-level, or equivalent proficiency (e.g., passing an advanced standing examination; TOEFL exam; presenting a high school transcript which demonstrates the high school was primarily conducted in a language other than English; etc.). Computer Science courses may not be used to satisfy this requirement. Currently Arabic and Mvskoke are not offered at the 2000-level at OSU.
- The foreign language requirement for the B.S., B.M. and B.F.A. may be satisfied by presenting a high school transcript which demonstrates two years of study of a single foreign language (passing grades at second-year level of study). It may also be satisfied by 6 hours college credit in the same language, which must include language courses 1713 and 1813, or equivalent proficiency (e.g., passing an advanced standing examination; TOEFL exam; presenting a high school transcript which demonstrates the high school was primarily conducted in a language other than English; etc.). Computer Science courses may not be used to satisfy this requirement.
- In addition to a. and b., students pursuing teacher certification must meet novice-high foreign language proficiency by presenting a high school transcript which demonstrates two years of study of a single foreign language with no grade below B. Or, students may complete 3 hours college credit in a single language with no grade below C (or pass an advanced standing examination, College Level Examination Program (CLEP) exam, or Oral Proficiency Interview developed by the American Council on the Teaching of Foreign Languages, equivalent to 3 hours of college credit.) Or, students may meet the requirement by transfer of documentation of meeting the foreign language competency from one of the teacher education programs in the State of Oklahoma approved by the Oklahoma State Regents for Higher Education.

### 4. Exclusions

- Courses used to satisfy the General Education English Composition, U.S. History, American Government, and Mathematics or Statistics requirements will not count toward the 54-hour maximum allowed from one department.
- Courses with ATHL or LEIS prefixes and leisure activity courses may not be used for degree credit.

## Additional State/OSU Requirements

- At least: 60 hours at a four-year institution; 30 hours completed at OSU; 15 of the final 30 or 50% of the upper-division hours in the major field completed at OSU.
- Limit of: one-half of major course requirements as transfer work; one-fourth of hours earned by correspondence; 8 transfer correspondence hours.
- Students will be held responsible for degree requirements in effect at the time of matriculation and any changes that are made, so long as these changes do not result in semester credit hours being added or do not delay graduation.
- Degrees that follow this plan must be completed by the end of Summer 2028.

## Example Plan of Study

### Finish in Four Plan of Study

The plan below is an **example** of how students can successfully complete degree requirements in four years. This suggested class schedule plan may be used as a guide and can be adjusted based on individual needs. Students are required to meet with an academic advisor prior to enrollment each semester to plan their class schedule, and students are ultimately responsible for completing all degree requirements.

Course	Title	Hours
<b>Freshman</b>		
<b>Fall</b>		
ENGL 1113 or MATH 1513	Composition I or College Algebra (A)	3
MATH 1483 or MATH 1513	Mathematical Functions and Their Uses (A) or College Algebra (A)	3
General Education courses		8
<b>Hours</b>		<b>14</b>
<b>Spring</b>		
ENGL 1213	Composition II	3
STAT 2013 or STAT 2053 or STAT 2023	Elementary Statistics (A) or Elementary Statistics for the Social Sciences (A) or Elementary Statistics for Business and Economics (A)	3
General Education courses		10
<b>Hours</b>		<b>16</b>
<b>Sophomore</b>		
<b>Fall</b>		
SPM 2843	Sports and the Media	3
MC 2003	Mass Media Style and Structure	3
MC 2023	Electronic Communication	3
General Education courses		6
<b>Hours</b>		<b>15</b>
<b>Spring</b>		
MMJ 3153	Fundamentals of Video and Studio Production	3
MMJ 3263	Multimedia Reporting	3
SPM 3813	Sports Reporting Across the Media	3
College and Elective courses		6
<b>Hours</b>		<b>15</b>
<b>Junior</b>		
<b>Fall</b>		
SPM 3863	Electronic Sports Reporting (F)	3

SPM 4053 or SPM 4833 or SPM 4853 or MMJ 3313 or MMJ 3913 or MMJ 4313	Sports Announcing (Sports Production select MMJ 3913) or Sports Information Systems or Advanced Sports Writing or Editing in a Multimedia Environment or Field Production or Public Affairs Reporting	3
Major, College, and Elective courses		9
<b>Hours</b>		<b>15</b>
<b>Spring</b>		
SPM 4053 or SPM 4833 or SPM 4853 or MMJ 3313 or MMJ 3913 or MMJ 4313	Sports Announcing (Sports Production select SPM 4813) or Sports Information Systems or Advanced Sports Writing or Editing in a Multimedia Environment or Field Production or Public Affairs Reporting	3
MC 4143	Ethics and Issues in Mass Communications	3
Major, College, and Elective courses		9
<b>Hours</b>		<b>15</b>
<b>Senior</b>		
<b>Fall</b>		
MMJ 4393	Data Journalism	3
MC 4163	Mass Communication Law	3
Major, College, and Elective courses		9
<b>Hours</b>		<b>15</b>
<b>Spring</b>		
SPM 4883	Sports Media Capstone	3
Major, College, and Elective courses		12
<b>Hours</b>		<b>15</b>
<b>Total Hours</b>		<b>120</b>

1

Speak with academic advisor about saving General Education electives and Humanities (H) for Upper-division courses with International (I) and Diversity (D) dimensions.

# Strategic Communication: Advertising and Public Relations, BA

## Degree Requirements

**Requirements for Students Matriculating in or before Academic Year 2022-2023.** Learn more about University Academic Regulation 3.1 (p. 943).

**Minimum Overall Grade Point Average: 2.00**

**Total Hours: 120**

Code	Title	Hours
<b>General Education Requirements</b>		
<i>English Composition</i>		
See Academic Regulation 3.5 (p. 944)		
ENGL 1113 or ENGL 1313	Composition I Critical Analysis and Writing I	3
ENGL 1213 or ENGL 1413 or ENGL 3323	Composition II Critical Analysis and Writing II Technical Writing	3
<i>American History &amp; Government</i>		
HIST 1103 or HIST 1483 or HIST 1493	Survey of American History American History to 1865 (H) American History Since 1865 (DH)	3
POLS 1113	American Government	3
<i>Analytical &amp; Quantitative Thought (A)</i>		
STAT 2013 or STAT 2023 or STAT 2053	Elementary Statistics (A) Elementary Statistics for Business and Economics (A) Elementary Statistics for the Social Sciences (A)	3
<i>Humanities (H)</i>		
Courses designated (H)		6
<i>Natural Sciences (N)</i>		
Must include one Laboratory Science (L) course		
Courses designated (N)		6
<i>Social &amp; Behavioral Sciences (S)</i>		
ECON 1113 or ECON 2103	The Economics of Social Issues (S) Introduction to Microeconomics (S)	3
MC 1143	Media in a Diverse Society (DS)	3
SPCH 2713	Introduction to Speech Communication (S)	3
<i>Additional General Education</i>		
Courses designated (A), (H), (N), or (S)		4
<b>Hours Subtotal</b>		<b>40</b>
<b>Diversity (D) &amp; International Dimension (I)</b>		
May be completed in any part of the degree plan		
Select at least one Diversity (D) course		
Select at least one International Dimension (I) course		
<b>College/Departmental Requirements</b>		
<i>First Year Seminar</i>		1
(Transfer students with 15 hours exempt)		
<i>Arts &amp; Humanities</i>		9
See note 2.a.		
<i>Natural &amp; Mathematical Sciences</i>		3

See note 2.b.

<i>Foreign Language</i>	9
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See note 3.a.

<i>Upper-Division General Education</i>	
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Select 6 hours outside major department. See note 2.c.

<b>Hours Subtotal</b>	<b>22</b>
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**Major Requirements**

Minimum 2.50 GPA. Minimum grade of "C" in all MC-MMJ-SC-SPM prefix courses.

*Lower-division Professional Sequence*

2.75 GPA and declared major required to take courses below:

MC 2003	Mass Media Style and Structure	3
MC 2023	Electronic Communication	3
SC 2183	Introduction to Strategic Communications	3

*Upper-division Professional Sequence*

Proficiency Review required to take courses below:

MC 4143	Ethics and Issues in Mass Communications	3
MC 4163	Mass Communication Law	3
SC 3353	Persuasive Writing for Strategic Communicators	3
SC 3753	Graphic Design for Strategic Communication	3
SC 4013	Advertising Media and Markets	3

Select 6 hours of MC, MMJ, SC or SPM

*Advertising & Public Relations*

SC 3383	Strategic Communications Management and Strategies	3
SC 3953	Research Methods for Strategic Communicators	3
SC 3603 or SC 4493	Copywriting and Creative Strategy Advanced Public Relations Writing	3
SC 4843 or SC 4980	Strategic Communication Campaigns Advertising Competitions	3

Select 3 upper-division hours of MC, MMJ, SC or SPM

*Additional Requirements*

Select 6 hours of upper-division MKTG		6
Select 3 hours of upper-division Traditional Liberal Arts (A&S, AERO, AMIS, AMST, ANTH, ART, ASL, ASTR, BIOL, CDIS, CHEM, CHIN, CS, DANC, DIVR, ENGL FLL, FREN, GEOG, GEOL, GREK, GRMN, GWST, HIST, JAPN, LATN, MATH, MICR, MUSI, PHIL, PHYS, POLS, PSYC, REL, RUSS, SOC, SPAN, SPCH, STAT, TH) or Business or General Education.		3

<b>Hours Subtotal</b>	<b>54</b>
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**Electives**

Select 4 hours.	4
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May need to include 6 hours upper-division general education outside major department. See note 2.c.

May not be able to use additional courses in MC-MMJ-SC-SPM.

MATH 1483 or MATH 1513 required for students who do not place directly into STAT.

<b>Hours Subtotal</b>	<b>4</b>
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<b>Total Hours</b>	<b>120</b>
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A 2.75 graduation retention GPA and at least 24 hours completed required to initially declare major. Passing the proficiency review is required for upper-division major requirements. This includes a 2.75 graduation retention GPA, and at least 12 OSU hours earned, and a 2.75 OSU GPA, and a passing score on the Language Proficiency Exam.

A minimum of 72 hours must be taken outside of MC-MMJ-SC-SPM. No more than 12 hours in MC-MMJ-SC-SPM can be transferred from other institutions.

Students are required to develop and maintain a portfolio exhibiting specific and appropriate work including required class assignments

## Other Requirements

- See the College of Arts and Sciences Requirements.
- Minimum 2.50 GPA in all MC-MMJ-SC-SPM prefix courses.
- **Upper-Division Credit:** Total hours must include at least 40 hours in courses numbered 3000 or above.
- **Hours in One Department:** The School of Media and Strategic Communications requires that no more than 48 hours in MC-MMJ-SC-SPM may be applied to degree requirements.

## College of Arts and Sciences Requirements

### 1. General Education Requirements

No more than two courses (or eight hours) from the major department (<http://catalog.okstate.edu/college-arts-sciences-major-departments/>) may be used to meet General Education and College and Departmental Requirements. The General Education required English Composition, required U.S. History, required American Government, one required MATH or STAT course, and required foreign language for B.A. degrees do not count against the two-course maximum.

### 2. A&S College/Departmental Requirements

- a. Arts and Humanities are defined as any course carrying an (H) designation or courses from AMST, ART, DANC, ENGL (except ENGL 3323 Technical Writing) HIST, MUSI, PHIL (except PHIL 1313 Logic and Critical Thinking (A), PHIL 3003 Symbolic Logic (A) and PHIL 4003 Mathematical Logic and Computability), REL, TH, and foreign languages.
- b. Natural and Mathematical Sciences are defined as any course from the following prefixes: ASTR, BIOC, BIOL, CHEM, CS (except CS 4883 Social Issues in Computing), GEOL, MATH, MICR, PBIO, PHYS, and STAT; or courses from other departments that carry an (A) or (N) general education designation.
- c. The required six hours of upper-division General Education may not include courses from the student's major department. This requirement may be satisfied by courses also used to satisfy any part of a student's degree program (i.e., in General Education, College Departmental Requirements, Major Requirements or Electives).
- d. Non-Western Studies Requirement for B.A. and B.F.A.; One 3-hour course in Non-Western Studies (N.W.). This requirement may be satisfied by courses also used to satisfy any part of a student's degree program (i.e., in General Education, College Departmental Requirements, Major Requirements or Electives).
- e. The College of Arts & Sciences requires a minimum 2.0 GPA in all major requirements and a minimum 2.0 GPA in all major-prefix courses applied to the degree.

### 3. Foreign Language Proficiency

- a. The foreign language requirement for the B.A. may be satisfied by 9 hours college credit in the same language, which must include 3 hours at the 2000-level, or equivalent proficiency (e.g., passing an advanced standing examination; TOEFL exam; presenting a high school transcript which demonstrates the high school was primarily conducted in a language other than English; etc.). Computer Science courses may not be used to satisfy this requirement. Currently Arabic and Mvskoke are not offered at the 2000-level at OSU.
- b. The foreign language requirement for the B.S., B.M. and B.F.A. may be satisfied by presenting a high school transcript which demonstrates two years of study of a single foreign language (passing grades at second-year level of study). It may also be satisfied by 6 hours college credit in the same language, which must include language courses 1713 and 1813, or equivalent proficiency (e.g., passing an advanced standing examination; TOEFL exam; presenting a high school transcript which demonstrates the high school was primarily conducted in a language other than English; etc.). Computer Science courses may not be used to satisfy this requirement.
- c. In addition to a. and b., students pursuing teacher certification must meet novice-high foreign language proficiency by presenting a high school transcript which demonstrates two years of study of a single foreign language with no grade below B. Or, students may complete 3 hours college credit in a single language with no grade below C (or pass an advanced standing examination, College Level Examination Program (CLEP) exam, or Oral Proficiency Interview developed by the American Council on the Teaching of Foreign Languages, equivalent to 3 hours of college credit.) Or, students may meet the requirement by transfer of documentation of meeting the foreign language competency from one of the teacher education programs in the State of Oklahoma approved by the Oklahoma State Regents for Higher Education.

### 4. Exclusions

- a. Courses used to satisfy the General Education English Composition, U.S. History, American Government, and Mathematics or Statistics requirements will not count toward the 54-hour maximum allowed from one department.
- b. Courses with ATHL or LEIS prefixes and leisure activity courses may not be used for degree credit.

## Additional State/OSU Requirements

- At least: 60 hours at a four-year institution; 30 hours completed at OSU; 15 of the final 30 or 50% of the upper-division hours in the major field completed at OSU.
- Limit of: one-half of major course requirements as transfer work; one-fourth of hours earned by correspondence; 8 transfer correspondence hours.
- Students will be held responsible for degree requirements in effect at the time of matriculation and any changes that are made, so long as these changes do not result in semester credit hours being added or do not delay graduation.
- Degrees that follow this plan must be completed by the end of Summer 2028.

## Example Plan of Study

### Finish in Four Plan of Study

The plan below is an example of how students can successfully complete degree requirements in four years. This suggested class schedule plan may be used as a guide and can be adjusted based on individual needs. Students are required to meet with an academic advisor prior to enrollment each semester to plan their class schedule, and students are ultimately responsible for completing all degree requirements.

Major, College, and Elective courses	12
<b>Hours</b>	<b>15</b>
<b>Total Hours</b>	<b>120</b>

Course	Title	Hours
<b>Freshman</b>		
<b>Fall</b>		
ENGL 1113	Composition I	3
MATH 1483 or MATH 1513	Mathematical Functions and Their Uses (A) or College Algebra (A)	3
General Education courses		8
<b>Hours</b>		<b>14</b>
<b>Spring</b>		
ENGL 1213	Composition II	3
STAT 2013 or STAT 2053 or STAT 2023	Elementary Statistics (A) or Elementary Statistics for the Social Sciences (A) or Elementary Statistics for Business and Economics (A)	3
General Education courses		10
<b>Hours</b>		<b>16</b>
<b>Sophomore</b>		
<b>Fall</b>		
SC 2183	Introduction to Strategic Communications	3
MC 2003	Mass Media Style and Structure	3
1713 First Semester Foreign Language		3
General Education courses		6
<b>Hours</b>		<b>15</b>
<b>Spring</b>		
MC 2023	Electronic Communication	3
1813 Second Semester Foreign Language		3
College and Elective courses		9
<b>Hours</b>		<b>15</b>
<b>Junior</b>		
<b>Fall</b>		
SC 3353	Persuasive Writing for Strategic Communicators	3
SC 3753	Graphic Design for Strategic Communication	3
MKTG 3213	Marketing (S)	3
2000-level Foreign Language		3
Major, College, and Elective courses		3
<b>Hours</b>		<b>15</b>
<b>Spring</b>		
SC 3383	Strategic Communications Management and Strategies	3
SC 4013	Advertising Media and Markets	3
MC 4143	Ethics and Issues in Mass Communications	3
3 hrs Upper-Division MKTG course		3
Major, College, and Elective courses		3
<b>Hours</b>		<b>15</b>
<b>Senior</b>		
<b>Fall</b>		
SC 3953	Research Methods for Strategic Communicators	3
SC 3603 or SC 4493	Copywriting and Creative Strategy or Advanced Public Relations Writing	3
MC 4163	Mass Communication Law	3
Major, College, and Elective courses		6
<b>Hours</b>		<b>15</b>
<b>Spring</b>		
SC 4843 or SC 4980	Strategic Communication Campaigns or Advertising Competitions	3



# Strategic Communication: Advertising and Public Relations, BS

## Degree Requirements

**Requirements for Students Matriculating in or before Academic Year 2022-2023.** Learn more about University Academic Regulation 3.1 (p. 943).

**Minimum Overall Grade Point Average: 2.00**

**Total Hours: 120**

Code	Title	Hours
<b>General Education Requirements</b>		
<i>English Composition</i>		
See Academic Regulation 3.5 (p. 944)		
ENGL 1113 or ENGL 1313	Composition I Critical Analysis and Writing I	3
ENGL 1213 or ENGL 1413 or ENGL 3323	Composition II Critical Analysis and Writing II Technical Writing	3
<i>American History &amp; Government</i>		
HIST 1103 or HIST 1483 or HIST 1493	Survey of American History American History to 1865 (H) American History Since 1865 (DH)	3
POLS 1113	American Government	3
<i>Analytical &amp; Quantitative Thought (A)</i>		
STAT 2013 or STAT 2023 or STAT 2053	Elementary Statistics (A) Elementary Statistics for Business and Economics (A) Elementary Statistics for the Social Sciences (A)	3
<i>Humanities (H)</i>		
Courses designated (H)		6
<i>Natural Sciences (N)</i>		
Must include one Laboratory Science (L) course		
Courses designated (N)		6
<i>Social &amp; Behavioral Sciences (S)</i>		
ECON 1113 or ECON 2103	The Economics of Social Issues (S) Introduction to Microeconomics (S)	3
MC 1143	Media in a Diverse Society (DS)	3
SPCH 2713	Introduction to Speech Communication (S)	3
<i>Additional General Education</i>		
Courses designated (A), (H), (N), or (S)		4
<b>Hours Subtotal</b>		<b>40</b>
<b>Diversity (D) &amp; International Dimension (I)</b>		
May be completed in any part of the degree plan		
Select at least one Diversity (D) course		
Select at least one International Dimension (I) course		
<b>College/Departmental Requirements</b>		
<i>First Year Seminar</i>		1
(Transfer students with 15 hours exempt)		
<i>Arts &amp; Humanities</i>		3
See note 2.a.		
<i>Natural &amp; Mathematical Sciences</i>		9

See note 2.b.

*Foreign Language*

0-6 hours. See note 3.

*Upper-Division General Education*

Select 6 hours outside major department. See note 2.c.

**Hours Subtotal** **13**

**Major Requirements**

Minimum 2.50 GPA. Minimum grade of "C" in all MC-MMJ-SC-SPM prefix courses.

*Lower-division Professional Sequence*

2.75 GPA and declared major required to take courses below:

MC 2003	Mass Media Style and Structure	3
MC 2023	Electronic Communication	3
SC 2183	Introduction to Strategic Communications	3

*Upper-division Professional Sequence*

Proficiency Review required to take courses below:

MC 4143	Ethics and Issues in Mass Communications	3
MC 4163	Mass Communication Law	3
SC 3353	Persuasive Writing for Strategic Communicators	3
SC 3753	Graphic Design for Strategic Communication	3
SC 4013	Advertising Media and Markets	3

Select 6 hours of MC, MMJ, SC or SPM

*Advertising & Public Relations*

SC 3383	Strategic Communications Management and Strategies	3
SC 3953	Research Methods for Strategic Communicators	3
SC 3603 or SC 4493	Copywriting and Creative Strategy Advanced Public Relations Writing	3
SC 4843 or SC 4980	Strategic Communication Campaigns Advertising Competitions	3

Select 3 upper-division hours of MC, MMJ, SC or SPM

*Additional Requirements*

Select 6 hours of upper-division MKTG		6
Select 3 hours of upper-division Traditional Liberal Arts (A&S, AERO, AMIS, AMST, ANTH, ART, ASL, ASTR, BIOL, CDIS, CHEM, CHIN, CS, DANC, DIVR, ENGL, FLL, FREN, GEOG, GEOL, GREK, GRMN, GWST, HIST, JAPN, LATN, MATH, MICR, MUSI, PHIL, PHYS, POLS, PSYC, REL, RUSS, SOC, SPAN, SPCH, STAT, TH) or Business or General Education		3

**Hours Subtotal** **54**

**Electives**

May need to include 6 hours of a foreign language. See note 3.

Select 13 hours. **13**

May need to include 6 hours upper-division general education outside major department. See note 2.c.

May not be able to use additional courses in MC-MMJ-SC-SPM.

MATH 1483 or MATH 1513 required for students who do not place directly into STAT.



<b>Hours Subtotal</b>	<b>13</b>
<b>Total Hours</b>	<b>120</b>

A 2.75 graduation retention GPA and at least 24 hours completed required to initially declare major. Passing the proficiency review is required for upper-division major requirements. This includes a 2.75 graduation retention GPA, and at least 12 OSU hours earned, and a 2.75 OSU GPA, and a passing score on the Language Proficiency Exam.

A minimum of 72 hours must be taken outside of MC-MMJ-SC-SPM. No more than 12 hours in MC-MMJ-SC-SPM can be transferred from other institutions.

Students are required to develop and maintain a portfolio exhibiting specific and appropriate work including required class assignments.

## Other Requirements

- See the College of Arts and Sciences Requirements.
- Minimum 2.50 GPA in all MC-MMJ-SC-SPM prefix courses.
- **Upper-Division Credit:** Total hours must include at least 40 hours in courses numbered 3000 or above.
- **Hours in One Department:** The School of Media and Strategic Communications requires that no more than 48 hours in MC-MMJ-SC-SPM may be applied to degree requirements.

## College of Arts and Sciences Requirements

### 1. General Education Requirements

No more than two courses (or eight hours) from the major department (<http://catalog.okstate.edu/college-arts-sciences-major-departments/>) may be used to meet General Education and College and Departmental Requirements. The General Education required English Composition, required U.S. History, required American Government, one required MATH or STAT course, and required foreign language for B.A. degrees do not count against the two-course maximum.

### 2. A&S College/Departmental Requirements

- Arts and Humanities are defined as any course carrying an (H) designation or courses from AMST, ART, DANC, ENGL (except ENGL 3323 Technical Writing) HIST, MUSI, PHIL (except PHIL 1313 Logic and Critical Thinking (A), PHIL 3003 Symbolic Logic (A) and PHIL 4003 Mathematical Logic and Computability), REL, TH, and foreign languages.
- Natural and Mathematical Sciences are defined as any course from the following prefixes: ASTR, BIOC, BIOL, CHEM, CS (except CS 4883 Social Issues in Computing), GEOL, MATH, MICR, PBIO, PHYS, and STAT; or courses from other departments that carry an (A) or (N) general education designation.
- The required six hours of upper-division General Education may not include courses from the student's major department. This requirement may be satisfied by courses also used to satisfy any part of a student's degree program (i.e., in General Education, College Departmental Requirements, Major Requirements or Electives).
- Non-Western Studies Requirement for B.A. and B.F.A.; One 3-hour course in Non-Western Studies (N.W.). This requirement may be satisfied by courses also used to satisfy any part of a student's degree program (i.e., in General Education, College Departmental Requirements, Major Requirements or Electives).

e. The College of Arts & Sciences requires a minimum 2.0 GPA in all major requirements and a minimum 2.0 GPA in all major-prefix courses applied to the degree.

### 3. Foreign Language Proficiency

- The foreign language requirement for the B.A. may be satisfied by 9 hours college credit in the same language, which must include 3 hours at the 2000-level, or equivalent proficiency (e.g., passing an advanced standing examination; TOEFL exam; presenting a high school transcript which demonstrates the high school was primarily conducted in a language other than English; etc.). Computer Science courses may not be used to satisfy this requirement. Currently Arabic and Mvskoke are not offered at the 2000-level at OSU.
- The foreign language requirement for the B.S., B.M. and B.F.A. may be satisfied by presenting a high school transcript which demonstrates two years of study of a single foreign language (passing grades at second-year level of study). It may also be satisfied by 6 hours college credit in the same language, which must include language courses 1713 and 1813, or equivalent proficiency (e.g., passing an advanced standing examination; TOEFL exam; presenting a high school transcript which demonstrates the high school was primarily conducted in a language other than English; etc.). Computer Science courses may not be used to satisfy this requirement.
- In addition to a. and b., students pursuing teacher certification must meet novice-high foreign language proficiency by presenting a high school transcript which demonstrates two years of study of a single foreign language with no grade below B. Or, students may complete 3 hours college credit in a single language with no grade below C (or pass an advanced standing examination, College Level Examination Program (CLEP) exam, or Oral Proficiency Interview developed by the American Council on the Teaching of Foreign Languages, equivalent to 3 hours of college credit.) Or, students may meet the requirement by transfer of documentation of meeting the foreign language competency from one of the teacher education programs in the State of Oklahoma approved by the Oklahoma State Regents for Higher Education.

### 4. Exclusions

- Courses used to satisfy the General Education English Composition, U.S. History, American Government, and Mathematics or Statistics requirements will not count toward the 54-hour maximum allowed from one department.
- Courses with ATHL or LEIS prefixes and leisure activity courses may not be used for degree credit.

## Additional State/OSU Requirements

- At least: 60 hours at a four-year institution; 30 hours completed at OSU; 15 of the final 30 or 50% of the upper-division hours in the major field completed at OSU.
- Limit of: one-half of major course requirements as transfer work; one-fourth of hours earned by correspondence; 8 transfer correspondence hours.
- Students will be held responsible for degree requirements in effect at the time of matriculation and any changes that are made, so long as these changes do not result in semester credit hours being added or do not delay graduation.
- Degrees that follow this plan must be completed by the end of Summer 2028.

# Example Plan of Study

## Finish in Four Plan of Study

The plan below is an example of how students can successfully complete degree requirements in four years. This suggested class schedule plan may be used as a guide and can be adjusted based on individual needs. Students are required to meet with an academic advisor prior to enrollment each semester to plan their class schedule, and students are ultimately responsible for completing all degree requirements.

Course	Title	Hours
<b>Freshman</b>		
<b>Fall</b>		
ENGL 1113	Composition I	3
MATH 1483 or MATH 1513	Mathematical Functions and Their Uses (A) or College Algebra (A)	3
General Education courses		8
<b>Hours</b>		<b>14</b>
<b>Spring</b>		
ENGL 1213	Composition II	3
STAT 2013 or STAT 2053 or STAT 2023	Elementary Statistics (A) or Elementary Statistics for the Social Sciences (A) or Elementary Statistics for Business and Economics (A)	3
General Education courses		10
<b>Hours</b>		<b>16</b>
<b>Sophomore</b>		
<b>Fall</b>		
SC 2183	Introduction to Strategic Communications	3
MC 2003	Mass Media Style and Structure	3
General Education courses		9
<b>Hours</b>		<b>15</b>
<b>Spring</b>		
MC 2023	Electronic Communication	3
College and Elective courses		12
<b>Hours</b>		<b>15</b>
<b>Junior</b>		
<b>Fall</b>		
SC 3353	Persuasive Writing for Strategic Communicators	3
SC 3753	Graphic Design for Strategic Communication	3
MKTG 3213	Marketing (S)	3
Major, College, and Elective courses		6
<b>Hours</b>		<b>15</b>
<b>Spring</b>		
SC 3383	Strategic Communications Management and Strategies	3
SC 4013	Advertising Media and Markets	3
MC 4143	Ethics and Issues in Mass Communications	3
3 hrs Upper-Division MKTG course		3
Major, College, and Elective courses		3
<b>Hours</b>		<b>15</b>
<b>Senior</b>		
<b>Fall</b>		
SC 3953	Research Methods for Strategic Communicators	3
SC 3603 or SC 4493	Copywriting and Creative Strategy or Advanced Public Relations Writing	3
MC 4163	Mass Communication Law	3
Major, College, and Elective courses		6
<b>Hours</b>		<b>15</b>
<b>Spring</b>		
SC 4843 or SC 4980	Strategic Communication Campaigns or Advertising Competitions	3

Major, College, and Elective courses	12
<b>Hours</b>	<b>15</b>
<b>Total Hours</b>	<b>120</b>

# Strategic Communication: Entertainment Media, BA

## Degree Requirements

**Requirements for Students Matriculating in or before Academic Year 2022-2023.** Learn more about University Academic Regulation 3.1 (p. 943).

**Minimum Overall Grade Point Average: 2.00**

**Total Hours: 120**

Code	Title	Hours
<b>General Education Requirements</b>		
<i>English Composition</i>		
See Academic Regulation 3.5 (p. 944)		
ENGL 1113 or ENGL 1313	Composition I Critical Analysis and Writing I	3
ENGL 1213 or ENGL 1413 or ENGL 3323	Composition II Critical Analysis and Writing II Technical Writing	3
<i>American History &amp; Government</i>		
HIST 1103 or HIST 1483 or HIST 1493	Survey of American History American History to 1865 (H) American History Since 1865 (DH)	3
POLS 1113	American Government	3
<i>Analytical &amp; Quantitative Thought (A)</i>		
STAT 2013 or STAT 2023 or STAT 2053	Elementary Statistics (A) Elementary Statistics for Business and Economics (A) Elementary Statistics for the Social Sciences (A)	3
<i>Humanities (H)</i>		
Courses designated (H)		6
<i>Natural Sciences (N)</i>		
Must include one Laboratory Science (L) course		
Courses designated (N)		6
<i>Social &amp; Behavioral Sciences (S)</i>		
ECON 1113 or ECON 2103	The Economics of Social Issues (S) Introduction to Microeconomics (S)	3
MC 1143	Media in a Diverse Society (DS)	3
SPCH 2713	Introduction to Speech Communication (S)	3
<i>Additional General Education</i>		
Courses designated (A), (H), (N), or (S)		4
<b>Hours Subtotal</b>		<b>40</b>
<b>Diversity (D) &amp; International Dimension (I)</b>		
May be completed in any part of the degree plan		
Select at least one Diversity (D) course		
Select at least one International Dimension (I) course		
<b>College/Departmental Requirements</b>		
<i>First Year Seminar</i>		1
(Transfer students with 15 hours exempt)		
<i>Arts &amp; Humanities</i>		9
See note 2.a.		
<i>Natural &amp; Mathematical Sciences</i>		3

See note 2.b.

<i>Foreign Language</i>	9
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See note 3.

<i>Upper-Division General Education</i>	
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Select 6 hours outside major department. See note 2.c.

<b>Hours Subtotal</b>	<b>22</b>
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**Major Requirements**

Minimum 2.50 GPA. Minimum grade of "C" in all MC-MMJ-SC-SPM prefix courses.

*Lower-division Professional Sequence*

2.75 GPA and declared major required to take courses below:

MC 2003	Mass Media Style and Structure	3
MC 2023	Electronic Communication	3
SC 2183	Introduction to Strategic Communications	3

*Upper-division Professional Sequence*

Proficiency Review required to take courses below:

MC 4143	Ethics and Issues in Mass Communications	3
MC 4163	Mass Communication Law	3
SC 3353	Persuasive Writing for Strategic Communicators	3
SC 3753	Graphic Design for Strategic Communication	3
SC 4013	Advertising Media and Markets	3

Select 6 hours of MC, MMJ, SC or SPM	6
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*Entertainment Media*

SC 3043	Entertainment in the Media	3
SC 3443	Social Media	3
MMJ 3153	Fundamentals of Video and Studio Production	3
MMJ 4960 or MMJ 4573	Live Field Production Broadcast Documentary	3
SC 4743	Entertainment Media Campaigns	3

*Additional Requirements*

Select 9 hours from:	9
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AMST 3223	Theories and Methods of American Studies	
AMST 3503	Television and American Society (DH)	
AMST 3513	Film And American Society (H)	
AMST 3683	Introduction to Digital Humanities	
ENGL 3503	Television and American Society (DH)	

<b>Hours Subtotal</b>	<b>54</b>
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**Electives**

Select 4 hours.	4
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May need to include 6 hours upper-division general education outside major department. See note 2.c.

May not be able to use additional courses in MC-MMJ-SC-SPM.

MATH 1483 or MATH 1513 required for students who do not place directly into STAT.

<b>Hours Subtotal</b>	<b>4</b>
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<b>Total Hours</b>	<b>120</b>
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A 2.75 graduation retention GPA and at least 24 hours completed required to initially declare major. Passing the proficiency review is required for upper-division major requirements. This includes a 2.75 graduation

retention GPA, and at least 12 OSU hours earned, and a 2.75 OSU GPA, and a passing score on the Language Proficiency Exam.

A minimum of 72 hours must be taken outside of MC-MMJ-SC-SPM. No more than 12 hours in MC-MMJ-SC-SPM can be transferred from other institutions.

Students are required to develop and maintain a portfolio exhibiting specific and appropriate work including required class assignments

## Other Requirements

- See the College of Arts and Sciences Requirements.
- Minimum 2.50 GPA in all MC-MMJ-SC-SPM prefix courses.
- **Upper-Division Credit:** Total hours must include at least 40 hours in courses numbered 3000 or above.
- **Hours in One Department:** The School of Media and Strategic Communications requires that no more than 48 hours in MC-MMJ-SC-SPM may be applied to degree requirements.

## College of Arts and Sciences Requirements

### 1. General Education Requirements

No more than two courses (or eight hours) from the major department (<http://catalog.okstate.edu/college-arts-sciences-major-departments/>) may be used to meet General Education and College and Departmental Requirements. The General Education required English Composition, required U.S. History, required American Government, one required MATH or STAT course, and required foreign language for B.A. degrees do not count against the two-course maximum.

### 2. A&S College/Departmental Requirements

- Arts and Humanities are defined as any course carrying an (H) designation or courses from AMST, ART, DANC, ENGL (except ENGL 3323 Technical Writing) HIST, MUSI, PHIL (except PHIL 1313 Logic and Critical Thinking (A), PHIL 3003 Symbolic Logic (A) and PHIL 4003 Mathematical Logic and Computability), REL, TH, and foreign languages.
- Natural and Mathematical Sciences are defined as any course from the following prefixes: ASTR, BIOC, BIOL, CHEM, CS (except CS 4883 Social Issues in Computing), GEOL, MATH, MICR, PBIO, PHYS, and STAT; or courses from other departments that carry an (A) or (N) general education designation.
- The required six hours of upper-division General Education may not include courses from the student's major department. This requirement may be satisfied by courses also used to satisfy any part of a student's degree program (i.e., in General Education, College Departmental Requirements, Major Requirements or Electives).
- Non-Western Studies Requirement for B.A. and B.F.A.; One 3-hour course in Non-Western Studies (N.W.). This requirement may be satisfied by courses also used to satisfy any part of a student's degree program (i.e., in General Education, College Departmental Requirements, Major Requirements or Electives).
- The College of Arts & Sciences requires a minimum 2.0 GPA in all major requirements and a minimum 2.0 GPA in all major-prefix courses applied to the degree.

### 3. Foreign Language Proficiency

- The foreign language requirement for the B.A. may be satisfied by 9 hours college credit in the same language, which must include

3 hours at the 2000-level, or equivalent proficiency (e.g., passing an advanced standing examination; TOEFL exam; presenting a high school transcript which demonstrates the high school was primarily conducted in a language other than English; etc.). Computer Science courses may not be used to satisfy this requirement. Currently Arabic and Mvskoke are not offered at the 2000-level at OSU.

- The foreign language requirement for the B.S., B.M. and B.F.A. may be satisfied by presenting a high school transcript which demonstrates two years of study of a single foreign language (passing grades at second-year level of study). It may also be satisfied by 6 hours college credit in the same language, which must include language courses 1713 and 1813, or equivalent proficiency (e.g., passing an advanced standing examination; TOEFL exam; presenting a high school transcript which demonstrates the high school was primarily conducted in a language other than English; etc.). Computer Science courses may not be used to satisfy this requirement.
  - In addition to a. and b., students pursuing teacher certification must meet novice-high foreign language proficiency by presenting a high school transcript which demonstrates two years of study of a single foreign language with no grade below B. Or, students may complete 3 hours college credit in a single language with no grade below C (or pass an advanced standing examination, College Level Examination Program (CLEP) exam, or Oral Proficiency Interview developed by the American Council on the Teaching of Foreign Languages, equivalent to 3 hours of college credit.) Or, students may meet the requirement by transfer of documentation of meeting the foreign language competency from one of the teacher education programs in the State of Oklahoma approved by the Oklahoma State Regents for Higher Education.
- ### 4. Exclusions
- Courses used to satisfy the General Education English Composition, U.S. History, American Government, and Mathematics or Statistics requirements will not count toward the 54-hour maximum allowed from one department.
  - Courses with ATHL or LEIS prefixes and leisure activity courses may not be used for degree credit.

## Additional State/OSU Requirements

- At least: 60 hours at a four-year institution; 30 hours completed at OSU; 15 of the final 30 or 50% of the upper-division hours in the major field completed at OSU.
- Limit of: one-half of major course requirements as transfer work; one-fourth of hours earned by correspondence; 8 transfer correspondence hours.
- Students will be held responsible for degree requirements in effect at the time of matriculation and any changes that are made, so long as these changes do not result in semester credit hours being added or do not delay graduation.
- Degrees that follow this plan must be completed by the end of Summer 2028.

## Example Plan of Study

### Finish in Four Plan of Study

The plan below is an example of how students can successfully complete degree requirements in four years. This suggested class schedule plan may be used as a guide and can be adjusted based on individual

needs. Students are required to meet with an academic advisor prior to enrollment each semester to plan their class schedule, and students are ultimately responsible for completing all degree requirements.

Course	Title	Hours
<b>Freshman</b>		
<b>Fall</b>		
ENGL 1113	Composition I	3
MATH 1483 or MATH 1513	Mathematical Functions and Their Uses (A) or College Algebra (A)	3
General Education courses		9
<b>Hours</b>		<b>15</b>
<b>Spring</b>		
ENGL 1213	Composition II	3
STAT 2013 or STAT 2053 or STAT 2023	Elementary Statistics (A) or Elementary Statistics for the Social Sciences (A) or Elementary Statistics for Business and Economics (A)	3
1713 First Semester Foreign Language		3
General Education courses		6
<b>Hours</b>		<b>15</b>
<b>Sophomore</b>		
<b>Fall</b>		
1813 Second Semester Foreign Language		3
General Education courses		12
<b>Hours</b>		<b>15</b>
<b>Spring</b>		
2000-level Foreign Language		3
College and Elective courses		12
<b>Hours</b>		<b>15</b>
<b>Junior</b>		
<b>Fall</b>		
SC 2183	Introduction to Strategic Communications	3
MC 2003	Mass Media Style and Structure	3
MC 2023	Electronic Communication	3
SC 3043	Entertainment in the Media (F)	3
Major, College, and Elective courses		3
<b>Hours</b>		<b>15</b>
<b>Spring</b>		
MMJ 3153	Fundamentals of Video and Studio Production	3
SC 3353	Persuasive Writing for Strategic Communicators	3
SC 3753	Graphic Design for Strategic Communication	3
SC 3443	Social Media (Sp)	3
Major, College, and Elective courses		3
<b>Hours</b>		<b>15</b>
<b>Senior</b>		
<b>Fall</b>		
SC 4013	Advertising Media and Markets	3
MMJ 4960 or MMJ 4573	Live Field Production or Broadcast Documentary	3
MC 4163	Mass Communication Law	3
Major, College, and Elective courses		6
<b>Hours</b>		<b>15</b>
<b>Spring</b>		
SC 4743	Entertainment Media Campaigns (Sp)	3
MC 4143	Ethics and Issues in Mass Communications	3
Major, College, and Elective courses		9
<b>Hours</b>		<b>15</b>
<b>Total Hours</b>		<b>120</b>

# Strategic Communication: Entertainment Media, BS

## Degree Requirements

**Requirements for Students Matriculating in or before Academic Year 2022-2023.** Learn more about University Academic Regulation 3.1 (p. 943).

**Minimum Overall Grade Point Average: 2.00**

**Total Hours: 120**

Code	Title	Hours
<b>General Education Requirements</b>		
<i>English Composition</i>		
See Academic Regulation 3.5 (p. 944)		
ENGL 1113 or ENGL 1313	Composition I Critical Analysis and Writing I	3
ENGL 1213 or ENGL 1413 or ENGL 3323	Composition II Critical Analysis and Writing II Technical Writing	3
<i>American History &amp; Government</i>		
HIST 1103 or HIST 1483 or HIST 1493	Survey of American History American History to 1865 (H) American History Since 1865 (DH)	3
POLS 1113	American Government	3
<i>Analytical &amp; Quantitative Thought (A)</i>		
STAT 2013 or STAT 2023 or STAT 2053	Elementary Statistics (A) Elementary Statistics for Business and Economics (A) Elementary Statistics for the Social Sciences (A)	3
<i>Humanities (H)</i>		
Courses designated (H)		6
<i>Natural Sciences (N)</i>		
Must include one Laboratory Science (L) course		
Courses designated (N)		6
<i>Social &amp; Behavioral Sciences (S)</i>		
ECON 1113 or ECON 2103	The Economics of Social Issues (S) Introduction to Microeconomics (S)	3
MC 1143	Media in a Diverse Society (DS)	3
SPCH 2713	Introduction to Speech Communication (S)	3
<i>Additional General Education</i>		
Courses designated (A), (H), (N), or (S)		4
<b>Hours Subtotal</b>		<b>40</b>
<b>Diversity (D) &amp; International Dimension (I)</b>		
May be completed in any part of the degree plan		
Select at least one Diversity (D) course		
Select at least one International Dimension (I) course		
<b>College/Departmental Requirements</b>		
<i>First Year Seminar</i>		1
(Transfer students with 15 hours exempt)		
<i>Arts &amp; Humanities</i>		3
See note 2.a.		
<i>Natural &amp; Mathematical Sciences</i>		9

See note 2.b.

### *Foreign Language*

0-6 hours. See note 3.a.

### *Upper-Division General Education*

Select 6 hours outside major department. See note 2.c.

**Hours Subtotal** 13

### **Major Requirements**

Minimum 2.50 GPA. Minimum grade of "C" in all MC-MMJ-SC-SPM prefix courses.

### *Lower-division Professional Sequence*

2.75 GPA and declared major required to take courses below:

MC 2003	Mass Media Style and Structure	3
MC 2023	Electronic Communication	3
SC 2183	Introduction to Strategic Communications	3

### *Upper-division Professional Sequence*

Proficiency Review required to take courses below:

MC 4143	Ethics and Issues in Mass Communications	3
MC 4163	Mass Communication Law	3
SC 3353	Persuasive Writing for Strategic Communicators	3
SC 3753	Graphic Design for Strategic Communication	3
SC 4013	Advertising Media and Markets	3
Select 6 hours of MC, MMJ, SC or SPM		6

### *Entertainment Media*

SC 3043	Entertainment in the Media	3
SC 3443	Social Media	3
MMJ 3153	Fundamentals of Video and Studio Production	3
MMJ 4960 or MMJ 4573	Live Field Production Broadcast Documentary	3
SC 4743	Entertainment Media Campaigns	3

### *Additional Requirements*

Select 9 hours from:		9
AMST 3223	Theories and Methods of American Studies	
AMST 3503	Television and American Society (DH)	
AMST 3513	Film And American Society (H)	
AMST 3683	Introduction to Digital Humanities	
ENGL 3503	Television and American Society (DH)	

**Hours Subtotal** 54

### **Electives**

Select 13 hours. 13

May need to include 6 hours of a foreign language. See note 3.

May need to include 6 hours upper-division general education outside major department. See note 2.c.

May not be able to use additional courses in MC-MMJ-SC-SPM.

MATH 1483 or MATH 1513 required for students who do not place directly into STAT.

**Hours Subtotal** 13

**Total Hours** 120

A 2.75 graduation retention GPA and at least 24 hours completed required to initially declare major. Passing the proficiency review is required for



upper-division major requirements. This includes a 2.75 graduation retention GPA, and at least 12 OSU hours earned, and a 2.75 OSU GPA, and a passing score on the Language Proficiency Exam.

A minimum of 72 hours must be taken outside of MC-MMJ-SC-SPM. No more than 12 hours in MC-MMJ-SC-SPM can be transferred from other institutions.

Students are required to develop and maintain a portfolio exhibiting specific and appropriate work including required class assignments.

## Other Requirements

- See the College of Arts and Sciences Requirements.
- Minimum 2.50 GPA in all MC-MMJ-SC-SPM prefix courses.
- **Upper-Division Credit:** Total hours must include at least 40 hours in courses numbered 3000 or above.
- **Hours in One Department:** The School of Media and Strategic Communications requires that no more than 48 hours in MC-MMJ-SC-SPM may be applied to degree requirements.

## College of Arts and Sciences Requirements

### 1. General Education Requirements

No more than two courses (or eight hours) from the major department (<http://catalog.okstate.edu/college-arts-sciences-major-departments/>) may be used to meet General Education and College and Departmental Requirements. The General Education required English Composition, required U.S. History, required American Government, one required MATH or STAT course, and required foreign language for B.A. degrees do not count against the two-course maximum.

### 2. A&S College/Departmental Requirements

- a. Arts and Humanities are defined as any course carrying an (H) designation or courses from AMST, ART, DANC, ENGL (except ENGL 3323 Technical Writing) HIST, MUSI, PHIL (except PHIL 1313 Logic and Critical Thinking (A), PHIL 3003 Symbolic Logic (A) and PHIL 4003 Mathematical Logic and Computability), REL, TH, and foreign languages.
- b. Natural and Mathematical Sciences are defined as any course from the following prefixes: ASTR, BIOC, BIOL, CHEM, CS (except CS 4883 Social Issues in Computing), GEOL, MATH, MICR, PBIO, PHYS, and STAT; or courses from other departments that carry an (A) or (N) general education designation.
- c. The required six hours of upper-division General Education may not include courses from the student's major department. This requirement may be satisfied by courses also used to satisfy any part of a student's degree program (i.e., in General Education, College Departmental Requirements, Major Requirements or Electives).
- d. Non-Western Studies Requirement for B.A. and B.F.A.; One 3-hour course in Non-Western Studies (N.W.). This requirement may be satisfied by courses also used to satisfy any part of a student's degree program (i.e., in General Education, College Departmental Requirements, Major Requirements or Electives).
- e. The College of Arts & Sciences requires a minimum 2.0 GPA in all major requirements and a minimum 2.0 GPA in all major-prefix courses applied to the degree.

### 3. Foreign Language Proficiency

- a. The foreign language requirement for the B.A. may be satisfied by 9 hours college credit in the same language, which must include 3 hours at the 2000-level, or equivalent proficiency (e.g., passing an advanced standing examination; TOEFL exam; presenting a high school transcript which demonstrates the high school was primarily conducted in a language other than English; etc.). Computer Science courses may not be used to satisfy this requirement. Currently Arabic and Mvskoke are not offered at the 2000-level at OSU.
- b. The foreign language requirement for the B.S., B.M. and B.F.A. may be satisfied by presenting a high school transcript which demonstrates two years of study of a single foreign language (passing grades at second-year level of study). It may also be satisfied by 6 hours college credit in the same language, which must include language courses 1713 and 1813, or equivalent proficiency (e.g., passing an advanced standing examination; TOEFL exam; presenting a high school transcript which demonstrates the high school was primarily conducted in a language other than English; etc.). Computer Science courses may not be used to satisfy this requirement.
- c. In addition to a. and b., students pursuing teacher certification must meet novice-high foreign language proficiency by presenting a high school transcript which demonstrates two years of study of a single foreign language with no grade below B. Or, students may complete 3 hours college credit in a single language with no grade below C (or pass an advanced standing examination, College Level Examination Program (CLEP) exam, or Oral Proficiency Interview developed by the American Council on the Teaching of Foreign Languages, equivalent to 3 hours of college credit.) Or, students may meet the requirement by transfer of documentation of meeting the foreign language competency from one of the teacher education programs in the State of Oklahoma approved by the Oklahoma State Regents for Higher Education.

### 4. Exclusions

- a. Courses used to satisfy the General Education English Composition, U.S. History, American Government, and Mathematics or Statistics requirements will not count toward the 54-hour maximum allowed from one department.
- b. Courses with ATHL or LEIS prefixes and leisure activity courses may not be used for degree credit.

## Additional State/OSU Requirements

- At least: 60 hours at a four-year institution; 30 hours completed at OSU; 15 of the final 30 or 50% of the upper-division hours in the major field completed at OSU.
- Limit of: one-half of major course requirements as transfer work; one-fourth of hours earned by correspondence; 8 transfer correspondence hours.
- Students will be held responsible for degree requirements in effect at the time of matriculation and any changes that are made, so long as these changes do not result in semester credit hours being added or do not delay graduation.
- Degrees that follow this plan must be completed by the end of Summer 2028.

## Example Plan of Study

### Finish in Four Plan of Study

The plan below is an example of how students can successfully complete degree requirements in four years. This suggested class schedule plan may be used as a guide and can be adjusted based on individual needs. Students are required to meet with an academic advisor prior to enrollment each semester to plan their class schedule, and students are ultimately responsible for completing all degree requirements.

Course	Title	Hours
<b>Freshman</b>		
<b>Fall</b>		
ENGL 1113	Composition I	3
MATH 1483 or MATH 1513	Mathematical Functions and Their Uses (A) or College Algebra (A)	3
General Education courses		9
<b>Hours</b>		<b>15</b>
<b>Spring</b>		
ENGL 1213	Composition II	3
STAT 2013 or STAT 2053 or STAT 2023	Elementary Statistics (A) or Elementary Statistics for the Social Sciences (A) or Elementary Statistics for Business and Economics (A)	3
General Education courses		9
<b>Hours</b>		<b>15</b>
<b>Sophomore</b>		
<b>Fall</b>		
General Education courses		15
<b>Hours</b>		<b>15</b>
<b>Spring</b>		
College and Elective courses		15
<b>Hours</b>		<b>15</b>
<b>Junior</b>		
<b>Fall</b>		
SC 2183	Introduction to Strategic Communications	3
MC 2003	Mass Media Style and Structure	3
MC 2023	Electronic Communication	3
SC 3043	Entertainment in the Media (F)	3
Major, College, and Elective courses		3
<b>Hours</b>		<b>15</b>
<b>Spring</b>		
MMJ 3153	Fundamentals of Video and Studio Production	3
SC 3353	Persuasive Writing for Strategic Communicators	3
SC 3753	Graphic Design for Strategic Communication	3
SC 3443	Social Media (Sp)	3
Major, College, and Elective courses		3
<b>Hours</b>		<b>15</b>
<b>Senior</b>		
<b>Fall</b>		
SC 4013	Advertising Media and Markets	3
MMJ 4960 or MMJ 4573	Live Field Production or Broadcast Documentary	3
MC 4163	Mass Communication Law	3
Major, College, and Elective courses		6
<b>Hours</b>		<b>15</b>
<b>Spring</b>		
SC 4743	Entertainment Media Campaigns (Sp)	3
MC 4143	Ethics and Issues in Mass Communications	3
Major, College, and Elective courses		9
<b>Hours</b>		<b>15</b>
<b>Total Hours</b>		<b>120</b>

# Strategic Communication: Social Media, BA

## Degree Requirements

**Requirements for Students Matriculating in or before Academic Year 2022-2023.** Learn more about University Academic Regulation 3.1 (p. 943).

**Minimum Overall Grade Point Average: 2.00**

**Total Hours: 120**

Code	Title	Hours
<b>General Education Requirements</b>		
<i>English Composition</i>		
See Academic Regulation 3.5 (p. 944)		
ENGL 1113 or ENGL 1313	Composition I Critical Analysis and Writing I	3
ENGL 1213 or ENGL 1413 or ENGL 3323	Composition II Critical Analysis and Writing II Technical Writing	3
<i>American History &amp; Government</i>		
HIST 1103 or HIST 1483 or HIST 1493	Survey of American History American History to 1865 (H) American History Since 1865 (DH)	3
POLS 1113	American Government	3
<i>Analytical &amp; Quantitative Thought (A)</i>		
STAT 2013 or STAT 2023 or STAT 2053	Elementary Statistics (A) Elementary Statistics for Business and Economics (A) Elementary Statistics for the Social Sciences (A)	3
<i>Humanities (H)</i>		
Courses designated (H)		6
<i>Natural Sciences (N)</i>		
Must include one Laboratory Science (L) course		
Courses designated (N)		6
<i>Social &amp; Behavioral Sciences (S)</i>		
ECON 1113 or ECON 2103	The Economics of Social Issues (S) Introduction to Microeconomics (S)	3
MC 1143	Media in a Diverse Society (DS)	3
SPCH 2713	Introduction to Speech Communication (S)	3
<i>Additional General Education</i>		
Courses designated (A), (H), (N), or (S)		4
<b>Hours Subtotal</b>		<b>40</b>

### Diversity (D) & International Dimension (I)

May be completed in any part of the degree plan

Select at least one Diversity (D) course

Select at least one International Dimension (I) course

### College/Departmental Requirements

*First Year Seminar* 1

(Transfer Students with 15 hours exempt)

*Arts & Humanities* 9

See note 2.a.

*Natural & Mathematical Sciences* 3

See note 2.b.

*Foreign Language*  
9 hours. See note 3. 9

### Upper-Division General Education

Select 6 hours outside major department. See note 2.c.

**Hours Subtotal** 22

### Major Requirements

Minimum 2.50 GPA. Minimum grade of "C" in all MC-MMJ-SC-SPM prefix courses.

#### Lower-division Professional Sequence

2.75 GPA and declared major required to take courses below:

MC 2003	Mass Media Style and Structure	3
MC 2023	Electronic Communication	3
SC 2183	Introduction to Strategic Communications	3

#### Upper-division Professional Sequence

Proficiency Review required to take courses below:

MC 4143	Ethics and Issues in Mass Communications	3
MC 4163	Mass Communication Law	3
SC 3353	Persuasive Writing for Strategic Communicators	3
SC 3753	Graphic Design for Strategic Communication	3
SC 4013	Advertising Media and Markets	3

Select 6 hours of MC, MMJ, SC or SPM 6

#### Social Media

SC 3443	Social Media	3
SC 4063	Media Performance	3
SC 4653	Electronic Media Advertising	3
SC 4493	Advanced Public Relations Writing	3
SC 4763	Social Media Campaigns	3

#### Additional Requirements

Select 9 hours of upper-division MKTG. 9

**Hours Subtotal** 54

### Electives

Select 4 hours. 4

May need to include 6 hours upper-division general education outside major department. See note 2.c.

May not be able to use additional courses in MC-MMJ-SC-SPM

MATH 1483 or MATH 1513 required for students who do not place directly into STAT.

**Hours Subtotal** 4

**Total Hours** 120

## Strategic Communications Requirements

A 2.75 graduation retention GPA and at least 24 hours completed required to initially declare major. Passing the proficiency review is required for upper-division major requirements. This includes a 2.75 graduation retention GPA, and at least 12 OSU hours earned, and a 2.75 OSU GPA, and a passing score on the Language Proficiency Exam.

A minimum of 72 hours must be taken outside of MC-MMJ-SC-SPM. No more than 12 hours in MC-MMJ-SC-SPM can be transferred from other institutions.

Students are required to develop and maintain a portfolio exhibiting specific and appropriate work including required class assignments.

## Other Requirements

- See the College of Arts and Sciences Requirements.
- Minimum 2.50 GPA in all MC-MMJ-SC-SPM prefix courses.
- **Upper-Division Credit:** Total hours must include at least 40 hours in courses numbered 3000 or above.
- **Hours in One Department:** The School of Media and Strategic Communications requires that no more than 48 hours in MC-MMJ-SC-SPM may be applied to degree requirements.

## College of Arts and Sciences Requirements

### 1. General Education Requirements

No more than two courses (or eight hours) from the major department (<http://catalog.okstate.edu/college-arts-sciences-major-departments/>) may be used to meet General Education and College and Departmental Requirements. The General Education required English Composition, required U.S. History, required American Government, one required MATH or STAT course, and required foreign language for B.A. degrees do not count against the two-course maximum.

### 2. A&S College/Departmental Requirements

- Arts and Humanities are defined as any course carrying an (H) designation or courses from AMST, ART, DANC, ENGL (except ENGL 3323 Technical Writing) HIST, MUSI, PHIL (except PHIL 1313 Logic and Critical Thinking (A), PHIL 3003 Symbolic Logic (A) and PHIL 4003 Mathematical Logic and Computability), REL, TH, and foreign languages.
- Natural and Mathematical Sciences are defined as any course from the following prefixes: ASTR, BIOC, BIOL, CHEM, CS (except CS 4883 Social Issues in Computing), GEOL, MATH, MICR, PBIO, PHYS, and STAT; or courses from other departments that carry an (A) or (N) general education designation.
- The required six hours of upper-division General Education may not include courses from the student's major department. This requirement may be satisfied by courses also used to satisfy any part of a student's degree program (i.e., in General Education, College Departmental Requirements, Major Requirements or Electives).
- Non-Western Studies Requirement for B.A. and B.F.A.; One 3-hour course in Non-Western Studies (N.W.). This requirement may be satisfied by courses also used to satisfy any part of a student's degree program (i.e., in General Education, College Departmental Requirements, Major Requirements or Electives).
- The College of Arts & Sciences requires a minimum 2.0 GPA in all major requirements and a minimum 2.0 GPA in all major-prefix courses applied to the degree.

### 3. Foreign Language Proficiency

- The foreign language requirement for the B.A. may be satisfied by 9 hours college credit in the same language, which must include 3 hours at the 2000-level, or equivalent proficiency (e.g., passing an advanced standing examination; TOEFL exam; presenting a high school transcript which demonstrates the high school was primarily conducted in a language other than English; etc.). Computer Science courses may not be used to satisfy this

requirement. Currently Arabic and Mvskoke are not offered at the 2000-level at OSU.

- The foreign language requirement for the B.S., B.M. and B.F.A. may be satisfied by presenting a high school transcript which demonstrates two years of study of a single foreign language (passing grades at second-year level of study). It may also be satisfied by 6 hours college credit in the same language, which must include language courses 1713 and 1813, or equivalent proficiency (e.g., passing an advanced standing examination; TOEFL exam; presenting a high school transcript which demonstrates the high school was primarily conducted in a language other than English; etc.). Computer Science courses may not be used to satisfy this requirement.
- In addition to a. and b., students pursuing teacher certification must meet novice-high foreign language proficiency by presenting a high school transcript which demonstrates two years of study of a single foreign language with no grade below B. Or, students may complete 3 hours college credit in a single language with no grade below C (or pass an advanced standing examination, College Level Examination Program (CLEP) exam, or Oral Proficiency Interview developed by the American Council on the Teaching of Foreign Languages, equivalent to 3 hours of college credit.) Or, students may meet the requirement by transfer of documentation of meeting the foreign language competency from one of the teacher education programs in the State of Oklahoma approved by the Oklahoma State Regents for Higher Education.

### 4. Exclusions

- Courses used to satisfy the General Education English Composition, U.S. History, American Government, and Mathematics or Statistics requirements will not count toward the 54-hour maximum allowed from one department.
- Courses with ATHL or LEIS prefixes and leisure activity courses may not be used for degree credit.

## Additional State/OSU Requirements

- At least: 60 hours at a four-year institution; 30 hours completed at OSU; 15 of the final 30 or 50% of the upper-division hours in the major field completed at OSU.
- Limit of: one-half of major course requirements as transfer work; one-fourth of hours earned by correspondence; 8 transfer correspondence hours.
- Students will be held responsible for degree requirements in effect at the time of matriculation and any changes that are made, so long as these changes do not result in semester credit hours being added or do not delay graduation.
- Degrees that follow this plan must be completed by the end of Summer 2028.

## Example Plan of Study

### Finish in Four Plan of Study

The plan below is an example of how students can successfully complete degree requirements in four years. This suggested class schedule plan may be used as a guide and can be adjusted based on individual needs. Students are required to meet with an academic advisor prior to enrollment each semester to plan their class schedule, and students are ultimately responsible for completing all degree requirements.

Course	Title	Hours
<b>Freshman</b>		
<b>Fall</b>		
ENGL 1113	Composition I	3
MATH 1483 or MATH 1513	Mathematical Functions and Their Uses (A) or College Algebra (A)	3
General Education courses		8
<b>Hours</b>		<b>14</b>
<b>Spring</b>		
ENGL 1213	Composition II	3
STAT 2013 or STAT 2053 or STAT 2023	Elementary Statistics (A) or Elementary Statistics for the Social Sciences (A) or Elementary Statistics for Business and Economics (A)	3
General Education courses		10
<b>Hours</b>		<b>16</b>
<b>Sophomore</b>		
<b>Fall</b>		
SC 2183	Introduction to Strategic Communications	3
MC 2003	Mass Media Style and Structure	3
1713 First Semester Foreign Language		3
General Education courses		6
<b>Hours</b>		<b>15</b>
<b>Spring</b>		
MC 2023	Electronic Communication	3
1813 Second Semester Foreign Language		3
College and Elective courses		9
<b>Hours</b>		<b>15</b>
<b>Junior</b>		
<b>Fall</b>		
SC 3353	Persuasive Writing for Strategic Communicators	3
SC 3753	Graphic Design for Strategic Communication	3
MKTG 3213	Marketing (S)	3
2000-level Foreign Language		3
Major, College, and Elective courses		3
<b>Hours</b>		<b>15</b>
<b>Spring</b>		
SC 3443	Social Media (Sp)	3
SC 4653	Electronic Media Advertising (Sp)	3
MC 4143	Ethics and Issues in Mass Communications	3
Major, College, and Elective courses		6
<b>Hours</b>		<b>15</b>
<b>Senior</b>		
<b>Fall</b>		
SC 4013	Advertising Media and Markets	3
SC 4063	Media Performance (F)	3
SC 4493	Advanced Public Relations Writing	3
MC 4163	Mass Communication Law	3
Major, College, and Elective courses		3
<b>Hours</b>		<b>15</b>
<b>Spring</b>		
SC 4763	Social Media Campaigns (Sp)	3
Major, College, and Elective courses		12
<b>Hours</b>		<b>15</b>
<b>Total Hours</b>		<b>120</b>

# Strategic Communication: Social Media, BS

## Degree Requirements

**Requirements for Students Matriculating in or before Academic Year 2022-2023.** Learn more about University Academic Regulation 3.1 (p. 943).

**Minimum Overall Grade Point Average: 2.00**

**Total Hours: 120**

Code	Title	Hours
<b>General Education Requirements</b>		
<i>English Composition</i>		
See Academic Regulation 3.5 (p. 944)		
ENGL 1113 or ENGL 1313	Composition I Critical Analysis and Writing I	3
ENGL 1213 or ENGL 1413 or ENGL 3323	Composition II Critical Analysis and Writing II Technical Writing	3
<i>American History &amp; Government</i>		
HIST 1103 or HIST 1483 or HIST 1493	Survey of American History American History to 1865 (H) American History Since 1865 (DH)	3
POLS 1113	American Government	3
<i>Analytical &amp; Quantitative Thought (A)</i>		
STAT 2013 or STAT 2023 or STAT 2053	Elementary Statistics (A) Elementary Statistics for Business and Economics (A) Elementary Statistics for the Social Sciences (A)	3
<i>Humanities (H)</i>		
Courses designated (H)		6
<i>Natural Sciences (N)</i>		
Must include one Laboratory Science (L) course		
Courses designated (N)		6
<i>Social &amp; Behavioral Sciences (S)</i>		
ECON 1113 or ECON 2103	The Economics of Social Issues (S) Introduction to Microeconomics (S)	3
MC 1143	Media in a Diverse Society (DS)	3
SPCH 2713	Introduction to Speech Communication (S)	3
<i>Additional General Education</i>		
Courses designated (A), (H), (N), or (S)		4
<b>Hours Subtotal</b>		<b>40</b>
Diversity (D) & International Dimension (I)		
May be completed in any part of the degree plan		
Select at least one Diveristy (D) course		
Select at least one International Dimension (I) course		
<b>College/Departmental Requirements</b>		
<i>First Year Seminar</i>		1
(Transfer students with 15 hours exempt)		
<i>Arts &amp; Humanities</i>		3
See note 2.a.		
<i>Natural &amp; Mathematical Sciences</i>		9

See note 2.b.

*Foreign Language*

0-6 hours. See note 3.

*Upper-Division General Education*

Select 6 hours outside major department. See note 2.c.

**Hours Subtotal** **13**

**Major Requirements**

Minimum 2.50 GPA. Minimum grade of "C" in all MC-MMJ-SC-SPM prefix courses.

*Lower-division Professional Sequence*

2.75 GPA and declared major required to take courses below:

MC 2003	Mass Media Style and Structure	3
MC 2023	Electronic Communication	3
SC 2183	Introduction to Strategic Communications	3

*Upper-division Professional Sequence*

Proficiency Review required to take courses below:

MC 4143	Ethics and Issues in Mass Communications	3
MC 4163	Mass Communication Law	3
SC 3353	Persuasive Writing for Strategic Communicators	3
SC 3753	Graphic Design for Strategic Communication	3
SC 4013	Advertising Media and Markets	3

Select 6 hours of MC, MMJ, SC or SPM.

*Social Media*

SC 3443	Social Media	3
SC 4063	Media Performance	3
SC 4653	Electronic Media Advertising	3
SC 4493	Advanced Public Relations Writing	3
SC 4763	Social Media Campaigns	3

*Additional Requirements*

Select 9 hours of upper-division MKTG. **9**

**Hours Subtotal** **54**

**Electives**

Select 13 hours. **13**

May need to include 6 hours of a foreign language. See note 3.

May need to include 6 hours upper-division general education outside major department. See note 2.c.

May not be able to use additional courses in MC-MMJ-SC-SPM.

MATH 1483 or MATH 1513 required for students who do not place directly into STAT.

**Hours Subtotal** **13**

**Total Hours** **120**

## Strategic Communications Requirements

- A 2.75 graduation retention GPA and at least 24 hours completed required to initially declare major. Passing the proficiency review is required for upper-division major requirements. This includes a 2.75 graduation retention GPA, and at least 12 OSU hours earned, and a 2.75 OSU GPA, and a passing score on the Language Proficiency Exam.



- A minimum of 72 hours must be taken outside of MC-MMJ-SC-SPM. No more than 12 hours in MC-MMJ-SC-SPM can be transferred from other institutions.
- Students are required to develop and maintain a portfolio exhibiting specific and appropriate work including required class assignments.

## Other Requirements

- See the College of Arts and Sciences Requirements.
- Minimum 2.50 GPA in all MC-MMJ-SC-SPM prefix courses.
- **Upper-Division Credit:** Total hours must include at least 40 hours in courses numbered 3000 or above.
- **Hours in One Department:** The School of Media and Strategic Communications requires that no more than 48 hours in MC-MMJ-SC-SPM may be applied to degree requirements.

## College of Arts and Sciences Requirements

### 1. General Education Requirements

No more than two courses (or eight hours) from the major department (<http://catalog.okstate.edu/college-arts-sciences-major-departments/>) may be used to meet General Education and College and Departmental Requirements. The General Education required English Composition, required U.S. History, required American Government, one required MATH or STAT course, and required foreign language for B.A. degrees do not count against the two-course maximum.

### 2. A&S College/Departmental Requirements

- Arts and Humanities are defined as any course carrying an (H) designation or courses from AMST, ART, DANC, ENGL (except ENGL 3323 Technical Writing) HIST, MUSI, PHIL (except PHIL 1313 Logic and Critical Thinking (A), PHIL 3003 Symbolic Logic (A) and PHIL 4003 Mathematical Logic and Computability), REL, TH, and foreign languages.
- Natural and Mathematical Sciences are defined as any course from the following prefixes: ASTR, BIOC, BIOL, CHEM, CS (except CS 4883 Social Issues in Computing), GEOL, MATH, MICR, P BIO, PHYS, and STAT; or courses from other departments that carry an (A) or (N) general education designation.
- The required six hours of upper-division General Education may not include courses from the student's major department. This requirement may be satisfied by courses also used to satisfy any part of a student's degree program (i.e., in General Education, College Departmental Requirements, Major Requirements or Electives).
- Non-Western Studies Requirement for B.A. and B.F.A.; One 3-hour course in Non-Western Studies (N.W.). This requirement may be satisfied by courses also used to satisfy any part of a student's degree program (i.e., in General Education, College Departmental Requirements, Major Requirements or Electives).
- The College of Arts & Sciences requires a minimum 2.0 GPA in all major requirements and a minimum 2.0 GPA in all major-prefix courses applied to the degree.

### 3. Foreign Language Proficiency

- The foreign language requirement for the B.A. may be satisfied by 9 hours college credit in the same language, which must include 3 hours at the 2000-level, or equivalent proficiency (e.g., passing an advanced standing examination; TOEFL exam; presenting a high school transcript which demonstrates the high school

was primarily conducted in a language other than English; etc.). Computer Science courses may not be used to satisfy this requirement. Currently Arabic and Mvskoke are not offered at the 2000-level at OSU.

- The foreign language requirement for the B.S., B.M. and B.F.A. may be satisfied by presenting a high school transcript which demonstrates two years of study of a single foreign language (passing grades at second-year level of study). It may also be satisfied by 6 hours college credit in the same language, which must include language courses 1713 and 1813, or equivalent proficiency (e.g., passing an advanced standing examination; TOEFL exam; presenting a high school transcript which demonstrates the high school was primarily conducted in a language other than English; etc.). Computer Science courses may not be used to satisfy this requirement.
  - In addition to a. and b., students pursuing teacher certification must meet novice-high foreign language proficiency by presenting a high school transcript which demonstrates two years of study of a single foreign language with no grade below B. Or, students may complete 3 hours college credit in a single language with no grade below C (or pass an advanced standing examination, College Level Examination Program (CLEP) exam, or Oral Proficiency Interview developed by the American Council on the Teaching of Foreign Languages, equivalent to 3 hours of college credit.) Or, students may meet the requirement by transfer of documentation of meeting the foreign language competency from one of the teacher education programs in the State of Oklahoma approved by the Oklahoma State Regents for Higher Education.
- ### 4. Exclusions
- Courses used to satisfy the General Education English Composition, U.S. History, American Government, and Mathematics or Statistics requirements will not count toward the 54-hour maximum allowed from one department.
  - Courses with ATHL or LEIS prefixes and leisure activity courses may not be used for degree credit.

## Additional State/OSU Requirements

- At least: 60 hours at a four-year institution; 30 hours completed at OSU; 15 of the final 30 or 50% of the upper-division hours in the major field completed at OSU.
- Limit of: one-half of major course requirements as transfer work; one-fourth of hours earned by correspondence; 8 transfer correspondence hours.
- Students will be held responsible for degree requirements in effect at the time of matriculation and any changes that are made, so long as these changes do not result in semester credit hours being added or do not delay graduation.
- Degrees that follow this plan must be completed by the end of Summer 2028.

## Example Plan of Study

### Finish in Four Plan of Study

The plan below is an example of how students can successfully complete degree requirements in four years. This suggested class schedule plan may be used as a guide and can be adjusted based on individual needs. Students are required to meet with an academic advisor prior to

enrollment each semester to plan their class schedule, and students are ultimately responsible for completing all degree requirements.

Course	Title	Hours
<b>Freshman</b>		
<b>Fall</b>		
ENGL 1113	Composition I	3
MATH 1483 or MATH 1513	Mathematical Functions and Their Uses (A) or College Algebra (A)	3
General Education courses		8
<b>Hours</b>		<b>14</b>
<b>Spring</b>		
ENGL 1213	Composition II	3
STAT 2013 or STAT 2053 or STAT 2023	Elementary Statistics (A) or Elementary Statistics for the Social Sciences (A) or Elementary Statistics for Business and Economics (A)	3
General Education courses		10
<b>Hours</b>		<b>16</b>
<b>Sophomore</b>		
<b>Fall</b>		
SC 2183	Introduction to Strategic Communications	3
MC 2003	Mass Media Style and Structure	3
General Education courses		9
<b>Hours</b>		<b>15</b>
<b>Spring</b>		
MC 2023	Electronic Communication	3
College and Elective courses		12
<b>Hours</b>		<b>15</b>
<b>Junior</b>		
<b>Fall</b>		
SC 3353	Persuasive Writing for Strategic Communicators	3
SC 3753	Graphic Design for Strategic Communication	3
MKTG 3213	Marketing (S)	3
Major, College, and Elective courses		6
<b>Hours</b>		<b>15</b>
<b>Spring</b>		
SC 3443	Social Media (Sp)	3
SC 4653	Electronic Media Advertising (Sp)	3
MC 4143	Ethics and Issues in Mass Communications	3
Major, College, and Elective courses		6
<b>Hours</b>		<b>15</b>
<b>Senior</b>		
<b>Fall</b>		
SC 4013	Advertising Media and Markets	3
SC 4063	Media Performance (F)	3
SC 4493	Advanced Public Relations Writing	3
MC 4163	Mass Communication Law	3
Major, College, and Elective courses		3
<b>Hours</b>		<b>15</b>
<b>Spring</b>		
SC 4763	Social Media Campaigns (Sp)	3
Major, College, and Elective courses		12
<b>Hours</b>		<b>15</b>
<b>Total Hours</b>		<b>120</b>

## Microbiology and Molecular Genetics

### Microbiology/Cell and Molecular Biology

Microbiology is the hands-on study of bacteria, viruses, fungi and algae and their many relationships to humans, animals, plants and the environment. Cell and molecular biology bridges the fields of chemistry, biochemistry and biology as it seeks to understand life and cellular processes at the molecular level. Microbiologists apply their knowledge to infectious diseases and pathogenic mechanisms; food production and preservation, industrial fermentations which produce chemicals, drugs, antibiotics, alcoholic beverages and various food products; biodegradation of toxic chemicals and other materials present in the environment; insect pathology; the exciting and expanding field of biotechnology which endeavors to utilize living organisms to solve important problems in medicine, agriculture, and environmental science; infectious diseases; and public health and sanitation.

Microbes live in every imaginable habitat. They generate two-thirds of the oxygen in our atmosphere, drive the geochemical cycles that make life on Earth sustainable and are the basis of every food web. As model organisms used for basic research, microbes have contributed more than any other organisms to the current knowledge of genetics at the molecular level and genomics.

In contrast to the enormous benefits derived from some microbes, other microorganisms and viruses are the causative agents of infectious disease and hence have a devastating impact on humanity. These pathogens are the subjects of research into the mechanisms of infections, with the ultimate goal of combating or preventing diseases.

Departmental courses are designed to provide comprehensive training and the skills required for working with microorganisms in a professional setting, as well as a broad understanding of all aspects of microbial life. The lecture courses are taught by tenured faculty members and the laboratory courses are designed to integrate classroom learning with hands-on research experience.

Opportunities for employment exist at all scholarly levels, in many local, state and national agencies and industry. The record for employment of microbiologists has been excellent for many years and with the increased interest in biotechnology, medicine and the human microbiome, employment opportunities look even brighter for the future.

Microbiology is the strongest possible foundation for students who wish to go to medical, dental, veterinary or graduate schools. We take pride in offering research and internship opportunities that prepare students for careers in the biomedical sciences. Our graduates find jobs in medicine, health care, medical laboratories, teaching, research, industry and government.

### Medical Laboratory Science Option

This option is designed to give students the broad general education and the technical skills that are required for a successful career in medical laboratory science (MLS). The minimum requirement for the BS degree in Microbiology/Cell and Molecular Biology with the (MLS) option is three years of university work that includes general chemistry, organic chemistry, biochemistry, immunology, genetics, anatomy & physiology, physics, upper-division courses in microbiology, and one year of clinical laboratory education (internship).

For certification and completion of the BS degree, students will take one year of clinical internship in program accredited by the National

Accrediting Agency for Clinical Laboratory Science (NAACLS) and affiliated with Oklahoma State University. Students have the options of the following hospitals/programs: Comanche County Memorial Hospital, Lawton, OK; St. Francis Hospital, Tulsa, OK; Mercy Hospital, Ada, OK; Mercy Hospital, Ardmore, OK.

Medical Laboratory Science is unique in allowing students to enter the health profession directly after obtaining a BS degree. Clinical laboratory scientists comprise the third-largest segment of the healthcare professions and are an important member of the healthcare team, working alongside doctors and nurses. Students who complete Microbiology/Cell and Molecular Biology with the MLS option enjoy a 100% employment rate upon graduation.

## Courses

### GENE 5102 Molecular Genetics

**Prerequisites:** BIOC 3653 or MICR 3033 and one course in genetics or consent of instructor.

**Description:** An introduction to molecular genetics on the graduate level.

**Credit hours:** 2

**Contact hours:** Lecture: 2 Contact: 2

**Levels:** Graduate

**Schedule types:** Lecture

**Department/School:** Graduate College

### MICR 1211 First Year Microbiology Laboratory Experience

**Prerequisites:** MCMB major and concurrent enrollment in A&S 1111.

**Description:** This laboratory course is designed for First Year majors to experience microbiology in parallel with A&S 1111. Students will apply pure culture technique to obtain and characterize environmental isolates. Students also will learn light microscopy skills, anaerobic culture technique, and molecular biology skills.

**Credit hours:** 1

**Contact hours:** Lab: 2 Contact: 2

**Levels:** Undergraduate

**Schedule types:** Lab

**Department/School:** Microbiology & Mol Gen

### MICR 1513 Inquiry-Based Biology

**Description:** Directed inquiry and hands-on study of biological principles. Restricted to elementary education majors or related fields as model course to learn and teach science.

**Credit hours:** 3

**Contact hours:** Lecture: 1 Lab: 4 Contact: 5

**Levels:** Undergraduate

**Schedule types:** Lab, Lecture, Combined lecture and lab

**Department/School:** Microbiology & Mol Gen

### MICR 2123 Introduction to Microbiology

**Prerequisites:** Grade of "C" or better in BIOL 1114 or (BIOL 1113 and BIOL 1111) and either CHEM 1215 or CHEM 1314 with a grade of "C" or better or concurrent enrollment in one.

**Description:** General principles of the biology of microorganisms, including bacteria, viruses, algae, fungi, protozoa and archaea. Course previously offered as MICR 2125.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Microbiology & Mol Gen

**MICR 2132 Introduction to Microbiology Laboratory****Prerequisites:** MICR 2123 or concurrent enrollment.**Description:** Laboratory safety, aseptic technique, microscopy, staining and culture techniques, collection of microbial samples, isolation and identification of microorganisms, microbial growth and basic principles of metabolism, environmental microbiology, other discipline specific laboratory skills.**Credit hours:** 2**Contact hours:** Lab: 4 Contact: 4**Levels:** Undergraduate**Schedule types:** Lab**Department/School:** Microbiology & Mol Gen**MICR 2890 Honors Experience in Microbiology****Prerequisites:** Honors Program participation and concurrent enrollment in a designated MICR course.**Description:** A supplemental Honors experience in Microbiology to partner concurrently with designated MICR 2123 and/or MICR 2132 course(s). This course adds a different intellectual dimension to the designated course(s). Offered for fixed credit, 1 credit hour, maximum of 6 credit hours.**Credit hours:** 1**Contact hours:** Lecture: 1 Contact: 1**Levels:** Undergraduate**Schedule types:** Lecture**Department/School:** Microbiology & Mol Gen**General Education and other Course Attributes:** Honors Credit**MICR 3033 Cell and Molecular Biology****Prerequisites:** MICR 2123 and MICR 2132 with "C" or better or BOT 1404 or ZOOL 1604 and CHEM 1225 or CHEM 1515 or equivalent with a grade of "C" or better.**Description:** The cell concept and cell morphology, cell macromolecules, organelles, enzymes, energetics, movement of water and materials across membranes, influence of external environment, cellular synthesis, growth and maintenance, control and integration of function, replication, differentiation, origin, and evolution of cells. Course previously offered as CLML 3014, BIOL 3014, and BISC 3014.**Credit hours:** 3**Contact hours:** Lecture: 3 Contact: 3**Levels:** Undergraduate**Schedule types:** Lecture**Department/School:** Microbiology & Mol Gen**MICR 3103 Microbes: Friends or Foes (N)****Description:** Explores the impact of microorganisms on human life, the environment, and world history. This course is designed for non-science majors.**Credit hours:** 3**Contact hours:** Lecture: 3 Contact: 3**Levels:** Undergraduate**Schedule types:** Lecture**Department/School:** Microbiology & Mol Gen**General Education and other Course Attributes:** Natural Sciences**MICR 3143 Medical Mycology****Prerequisites:** MICR 2123 and MICR 2132 with a grade of "C" or better.**Description:** Examination of fungi as animal pathogens; laboratory techniques used in the identification of human and animal pathogens, and differentiation from common contaminants.**Credit hours:** 3**Contact hours:** Lecture: 1 Lab: 4 Contact: 5**Levels:** Undergraduate**Schedule types:** Lab, Lecture, Combined lecture and lab**Department/School:** Microbiology & Mol Gen**MICR 3154 Food Microbiology****Prerequisites:** Minimum grade of "C" in (MICR 2123 and MICR 2132) and (CHEM 3013 or CHEM 3053).**Description:** Relationship of microorganisms to food manufacture and preservation, to food spoilage and microbial food poisoning and to various aspects of primary food production. Same course as FDSC 3154. Course previously offered as ANSI 3154.**Credit hours:** 4**Contact hours:** Lecture: 2 Lab: 4 Contact: 6**Levels:** Undergraduate**Schedule types:** Lab, Lecture, Combined lecture and lab**Department/School:** Microbiology & Mol Gen**MICR 3213 My Genome: The DNA Revolution and what it means for you****Credit hours:** 3**Contact hours:** Lecture: 3 Contact: 3**Levels:** Undergraduate**Schedule types:** Lecture**Department/School:** Microbiology & Mol Gen**MICR 3223 Advanced Microbiology****Prerequisites:** Concurrent enrollment or completion of CHEM 3013 or CHEM 3053 and minimum grade of "C" in MICR 2123 and MICR 2132.**Description:** Subcellular structure and function of microorganisms. Synthesis, translocation, and metabolism of cellular macromolecular constituents. Substrate transport and metabolism. Course previously offered as MICR 3224 and MICR 4224.**Credit hours:** 3**Contact hours:** Lecture: 3 Contact: 3**Levels:** Undergraduate**Schedule types:** Lecture**Department/School:** Microbiology & Mol Gen**MICR 3253 Immunology****Prerequisites:** MICR 2123 and MICR 2132 and MICR 3033 or BIOC 3653 or BIOC 3713.**Description:** Vertebrate host's ability to defend itself against foreign intrusion. Chemistry and biology of the acquired immune response. Course previously offered as MICR 3254 and CLML 3254.**Credit hours:** 3**Contact hours:** Lecture: 3 Contact: 3**Levels:** Undergraduate**Schedule types:** Lecture**Department/School:** Microbiology & Mol Gen

**MICR 3333 Molecular Life Science Writing****Prerequisites:** BIOL 1114 or (BIOL 1113 and BIOL 1111).**Description:** Students will gain hands-on experience in technical writing and critical reading of scientific texts. Students will write three different documents and will critically review similar texts written by other students enrolled in the course. The topics for these manuscripts will be selected by the students, but should be in the general area of the molecular life sciences. Students will receive instructions on how to write, revise, and review these documents.**Credit hours:** 3**Contact hours:** Lecture: 3 Contact: 3**Levels:** Undergraduate**Schedule types:** Lecture**Department/School:** Microbiology & Mol Gen**MICR 3553 Foundations of Cancer****Prerequisites:** Minimum grade of "C" in CHEM 1225 or CHEM 1414 or CHEM 1515.**Description:** Course covers six themes: causes of cancer, cancer genetics, cancer progression/diagnosis, cancer treatments, immuno-oncology, and cancer prevention. Course will illustrate both setbacks and victories in applying the scientific method to biological processes and the evidence for and assumptions made in these approaches will be discussed. Designed for future: medical doctors, cancer researchers, medical engineers; also, for cancer patients/relatives/caregivers, as well as for those interested in knowledge of cancer. Same course as PHYS 3553.

Previously offered as MICR 3233. May not be used for degree credit with MICR 5553, PHYS 5553.

**Credit hours:** 3**Contact hours:** Lecture: 2 Contact: 3 Other: 1**Levels:** Undergraduate**Schedule types:** Discussion, Combined lecture & discussion, Lecture**Department/School:** Microbiology & Mol Gen**MICR 3890 Advanced Honors Experience in Microbiology****Prerequisites:** Honors Program participation and concurrent enrollment in a designated MICR course.**Description:** A supplemental Honors experience in microbiology to partner concurrently with designated upper-division MICR course(s). This course adds a different intellectual dimension to the designated course(s). Offered for fixed credit, 1 credit hour, maximum of 6 credit hours.**Credit hours:** 1**Contact hours:** Lecture: 1 Contact: 1**Levels:** Undergraduate**Schedule types:** Lecture**Department/School:** Microbiology & Mol Gen**General Education and other Course Attributes:** Honors Credit**MICR 4000 Honors in Microbiology****Prerequisites:** Consent of departmental honors committee.**Description:** Supervised study and research in microbiology. Offered for variable credit, 1-4 credit hours, maximum of 4 credit hours.**Credit hours:** 1-4**Contact hours:** Contact: 1-4 Other: 1-4**Levels:** Undergraduate**Schedule types:** Independent Study**Department/School:** Microbiology & Mol Gen**General Education and other Course Attributes:** Honors Credit**MICR 4001 Professional Transitions in Microbiology and Cell and Molecular Biology****Prerequisites:** MICR 2123 or MICR 2132.**Description:** Understanding major areas and employment activities in microbiology, cell biology and molecular biology fields. Evaluating and understanding scientific and professional literature, and making the transition from undergraduate education to postgraduate education or employment.**Credit hours:** 1**Contact hours:** Lecture: 1 Contact: 1**Levels:** Undergraduate**Schedule types:** Lecture**Department/School:** Microbiology & Mol Gen**MICR 4003 Brewing Microbiology (N)****Description:** Brewing Microbiology is about the science behind beer brewing. Students will learn about the microbiology of yeast (including growth, metabolism, aseptic technique and contamination), biology of grain, biochemistry of malted barley, chemistry of water, preservative nature of hops, and the human physiology of taste and smell. There are no prerequisites for this course, although high school or freshman level biology and chemistry is helpful.**Credit hours:** 3**Contact hours:** Lecture: 3 Contact: 3**Levels:** Undergraduate**Schedule types:** Lecture**Department/School:** Microbiology & Mol Gen**General Education and other Course Attributes:** Natural Sciences**MICR 4012 Molecular Microbiology Laboratory I****Prerequisites:** MICR 3033 or MICR 3223.**Description:** Emphasis on good laboratory practices in microbiology and molecular biology; isolation and enumeration of microorganisms; physiological, biochemical, and molecular characterization of aerobic and anaerobic microorganisms. May not be used for degree credit with MICR 5012. Course previously offered as CLML 4012.**Credit hours:** 2**Contact hours:** Lab: 4 Contact: 4**Levels:** Undergraduate**Schedule types:** Lab**Department/School:** Microbiology & Mol Gen**MICR 4013 Microbial Physiology & Ecology****Prerequisites:** Concurrent enrollment or completion of MICR 3223 and minimum grade of "C" in CHEM 3013 or CHEM 3053.**Description:** Fundamentals of microbial physiology, ecology and genetics of microbial populations under various redox conditions. Basics of genomics and proteomics. Microbial origin and evolution. Microbial diversity and function. Population interactions, competition and ecosystem stability. Metabolic activities in natural and managed systems. Modern molecular tools in microbe identification and evolutionary phylogeny. May not be used for degree credit with MICR 5013.**Credit hours:** 3**Contact hours:** Lecture: 3 Contact: 3**Levels:** Undergraduate**Schedule types:** Lecture**Department/School:** Microbiology & Mol Gen



**MICR 4023 Microbiomes in Human Health and the Environment****Prerequisites:** MICR 2123, MICR 2132, and MICR 3033.**Description:** This course covers the changing landscape in the molecular diversity of microbial communities, their interactions with biotic and abiotic entities, and how changes in microbiomes impact the health of living organisms and the environment. The main topics of this course include: microbes and microbial interactions; genomes and metagenomes; microbiome structure and function (alpha and beta diversity, phylogenetic trees); human microbiomes (gut, skin, oral) and their role in health; the microbiomes of soil, water and sediments; and the role of microbiomes in ecosystem function. Environmental microbiome effects on the human microbiome. May not be used for degree credit with MICRO 5023.**Credit hours:** 3**Contact hours:** Lecture: 3 Contact: 3**Levels:** Undergraduate**Schedule types:** Lecture**Department/School:** Microbiology & Mol Gen**MICR 4052 Pathogenic Microbiology Lab****Prerequisites:** MICR 2123 and MICR 2132 with a grade of "C" or better.**Description:** Overview of laboratory approaches and techniques for the study, characterization, and identification of bacteria involved in pathogenesis.**Credit hours:** 2**Contact hours:** Lab: 4 Contact: 4**Levels:** Undergraduate**Schedule types:** Lab**Department/School:** Microbiology & Mol Gen**MICR 4053 Pathogenic Microbiology****Prerequisites:** MICR 2123 and MICR 2132 with a grade of "C" or better.**Description:** Survey of pathogenic bacteria and the diseases they cause as they relate to humans and animals. Morphology, physiology, and pathogenic mechanisms of a specific bacterial pathogens. May not be used for degree credit with MICR 5053. Course previously offered as MICR 4134 and MICR 3134.**Credit hours:** 3**Contact hours:** Lecture: 3 Contact: 3**Levels:** Undergraduate**Schedule types:** Lecture**Department/School:** Microbiology & Mol Gen**MICR 4112 Molecular Microbiology Capstone****Prerequisites:** MICR 4012 with a grade of "C" or better.**Description:** Continuation of MICR 4012. Molecular characterization of prokaryotic and eukaryotic microorganisms utilizing nucleic acids, proteins, cell fractionation, cytology, and antigen-antibody reactions. Same course as MICR 5112.**Credit hours:** 2**Contact hours:** Lab: 4 Contact: 4**Levels:** Undergraduate**Schedule types:** Lab**Department/School:** Microbiology & Mol Gen**MICR 4117 Clinical Microbiology****Prerequisites:** Concurrent internship in affiliated hospital and all degree requirements for BS in microbiology except 30 hours clinical laboratory science.**Description:** The theory and laboratory study of pathogenic bacteria, viruses, rickettsiae, fungi, and parasites. Includes isolation, identification, antimicrobial susceptibility testing, and medical significance. Course previously offered as CLLS 4117 and MTCL 4117.**Credit hours:** 7**Contact hours:** Contact: 14 Other: 14**Levels:** Undergraduate**Schedule types:** Independent Study**Department/School:** Microbiology & Mol Gen**MICR 4123 Virology****Prerequisites:** MICR 2123, MICR 2132, BIOL 3023, CHEM 3015 or CHEM 3053; Co-requisite(s): MICR 3223.**Description:** The properties of macromolecules, from the structure of proteins and nucleic acids to molecular mechanisms of DNA replication and recombination, transcription, protein synthesis, and gene regulation. Gene transfer mechanisms in bacteria and their viruses. Fundamentals of recombinant DNA technology. No credit for students with credit in MICR 5123.**Credit hours:** 3**Contact hours:** Lecture: 3 Contact: 3**Levels:** Undergraduate**Schedule types:** Lecture**Department/School:** Microbiology & Mol Gen**MICR 4125 Clinical Chemistry I****Prerequisites:** Concurrent internship in affiliated hospital and all degree requirements for BS in microbiology except for 30 hours clinical laboratory science.**Description:** The theory and laboratory methodology of analytical biochemistry, clinical microscopy, routine and special procedures, and medical significance. Course previously offered as CLLS 4125 and MTCL 4125.**Credit hours:** 5**Contact hours:** Contact: 10 Other: 10**Levels:** Undergraduate**Schedule types:** Independent Study**Department/School:** Microbiology & Mol Gen**MICR 4153 Emerging Infectious Agents (N)****Description:** Overview of emerging infectious diseases with in-depth analysis of epidemics, pandemics, the epidemiology associated with outbreaks and disease specific control measures.**Credit hours:** 3**Contact hours:** Lecture: 3 Contact: 3**Levels:** Undergraduate**Schedule types:** Lecture**Department/School:** Microbiology & Mol Gen**General Education and other Course Attributes:** Natural Sciences



**MICR 4163 Foundations of Cellular Life**

**Prerequisites:** MICR 3033 or permission from instructor.

**Description:** This class will provide an in-depth introduction into fundamental principles that apply to any microorganism and will provide an intellectual framework to understand all cells. The fundamentals discussed will be illustrated through a combination of classical and recent scientific breakthroughs. It will provide a solid, deep foundation for a successful academic career in microbiology. May not be used for degree credit with MICR 5163.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Microbiology & Mol Gen

**MICR 4203 Bioinformatics**

**Prerequisites:** MICR 3033 or BIOC 3653 or equivalent.

**Description:** Fundamental concepts of biological sequence information and inferential techniques to assign structure, function, and evolutionary relationship among genes and proteins. No prior programming necessary, but familiarity with computers assumed. No credit for students with credit in MICR 5203.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Microbiology & Mol Gen

**MICR 4233 Advanced Cell and Molecular Biology**

**Prerequisites:** MICR 3033 with a grade of "C" or better.

**Description:** Advanced topics in cell and molecular biology including regulatory mechanisms of gene expression, protein function, cell structure and organization, cell division, and development. May not be used for degree credit with MICR 5233. Course previously offered as CLML 4113.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Microbiology & Mol Gen

**MICR 4236 Clinical Hematology**

**Prerequisites:** Concurrent internship in affiliated hospital and all degree requirements for BS in microbiology except for 30 hours of clinical laboratory science.

**Description:** Systematized study of diseases, cell maturation and function, principles of hemostasis; methodology used in routine and special hematology studies; and correlation of hematological findings with physiological conditions. Course previously offered as CLLS 4236 and MTCL 4236.

**Credit hours:** 6

**Contact hours:** Contact: 12 Other: 12

**Levels:** Undergraduate

**Schedule types:** Independent Study

**Department/School:** Microbiology & Mol Gen

**MICR 4246 Clinical Immunology**

**Prerequisites:** Concurrent internship in affiliated hospital and all degree requirements for BS in microbiology except for 30 hours clinical laboratory science.

**Description:** Immunologic responses and procedures used in serological determinations; immunohematology, fundamentals of antigen-antibody reactions, blood groups and types, compatibility testing, blood components, and the lab methods used as they relate to the medical significance of immunology and infectious diseases. Course previously offered as CLLS 4246 and MTCL 4246.

**Credit hours:** 6

**Contact hours:** Contact: 12 Other: 12

**Levels:** Undergraduate

**Schedule types:** Independent Study

**Department/School:** Microbiology & Mol Gen

**MICR 4253 Concepts in Medical Genetics**

**Prerequisites:** BIOL 3023.

**Description:** Application of genetic principles in the study of human diseases, including the inheritance, molecular mechanisms, detection, characterization, and discovery of human genes. No credit for students with credit in MICR 5253. Course previously offered as CLML 4253.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Microbiology & Mol Gen

**MICR 4263 Microbial Genetics: from Genes to Genomes**

**Prerequisites:** MICR 3033 with a grade of "C" or better.

**Description:** Integration of genetics and genomics principles, the basic processes of gene transmission, molecular biology of gene expression and evolutionary genetics by gaining social and historical context in which genetics are developed. Participants are expected to comprehend the dramatic change in our understanding of genetics and the role such information has in our view of disability and disease. May not be used for degree credit with MICR 5263. Course previously offered as CLML 4263 and CLML 4264.

**Credit hours:** 3

**Contact hours:** Lecture: 1 Lab: 4 Contact: 5

**Levels:** Undergraduate

**Schedule types:** Lab, Lecture, Combined lecture and lab

**Department/School:** Microbiology & Mol Gen

**MICR 4323 Cellular Energy Metabolism**

**Prerequisites:** MICR 3033 or BIOC 3653.

**Description:** An exploration of the principals and mechanisms of energy utilization and transformation in animals, plants, and microbial systems. The course covers a range of topics from basic molecular mechanisms to recent advances in understanding energy flow in whole organisms. It includes new insights into the nanomachines involved in cell movement as well current genome-enabled approaches to understanding cellular energy metabolism. May not be used for degree credit with MICR 5323.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Microbiology & Mol Gen

**MICR 4325 Clinical Chemistry II**

**Prerequisites:** Concurrent internship in affiliated hospital and all degree requirements for BS in microbiology except for 30 hours clinical laboratory science.

**Description:** The theory and laboratory methodology of analytical biochemistry, instrumentation, lab mathematics, routine and special procedures and medical significance. Course previously offered as CLLS 4325 and MTCL 4325.

**Credit hours:** 5

**Contact hours:** Contact: 10 Other: 10

**Levels:** Undergraduate

**Schedule types:** Independent Study

**Department/School:** Microbiology & Mol Gen

**MICR 4351 Topics in Clinical Laboratory Science**

**Prerequisites:** Concurrent internship in affiliated hospital and all degree requirements for BS in microbiology except for 30 hours clinical laboratory science.

**Description:** Principles and practices of the medical laboratory including basic management, quality assurance, education methodology, computer applications, laboratory safety, and special projects in selected areas. Course previously offered as CLLS 4351 and MTCL 4351.

**Credit hours:** 1

**Contact hours:** Contact: 1 Other: 1

**Levels:** Undergraduate

**Schedule types:** Independent Study

**Department/School:** Microbiology & Mol Gen

**MICR 4423 Antibiotics and Antibiotic Resistance**

**Prerequisites:** MICR 2123.

**Description:** This course begins with a basic history of antibiotics, including their discovery and industrial development. It covers the major classes of antibiotics, their structures and mechanisms of action, and the mechanisms by which bacteria become resistant to antibiotics. Also covered are industrial and commercial considerations, antibiotic stewardship, current challenges, and future prospects for antibiotic discovery and use. Same course as MICR 5423.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Microbiology & Mol Gen

**MICR 4524 Biological Laboratory Instrumentation**

**Prerequisites:** CHEM 1515 or equivalent and PBIO 1404 or MICR 2123 or BIOL 1604 or equivalents or consent of instructor.

**Description:** Lecture and laboratory course in biological instrumentation use, theory, experimental design, maintenance, and troubleshooting. Topics include liquid handling systems, pH/ISE meters, electrophoresis, microcontrollers, spectrophotometers, centrifuges, chromatography, thermocyclers, and DNA sequencers. May not be used for degree credit with BIOL 5524, MICR 5524, PBIO 5524. Same course as BIOL 4524 and PBIO 4524.

**Credit hours:** 4

**Contact hours:** Lecture: 2 Lab: 4 Contact: 6

**Levels:** Undergraduate

**Schedule types:** Lab, Lecture, Combined lecture and lab

**Department/School:** Microbiology & Mol Gen

**MICR 4531 Chemical Biology**

**Prerequisites:** CHEM 3053, MICR 3112, MICR 3153.

**Description:** Chemistry explains many properties of biological macromolecules and also provides research tools to study these molecules. This course will examine how both of these aspects help explain the molecular processes at the basis of life, and will cover (1) basic knowledge of chemistry needed to understand life, (2) chemical reactions as they occur in the cell, (3) chemical methods that are valuable to research in the life sciences.

**Credit hours:** 1

**Contact hours:** Lecture: 1 Contact: 1

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Microbiology & Mol Gen

**MICR 4543 Microbial Genomics and Bioinformatics**

**Prerequisites:** MICR 2123; MICR 3033 or MICR 3223 or equivalents.

**Description:** Basic approaches and strategies for microbial genome analysis, and hands-on training on the subject. May not be used for degree credit with MICR 5543.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Microbiology & Mol Gen

**MICR 4990 Special Problems**

**Prerequisites:** Consent of instructor.

**Description:** Investigations in the field of microbiology. Offered for variable credit, 1-3 credit hours, maximum of 18 credit hours.

**Credit hours:** 1-3

**Contact hours:** Contact: 1-3 Other: 1-3

**Levels:** Undergraduate

**Schedule types:** Independent Study

**Department/School:** Microbiology & Mol Gen

**MICR 4993 Senior Honors Project**

**Prerequisites:** Departmental invitation, senior standing, Honors Program participation.

**Description:** A research project under the direction of a faculty member resulting in a written report to be judged by a second faculty member as well. Required for graduation with departmental honors in microbiology.

**Credit hours:** 3

**Contact hours:** Contact: 3 Other: 3

**Levels:** Undergraduate

**Schedule types:** Independent Study

**Department/School:** Microbiology & Mol Gen

**General Education and other Course Attributes:** Honors Credit

**MICR 5000 Thesis**

**Prerequisites:** Consent of major professor.

**Description:** A student studying for the M.S. degree enrolls in this course for six hours credit. Offered for variable credit, 2-6 credit hours, maximum of 6 credit hours.

**Credit hours:** 2-6

**Contact hours:** Contact: 2-6 Other: 2-6

**Levels:** Graduate

**Schedule types:** Independent Study

**Department/School:** Microbiology & Mol Gen

**MICR 5002 Professionalism for the Microbiologist**

**Prerequisites:** Microbiology graduate student or permission of instructor.

**Description:** Introduces the microbiology graduate student to the standards of the microbiology professional and to basic skills in communication and data retrieval needed by all microbiologists. It is required of all and limited to MS and PhD students in Microbiology & Molecular Genetics. Course previously offered as MICR 5001.

**Credit hours:** 2

**Contact hours:** Lecture: 2 Contact: 2

**Levels:** Graduate

**Schedule types:** Lecture

**Department/School:** Microbiology & Mol Gen

**MICR 5012 Molecular Microbiology Laboratory I**

**Prerequisites:** MICR 3223, MICR 4233.

**Description:** Emphasis on good laboratory practices in microbiology and molecular biology; isolation and enumeration of microorganisms; physiological, biochemical, and molecular characterization of aerobic and anaerobic microorganisms. Must be taken in conjunction with MICR 5112 the following semester. No credit for students with credit in MICR 4012.

**Credit hours:** 2

**Contact hours:** Lab: 4 Contact: 4

**Levels:** Graduate

**Schedule types:** Lab

**Department/School:** Microbiology & Mol Gen

**MICR 5013 Microbial Physiology and Ecology**

**Prerequisites:** Concurrent enrollment or completion of MICR 3223 and minimum grade of "C" in CHEM 3013 or CHEM 3053.

**Description:** Fundamentals of microbial physiology, ecology and genetics of microbial populations under various redox conditions. Basics of genomics and proteomics. Microbial origin and evolution. Microbial diversity and function. Population interactions, competition and ecosystem stability. Metabolic activities in natural and managed systems. Modern molecular tools in microbe identification and evolutionary phylogeny. May not be used for degree credit with MICR 4013.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Graduate

**Schedule types:** Lecture

**Department/School:** Microbiology & Mol Gen

**MICR 5023 Microbiomes in Human Health and the Environment**

**Description:** This course covers the changing landscape in the molecular diversity of microbial communities, their interactions with biotic and abiotic entities, and how changes in microbiomes impact the health of living organisms and the environment. The main topics of this course include: microbes and microbial interactions; genomes and metagenomes; microbiome structure and function (alpha and beta diversity, phylogenetic trees); human microbiomes (gut, skin, oral) and their role in health; the microbiomes of soil, water, and sediments; and the role of microbiomes in ecosystem function. Environmental microbiome effects on the human microbiome. May not be used for degree credit with MICR 4023.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Graduate

**Schedule types:** Lecture

**Department/School:** Microbiology & Mol Gen

**MICR 5052 Techniques In Molecular Biolog**

**Prerequisites:** Graduate student and permission of instructor.

**Description:** Provides the basic skills for scientific thinking and analysis in molecular microbiological research.

**Credit hours:** 2

**Contact hours:** Lecture: 1 Lab: 2 Contact: 3

**Levels:** Graduate

**Schedule types:** Lab, Lecture, Combined lecture and lab

**Department/School:** Microbiology & Mol Gen

**MICR 5053 Pathogenic Microbiology**

**Prerequisites:** MICR 2123 and MICR 2132. Co-requisite(s): MICR 3223.

**Description:** Survey of pathogenic bacteria and the diseases they cause as they relate to humans and animals. Morphology, physiology, and pathogenic mechanisms of specific bacterial pathogens. May not be used for degree credit with MICR 4053. Course previously offered as MICR 5134.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Graduate

**Schedule types:** Lecture

**Department/School:** Microbiology & Mol Gen

**MICR 5112 Molecular Microbiology Capstone**

**Prerequisites:** MICR 5012.

**Description:** Continuation of MICR 5012. Molecular characterization of prokaryotic and eukaryotic microorganisms utilizing nucleic acids, proteins, cell fractionation, cytology, and antigen-antibody reactions. No credit for students with credit in MICR 4112.

**Credit hours:** 2

**Contact hours:** Lab: 4 Contact: 4

**Levels:** Graduate

**Schedule types:** Lab

**Department/School:** Microbiology & Mol Gen

**MICR 5113 Advanced Immunology**

**Description:** Advanced studies with emphasis on the regulation of vertebrate immune responses.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Graduate

**Schedule types:** Lecture

**Department/School:** Microbiology & Mol Gen

**MICR 5123 Virology**

**Prerequisites:** MICR 3033 or BIOC 3653, BIOL 3023. Co-requisite(s): MICR 3223.

**Description:** Virus-host interactions including structure-function of animal, plant, and bacterial viruses. Discussion of the molecular biology of virus infection and development. No credit for students with credit in MICR 4123.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Graduate

**Schedule types:** Lecture

**Department/School:** Microbiology & Mol Gen

**MICR 5142 Techniques in Molecular Biology****Prerequisites:** Consent of instructor.**Description:** Comprehensive laboratory course in research techniques involving classical genetics and molecular biology. Course previously offered as MICR 4142.**Credit hours:** 2**Contact hours:** Lab: 4 Contact: 4**Levels:** Graduate**Schedule types:** Lab**Department/School:** Microbiology & Mol Gen**MICR 5153 Emerging Infectious Agents****Prerequisites:** MICR 4123 or MICR 4134 or consent of instructor.**Description:** An in-depth discussion of the importance of emerging infectious agents, the molecular basis for their emergence, and the broad spectrum of host-microbe interactions favoring the evolution of new infectious agents.**Credit hours:** 3**Contact hours:** Lecture: 3 Contact: 3**Levels:** Graduate**Schedule types:** Lecture**Department/School:** Microbiology & Mol Gen**MICR 5160 Seminar****Prerequisites:** Consent of instructor.**Description:** Required of and limited to all MS and PhD students majoring in microbiology, cell and molecular biology. Offered for fixed credit, 1 credit hour, maximum of 2 credit hours.**Credit hours:** 1**Contact hours:** Contact: 1 Other: 1**Levels:** Graduate**Schedule types:** Independent Study**Department/School:** Microbiology & Mol Gen**MICR 5163 Foundations of Cellular Life****Prerequisites:** OSU graduate student or permission of instructor.**Description:** This class will provide an in-depth introduction into fundamental principles that apply to any microorganism and will provide an intellectual framework to understand all cells. The fundamentals discussed will be illustrated through a combination of classical and recent scientific breakthroughs. It will provide a solid, deep foundation for a successful academic career in microbiology. Previously offered as MICR 6163. May not be used for degree credit with MICR 4163.**Credit hours:** 3**Contact hours:** Lecture: 3 Contact: 3**Levels:** Graduate**Schedule types:** Lecture**Department/School:** Microbiology & Mol Gen**MICR 5203 Bioinformatics****Prerequisites:** MICR 3033 or BIOC 3653 or equivalent.**Description:** Fundamental concepts of biological sequence information and inferential techniques to assign structure, function, and evolutionary relationship among genes and proteins. No prior programming necessary, but familiarity with computer desktop assumed. No credit for students with credit in MICR 4203. Course previously offered as CLML 5203.**Credit hours:** 3**Contact hours:** Lecture: 3 Contact: 3**Levels:** Graduate**Schedule types:** Lecture**Department/School:** Microbiology & Mol Gen**MICR 5233 Advanced Cell and Molecular Biology****Prerequisites:** MICR 3033.**Description:** Advanced topics in cell and molecular biology including regulatory mechanisms of gene expression, protein function, cell structure and organization, cell division, and development. No credit for students with credit in MICR 4233.**Credit hours:** 3**Contact hours:** Lecture: 3 Contact: 3**Levels:** Graduate**Schedule types:** Lecture**Department/School:** Microbiology & Mol Gen**MICR 5253 Concepts in Medical Genetics****Prerequisites:** BIOL 3023.**Description:** Application of genetic principles in the study of human diseases, including the inheritance, molecular mechanisms, detection, characterization, and discovery of human genes. No credit for students with credit in MICR 4253.**Credit hours:** 3**Contact hours:** Lecture: 3 Contact: 3**Levels:** Graduate**Schedule types:** Lecture**Department/School:** Microbiology & Mol Gen**MICR 5263 Microbial Genetics: from Genes to Genomes****Description:** Integration of genetics and genomics principles, the basic processes of gene transmission, molecular biology of gene expression and evolutionary genetics by gaining social and historical context in which genetics are developed. Participants are expected to comprehend the dramatic change in our understanding of genetics and the role such information has in our view of disability and disease. May not be used for degree credit with MICR 4263.**Credit hours:** 3**Contact hours:** Lecture: 1 Lab: 4 Contact: 5**Levels:** Graduate**Schedule types:** Lab, Lecture, Combined lecture and lab**Department/School:** Microbiology & Mol Gen**MICR 5273 Advanced Principles of Microbial Pathogenesis****Description:** Advanced study of the pathogenic mechanisms used by microbial pathogens to cause disease. Principles of pathogen and pathogen-host interactions that lead to disease pathology.**Credit hours:** 3**Contact hours:** Lecture: 3 Contact: 3**Levels:** Graduate**Schedule types:** Lecture**Department/School:** Microbiology & Mol Gen**MICR 5323 Cellular Energy Metabolism****Prerequisites:** MICR 3033 or BIOC 3653.**Description:** An exploration of the principals and mechanisms of energy utilization and transformation in animals, plants, and microbial systems. The course covers a range of topics from basic molecular mechanisms to recent advances in understanding energy flow in whole organisms. It includes new insights into the nanomachines involved in cell movement as well current genome-enabled approaches to understanding cellular energy metabolism. May not be used for degree credit with MICR 4323.**Credit hours:** 3**Contact hours:** Lecture: 3 Contact: 3**Levels:** Graduate**Schedule types:** Lecture**Department/School:** Microbiology & Mol Gen

**MICR 5333 Controversies in Vaccinology****Prerequisites:** OSU graduate student status or permission of instructor.**Description:** Public misconceptions about science abound, however, these misconceptions have a major impact on perception of research and public policy. Examples of themes in science as portrayed, for example, in film will be explored and critically discussed. Ways to improve communication between the scientist and the general public will be evaluated.**Credit hours:** 3**Contact hours:** Lecture: 3 Contact: 3**Levels:** Graduate**Schedule types:** Lecture**Department/School:** Microbiology & Mol Gen**MICR 5423 Antibiotics and Antibiotic Resistance****Description:** This course begins with a basic history of antibiotics, including their discovery and industrial development. It covers the major classes of antibiotics, their structures and mechanisms of action, and the mechanisms by which bacteria become resistant to antibiotics. Also covered are industrial and commercial considerations, antibiotic stewardship, current challenges, and future prospects for antibiotic discovery and use. Same course as MICR 4423.**Credit hours:** 3**Contact hours:** Lecture: 3 Contact: 3**Levels:** Graduate**Schedule types:** Lecture**Department/School:** Microbiology & Mol Gen**MICR 5513 Grant Proposal Preparation****Prerequisites:** Admission into Microbiology graduate program. Formats, strategies, and styles of research grant proposal writing.**Description:** Activities include hypothesis development and critical evaluation of research proposals.**Credit hours:** 3**Contact hours:** Lecture: 2 Contact: 3 Other: 1**Levels:** Graduate**Schedule types:** Discussion, Combined lecture & discussion, Lecture**Department/School:** Microbiology & Mol Gen**MICR 5524 Biological Laboratory Instrumentation****Prerequisites:** CHEM 1515 or equivalent and PBIO 1404 or MICR 2123 or BIOL 1604 or equivalents or consent of instructor.**Description:** Lecture and laboratory course in biological instrumentation use, theory, experimental design, maintenance, and troubleshooting. Topics include liquid handling systems, pH/ISE meters, electrophoresis, spectrophotometers, centrifuges, chromatography, thermocyclers, and DNA sequencers. May not be used for degree credit with BIOL 4524; MICR 4524; PBIO 4524. Previously offered as BIOL 5524; PBIO 5524.**Credit hours:** 4**Contact hours:** Lecture: 2 Lab: 4 Contact: 6**Levels:** Graduate**Schedule types:** Lab, Lecture, Combined lecture and lab**Department/School:** Microbiology & Mol Gen**MICR 5543 Microbial Genomics and Bioinformatics****Prerequisites:** MICR 2123; MICR 3033 or MICR 3223 or equivalents.**Description:** Basic approaches and strategies for microbial genome analysis, and hands-on training on the subject. Graduate students enrolled in the class are expected to give a comprehensive presentation on the genomic analysis done throughout the semester. The presentation should be a manuscript format with a brief Introduction, Materials and Methods, Results, and Discussion. A comprehensive use of all principals covered in class is expected and will be used for evaluation. Credit will also be given to handling questions and presentation skills. May not be used for degree credit with MICR 4543.**Credit hours:** 3**Contact hours:** Lecture: 3 Contact: 3**Levels:** Graduate**Schedule types:** Lecture**Department/School:** Microbiology & Mol Gen**MICR 5553 Foundations of Cancer****Credit hours:** 3**Contact hours:** Lecture: 2 Contact: 3 Other: 1**Levels:** Graduate**Schedule types:** Discussion, Combined lecture & discussion, Lecture**Department/School:** Microbiology & Mol Gen**MICR 5990 Special Problems****Prerequisites:** Permission of instructor.**Description:** Investigations in the field of Microbiology. Offered for variable credit, 1-4 credit hours, maximum of 10 credit hours.**Credit hours:** 1-4**Contact hours:** Contact: 1-4 Other: 1-4**Levels:** Graduate**Schedule types:** Independent Study**Department/School:** Microbiology & Mol Gen**MICR 6000 Dissertation****Prerequisites:** Consent of major adviser.**Description:** Research in microbiology for the PhD degree. Offered for variable credit, 1-15 credit hours, maximum of 45 credit hours.**Credit hours:** 1-15**Contact hours:** Contact: 1-15 Other: 1-15**Levels:** Graduate**Schedule types:** Independent Study**Department/School:** Microbiology & Mol Gen**MICR 6112 Molecular Biology of Bacterial Viruses****Prerequisites:** MICR 4123 and MICR 4133.**Description:** Advanced study of bacteriophages. Course previously offered as MICR 6113.**Credit hours:** 2**Contact hours:** Lecture: 3 Contact: 3**Levels:** Graduate**Schedule types:** Lecture**Department/School:** Microbiology & Mol Gen**MICR 6120 Recent Advances in Microbiology****Prerequisites:** One graduate course in biochemistry.**Description:** Discussion and evaluation of recent scientific contributions in terms of the living organism. Offered for fixed credit, 1 credit hour, maximum of 6 credit hours.**Credit hours:** 1**Contact hours:** Contact: 1 Other: 1**Levels:** Graduate**Schedule types:** Independent Study**Department/School:** Microbiology & Mol Gen



**MICR 6133 Cellular Microbiology**

**Prerequisites:** A strong undergraduate level background in microbiology, biochemistry or cell biology is expected.

**Description:** The molecular interactions between intracellular parasites and their host cells will be explored, emphasizing the manipulation of normal cellular processes to the benefit of the parasite. The course will involve critical reading of the current literature and development of an understanding of molecular microbe and cell biology research techniques.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Graduate

**Schedule types:** Lecture

**Department/School:** Microbiology & Mol Gen

**MICR 6143 Advanced Microbial Physiology**

**Prerequisites:** MICR 3223 or consent of instructor.

**Description:** Discussion of selected topics in microbial physiology. Critical analysis of research papers.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Graduate

**Schedule types:** Lecture

**Department/School:** Microbiology & Mol Gen

**MICR 6153 Molecular Microbial Genetics**

**Description:** Examine modern and classical genetic techniques to understand the underlying principles of molecular genetics using original literature.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Graduate

**Schedule types:** Lecture

**Department/School:** Microbiology & Mol Gen

**MICR 6223 Molecular Environmental Microbiology and Ecology**

**Prerequisites:** MICR 3223 or consent of instructor.

**Description:** This course focuses on fundamental and applied aspects of microbial ecology, physiology and genomics. The course aims to highlight the value of microbes in applied disciplines such as medicine, agriculture, and biotechnology. Recent advances in methodologies and approaches for examining the phylogenetic and metabolic diversity of microorganisms in various ecosystems, as well as tools for understanding microbial community composition and identification of rare members of microbial community will be highlighted.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Graduate

**Schedule types:** Lecture

**Department/School:** Microbiology & Mol Gen

**MICR 6253 Microbial Evolution**

**Prerequisites:** MICR 2123, MICR 2132, BIOC 3653, BIOL 3023.

**Description:** The mechanisms and results of microbial evolution in nature and in the laboratory, with emphasis on microbes as model evolutionary systems, molecular evolution, classification and phylogeny, and discussion of protobiology and the probable fate of engineered microbes.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Graduate

**Schedule types:** Lecture

**Department/School:** Microbiology & Mol Gen

**MICR 6323 Cell Signaling**

**Prerequisites:** A strong undergraduate level background in microbiology, biochemistry, or cell biology is expected.

**Description:** Discussion of current literature on the mechanisms of prokaryotic and eukaryotic signal transduction and gene regulation.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Graduate

**Schedule types:** Lecture

**Department/School:** Microbiology & Mol Gen

## Undergraduate Programs

- Microbiology/Cell & Molecular Biology, BS (p. 1502)
- Microbiology/Cell & Molecular Biology: Medical Laboratory Science, BS (p. 1505)
- Microbiology/Cell & Molecular Biology: Pre-Medical Professional, BS (p. 1508)

## Graduate Programs

The department offers graduate studies leading to the MS and PhD degrees in various areas of concentration, including microbial physiology, microbial genetics, microbial ecology, microbial pathogenesis, immunology, cell biology and the human microbiome.

## Prerequisites

Applicants for admission must have received the baccalaureate degree from an accredited university or college and must have completed a minimum of 30 semester credit hours in the biological and physical sciences. The Aptitude Test portion of the Graduate Record Examination is required of all applicants. A majority of the departmental graduate faculty must approve applicants.

## The Master of Science Degree

In addition to the general requirements for the degree, the following departmental requirements must be met in attaining 30 credit hours with thesis. The plan of study must include six thesis hours and one credit hour microbiology seminar for the traditional degree. An accelerated MS degree is available that is largely coursework and literature based, which allows completion of the degree in as little as 12 months. Literature research includes at least six credit hours in independent study.

Candidates for the MS degree are expected to attend and participate in all departmental seminars. A final oral examination covering the thesis (or literature research for the accelerated program) is administered by the advisory committee following a public presentation of the candidate's research.

## The Doctor of Philosophy Degree

The study plan of a student entering the program with a bachelor's degree must include 30 credit hours in the biological and physical sciences.

Those entering with a master's degree must include 15 hours in courses other than dissertation credits which were not included in the master's study plan. Three hours of microbiology seminar must be included.

Candidates for the PhD are expected to attend and participate in all departmental seminars. Candidates for the PhD degree must pass both a written and an oral qualifying examination. The final examination covering the dissertation research is given promptly after the candidate has given a public seminar on his/her research work.



## Minors

- Microbiology (MICR), Minor (p. 1501)

## Faculty

Tyrrell Conway, PhD—Regents Professor and Department Head

**Professors:** Robert L. Burnap, PhD (Regents Professor and Vennerberg Chair in Bioinformatics); Mostafa S. Elshahed, PhD; Babu Z. Fathepure, PhD; Jeffrey A. Hadwiger, PhD; Wouter D. Hoff, PhD; Rolf A. Prade, PhD; Marianna A. Patrauchan, PhD

**Associate Professors:** Erika Lutter, PhD; Noha Youssef, PhD

**Assistant Professors:** Matt Cabeen, PhD; Randy Morgenstein, PhD; Karen Wozniak, PhD; Avi Mitra, PhD; Sabrina Beckmann, PhD

## Microbiology (MICR), Minor

**Requirements for Students Matriculating in or before Academic Year 2022-2023.** Learn more about University Academic Regulation 3.1 (p. 943).

**Tyler George**, 309 LSE, 405-744-5565

**Minimum Grade Point Average in Minor Coursework:** 2.00 with no grade below "C."

**Total Hours:** 15

Code	Title	Hours
<b>Minor Requirements</b>		
MICR 2123	Introduction to Microbiology	3
MICR 2132	Introduction to Microbiology Laboratory	2
Select 10 additional hours upper-division microbiology courses		10
<b>Total Hours</b>		<b>15</b>

## Additional OSU Requirements

### Undergraduate Minors

- An undergraduate minor must include between fifteen and thirty hours, inclusive of undergraduate coursework.
- A minimum of six credit hours for the minor must be earned in residence at OSU.
- The courses required for a minor may be included in the course requirements for any undergraduate degree or they may be in addition to degree requirements, depending on the overlap between the minor and degree requirements. However, an undergraduate minor must be earned in an academic field other than the student's declared degree option. The minor may not duplicate the degree major or option (for example, a student who earns a BA in Art with an Art History option may earn a minor in Studio Art but not Art History).
- A student generally follows the minor requirements associated with his or her matriculation year or newer requirements that have been established since matriculation. The time limit for following requirements from a given academic year is six years.

For additional information on requirements on minors, click here (<https://adminfinance.okstate.edu/site-files/documents/policies/requirements-for-undergraduate-and-graduate-minors.pdf>).

# Microbiology/Cell & Molecular Biology, BS

## Degree Requirements

**Requirements for Students Matriculating in or before Academic Year 2022-2023.** Learn more about University Academic Regulation 3.1 (p. 943).

**Minimum Overall Grade Point Average: 2.00**

**Total Hours: 120**

Code	Title	Hours
<b>General Education Requirements</b>		
<i>English Composition</i>		
See Academic Regulation 3.5 (p. 944)		
ENGL 1113 or ENGL 1313	Composition I Critical Analysis and Writing I	3
Select one of the following:		3
ENGL 1213	Composition II	
ENGL 1413	Critical Analysis and Writing II	
ENGL 3323	Technical Writing	
<i>American History &amp; Government</i>		
HIST 1103 or HIST 1483 or HIST 1493	Survey of American History American History to 1865 (H) American History Since 1865 (DH)	3
POLS 1113	American Government	3
<i>Analytical &amp; Quantitative Thought (A)</i>		
MATH 1513	College Algebra (A) (or higher) <sup>1</sup>	3
<i>Humanities (H)</i>		
Courses designated (H)		6
<i>Natural Sciences (N)</i>		
Must include one Laboratory Science (L) course		
BIOL 1113 & BIOL 1111 or BIOL 1114	Introductory Biology (N) and Introductory Biology Laboratory (LN) <sup>1</sup> Introductory Biology (LN)	4
PHYS 1114	College Physics I (LN) <sup>1</sup>	4
<i>Social &amp; Behavioral Sciences (S)</i>		
Course designated (S)		3
<i>Additional General Education</i>		
Courses designated (A), (H), (N), or (S)		8
<b>Hours Subtotal</b>		<b>40</b>
<b>Diversity (D) &amp; International Dimension (I)</b>		
May be completed in any part of the degree plan		
Select at least one Diversity (D) course		
Select at least one International Dimension (I) course		
<b>College/Departmental Requirements</b>		
<i>First Year Seminar</i>		
(Transfer students with 15 hours exempt)		1
<i>Arts &amp; Humanities</i>		
See note 2.a.		
		3
<i>Natural &amp; Mathematical Sciences</i>		
CHEM 1314 & CHEM 1515	Chemistry I (LN) and Chemistry II (LN)	9

<i>Foreign Language</i>		
See note 3		
0-6 hours		
<i>Upper-Division General Education</i>		
Select 6 hours outside major department		
See note 2.c.		
<b>Hours Subtotal</b>		<b>13</b>
<b>Major Requirements <sup>2</sup></b>		
A minimum grade of "C" in each course		
BIOC 3653	Survey of Biochemistry (or)	3
BIOC 3713 & BIOC 3813	Biochemistry I and Biochemistry II	
BIOL 3023 or ANSI 3423	General Genetics Animal Genetics	3
PBIO 1404 or BIOL 1604	Plant Biology (LN) Animal Biology	4
Select one of the following:		5
CHEM 3013 & CHEM 3012	Survey of Organic Chemistry and Survey of Organic Chemistry Laboratory	
CHEM 3053 & CHEM 3112 & CHEM 3153	Organic Chemistry I and Organic Chemistry Laboratory and Organic Chemistry II	
MICR 2123	Introduction to Microbiology	3
MICR 2132	Introduction to Microbiology Laboratory	2
MICR 3033	Cell and Molecular Biology	3
MICR 3223	Advanced Microbiology	3
MICR 3253	Immunology	3
MICR 4001	Professional Transitions in Microbiology and Cell and Molecular Biology	1
MICR 4012	Molecular Microbiology Laboratory I	2
MICR 4112	Molecular Microbiology Capstone	2
MICR 4233	Advanced Cell and Molecular Biology	3
MICR 4253 or MICR 4263	Concepts in Medical Genetics Microbial Genetics: from Genes to Genomes	3
Select 10 hours upper-division MICR (except MICR 3103)		10
<b>Hours Subtotal</b>		<b>50</b>
<b>Electives <sup>2</sup></b>		
Select 17 hours		17
May need to include 6 hours of a foreign language (see note 3)		
May need to include 6 hours upper-division general education outside major department (see note 2.c.)		
<b>Hours Subtotal</b>		<b>17</b>
<b>Total Hours</b>		<b>120</b>

1

College and Departmental Requirements that may be used to meet General Education Requirements.

2

With approval from the advisor and department head, a maximum of 30 hours from an accredited doctoral health program may be substituted for major requirements.

Additional courses may be required for professional and/or graduate degrees.

## Other Requirements

- See the College of Arts and Sciences Requirements.
- **Upper-Division Credit:** Total hours must include at least 40 hours in courses numbered 3000 or above.
- **Hours in One Department:** For B.A. and B.S. degrees, no more than 54 hours in one department may be applied to degree requirements.

## College of Arts and Sciences Requirements

### 1. General Education Requirements

No more than two courses (or eight hours) from the major department (<http://catalog.okstate.edu/college-arts-sciences-major-departments/>) may be used to meet General Education and College and Departmental Requirements. The General Education required English Composition, required U.S. History, required American Government, one required MATH or STAT course, and required foreign language for B.A. degrees do not count against the two-course maximum.

### 2. A&S College/Departmental Requirements

- Arts and Humanities are defined as any course carrying an (H) designation or courses from AMST, ART, DANC, ENGL (except ENGL 3323 Technical Writing) HIST, MUSI, PHIL (except PHIL 1313 Logic and Critical Thinking (A), PHIL 3003 Symbolic Logic (A) and PHIL 4003 Mathematical Logic and Computability), REL, TH, and foreign languages.
- Natural and Mathematical Sciences are defined as any course from the following prefixes: ASTR, BIOC, BIOL, CHEM, CS (except CS 4883 Social Issues in Computing), GEOL, MATH, MICR, PBIO, PHYS, and STAT; or courses from other departments that carry an (A) or (N) general education designation.
- The required six hours of upper-division General Education may not include courses from the student's major department. This requirement may be satisfied by courses also used to satisfy any part of a student's degree program (i.e., in General Education, College Departmental Requirements, Major Requirements or Electives).
- Non-Western Studies Requirement for B.A. and B.F.A.; One 3-hour course in Non-Western Studies (N.W.). This requirement may be satisfied by courses also used to satisfy any part of a student's degree program (i.e., in General Education, College Departmental Requirements, Major Requirements or Electives).
- The College of Arts & Sciences requires a minimum 2.0 GPA in all major requirements and a minimum 2.0 GPA in all major-prefix courses applied to the degree.

### 3. Foreign Language Proficiency

- The foreign language requirement for the B.A. may be satisfied by 9 hours college credit in the same language, which must include 3 hours at the 2000-level, or equivalent proficiency (e.g., passing an advanced standing examination; TOEFL exam; presenting a high school transcript which demonstrates the high school was primarily conducted in a language other than English; etc.). Computer Science courses may not be used to satisfy this requirement. Currently Arabic and Mvskoke are not offered at the 2000-level at OSU.
- The foreign language requirement for the B.S., B.M. and B.F.A. may be satisfied by presenting a high school transcript which

demonstrates two years of study of a single foreign language (passing grades at second-year level of study). It may also be satisfied by 6 hours college credit in the same language, which must include language courses 1713 and 1813, or equivalent proficiency (e.g., passing an advanced standing examination; TOEFL exam; presenting a high school transcript which demonstrates the high school was primarily conducted in a language other than English; etc.). Computer Science courses may not be used to satisfy this requirement.

- In addition to a. and b., students pursuing teacher certification must meet novice-high foreign language proficiency by presenting a high school transcript which demonstrates two years of study of a single foreign language with no grade below B. Or, students may complete 3 hours college credit in a single language with no grade below C (or pass an advanced standing examination, College Level Examination Program (CLEP) exam, or Oral Proficiency Interview developed by the American Council on the Teaching of Foreign Languages, equivalent to 3 hours of college credit.) Or, students may meet the requirement by transfer of documentation of meeting the foreign language competency from one of the teacher education programs in the State of Oklahoma approved by the Oklahoma State Regents for Higher Education.

### 4. Exclusions

- Courses used to satisfy the General Education English Composition, U.S. History, American Government, and Mathematics or Statistics requirements will not count toward the 54-hour maximum allowed from one department.
- Courses with ATHL or LEIS prefixes and leisure activity courses may not be used for degree credit.

## Additional State/OSU Requirements

- At least: 60 hours at a four-year institution; 30 hours completed at OSU; 15 of the final 30 or 50% of the upper-division hours in the major field completed at OSU.
- Limit of: one-half of major course requirements as transfer work; one-fourth of hours earned by correspondence; 8 transfer correspondence hours.
- Students will be held responsible for degree requirements in effect at the time of matriculation and any changes that are made, so long as these changes do not result in semester credit hours being added or do not delay graduation.
- Degrees that follow this plan must be completed by the end of Summer 2028.

## Example Plan of Study

### Finish in Four Plan of Study

The plan below is an example of how students can successfully complete degree requirements in four years. This suggested class schedule plan may be used as a guide and can be adjusted based on individual needs. Students are required to meet with an academic advisor prior to enrollment each semester to plan their class schedule, and students are ultimately responsible for completing all degree requirements.

Course	Title	Hours
<b>Freshman</b>		
<b>Fall</b>		
MATH 1513	College Algebra (A)	3

1504 Microbiology/Cell & Molecular Biology, BS

BIOL 1113 & BIOL 1111 or BIOL 1114	Introductory Biology (N) or Introductory Biology (LN)	4
MICR 1211	First Year Microbiology Laboratory Experience	1
General Education courses		7
<b>Hours</b>		<b>15</b>
<b>Spring</b>		
CHEM 1314	Chemistry I (LN)	4
BIOL 1604 or P BIO 1404	Animal Biology or Plant Biology (LN)	4
General Education courses		7
<b>Hours</b>		<b>15</b>
<b>Sophomore</b>		
<b>Fall</b>		
CHEM 1515	Chemistry II (LN)	5
MICR 2123	Introduction to Microbiology	3
MICR 2132	Introduction to Microbiology Laboratory	2
General Education courses		5
<b>Hours</b>		<b>15</b>
<b>Spring</b>		
CHEM 3013 or CHEM 3053	Survey of Organic Chemistry or Organic Chemistry I	3
CHEM 3012	Survey of Organic Chemistry Laboratory (If taking CHEM 3013)	2
MICR 3033	Cell and Molecular Biology	3
MICR 4001	Professional Transitions in Microbiology and Cell and Molecular Biology	1
General Education courses		6
<b>Hours</b>		<b>15</b>
<b>Junior</b>		
<b>Fall</b>		
BIOL 3023 or ANSI 3423	General Genetics or Animal Genetics	3
MICR 3223	Advanced Microbiology	3
CHEM 3153 or BIOC 3653	Organic Chemistry II or Survey of Biochemistry	3
MICR 4012	Molecular Microbiology Laboratory I (Fall only)	2
College and Elective courses		4
<b>Hours</b>		<b>15</b>
<b>Spring</b>		
BIOC 3653 or BIOC 3713	Survey of Biochemistry or Biochemistry I	3
PHYS 1114	College Physics I (LN)	4
MICR 3253	Immunology (Spring only)	3
Upper-division MICR course or CHEM 3112		2
College and Elective courses		3
<b>Hours</b>		<b>15</b>
<b>Senior</b>		
<b>Fall</b>		
Upper-Division MICR course or BIOC 3813		3
MICR 4253	Concepts in Medical Genetics (Fall only)	3
Upper-division MICR course		5
College and Elective courses		4
<b>Hours</b>		<b>15</b>
<b>Spring</b>		
MICR 4112	Molecular Microbiology Capstone	2
MICR 4233	Advanced Cell and Molecular Biology	3
College and Elective courses		10
<b>Hours</b>		<b>15</b>
<b>Total Hours</b>		<b>120</b>

1

Speak with academic advisor about saving General Education electives and Humanities (H) for Upper-division courses with International (I) and Diversity (D) dimensions.

# Microbiology/Cell & Molecular Biology: Medical Laboratory Science, BS

## Degree Requirements

Requirements for Students Matriculating in or before Academic Year 2022-2023. Learn more about University Academic Regulation 3.1 (p. 943).

Minimum Overall Grade Point Average: 2.00

Total Hours: 120

Code	Title	Hours
<b>General Education Requirements</b>		
<i>English Composition</i>		
See Academic Regulation 3.5 (p. 944)		
ENGL 1113	Composition I	3
or ENGL 1313	Critical Analysis and Writing I	
Select one of the following:		3
ENGL 1213	Composition II	
ENGL 1413	Critical Analysis and Writing II	
ENGL 3323	Technical Writing	
<i>American History &amp; Government</i>		
HIST 1103	Survey of American History	3
or HIST 1483	American History to 1865 (H)	
or HIST 1493	American History Since 1865 (DH)	
POLS 1113	American Government	3
<i>Analytical &amp; Quantitative Thought (A)</i>		
MATH 1513	College Algebra (A) (or higher)	3
<i>Humanities (H)</i>		
Courses designated (H)		6
<i>Natural Sciences (N)</i>		
Must include one Laboratory Science (L) course		
BIOL 1113	Introductory Biology (N)	4
& BIOL 1111	and Introductory Biology Laboratory (LN)	
or BIOL 1114	Introductory Biology (LN)	
PHYS 1114	College Physics I (LN)	4
<i>Social &amp; Behavioral Sciences (S)</i>		
Course designated (S)		3
<i>Additional General Education</i>		
Courses designated (A), (H), (N), or (S)		8
<b>Hours Subtotal</b>		<b>40</b>
<b>Diversity (D) &amp; International Dimension (I)</b>		
May be completed in any part of the degree plan		
Select at least one Diversity (D) course		
Select at least one International Dimension (I) course		
<b>College/Departmental Requirements</b>		
<i>First Year Seminar</i>		
(Transfer students with 15 hours exempt)		1
<i>Arts &amp; Humanities</i>		
See note 2.a.		3
<i>Natural &amp; Mathematical Sciences</i>		

CHEM 1314 & CHEM 1515	Chemistry I (LN) and Chemistry II (LN)	9
<i>Foreign Language</i>		
See note 3		
0-6 hours		
<i>Upper-Division General Education</i>		
Select 6 hours outside major department		
See note 2.c.		
<b>Hours Subtotal</b>		<b>13</b>
<b>Major Requirements</b>		
A minimum grade of "C" in each course		
BIOC 3653	Survey of Biochemistry (or)	3
BIOC 3713 & BIOC 3813	Biochemistry I and Biochemistry II	
BIOL 3023	General Genetics	3
or ANSI 3423	Animal Genetics	
PBIO 1404	Plant Biology (LN)	4
or BIOL 1604	Animal Biology	
Select one of the following:		5
CHEM 3013 & CHEM 3012	Survey of Organic Chemistry and Survey of Organic Chemistry Laboratory	
CHEM 3053 & CHEM 3112 & CHEM 3153	Organic Chemistry I and Organic Chemistry Laboratory and Organic Chemistry II	
MICR 2123	Introduction to Microbiology	3
MICR 2132	Introduction to Microbiology Laboratory	2
MICR 3253	Immunology	3
MICR 4001	Professional Transitions in Microbiology and Cell and Molecular Biology	1
BIOL 3204	Physiology	4
Complete Internship (p. 1505)		30
<b>Hours Subtotal</b>		<b>58</b>
<b>Electives</b>		
Select 9 hours		9
May need to include 6 hours of a foreign language. (see note 3)		
May need to include 6 hours upper-division general education outside major department (see note 2.c.)		
<b>Hours Subtotal</b>		<b>9</b>
<b>Total Hours</b>		<b>120</b>

## Internship

Course	Title	Hours
<b>First Year</b>		
<b>Fall</b>		
MICR 4117	Clinical Microbiology	7
MICR 4125	Clinical Chemistry I	5
<b>Hours</b>		<b>12</b>
<b>Spring</b>		
MICR 4236	Clinical Hematology	6
MICR 4246	Clinical Immunology	6
<b>Hours</b>		<b>12</b>
<b>Summer</b>		
MICR 4325	Clinical Chemistry II	5



MICR 4351	Topics in Clinical Laboratory Science	1
	Hours	6
	Total Hours	30

## Other Requirements

- See the College of Arts and Sciences Requirements.
- **Upper-Division Credit:** Total hours must include at least 40 hours in courses numbered 3000 or above.
- **Hours in One Department:** For B.A. and B.S. degrees, no more than 54 hours in one department may be applied to degree requirements.

## College of Arts and Sciences Requirements

### 1. General Education Requirements

No more than two courses (or eight hours) from the major department (<http://catalog.okstate.edu/college-arts-sciences-major-departments/>) may be used to meet General Education and College and Departmental Requirements. The General Education required English Composition, required U.S. History, required American Government, one required MATH or STAT course, and required foreign language for B.A. degrees do not count against the two-course maximum.

### 2. A&S College/Departmental Requirements

- Arts and Humanities are defined as any course carrying an (H) designation or courses from AMST, ART, DANC, ENGL (except ENGL 3323 Technical Writing) HIST, MUSI, PHIL (except PHIL 1313 Logic and Critical Thinking (A), PHIL 3003 Symbolic Logic (A) and PHIL 4003 Mathematical Logic and Computability), REL, TH, and foreign languages.
- Natural and Mathematical Sciences are defined as any course from the following prefixes: ASTR, BIOC, BIOL, CHEM, CS (except CS 4883 Social Issues in Computing), GEOL, MATH, MICR, PBIO, PHYS, and STAT; or courses from other departments that carry an (A) or (N) general education designation.
- The required six hours of upper-division General Education may not include courses from the student's major department. This requirement may be satisfied by courses also used to satisfy any part of a student's degree program (i.e., in General Education, College Departmental Requirements, Major Requirements or Electives).
- Non-Western Studies Requirement for B.A. and B.F.A.; One 3-hour course in Non-Western Studies (N.W.). This requirement may be satisfied by courses also used to satisfy any part of a student's degree program (i.e., in General Education, College Departmental Requirements, Major Requirements or Electives).
- The College of Arts & Sciences requires a minimum 2.0 GPA in all major requirements and a minimum 2.0 GPA in all major-prefix courses applied to the degree.

### 3. Foreign Language Proficiency

- The foreign language requirement for the B.A. may be satisfied by 9 hours college credit in the same language, which must include 3 hours at the 2000-level, or equivalent proficiency (e.g., passing an advanced standing examination; TOEFL exam; presenting a high school transcript which demonstrates the high school was primarily conducted in a language other than English; etc.). Computer Science courses may not be used to satisfy this requirement. Currently Arabic and Mvskoke are not offered at the 2000-level at OSU.

- The foreign language requirement for the B.S., B.M. and B.F.A. may be satisfied by presenting a high school transcript which demonstrates two years of study of a single foreign language (passing grades at second-year level of study). It may also be satisfied by 6 hours college credit in the same language, which must include language courses 1713 and 1813, or equivalent proficiency (e.g., passing an advanced standing examination; TOEFL exam; presenting a high school transcript which demonstrates the high school was primarily conducted in a language other than English; etc.). Computer Science courses may not be used to satisfy this requirement.
- In addition to a. and b., students pursuing teacher certification must meet novice-high foreign language proficiency by presenting a high school transcript which demonstrates two years of study of a single foreign language with no grade below B. Or, students may complete 3 hours college credit in a single language with no grade below C (or pass an advanced standing examination, College Level Examination Program (CLEP) exam, or Oral Proficiency Interview developed by the American Council on the Teaching of Foreign Languages, equivalent to 3 hours of college credit.) Or, students may meet the requirement by transfer of documentation of meeting the foreign language competency from one of the teacher education programs in the State of Oklahoma approved by the Oklahoma State Regents for Higher Education.

### 4. Exclusions

- Courses used to satisfy the General Education English Composition, U.S. History, American Government, and Mathematics or Statistics requirements will not count toward the 54-hour maximum allowed from one department.
- Courses with ATHL or LEIS prefixes and leisure activity courses may not be used for degree credit.

## Additional State/OSU Requirements

- At least: 60 hours at a four-year institution; 30 hours completed at OSU; 15 of the final 30 or 50% of the upper-division hours in the major field completed at OSU.
- Limit of: one-half of major course requirements as transfer work; one-fourth of hours earned by correspondence; 8 transfer correspondence hours.
- Students will be held responsible for degree requirements in effect at the time of matriculation and any changes that are made, so long as these changes do not result in semester credit hours being added or do not delay graduation.
- Degrees that follow this plan must be completed by the end of Summer 2028.

## Example Plan of Study

### Finish in Four Plan of Study

The plan below is an **example** of how students can successfully complete degree requirements in four years. This suggested class schedule plan may be used as a guide and can be adjusted based on individual needs. Students are required to meet with an academic advisor prior to enrollment each semester to plan their class schedule, and students are ultimately responsible for completing all degree requirements.

Course	Title	Hours	MICR 4246	Clinical Immunology	6
<b>Freshman</b>					
<b>Fall</b>					
MATH 1513	College Algebra (A)	3			
BIOL 1113 & BIOL 1111 or BIOL 1114	Introductory Biology (N) or Introductory Biology (LN)	4			
MICR 1211	First Year Microbiology Laboratory Experience	1			
General Education courses		7			
<b>Hours</b>		<b>15</b>			
<b>Spring</b>					
CHEM 1314	Chemistry I (LN)	4			
BIOL 1604 or PBIOL 1404	Animal Biology or Plant Biology (LN)	4			
General Education courses		7			
<b>Hours</b>		<b>15</b>			
<b>Sophomore</b>					
<b>Fall</b>					
CHEM 1515	Chemistry II (LN)	5			
MICR 2123	Introduction to Microbiology	3			
MICR 2132	Introduction to Microbiology Laboratory	2			
General Education courses		5			
<b>Hours</b>		<b>15</b>			
<b>Spring</b>					
CHEM 3013 or CHEM 3053	Survey of Organic Chemistry or Organic Chemistry I	3			
CHEM 3012	Survey of Organic Chemistry Laboratory (If taking CHEM 3013)	2			
MICR 3033	Cell and Molecular Biology (Suggested)	3			
BIOL 3204	Physiology	4			
MICR 4001	Professional Transitions in Microbiology and Cell and Molecular Biology	1			
General Education courses		2			
<b>Hours</b>		<b>15</b>			
<b>Junior</b>					
<b>Fall</b>					
BIOC 3653 or BIOC 3713 or CHEM 3153	Survey of Biochemistry or Biochemistry I or Organic Chemistry II	3			
BIOL 3023 or ANSI 3423	General Genetics or Animal Genetics	3			
MICR 3223	Advanced Microbiology	3			
College and Elective courses		6			
<b>Hours</b>		<b>15</b>			
<b>Spring</b>					
MICR 3253	Immunology (Spring only)	3			
Elective or BIOC 3653 or BIOC 3813		3			
Major, College, and Elective courses, Recommend BIOL 3214		9			
<b>Hours</b>		<b>15</b>			
<b>Summer</b>					
MICR 4325	Clinical Chemistry II	5			
MICR 4351	Topics in Clinical Laboratory Science	1			
<b>Hours</b>		<b>6</b>			
<b>Senior</b>					
<b>Fall</b>					
MICR 4117	Clinical Microbiology	7			
MICR 4125	Clinical Chemistry I	5			
<b>Hours</b>		<b>12</b>			
<b>Spring</b>					
MICR 4236	Clinical Hematology	6			
			<b>Hours</b>		<b>120</b>

# Microbiology/Cell & Molecular Biology: Pre-Medical Professional, BS

## Degree Requirements

Requirements for Students Matriculating in or before Academic Year 2022-2023. Learn more about University Academic Regulation 3.1 (p. 943).

Minimum Overall Grade Point Average: 2.00

Total Hours: 120

Code	Title	Hours
<b>General Education Requirements</b>		
<i>English Composition</i>		
See Academic Regulation 3.5 (p. 944)		
ENGL 1113	Composition I	3
or ENGL 1313	Critical Analysis and Writing I	
Select one of the following:		3
ENGL 1213	Composition II	
ENGL 1413	Critical Analysis and Writing II	
ENGL 3323	Technical Writing	
<i>American History &amp; Government</i>		
HIST 1103	Survey of American History	3
or HIST 1483	American History to 1865 (H)	
or HIST 1493	American History Since 1865 (DH)	
POLS 1113	American Government	3
<i>Analytical &amp; Quantitative Thought (A)</i>		
MATH 1513	College Algebra (A) (or higher) <sup>1</sup>	3
<i>Humanities (H)</i>		
Courses designated (H)		6
<i>Natural Sciences (N)</i>		
Must include one Laboratory Science (L) course		
PHYS 1114	College Physics I (LN) <sup>1</sup>	4
PHYS 1214	College Physics II (LN) <sup>1</sup>	4
<i>Social &amp; Behavioral Sciences (S)</i>		
Course designated (S)		3
<i>Additional General Education</i>		
Courses designated (A), (H), (N), or (S)		8
<b>Hours Subtotal</b>		<b>40</b>
<b>Diversity (D) &amp; International Dimension (I)</b>		
May be completed in any part of the degree plan		
Select at least one Diversity (D) course		
Select at least one International Dimension (I) course		
<b>College/Departmental Requirements</b>		
<i>First Year Seminar</i>		
(Transfer students with 15 hours exempt)		1
<i>Arts &amp; Humanities</i>		
See note 2.a.		3
<i>Natural &amp; Mathematical Sciences</i>		
CHEM 1314	Chemistry I (LN)	9
& CHEM 1515	and Chemistry II (LN)	

<i>Foreign Language</i>		
See note 3		
0-6 hours		
<i>Upper-Division General Education</i>		
Select 6 hours outside major department		
See note 2.c.		
<b>Hours Subtotal</b>		<b>13</b>
<b>Major Requirements <sup>2</sup></b>		
A minimum grade of "C" in each upper-division course and MICR 2123 and MICR 2132		
BIOC 3653	Survey of Biochemistry (or)	3
BIOC 3713 & BIOC 3813	Biochemistry I and Biochemistry II	
BIOL 1113 & BIOL 1111	Introductory Biology (N) and Introductory Biology Laboratory (LN)	4
or BIOL 1114	Introductory Biology (LN)	
BIOL 1604	Animal Biology	4
BIOL 3023	General Genetics	3
or ANSI 3423	Animal Genetics	
BIOL 3204	Physiology	4
CHEM 3053	Organic Chemistry I	3
CHEM 3112	Organic Chemistry Laboratory	2
CHEM 3153	Organic Chemistry II	3
MICR 2123	Introduction to Microbiology	3
MICR 2132	Introduction to Microbiology Laboratory	2
MICR 3033	Cell and Molecular Biology	3
MICR 3223	Advanced Microbiology	3
MICR 3253	Immunology	3
MICR 4001	Professional Transitions in Microbiology and Cell and Molecular Biology	1
MICR 4012	Molecular Microbiology Laboratory I	2
MICR 4053	Pathogenic Microbiology	3
MICR 4112	Molecular Microbiology Capstone	2
MICR 4233	Advanced Cell and Molecular Biology	3
MICR 4253	Concepts in Medical Genetics	3
or MICR 4263	Microbial Genetics: from Genes to Genomes	
<b>Hours Subtotal</b>		<b>54</b>
<b>Electives <sup>2</sup></b>		
Select 13 hours		13
May need to include 6 hours of a foreign language (see note 3)		
May need to include 6 hours upper-division general education outside major department (see note 2.c.)		
Additional requirements for professional school admission exist. View Admission Requirements Sheets at your chosen school and/or at <a href="http://prehealth.okstate.edu">http://prehealth.okstate.edu</a> .		
Recommended courses:		
PSYC 1113	Introductory Psychology (S)	
SOC 1113	Introductory Sociology (S)	
<b>Hours Subtotal</b>		<b>13</b>
<b>Total Hours</b>		<b>120</b>

<sup>1</sup>

College and Departmental Requirements that may be used to meet General Education Requirements.

2

With approval from the advisor and department head, a maximum of 30 hours from an accredited doctoral health program may be substituted for major requirements.

Additional requirements for professional school admission may exist. View Admission Requirements Sheets at your chosen school and/or at [prehealth.okstate.edu](http://prehealth.okstate.edu) (<http://prehealth.okstate.edu>).

## Other Requirements

- See the College of Arts and Sciences Requirements.
- **Upper-Division Credit:** Total hours must include at least 40 hours in courses numbered 3000 or above.
- **Hours in One Department:** For B.A. and B.S. degrees, no more than 54 hours in one department may be applied to degree requirements.

## College of Arts and Sciences Requirements

### 1. General Education Requirements

No more than two courses (or eight hours) from the major department (<http://catalog.okstate.edu/college-arts-sciences-major-departments/>) may be used to meet General Education and College and Departmental Requirements. The General Education required English Composition, required U.S. History, required American Government, one required MATH or STAT course, and required foreign language for B.A. degrees do not count against the two-course maximum.

### 2. A&S College/Departmental Requirements

- a. Arts and Humanities are defined as any course carrying an (H) designation or courses from AMST, ART, DANC, ENGL (except ENGL 3323 Technical Writing) HIST, MUSI, PHIL (except PHIL 1313 Logic and Critical Thinking (A), PHIL 3003 Symbolic Logic (A) and PHIL 4003 Mathematical Logic and Computability), REL, TH, and foreign languages.
- b. Natural and Mathematical Sciences are defined as any course from the following prefixes: ASTR, BIOC, BIOL, CHEM, CS (except CS 4883 Social Issues in Computing), GEOL, MATH, MICR, PBIO, PHYS, and STAT; or courses from other departments that carry an (A) or (N) general education designation.
- c. The required six hours of upper-division General Education may not include courses from the student's major department. This requirement may be satisfied by courses also used to satisfy any part of a student's degree program (i.e., in General Education, College Departmental Requirements, Major Requirements or Electives).
- d. Non-Western Studies Requirement for B.A. and B.F.A.; One 3-hour course in Non-Western Studies (N.W.). This requirement may be satisfied by courses also used to satisfy any part of a student's degree program (i.e., in General Education, College Departmental Requirements, Major Requirements or Electives).
- e. The College of Arts & Sciences requires a minimum 2.0 GPA in all major requirements and a minimum 2.0 GPA in all major-prefix courses applied to the degree.

### 3. Foreign Language Proficiency

- a. The foreign language requirement for the B.A. may be satisfied by 9 hours college credit in the same language, which must include 3 hours at the 2000-level, or equivalent proficiency (e.g., passing an advanced standing examination; TOEFL exam; presenting

a high school transcript which demonstrates the high school was primarily conducted in a language other than English; etc.). Computer Science courses may not be used to satisfy this requirement. Currently Arabic and Mvskoke are not offered at the 2000-level at OSU.

- b. The foreign language requirement for the B.S., B.M. and B.F.A. may be satisfied by presenting a high school transcript which demonstrates two years of study of a single foreign language (passing grades at second-year level of study). It may also be satisfied by 6 hours college credit in the same language, which must include language courses 1713 and 1813, or equivalent proficiency (e.g., passing an advanced standing examination; TOEFL exam; presenting a high school transcript which demonstrates the high school was primarily conducted in a language other than English; etc.). Computer Science courses may not be used to satisfy this requirement.
- c. In addition to a. and b., students pursuing teacher certification must meet novice-high foreign language proficiency by presenting a high school transcript which demonstrates two years of study of a single foreign language with no grade below B. Or, students may complete 3 hours college credit in a single language with no grade below C (or pass an advanced standing examination, College Level Examination Program (CLEP) exam, or Oral Proficiency Interview developed by the American Council on the Teaching of Foreign Languages, equivalent to 3 hours of college credit.) Or, students may meet the requirement by transfer of documentation of meeting the foreign language competency from one of the teacher education programs in the State of Oklahoma approved by the Oklahoma State Regents for Higher Education.

### 4. Exclusions

- a. Courses used to satisfy the General Education English Composition, U.S. History, American Government, and Mathematics or Statistics requirements will not count toward the 54-hour maximum allowed from one department.
- b. Courses with ATHL or LEIS prefixes and leisure activity courses may not be used for degree credit.

## Additional State/OSU Requirements

- At least: 60 hours at a four-year institution; 30 hours completed at OSU; 15 of the final 30 or 50% of the upper-division hours in the major field completed at OSU.
- Limit of: one-half of major course requirements as transfer work; one-fourth of hours earned by correspondence; 8 transfer correspondence hours.
- Students will be held responsible for degree requirements in effect at the time of matriculation and any changes that are made, so long as these changes do not result in semester credit hours being added or do not delay graduation.
- Degrees that follow this plan must be completed by the end of Summer 2028.

## Example Plan of Study

### Finish in Four Plan of Study

The plan below is an **example** of how students can successfully complete degree requirements in four years. This suggested class schedule plan may be used as a guide and can be adjusted based on individual needs. Students are required to meet with an academic advisor prior to

enrollment each semester to plan their class schedule, and students are ultimately responsible for completing all degree requirements.

College and Elective courses	7
<b>Hours</b>	<b>15</b>
<b>Total Hours</b>	<b>120</b>

Course	Title	Hours
<b>Freshman</b>		
<b>Fall</b>		
MATH 1513	College Algebra (A)	3
BIOL 1113 & BIOL 1111 or BIOL 1114	Introductory Biology (N) or Introductory Biology (LN)	4
MICR 1211	First Year Microbiology Laboratory Experience	1
General Education courses		7
<b>Hours</b>		<b>15</b>
<b>Spring</b>		
CHEM 1314	Chemistry I (LN)	4
BIOL 1604 or P BIO 1404	Animal Biology or Plant Biology (LN)	4
General Education courses		7
<b>Hours</b>		<b>15</b>
<b>Sophomore</b>		
<b>Fall</b>		
CHEM 1515	Chemistry II (LN)	5
MICR 2123	Introduction to Microbiology	3
MICR 2132	Introduction to Microbiology Laboratory	2
General Education courses		5
<b>Hours</b>		<b>15</b>
<b>Spring</b>		
CHEM 3053	Organic Chemistry I	3
MICR 3033	Cell and Molecular Biology	3
BIOL 3204	Physiology	4
General Education courses		5
<b>Hours</b>		<b>15</b>
<b>Junior</b>		
<b>Fall</b>		
CHEM 3153	Organic Chemistry II	3
CHEM 3112	Organic Chemistry Laboratory	2
MICR 3223	Advanced Microbiology	3
PHYS 1114	College Physics I (LN)	4
College and Elective courses		3
<b>Hours</b>		<b>15</b>
<b>Spring</b>		
BIOC 3653 or BIOC 3713	Survey of Biochemistry or Biochemistry I	3
BIOL 3023 or ANSI 3423	General Genetics or Animal Genetics	3
MICR 4053	Pathogenic Microbiology	3
MICR 4001	Professional Transitions in Microbiology and Cell and Molecular Biology	1
PHYS 1214	College Physics II (LN)	4
College and Elective courses		1
<b>Hours</b>		<b>15</b>
<b>Senior</b>		
<b>Fall</b>		
MICR 4012	Molecular Microbiology Laboratory I	2
MICR 4253	Concepts in Medical Genetics (Fall only)	3
Major, College, and Elective courses (Recommend BIOC 3813)		10
<b>Hours</b>		<b>15</b>
<b>Spring</b>		
MICR 3253	Immunology	3
MICR 4112	Molecular Microbiology Capstone	2
MICR 4233	Advanced Cell and Molecular Biology	3

## Military Science

Students desiring to expand the scope of their education, while preparing for a dynamic and rewarding career as an officer in the United States Army, Active Duty, National Guard or Army Reserve, choose the Army Reserve Officer Training Corps program (ROTC) as an adjunct to their chosen field of study. With courses dealing in a wide range of subjects from leadership to tactics, taught both indoors and out, the Army ROTC program produces over 5,000 second lieutenants each year across the nation.

The Army ROTC program consists of a basic course and an advanced course. Students desiring to see what the program is like may enroll in up to 13 hours of military science with no commitment to the United States Army. During this basic course, emphasis is placed upon leadership, war gaming, individual skills, problem-solving, rappelling and land navigation. All lower-division ROTC courses are open to the entire University community regardless of year in school.

Students committing themselves to a commission in the United States Army are required to enroll in the Army ROTC advanced course upon completion of the basic course or equivalent. The advanced course consists of 12 hours of academic work taken during the junior and senior year. In addition, participation in a five-week summer camp is mandatory. The advanced course emphasizes further development of leadership skills, offensive and defensive tactics, physical conditioning, ethics, military law, professional and basic military knowledge and skills. Additionally, advanced course students are responsible for use of required military skills as they act as assistant instructors during laboratory periods, plan leadership laboratories, plan and conduct field training exercises and are responsible for coordinating and supervising departmental extracurricular activities. In addition there are several students who join Army ROTC in the simultaneous Membership Program in which they are both students in the ROTC and members of the Army Reserve or Oklahoma National Guard. This provides tremendous experience and economic benefit.

All advanced course students must satisfy directed professional military education (PME) requirements prior to receiving a commission. Commissioning through ROTC consists of two essential parts—a baccalaureate degree and completion of the advanced course requirements to include an upper-division military history course.

Students interested in the Department of Military Science are encouraged to visit with departmental faculty members at any time for further information concerning departmental course offerings and class sequence. A number of two- and three-year scholarships are available through the department. Prior enrollment in military science is not a prerequisite for departmental scholarship application.

## Courses

### MLSC 1113 Foundations of Officership

**Description:** Lecture: Team study and activities in basic drill, physical fitness, rappelling, leadership reaction course, first aid, presentations and basic marksmanship. Fundamentals of leadership. Optional weekend exercise. Lab: Learning and practicing basic skills such as rappelling, drill and ceremony, land navigation, individual first aid, individual training in small unit tactics. Previously offered as MLSC 1112.

**Credit hours:** 3

**Contact hours:** Lecture: 2 Lab: 2 Contact: 4

**Levels:** Undergraduate

**Schedule types:** Lab, Lecture, Combined lecture and lab

**Department/School:** Military Science

### MLSC 1213 Basic Leadership

**Description:** Lecture: Principles of effective leading, communication skills and organizational ethical values. Optional weekend exercise. Lab: Learning and practicing basic skills such as rappelling, drill and ceremony, land navigation, individual first aid, individual training in small unit tactics. Previously offered as MLSC 1212.

**Credit hours:** 3

**Contact hours:** Lecture: 2 Lab: 2 Contact: 4

**Levels:** Undergraduate

**Schedule types:** Lab, Lecture, Combined lecture and lab

**Department/School:** Military Science

### MLSC 2122 Leader's Training Course

**Prerequisites:** Must meet with Department head and have their approval.

**Description:** For students who have not completed all of basic ROTC. A four-week summer camp similar to Army Basic Training. No military obligation incurred. Completion of MLSC 2122 qualifies a student for entry into the Advanced Course.

**Credit hours:** 2

**Contact hours:** Lab: 4 Contact: 4

**Levels:** Undergraduate

**Schedule types:** Lab

**Department/School:** Military Science

### MLSC 2130 Military Physical Conditioning

**Prerequisites:** Must be enrolled in a MLSC lecture class: MLSC 1213, or MLSC 1113, or MLSC 2233, or MLSC 2313, or MLSC 3113, or MLSC 3223, or MLSC 4123, or MLSC 4223.

**Description:** Participation in and learning to plan and lead a physical fitness program. Development of an individual fitness program and the role of exercise and fitness in person's life. Offered for 1 hour fixed credit. Maximum of 2 credit hours.

**Credit hours:** 1

**Contact hours:** Lab: 2 Contact: 2

**Levels:** Undergraduate

**Schedule types:** Lab

**Department/School:** Military Science

### MLSC 2233 Individual Leadership Studies

**Description:** Ethics-based leadership skills that develop individual abilities and contribute to the building of effective teams. Skills in oral presentation, writing, planning, coordinating groups, land navigation and basic military tactics.

**Credit hours:** 3

**Contact hours:** Lecture: 2 Lab: 2 Contact: 4

**Levels:** Undergraduate

**Schedule types:** Lab, Lecture, Combined lecture and lab

**Department/School:** Military Science



**MLSC 2313 Leadership and Teamwork**

**Prerequisites:** MLSC 2233.

**Description:** Individual and team aspects of military tactics in small unit operations. Safety assessment, movement techniques, planning for team safety and security and methods of pre-execution checks. Training techniques for continued leadership development.

**Credit hours:** 3

**Contact hours:** Lecture: 2 Lab: 2 Contact: 4

**Levels:** Undergraduate

**Schedule types:** Lab, Lecture, Combined lecture and lab

**Department/School:** Military Science

**MLSC 3113 Leadership and Problem Solving**

**Prerequisites:** Completion of lower-division MLSC or equivalent, and approval of professor of military science.

**Description:** Practical opportunities to lead small groups in situations of increasing complexity receiving personal assessments and encouragement. Use of small unit defensive tactics and opportunities to plan and conduct training for lower-division students both to develop such skills and as vehicles for practicing leading.

**Credit hours:** 3

**Contact hours:** Lecture: 2 Lab: 2 Contact: 4

**Levels:** Undergraduate

**Schedule types:** Lab, Lecture, Combined lecture and lab

**Department/School:** Military Science

**MLSC 3223 Leadership and Ethics**

**Prerequisites:** MLSC 3113.

**Description:** Analysis of tasks; preparation of written or oral guidance for team members to accomplish tasks. Delegating tasks and supervising. Planning and adapting to the unexpected in organizations under stress. Examination and application of lessons from leadership case studies. Examination of importance of ethical decision-making in setting a positive climate that enhances team performance.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Military Science

**MLSC 4014 Leader Development and Assessment Course**

**Prerequisites:** Must meet with Department Head and have their approval.

**Description:** A five-week camp conducted at an Army post. Individual leadership and basic skills performance.

**Credit hours:** 4

**Contact hours:** Lab: 8 Contact: 8

**Levels:** Undergraduate

**Schedule types:** Lab

**Department/School:** Military Science

**MLSC 4123 Leadership and Management**

**Prerequisites:** MLSC 3113 and MLSC 3223.

**Description:** Planning conducting and evaluating activities of the ROTC cadet organization. Articulating goals, putting plans into action to attain them. Assessing organizational cohesion and developing strategies to improve it. Developing confidence in skills to lead people and manage resources.

**Credit hours:** 3

**Contact hours:** Lecture: 2 Lab: 2 Contact: 4

**Levels:** Undergraduate

**Schedule types:** Lab, Lecture, Combined lecture and lab

**Department/School:** Military Science

**MLSC 4223 Officership**

**Prerequisites:** MLSC 3113 and MLSC 3223.

**Description:** Continuation of the methodology from MLSC 4123. Identification and resolution of ethical dilemmas. Refining counseling and motivating techniques. Examination of aspects of tradition and law as related to leading as an officer in the Army.

**Credit hours:** 3

**Contact hours:** Lecture: 2 Lab: 2 Contact: 4

**Levels:** Undergraduate

**Schedule types:** Lab, Lecture, Combined lecture and lab

**Department/School:** Military Science

**MLSC 4422 The Tactical Planning Process**

**Prerequisites:** ROTC advanced course status or consent of department head.

**Description:** The tactical planning process and its components. Computer tactical simulations used to organize and synchronize the process.

**Credit hours:** 2

**Contact hours:** Lecture: 2 Contact: 2

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Military Science

## Minors

- Military Science (MLSC), Minor (p. 1513)

## Faculty

**Professor of Military Science and Head:** LTC Robert "Bo" Reynolds

**Assistant Professors:** MSG Nathan Purdy; SFC Daniel Tinnin; 1LT Kevin Black; Mr. Mike Teifke; Mr. Dennis Slaton

## Military Science (MLSC), Minor

**Requirements for Students Matriculating in or before Academic Year 2022-2023.** Learn more about University Academic Regulation 3.1 (p. 943).

LTC Robert Reynolds, 312 TH, 405-744-1775

Diana Reddington, 311 TH, 405-744-1775

**Minimum Grade Point Average in Minor Coursework:** 2.50 with no grade below "C."

**Total Hours:** 15

Code	Title	Hours
<b>Minor Requirements</b>		
HIST 3333 or HIST 4353	History of the Second World War (HI) American Military History (H)	3
MLSC 3113	Leadership and Problem Solving	3
MLSC 3223	Leadership and Ethics	3
MLSC 4123	Leadership and Management	3
MLSC 4223	Officership	3
<b>Total Hours</b>		<b>15</b>

## Additional OSU Requirements

### Undergraduate Minors

- An undergraduate minor must include between fifteen and thirty hours, inclusive of undergraduate coursework.
- A minimum of six credit hours for the minor must be earned in residence at OSU.
- The courses required for a minor may be included in the course requirements for any undergraduate degree or they may be in addition to degree requirements, depending on the overlap between the minor and degree requirements. However, an undergraduate minor must be earned in an academic field other than the student's declared degree option. The minor may not duplicate the degree major or option (for example, a student who earns a BA in Art with an Art History option may earn a minor in Studio Art but not Art History).
- A student generally follows the minor requirements associated with his or her matriculation year or newer requirements that have been established since matriculation. The time limit for following requirements from a given academic year is six years.

For additional information on requirements on minors, click here (<https://adminfinance.okstate.edu/site-files/documents/policies/requirements-for-undergraduate-and-graduate-minors.pdf>).

## Minors

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- Africana Studies (AFAM), Minor (p. 1515)
- American Indian Studies (AMIS), Minor (p. 1516)
- Asian Studies (ASTD), Minor (p. 1517)
- Central Asian Studies (CAST), Minor (p. 1518)
- Classical Studies (CLST), Minor (p. 1519)
- European Studies (EUST), Minor (p. 1520)
- Hispanic and Latin American Studies (HLAS), Minor (p. 1522)
- Middle East Studies (MES), Minor (p. 1523)
- Russian and East European Studies (REES), Minor (p. 1524)

## Africana Studies (AFAM), Minor

**Requirements for Students Matriculating in or before Academic Year 2022-2023.** Learn more about University Academic Regulation 3.1 (p. 943).

Vincent Burke, 201 SSH, 405-744-5569

**Minimum Grade Point Average in Minor Coursework:** 2.5 with no grade below "C."

**Total Hours:** 18

Code	Title	Hours
<b>Minor Requirements</b>		
AFAM 1113	Introduction to Africana Studies (DH)	3
Select 15 hours of the following:		15
AFAM 2423	Black Popular Culture (DH)	
AFAM 3343	Black Psychology (DS)	
AFAM 3753	African American Arts and Culture (DH)	
AFAM 3950	Special Topics in Africana Studies	
AFAM 4453	Black Geographies & Memorialization in the Landscape (DH)	
AFAM 4543	Race Theory	
AFAM 4980	Research in Africana Studies	
AMST 3473	Race, Gender, and Ethnicity in American Film (D)	
ANTH 3353	Cultural Anthropology (IS)	
ENGL 3193	African-American Literature (DH)	
GEOG 3763	Africa (IS)	
GWST 3613	Race and Reproduction in the U.S. (D)	
HIST 3133	African Diaspora History (DH)	
HIST 3503	Medieval Islamic History (H)	
HIST 3773	Old South (S)	
HIST 4153	African American History, 1619-1865 (DH)	
HIST 4163	African American History, 1865-Present (DH)	
HIST 4173	Black Intellectual History (DH)	
MGMT 4213	Managing Diversity in the Workplace (D)	
PHIL 3623	Philosophy of Race (DH)	
PHIL 3633	MLK, Malcolm X, & Philosophy of Race (DH)	
POLS 3953	Minorities in the American Political System (DS)	
POLS 3973	Race, Politics and Sports (D)	
PSYC 3120	Special Topics in Psychology	
PSYC 3343	Black Psychology (DS)	
PSYC 4163	Psychology of Prejudice and Discrimination (D)	
SOC 3133	Racial and Ethnic Relations (DS)	
SOC 4383	Social Stratification (S)	
Other courses may apply with permission of the faculty coordinator.		
<b>Total Hours</b>		<b>18</b>

## Additional OSU Requirements Undergraduate Minors

- An undergraduate minor must include between fifteen and thirty hours, inclusive of undergraduate coursework.
- A minimum of six credit hours for the minor must be earned in residence at OSU.
- The courses required for a minor may be included in the course requirements for any undergraduate degree or they may be in addition to degree requirements, depending on the overlap between the minor and degree requirements. However, an undergraduate minor must be earned in an academic field other than the student's declared degree option. The minor may not duplicate the degree major or option (for example, a student who earns a BA in Art with an Art History option may earn a minor in Studio Art but not Art History).
- A student generally follows the minor requirements associated with his or her matriculation year or newer requirements that have been established since matriculation. The time limit for following requirements from a given academic year is six years.

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## American Indian Studies (AMIS), Minor

**Requirements for Students Matriculating in or before Academic Year 2022-2023.** Learn more about University Academic Regulation 3.1 (p. 943).

**John Chaney**, Faculty contact, 116 NH , 405-744-6113, john.chaney@okstate.edu

**Anthony Valentine**, Advisor, 213 LSE, 405-744-5658

**Total Hours:** 18 hours from at least three disciplines.

Code	Title	Hours
<b>Minor Requirement</b>		
AMIS 2013	Introduction to American Indian Studies (D)	3
Select 9 hours of the following:		9
AMIS 3713	Native American Entrepreneurship (D)	
AMIS 4013	American Indian Sovereignty (D)	
ART 4763	Native American Art and Material Culture	
ENGL 3183	Native American Literature (DH)	
GEOG 3243	Legal Geography of Native America, Sovereign Tribal Nations, and Indian Country (DS)	
HIST 3793	Native American History (DH)	
LL 1000	Special Studies in Languages and Literatures (Mvskoke Language and Culture)	
REL 3573	The Religions of Native Americans (DH)	
Select 6 additional hours from the list above or the following:		6
ART 3733	History of Latin American Art I	
EEE 3033	Women and Minority Entrepreneurship	
GEOG 3703	Geography Of Oklahoma (S)	
GEOG 4103	Historical Geography of North America since 1800 (H)	
HIST 4523	American Environmental History (H)	
HIST 3763	American Southwest (DH)	
MGMT 4213	Managing Diversity in the Workplace (D)	
PSYC 4163	Psychology of Prejudice and Discrimination (D)	
SOC 3133	Racial and Ethnic Relations (DS)	
<b>Total Hours</b>		<b>18</b>

The following courses may be used with permission from the faculty coordinator:

Code	Title	Hours
ENGL 3153	Readings in Literature by Women (DH)	3
ENGL 3813	Readings in the American Experience (DH)	3
HIST 3703	Oklahoma History (DH)	3
HIST 3753	Trans-Mississippi West (DH)	3
HIST 4453	History and Film (H)	3
HIST 4980	Topics in History	1-3
PSYC 4880	Senior Honors Thesis	1-6
PSYC 4990	Research Practicum	1-6

## Other Requirements

- 12 hours must be upper-division.
- No grade below "C."

## Additional OSU Requirements Undergraduate Minors

- An undergraduate minor must include between fifteen and thirty hours, inclusive of undergraduate coursework.
- A minimum of six credit hours for the minor must be earned in residence at OSU.
- The courses required for a minor may be included in the course requirements for any undergraduate degree or they may be in addition to degree requirements, depending on the overlap between the minor and degree requirements. However, an undergraduate minor must be earned in an academic field other than the student's declared degree option. The minor may not duplicate the degree major or option (for example, a student who earns a BA in Art with an Art History option may earn a minor in Studio Art but not Art History).
- A student generally follows the minor requirements associated with his or her matriculation year or newer requirements that have been established since matriculation. The time limit for following requirements from a given academic year is six years.

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## Asian Studies (ASTD), Minor

**Requirements for Students Matriculating in or before Academic Year 2022-2023.** Learn more about University Academic Regulation 3.1 (p. 943).

Anthony Valentine, 213 LSE, 405-744-5658

**Minimum Grade Point Average in Minor Coursework:** 2.00

**Total Hours:** 21

Code	Title	Hours
<b>Minor Requirements</b>		
Select minimum of one 2000-level JAPN or CHIN course (or equivalent proficiency)		3
Select 18 hours from at least three disciplinary areas:		18
ANTH 3353	Cultural Anthropology (IS) <sup>1</sup>	
ANTH 4990	Special Topics in Anthropology <sup>1</sup>	
ART 3693	Survey of Asian Art (H)	
ART 4663	History of Chinese Art (H)	
ART 4673	History of Japanese Art	
ART 4703	Art East and West: Biases and Borrowings	
ART 4800	Special Studies in Art <sup>1</sup>	
ECON 3613	International Economic Relations (IS) <sup>1</sup>	
ECON 4643	International Economic Development (IS) <sup>1</sup>	
GEOG 3133	Political Geography (IS) <sup>1</sup>	
GEOG 3753	Asia (IS)	
GEOG 3783	The Middle East (IS)	
HIST 1713	Survey of Eastern Civilization (H)	
HIST 3053	Introduction to Central Asia Studies (IS)	
HIST 3403	East Asia to 1800 (H)	
HIST 3413	East Asia Since 1800 (HI)	
HIST 3423	Modern Japan (HI)	
HIST 3433	Modern China (HI)	
HIST 3980	Studies in History <sup>1</sup>	
HIST 4980	Topics in History <sup>1</sup>	
LL 3500	Specialized Study in a Modern Language <sup>1</sup>	
MKTG 4553	International Marketing <sup>1</sup>	
PHIL 3943	Asian Philosophy (HI)	
POLS 3053	Introduction to Central Asia Studies (IS)	
POLS 3223	Asian Politics	
POLS 4053	War And World Politics (I) <sup>1</sup>	
SOC 3713	Religion, Culture and Society <sup>1</sup>	
SOC 4533	World Population Problems <sup>1</sup>	
<b>Total Hours</b>		<b>21</b>

<sup>1</sup>

All courses marked with a <sup>1</sup> are variable-topic courses and may count toward the minor when topic appropriate. Prior approval from faculty coordinator is required.

## Additional OSU Requirements

### Undergraduate Minors

- An undergraduate minor must include between fifteen and thirty hours, inclusive of undergraduate coursework.

- A minimum of six credit hours for the minor must be earned in residence at OSU.
- The courses required for a minor may be included in the course requirements for any undergraduate degree or they may be in addition to degree requirements, depending on the overlap between the minor and degree requirements. However, an undergraduate minor must be earned in an academic field other than the student's declared degree option. The minor may not duplicate the degree major or option (for example, a student who earns a BA in Art with an Art History option may earn a minor in Studio Art but not Art History).
- A student generally follows the minor requirements associated with his or her matriculation year or newer requirements that have been established since matriculation. The time limit for following requirements from a given academic year is six years.

For additional information on requirements on minors, click here (<https://adminfinance.okstate.edu/site-files/documents/policies/requirements-for-undergraduate-and-graduate-minors.pdf>).



## Central Asian Studies (CAST), Minor

**Requirements for Students Matriculating in or before Academic Year 2022-2023.** Learn more about University Academic Regulation 3.1 (p. 943).

Anthony Valentine, 213 LSE, 405-744-5658

**Minimum Grade Point Average in Minor Coursework:** 2.00

**Total Hours:** 21

Code	Title	Hours
<b>Minor Requirements</b>		
Select a minimum of one 2000-level RUSS course (or equivalent proficiency in Kazak, Kyrzhyz, Tadjik, Turkmen, or Uzbek)		3
GEOG/HIST/POLS/RUSS 3053	Introduction to Central Asia Studies (IS)	3
Select 15 hours from at least three disciplinary areas:		15
GEOG 3733	Russia and Its Neighbors (IS)	
HIST 3153	Russia to 1861 (H)	
HIST 3163	Russia Since 1861 (HI)	
HIST 3203	The Medieval World, 500-1500 (H)	
HIST 3503	Medieval Islamic History (H)	
POLS 3003	The Soviet Union: History, Society and Culture(IS)	
POLS 3053	Introduction to Central Asia Studies (IS)	
POLS 3123	Russian & Eurasian Politics (I)	
REL 4113	The World of Islam: Cultural Perspectives (HI)	
RUSS 3003	The Soviet Union: History, Society and Culture (IS)	
<b>Total Hours</b>		<b>21</b>

## Additional OSU Requirements

### Undergraduate Minors

- An undergraduate minor must include between fifteen and thirty hours, inclusive of undergraduate coursework.
- A minimum of six credit hours for the minor must be earned in residence at OSU.
- The courses required for a minor may be included in the course requirements for any undergraduate degree or they may be in addition to degree requirements, depending on the overlap between the minor and degree requirements. However, an undergraduate minor must be earned in an academic field other than the student's declared degree option. The minor may not duplicate the degree major or option (for example, a student who earns a BA in Art with an Art History option may earn a minor in Studio Art but not Art History).
- A student generally follows the minor requirements associated with his or her matriculation year or newer requirements that have been established since matriculation. The time limit for following requirements from a given academic year is six years.

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## Classical Studies (CLST), Minor

**Requirements for Students Matriculating in or before Academic Year 2022-2023.** Learn more about University Academic Regulation 3.1 (p. 943).

Anthony Valentine, 213 LSE, 405-744-5658

**Minimum Grade Point Average in Minor Coursework:** 2.00

**Total Hours:** 21

Code	Title	Hours
<b>Minor Requirements</b>		
Select 12 hours of either Greek or Latin		12
Select 9 hours of the following:		9
ART 3603	History of Classical Art (H)	
HIST 3023	Ancient Greece (H)	
HIST 3033	Ancient Rome: The Republic (H)	
LL 2103	Masterworks of Western Culture: Ancient and Medieval	
PHIL 3113	Ancient Greek Philosophy (H)	
<b>Total Hours</b>		<b>21</b>

## Additional OSU Requirements

### Undergraduate Minors

- An undergraduate minor must include between fifteen and thirty hours, inclusive of undergraduate coursework.
- A minimum of six credit hours for the minor must be earned in residence at OSU.
- The courses required for a minor may be included in the course requirements for any undergraduate degree or they may be in addition to degree requirements, depending on the overlap between the minor and degree requirements. However, an undergraduate minor must be earned in an academic field other than the student's declared degree option. The minor may not duplicate the degree major or option (for example, a student who earns a BA in Art with an Art History option may earn a minor in Studio Art but not Art History).
- A student generally follows the minor requirements associated with his or her matriculation year or newer requirements that have been established since matriculation. The time limit for following requirements from a given academic year is six years.

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## European Studies (EUST), Minor

**Requirements for Students Matriculating in or before Academic Year 2022-2023.** Learn more about University Academic Regulation 3.1 (p. 943).

Anthony Valentine, 213 LSE, 405-744-5658

**Total Hours:** 21

Code	Title	Hours
<b>Minor Requirements</b>		
Minimum of one 2000-level language course from FREN, GRMN, RUSS or SPAN		3
Select 18 hours from at least three disciplinary areas, with no more than 3 lower-division hours:		18
ARCH 3083	History and Theory of Renaissance and Baroque Architecture (H)	
ARCH 4073	History and Theory of Early Modern Architecture	
ART 1503	Art History Survey I (H)	
ART 1513	Art History Survey II (H)	
ART 3603	History of Classical Art (H)	
ART 3623	History of Italian Renaissance Art (H)	
ART 3633	History of Baroque Art (H)	
ART 3653	History of 19th Century Art (H)	
ART 3673	History of Northern Renaissance Art	
ART 3683	History of 20th Century Art (HI)	
ART 3713	Early Medieval Art: Saints, Martyrs, Pagans (H)	
ART 3723	Court and Cloister: Medieval Art 1050-1400 (H)	
ART 3753	The Arts of Spain and the Spanish World (H)	
ART 4583	Rome: The Eternal City in Art and Film (H)	
ART 4593	Art of Conversion: 16th Century Art in Mexico (H)	
ART 4613	Art Since 1960	
ART 4783	Rembrandt Van Rijn	
ENGL 3123	Mythology (H)	
ENGL 3163	Literatures of the Ancient World (H)	
ENGL 3463	History of International Film (HI)	
ENGL 4100	Studies in Medieval British Literature	
ENGL 4110	Studies in 16th Century British Literature	
ENGL 4120	Studies in 17th Century British Literature	
ENGL 4130	Studies in 18th Century British Literature	
ENGL 4160	Studies in 19th Century British Literature	
ENGL 4200	Studies in Early American Literature	
ENGL 4300	Studies in Romanticism	
ENGL 4350	Contemporary International Cinema	
FREN 3853	Introduction to Analysis of French Literature	
FREN 4153	Survey of French Literature I	
FREN 4173	Survey of French Literature II	
FREN 4333	Background of Modern French Civilization	

GEOG 3723	Europe (IS)
GRMN 4153	Survey of German Literature I
GRMN 4163	Survey of German Literature II
GRMN 4333	Backgrounds of Modern German Civilization
GRMN 4343	Modern Germany
GRMN 4543	Contemporary German Literature
HIST 3023	Ancient Greece (H)
HIST 3033	Ancient Rome: The Republic (H)
HIST 3113	Germany Since 1815 (HI)
HIST 3153	Russia to 1861 (H)
HIST 3163	Russia Since 1861 (HI)
HIST 3203	The Medieval World, 500-1500 (H)
HIST 3243	Renaissance, 1350-1517 (H)
HIST 3253	Absolutism and Enlightenment, 1648-1789
HIST 3263	Modern Europe, 1815-1914 (H)
HIST 3273	Modern Europe Since 1914 (HI)
HIST 3323	Modern France, 1789-Present (HI)
HIST 3343	World War I in Modern European Culture (HI)
HIST 3353	Mediterranean World
HIST 3373	Invasion and Identity: The Medieval English World: 700-1400 (H)
HIST 3383	Tudor-Stuart England (H)
HIST 3393	Modern England: 1714-Present (H)
HIST 3483	Reformation Europe, 1517-1648 (H)
HIST 3493	Scandinavia Since 1500 (HI)
HIST 3913	History of Medicine (H)
HIST 3953	Religion in Modern Europe
HIST 3963	Ideas and Ideologies in Modern Europe (H)
HIST 4403	Sorcerers, Saints and Heretics: Religion in the Medieval World (H)
HIST 4413	Sex and Gender in the Medieval World (H)
MUSI 2573	Introduction to Music (H)
MUSI 3753	History of Music to 1600 (H)
MUSI 3763	History of Music from 1600-1800
MUSI 3873	History of Music from 1800-Present
PHIL 3113	Ancient Greek Philosophy (H)
PHIL 3213	17th and 18th Century Philosophy (H)
PHIL 3313	19th and 20th Century Philosophy (H)
PHIL 3523	Medieval Philosophy (H)
PHIL 3743	Science and Human Values (H)
PHIL 3913	Existentialism (H)
PHIL 4113	Philosophy and the Arts (H)
POLS 2113	Introduction to Comparative Politics (IS)
POLS 3143	European Politics (I)
POLS 3663	Introduction to Political Thought
RUSS 3113	Russian Conversation
RUSS 3223	Russian Composition
SOC 3113	Theoretical Thinking in Sociology
SOC 3133	Racial and Ethnic Relations (DS)
SOC 4383	Social Stratification (S)
SOC 4643	Sociology of Gender (S)

SPAN 4123	Hispanic Poetry
SPAN 4133	Hispanic Prose
SPAN 4163	Don Quijote
SPAN 4173	Hispanic Drama
SPAN 4223	Contemporary Hispanic Literature
SPAN 4253	Masterpieces of Hispanic Literature I
SPAN 4263	Masterpieces of Hispanic Literature II
SPAN 4323	Spanish Peninsular Civilization
TH 3923	World Theatre History Before 1800 (H)
TH 3933	World Theatre History After 1800 (H)

**Total Hours** **21**

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All courses marked with a <sup>1</sup> are variable-topic courses and may count toward the minor when topic appropriate. Prior approval from faculty coordinator is required.

## Other Requirements

- No grade below "C."
- 2.5 GPA in minor.

## Additional OSU Requirements

### Undergraduate Minors

- An undergraduate minor must include between fifteen and thirty hours, inclusive of undergraduate coursework.
- A minimum of six credit hours for the minor must be earned in residence at OSU.
- The courses required for a minor may be included in the course requirements for any undergraduate degree or they may be in addition to degree requirements, depending on the overlap between the minor and degree requirements. However, an undergraduate minor must be earned in an academic field other than the student's declared degree option. The minor may not duplicate the degree major or option (for example, a student who earns a BA in Art with an Art History option may earn a minor in Studio Art but not Art History).
- A student generally follows the minor requirements associated with his or her matriculation year or newer requirements that have been established since matriculation. The time limit for following requirements from a given academic year is six years.

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## Hispanic and Latin American Studies (HLAS), Minor

**Requirements for Students Matriculating in or before Academic Year 2022-2023.** Learn more about University Academic Regulation 3.1 (p. 943).

Anthony Valentine, 213 LSE, 405-744-5658

**Minimum Grade Point Average in Minor Coursework:** 2.00

**Total Hours:** 23

Code	Title	Hours
<b>Minor Requirements</b>		
Select a minimum of one 2000-level SPAN course (or equivalent proficiency in Portuguese)		
Select 18 hours from at least three disciplinary areas:		
ANTH 3443	Peoples of Mesoamerica (IS)	
ANTH 4223	The Aztec Empire (H)	
ARCH 3083	History and Theory of Renaissance and Baroque Architecture (H)	
ART 3633	History of Baroque Art (H)	
GEOG 3743	Latin America (IS)	
LL 3103	Hispanic Literature in Translation (H)	
HIST 3243	Renaissance, 1350-1517 (H)	
HIST 3453	Colonial Latin America (H)	
HIST 3463	Modern Latin America (HI)	
POLS 3193	Latin American Politics (IS)	
POLS 4053	War And World Politics (I)	
SPAN 3163	Survey of Peninsular Literature I	
SPAN 3173	Survey of Peninsular Literature II	
SPAN 3183	Latin American Survey I	
SPAN 4123	Hispanic Poetry	
SPAN 4133	Hispanic Prose	
SPAN 4163	Don Quijote	
SPAN 4253	Masterpieces of Hispanic Literature I	
SPAN 4263	Masterpieces of Hispanic Literature II	
SPAN 4323	Spanish Peninsular Civilization	
SPAN 4333	Latin American Civilization	
SPAN 4550	Seminar in Spanish <sup>1</sup>	
SPAN 5110	Advanced Hispanic Studies <sup>1</sup>	

<sup>1</sup>

All courses marked with a <sup>1</sup> are variable-topic courses and may count toward the minor when topic appropriate. Prior approval from faculty coordinator is required.

## Additional OSU Requirements

### Undergraduate Minors

- An undergraduate minor must include between fifteen and thirty hours, inclusive of undergraduate coursework.
- A minimum of six credit hours for the minor must be earned in residence at OSU.
- The courses required for a minor may be included in the course requirements for any undergraduate degree or they may be in addition to degree requirements, depending on the overlap between the minor

and degree requirements. However, an undergraduate minor must be earned in an academic field other than the student's declared degree option. The minor may not duplicate the degree major or option (for example, a student who earns a BA in Art with an Art History option may earn a minor in Studio Art but not Art History).

- A student generally follows the minor requirements associated with his or her matriculation year or newer requirements that have been established since matriculation. The time limit for following requirements from a given academic year is six years.

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## Middle East Studies (MES), Minor

**Requirements for Students Matriculating in or before Academic Year 2022-2023.** Learn more about University Academic Regulation 3.1 (p. 943).

Anthony Valentine, 213 LSE, 405-744-5658

**Minimum Grade Point Average in Minor Coursework:** 2.50 with no grade below "C."

**Total Hours:** 22

Code	Title	Hours
<b>Minor Requirements</b>		
Select 10 hours of college-level language instruction in Arabic, Farsi, modern Hebrew or Turkish		10
Select 12 hours in at least two separate disciplines of the following:		12
AMST/ENGL 3813	Readings in the American Experience (DH)	
AMST 3950	Special Topics in American Studies (DH) (Global Islam)	
ARCH 4273	History and Theory of Islamic Architecture	
GEOG 3783	The Middle East (IS)	
HIST 3543	Israel & Palestine in Modern Times (HI)	
REL 4113	The World of Islam: Cultural Perspectives (HI)	
REL 4213	Understanding Global Islam (HI)	
SOC 4653	Gender and the Middle East (IS)	
<b>Total Hours</b>		<b>22</b>

## Additional OSU Requirements

### Undergraduate Minors

- An undergraduate minor must include between fifteen and thirty hours, inclusive of undergraduate coursework.
- A minimum of six credit hours for the minor must be earned in residence at OSU.
- The courses required for a minor may be included in the course requirements for any undergraduate degree or they may be in addition to degree requirements, depending on the overlap between the minor and degree requirements. However, an undergraduate minor must be earned in an academic field other than the student's declared degree option. The minor may not duplicate the degree major or option (for example, a student who earns a BA in Art with an Art History option may earn a minor in Studio Art but not Art History).
- A student generally follows the minor requirements associated with his or her matriculation year or newer requirements that have been established since matriculation. The time limit for following requirements from a given academic year is six years.

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## Russian and East European Studies (REES), Minor

**Requirements for Students Matriculating in or before Academic Year 2022-2023.** Learn more about University Academic Regulation 3.1 (p. 943).

Anthony Valentine, 213 LSE, 405-744-5658

**Minimum Grade Point Average in Minor Coursework:** 2.00

**Total Hours:** 23

Code	Title	Hours
<b>Minor Requirements</b>		
Select a minimum of one 2000-level RUSS course (or equivalent proficiency)		
Select 15 hours from a least three disciplinary areas of the following:		15
GEOG 3723	Europe (IS)	
GEOG 3733	Russia and Its Neighbors (IS)	
HIST 3153	Russia to 1861 (H)	
HIST 3163	Russia Since 1861 (HI)	
HIST 4563	Cold War (HI)	
POLS 3123	Russian & Eurasian Politics (I)	
POLS 4053	War And World Politics (I)	
RUSS 3123	Understanding Russia (H)	
RUSS 4113	Russian Literature in Translation I (H)	
RUSS 4123	Russian Literature in Translation II	

## Additional OSU Requirements

### Undergraduate Minors

- An undergraduate minor must include between fifteen and thirty hours, inclusive of undergraduate coursework.
- A minimum of six credit hours for the minor must be earned in residence at OSU.
- The courses required for a minor may be included in the course requirements for any undergraduate degree or they may be in addition to degree requirements, depending on the overlap between the minor and degree requirements. However, an undergraduate minor must be earned in an academic field other than the student's declared degree option. The minor may not duplicate the degree major or option (for example, a student who earns a BA in Art with an Art History option may earn a minor in Studio Art but not Art History).
- A student generally follows the minor requirements associated with his or her matriculation year or newer requirements that have been established since matriculation. The time limit for following requirements from a given academic year is six years.

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## Multidisciplinary Studies

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Multidisciplinary Studies degrees meet the needs of students who desire greater breadth in the major than typical degrees allow. By combining coursework across several disciplines, students tailor their curriculum to unique academic and career goals. Some areas of concentration are available through online coursework - see <http://cas.okstate.edu> for more details. To ensure coherence among courses selected across disciplines, a three-semester-hour senior project is required as a part of the major.

### Undergraduate Programs

- Multidisciplinary Studies, BA (p. 1526)
- Multidisciplinary Studies, BS (p. 1529)
- Multidisciplinary Studies: Business Essentials, BA (p. 1532)
- Multidisciplinary Studies: Business Essentials, BS (p. 1535)
- Multidisciplinary Studies: Pre-Law, BA (p. 1538)
- Multidisciplinary Studies: Pre-Law, BS (p. 1541)

### Faculty

Thomas A. Wikle, PhD—Director

## Multidisciplinary Studies, BA

### Degree Requirements

**Requirements for Students Matriculating in or before Academic Year 2022-2023.** Learn more about University Academic Regulation 3.1 (p. 943).

**Minimum Overall Grade Point Average:** 2.00

**Total Hours:** 120

Code	Title	Hours
<b>General Education Requirements</b>		
<i>English Composition</i>		
See Academic Regulation 3.5 (p. 944)		
ENGL 1113	Composition I	3
or ENGL 1313	Critical Analysis and Writing I	
Select one of the following:		3
ENGL 1213	Composition II	
ENGL 1413	Critical Analysis and Writing II	
ENGL 3323	Technical Writing	
<i>American History &amp; Government</i>		
HIST 1103	Survey of American History	3
or HIST 1483	American History to 1865 (H)	
or HIST 1493	American History Since 1865 (DH)	
POLS 1113	American Government	3
<i>Analytical &amp; Quantitative Thought (A)</i>		
MATH or STAT course designated (A)		3
<i>Humanities (H)</i>		
Courses designated (H)		6
<i>Natural Sciences (N)</i>		
Must include one Laboratory Science (L) course		
Courses designated (N)		6
<i>Social &amp; Behavioral Sciences (S)</i>		
Course designated (S)		3
<i>Additional General Education</i>		
Courses designated (A), (H), (N), or (S)		10
<b>Hours Subtotal</b>		<b>40</b>
<b>Diversity (D) &amp; International Dimension (I)</b>		
May be completed in any part of the degree plan		
Select at least one Diversity (D) course		
Select at least one International Dimension (I) course		
<b>College/Departmental Requirements</b>		
<i>First Year Seminar</i>		
(Transfer students with 15 hours exempt)		1
<i>Arts &amp; Humanities</i>		
See note 2.a.		9
<i>Natural &amp; Mathematical Sciences</i>		
See note 2.b.		3
<i>Foreign Language</i>		
See note 3		9
<i>Non-Western Studies</i>		
At least one course		
See note 2.d.		

#### Upper-Division General Education

Select 6 hours outside major department

See note 2.c.

**Hours Subtotal** **22**

#### Major Requirements

Minimum GPA 2.00. No more than 9 hours may be lower-division.

A&S 4013	Multidisciplinary Studies Capstone (or 3-hour capstone in the primary discipline approved by advisor)	3
or AMST 4973	Senior Seminar in American Studies	

15 hours from one of the following disciplines. Minimum GPA 2.00 for all courses in this primary discipline.

AMIS, AMST, ANTH, ART, BIOL, CS, CHEM, ECON, ENGL, FLL (including ASL, FREN, GREK, GRMN, LATN, RUSS, SPAN), GEOG, GEOL, GWST, HIST, MATH, MUSI, PBIO, PHIL, PHYS, POLS, PSYC, REL, SOC, SPCH, STAT, TH

12 hours from a second discipline or area of concentration (approved by advisor)

10 additional hours

**Hours Subtotal** **40**

#### Electives

Select 18 hours

May need to include 6 hours upper-division general education outside major department (see note 2.c.). May need to include 9 additional upper-division hours.

**Hours Subtotal** **18**

**Total Hours** **120**

### Other Requirements

- See the College of Arts and Sciences Requirements.
- **Upper-Division Credit:** Total hours must include at least 40 hours in courses numbered 3000 or above.
- **Hours in One Department:** For B.A. and B.S. degrees, no more than 54 hours in one department may be applied to degree requirements.

### College of Arts and Sciences Requirements

#### 1. General Education Requirements

No more than two courses (or eight hours) from the major department (<http://catalog.okstate.edu/college-arts-sciences-major-departments/>) may be used to meet General Education and College and Departmental Requirements. The General Education required English Composition, required U.S. History, required American Government, one required MATH or STAT course, and required foreign language for B.A. degrees do not count against the two-course maximum.

#### 2. A&S College/Departmental Requirements

- Arts and Humanities are defined as any course carrying an (H) designation or courses from AMST, ART, DANC, ENGL (except ENGL 3323 Technical Writing) HIST, MUSI, PHIL (except PHIL 1313 Logic and Critical Thinking (A), PHIL 3003 Symbolic Logic (A) and PHIL 4003 Mathematical Logic and Computability), REL, TH, and foreign languages.
- Natural and Mathematical Sciences are defined as any course from the following prefixes: ASTR, BIOC, BIOL, CHEM, CS (except CS 4883 Social Issues in Computing), GEOL, MATH, MICR, PBIO,

PHYS, and STAT; or courses from other departments that carry an (A) or (N) general education designation.

- c. The required six hours of upper-division General Education may not include courses from the student's major department. This requirement may be satisfied by courses also used to satisfy any part of a student's degree program (i.e., in General Education, College Departmental Requirements, Major Requirements or Electives).
- d. Non-Western Studies Requirement for B.A. and B.F.A.; One 3-hour course in Non-Western Studies (N.W.). This requirement may be satisfied by courses also used to satisfy any part of a student's degree program (i.e., in General Education, College Departmental Requirements, Major Requirements or Electives).
- e. The College of Arts & Sciences requires a minimum 2.0 GPA in all major requirements and a minimum 2.0 GPA in all major-prefix courses applied to the degree.

### 3. Foreign Language Proficiency

- a. The foreign language requirement for the B.A. may be satisfied by 9 hours college credit in the same language, which must include 3 hours at the 2000-level, or equivalent proficiency (e.g., passing an advanced standing examination; TOEFL exam; presenting a high school transcript which demonstrates the high school was primarily conducted in a language other than English; etc.). Computer Science courses may not be used to satisfy this requirement. Currently Arabic and Mvskoke are not offered at the 2000-level at OSU.
- b. The foreign language requirement for the B.S., B.M. and B.F.A. may be satisfied by presenting a high school transcript which demonstrates two years of study of a single foreign language (passing grades at second-year level of study). It may also be satisfied by 6 hours college credit in the same language, which must include language courses 1713 and 1813, or equivalent proficiency (e.g., passing an advanced standing examination; TOEFL exam; presenting a high school transcript which demonstrates the high school was primarily conducted in a language other than English; etc.). Computer Science courses may not be used to satisfy this requirement.
- c. In addition to a. and b., students pursuing teacher certification must meet novice-high foreign language proficiency by presenting a high school transcript which demonstrates two years of study of a single foreign language with no grade below B. Or, students may complete 3 hours college credit in a single language with no grade below C (or pass an advanced standing examination, College Level Examination Program (CLEP) exam, or Oral Proficiency Interview developed by the American Council on the Teaching of Foreign Languages, equivalent to 3 hours of college credit.) Or, students may meet the requirement by transfer of documentation of meeting the foreign language competency from one of the teacher education programs in the State of Oklahoma approved by the Oklahoma State Regents for Higher Education.

### 4. Exclusions

- a. Courses used to satisfy the General Education English Composition, U.S. History, American Government, and Mathematics or Statistics requirements will not count toward the 54-hour maximum allowed from one department.
- b. Courses with ATHL or LEIS prefixes and leisure activity courses may not be used for degree credit.

## Additional State/OSU Requirements

- At least: 60 hours at a four-year institution; 30 hours completed at OSU; 15 of the final 30 or 50% of the upper-division hours in the major field completed at OSU.
- Limit of: one-half of major course requirements as transfer work; one-fourth of hours earned by correspondence; 8 transfer correspondence hours.
- Students will be held responsible for degree requirements in effect at the time of matriculation and any changes that are made, so long as these changes do not result in semester credit hours being added or do not delay graduation.
- Degrees that follow this plan must be completed by the end of Summer 2028.

## Example Plan of Study

### Finish in Four Plan of Study

The plan below is an example of how students can successfully complete degree requirements in four years. This suggested class schedule plan may be used as a guide and can be adjusted based on individual needs. Students are required to meet with an academic advisor prior to enrollment each semester to plan their class schedule, and students are ultimately responsible for completing all degree requirements.

Course	Title	Hours
<b>Freshman</b>		
<b>Fall</b>		
ENGL 1113	Composition I	3
HIST 1493 or HIST 1483 or HIST 1103	American History Since 1865 (DH) or American History to 1865 (H) or Survey of American History	3
MATH 1483 or MATH 1493 or MATH 1513	Mathematical Functions and Their Uses (A) or Applications of Modern Mathematics (A) or College Algebra (A)	3
General Education courses		5
<b>Hours</b>		<b>14</b>
<b>Spring</b>		
ENGL 1213	Composition II	3
POLS 1113	American Government	3
General Education courses		10
<b>Hours</b>		<b>16</b>
<b>Sophomore</b>		
<b>Fall</b>		
1713 First Semester Foreign Language		3
College and Elective courses		12
<b>Hours</b>		<b>15</b>
<b>Spring</b>		
1813 Second Semester Foreign Language		3
Major, College, and Elective courses		12
<b>Hours</b>		<b>15</b>
<b>Junior</b>		
<b>Fall</b>		
See program advisor.		
2000-level Foreign Language		3
Major, College, and Elective courses		12
<b>Hours</b>		<b>15</b>
<b>Spring</b>		
Major, College, and Elective courses		15
<b>Hours</b>		<b>15</b>

**Senior**

**Fall**

File capstone paperwork no later than pre-finals week.	
Major, College, and Elective courses	15
<b>Hours</b>	<b>15</b>

**Spring**

A&S 4013	Multidisciplinary Studies Capstone	3
Major, College, and Elective courses		12
<b>Hours</b>		<b>15</b>
<b>Total Hours</b>		<b>120</b>

# Multidisciplinary Studies, BS

## Degree Requirements

**Requirements for Students Matriculating in or before Academic Year 2022-2023.** Learn more about University Academic Regulation 3.1 (p. 943).

**Minimum Overall Grade Point Average:** 2.00

**Total Hours:** 120

Code	Title	Hours
<b>General Education Requirements</b>		
<i>English Composition</i>		
See Academic Regulation 3.5 (p. 944)		
ENGL 1113 or ENGL 1313	Composition I Critical Analysis and Writing I	3
Select one of the following:		
ENGL 1213	Composition II	3
ENGL 1413	Critical Analysis and Writing II	3
ENGL 3323	Technical Writing	3
<i>American History &amp; Government</i>		
HIST 1103 or HIST 1483 or HIST 1493	Survey of American History American History to 1865 (H) American History Since 1865 (DH)	3
POLS 1113	American Government	3
<i>Analytical &amp; Quantitative Thought (A)</i>		
MATH or STAT course designated (A)		3
<i>Humanities (H)</i>		
Courses designated (H)		6
<i>Natural Sciences (N)</i>		
Must include one Laboratory Science (L) course		
Courses designated (N)		6
<i>Social &amp; Behavioral Sciences (S)</i>		
Course designated (S)		3
<i>Additional General Education</i>		
Courses designated (A), (H), (N), or (S)		10
<b>Hours Subtotal</b>		<b>40</b>
<b>Diversity (D) &amp; International Dimension (I)</b>		
May be completed in any part of the degree plan		
Select at least one Diversity (D) course		
Select at least one International Dimension (I) course		
<b>College/Departmental Requirements</b>		
<i>First Year Seminar</i>		
(Transfer students with 15 hours exempt)		1
<i>Arts &amp; Humanities</i>		
See note 2.a.		3
<i>Natural &amp; Mathematical Sciences</i>		
See note 2.b.		9
<i>Foreign Language</i>		
See note 3		
0-6 hours		
<i>Upper-Division General Education</i>		
Select 6 hours outside major department		

See note 2.c.		
<b>Hours Subtotal</b>		<b>13</b>
<b>Major Requirements <sup>1</sup></b>		
Minimum GPA 2.00. No more than 9 hours may be lower-division.		
A&S 4013 or AMST 4973	Multidisciplinary Studies Capstone (or 3-hour capstone in the primary discipline approved by advisor) Senior Seminar in American Studies	3
15 hours from one of the following disciplines. Minimum GPA 2.00 for all courses in this primary discipline.		15
AMIS, AMST, ANTH, ART, BIOL, CS, CHEM, ECON, ENGL, FLL (including ASL, FREN, GREK, GRMN, LATN, RUSS, SPAN), GEOG, GEOL, GWST, HIST, MATH, MUSI, PBIO, PHIL, PHYS, POLS, PSYC, REL, SOC, SPCH, STAT, TH		
12 hours from a second discipline or area of concentration (approved by advisor) <sup>1</sup>		12
10 additional hours		10
<b>Hours Subtotal</b>		<b>40</b>
<b>Electives</b>		
Select 27 hours <sup>1</sup>		27
May need to include 6 hours of a foreign language. See note 3		
May need to include 6 hours upper-division general education outside major department (see note 2.c.). May need to include 9 additional upper-division hours.		
<b>Hours Subtotal</b>		<b>27</b>
<b>Total Hours</b>		<b>120</b>

<sup>1</sup>

With approval from the advisor and department head, a maximum of 30 hours from an accredited doctoral law or health program may be used for 9 of these 12 hours and 21 hours of electives.

## Other Requirements

- See the College of Arts and Sciences Requirements.
- **Upper-Division Credit:** Total hours must include at least 40 hours in courses numbered 3000 or above.
- **Hours in One Department:** For B.A. and B.S. degrees, no more than 54 hours in one department may be applied to degree requirements.

## College of Arts and Sciences Requirements

### 1. General Education Requirements

No more than two courses (or eight hours) from the major department (<http://catalog.okstate.edu/college-arts-sciences-major-departments/>) may be used to meet General Education and College and Departmental Requirements. The General Education required English Composition, required U.S. History, required American Government, one required MATH or STAT course, and required foreign language for B.A. degrees do not count against the two-course maximum.

### 2. A&S College/Departmental Requirements

- Arts and Humanities are defined as any course carrying an (H) designation or courses from AMST, ART, DANC, ENGL (except ENGL 3323 Technical Writing) HIST, MUSI, PHIL (except PHIL 1313 Logic and Critical Thinking (A), PHIL 3003 Symbolic



Logic (A) and PHIL 4003 Mathematical Logic and Computability), REL, TH, and foreign languages.

- b. Natural and Mathematical Sciences are defined as any course from the following prefixes: ASTR, BIOC, BIOL, CHEM, CS (except CS 4883 Social Issues in Computing), GEOL, MATH, MICR, PBIO, PHYS, and STAT; or courses from other departments that carry an (A) or (N) general education designation.
- c. The required six hours of upper-division General Education may not include courses from the student's major department. This requirement may be satisfied by courses also used to satisfy any part of a student's degree program (i.e., in General Education, College Departmental Requirements, Major Requirements or Electives).
- d. Non-Western Studies Requirement for B.A. and B.F.A.; One 3-hour course in Non-Western Studies (N.W.). This requirement may be satisfied by courses also used to satisfy any part of a student's degree program (i.e., in General Education, College Departmental Requirements, Major Requirements or Electives).
- e. The College of Arts & Sciences requires a minimum 2.0 GPA in all major requirements and a minimum 2.0 GPA in all major-prefix courses applied to the degree.

**3. Foreign Language Proficiency**

- a. The foreign language requirement for the B.A. may be satisfied by 9 hours college credit in the same language, which must include 3 hours at the 2000-level, or equivalent proficiency (e.g., passing an advanced standing examination; TOEFL exam; presenting a high school transcript which demonstrates the high school was primarily conducted in a language other than English; etc.). Computer Science courses may not be used to satisfy this requirement. Currently Arabic and Mvskoke are not offered at the 2000-level at OSU.
- b. The foreign language requirement for the B.S., B.M. and B.F.A. may be satisfied by presenting a high school transcript which demonstrates two years of study of a single foreign language (passing grades at second-year level of study). It may also be satisfied by 6 hours college credit in the same language, which must include language courses 1713 and 1813, or equivalent proficiency (e.g., passing an advanced standing examination; TOEFL exam; presenting a high school transcript which demonstrates the high school was primarily conducted in a language other than English; etc.). Computer Science courses may not be used to satisfy this requirement.
- c. In addition to a. and b., students pursuing teacher certification must meet novice-high foreign language proficiency by presenting a high school transcript which demonstrates two years of study of a single foreign language with no grade below B. Or, students may complete 3 hours college credit in a single language with no grade below C (or pass an advanced standing examination, College Level Examination Program (CLEP) exam, or Oral Proficiency Interview developed by the American Council on the Teaching of Foreign Languages, equivalent to 3 hours of college credit.) Or, students may meet the requirement by transfer of documentation of meeting the foreign language competency from one of the teacher education programs in the State of Oklahoma approved by the Oklahoma State Regents for Higher Education.

**4. Exclusions**

- a. Courses used to satisfy the General Education English Composition, U.S. History, American Government, and

Mathematics or Statistics requirements will not count toward the 54-hour maximum allowed from one department.

- b. Courses with ATHL or LEIS prefixes and leisure activity courses may not be used for degree credit.

## Additional State/OSU Requirements

- At least: 60 hours at a four-year institution; 30 hours completed at OSU; 15 of the final 30 or 50% of the upper-division hours in the major field completed at OSU.
- Limit of: one-half of major course requirements as transfer work; one-fourth of hours earned by correspondence; 8 transfer correspondence hours.
- Students will be held responsible for degree requirements in effect at the time of matriculation and any changes that are made, so long as these changes do not result in semester credit hours being added or do not delay graduation.
- Degrees that follow this plan must be completed by the end of Summer 2028.

## Example Plan of Study

### Finish in Four Plan of Study

The plan below is an example of how students can successfully complete degree requirements in four years. This suggested class schedule plan may be used as a guide and can be adjusted based on individual needs. Students are required to meet with an academic advisor prior to enrollment each semester to plan their class schedule, and students are ultimately responsible for completing all degree requirements.

Course	Title	Hours
<b>Freshman</b>		
<b>Fall</b>		
ENGL 1113	Composition I	3
HIST 1493 or HIST 1483 or HIST 1103	American History Since 1865 (DH) or American History to 1865 (H) or Survey of American History	3
MATH 1483 or MATH 1493 or MATH 1513	Mathematical Functions and Their Uses (A) or Applications of Modern Mathematics (A) or College Algebra (A)	3
General Education courses		7
<b>Hours</b>		<b>16</b>
<b>Spring</b>		
ENGL 1213	Composition II	3
POLS 1113	American Government	3
General Education courses		8
<b>Hours</b>		<b>14</b>
<b>Sophomore</b>		
<b>Fall</b>		
General Education courses		15
<b>Hours</b>		<b>15</b>
<b>Spring</b>		
Major, College, and Elective courses		15
<b>Hours</b>		<b>15</b>
<b>Junior</b>		
<b>Fall</b>		
See program advisor.		
Major, College, and Elective courses		15
<b>Hours</b>		<b>15</b>
<b>Spring</b>		
Major, College, and Elective courses		15
<b>Hours</b>		<b>15</b>

**Senior****Fall**

File capstone paperwork no later than pre-finals week.

Major, College, and Elective courses	15
<b>Hours</b>	<b>15</b>

**Spring**

A&S 4013	Multidisciplinary Studies Capstone	3
Major, College, and Elective courses		12
<b>Hours</b>		<b>15</b>
<b>Total Hours</b>		<b>120</b>

# Multidisciplinary Studies: Business Essentials, BA

## Degree Requirements

**Requirements for Students Matriculating in or before Academic Year 2022-2023.** Learn more about University Academic Regulation 3.1 (p. 943).

**Minimum Overall Grade Point Average: 2.00**

**Total Hours: 120**

Code	Title	Hours
<b>General Education Requirements</b>		
<i>English Composition</i>		
See Academic Regulation 3.5 (p. 944)		
ENGL 1113 or ENGL 1313	Composition I Critical Analysis and Writing I	3
ENGL 1213 or ENGL 1413 or ENGL 3323	Composition II Critical Analysis and Writing II Technical Writing	3
<i>American History &amp; Government</i>		
HIST 1103 or HIST 1483 or HIST 1493	Survey of American History American History to 1865 (H) American History Since 1865 (DH)	3
POLS 1113	American Government	3
<i>Analytical &amp; Quantitative Thought (A)</i>		
MATH 1483	Mathematical Functions and Their Uses (A) (or higher except MATH 1493)	3
<i>Humanities (H)</i>		
Courses designated (H)		6
<i>Natural Sciences (N)</i>		
Must include one Laboratory Science (L) course.		
Courses designated (N)		6
<i>Social &amp; Behavioral Sciences (S)</i>		
Course designated (S)		3
<i>Additional General Education</i>		
Courses designated (A), (H), (N), or (S)		10
<b>Hours Subtotal</b>		<b>40</b>
<b>Diversity (D) &amp; International Dimension (I)</b>		
May be completed in any part of the degree plan.		
At least one Diversity (D) course		
At least one International Dimension (I) course		
<b>College/Departmental Requirements</b>		
<i>First Year Seminar</i>		
(Transfer students with 15 hours exempt)		1
<i>Arts &amp; Humanities</i>		
(See note 2.a.)		9
<i>Natural &amp; Mathematical Sciences</i>		
(See note 2.b.)		3
<i>Foreign Language</i>		
(See note 3.)		9
<i>Non-Western Studies</i>		
At least one course		

(See note 2.d.)

*Upper-Division General Education*

6 hours outside major department

(See note 2.c.)

**Hours Subtotal** **22**

### Major Requirements

Minimum GPA 2.00. No more than 9 hours may be lower-division.

A&S 4013      Multidisciplinary Studies Capstone (or 3-hour capstone course in the primary discipline)      3

or AMST 4973      Senior Seminar in American Studies

15 hours from one of the following disciplines. Minimum GPA 2.00 for all courses in this primary discipline.      15

AMIS, AMST, ANTH/SOC, ART, BIOL, BOT/PBIO, CS, CHEM, ECON, ENGL, FLL (including ASL, FREN, GREK, GRMN, LATN, RUSS, SPAN), GEOG, GEOL, GWST, HIST, MATH, MICR, MUSI, PHIL, PHYS, POLS, PSYC, REL, SPCH, STAT, TH

12 hours from a second discipline or area of concentration      12

12 hours business essentials:

ACCT 2003      Survey of Accounting      3

MGMT 3013      Fundamentals of Management (S)      3

MKTG 3213      Marketing (S)      3

3 hours from:      3

ECON 2003      Microeconomic Principles for Business

EEE 2023      Introduction to Entrepreneurship

LSB 3213      Legal and Regulatory Environment of Business

MSIS 2103      Business Data Science Technologies

**Hours Subtotal** **42**

**Electives** **16**

May need to include 6 hours upper-division general education outside major department (see note 2.c.). May need to include 9 additional upper-division hours.

**Hours Subtotal** **16**

**Total Hours** **120**

## Other Requirements

- See the College of Arts and Sciences Requirements
- **Upper-Division Credit:** Total hours must include at least 40 hours in courses numbered 3000 or above.
- **Hours in One Department:** For B.A. and B.S. degrees, no more than 54 hours in one department may be applied to degree requirements.

## College of Arts and Sciences Requirements

### 1. General Education Requirements

No more than two courses (or eight hours) from the major department (<http://catalog.okstate.edu/college-arts-sciences-major-departments/>) may be used to meet General Education and College and Departmental Requirements. The General Education required English Composition, required U.S. History, required American Government, one required MATH or STAT course, and required foreign language for B.A. degrees do not count against the two-course maximum.

### 2. A&S College/Departmental Requirements

- a. Arts and Humanities are defined as any course carrying an (H) designation or courses from AMST, ART, DANC, ENGL (except ENGL 3323 Technical Writing) HIST, MUSI, PHIL (except PHIL 1313 Logic and Critical Thinking (A), PHIL 3003 Symbolic Logic (A) and PHIL 4003 Mathematical Logic and Computability), REL, TH, and foreign languages.
- b. Natural and Mathematical Sciences are defined as any course from the following prefixes: ASTR, BIOC, BIOL, CHEM, CS (except CS 4883 Social Issues in Computing), GEOL, MATH, MICR, PBIO, PHYS, and STAT; or courses from other departments that carry an (A) or (N) general education designation.
- c. The required six hours of upper-division General Education may not include courses from the student's major department. This requirement may be satisfied by courses also used to satisfy any part of a student's degree program (i.e., in General Education, College Departmental Requirements, Major Requirements or Electives).
- d. Non-Western Studies Requirement for B.A. and B.F.A.; One 3-hour course in Non-Western Studies (N.W.). This requirement may be satisfied by courses also used to satisfy any part of a student's degree program (i.e., in General Education, College Departmental Requirements, Major Requirements or Electives).
- e. The College of Arts & Sciences requires a minimum 2.0 GPA in all major requirements and a minimum 2.0 GPA in all major-prefix courses applied to the degree.

### 3. Foreign Language Proficiency

- a. The foreign language requirement for the B.A. may be satisfied by 9 hours college credit in the same language, which must include 3 hours at the 2000-level, or equivalent proficiency (e.g., passing an advanced standing examination; TOEFL exam; presenting a high school transcript which demonstrates the high school was primarily conducted in a language other than English; etc.). Computer Science courses may not be used to satisfy this requirement. Currently Arabic and Mvskoke are not offered at the 2000-level at OSU.
- b. The foreign language requirement for the B.S., B.M. and B.F.A. may be satisfied by presenting a high school transcript which demonstrates two years of study of a single foreign language (passing grades at second-year level of study). It may also be satisfied by 6 hours college credit in the same language, which must include language courses 1713 and 1813, or equivalent proficiency (e.g., passing an advanced standing examination; TOEFL exam; presenting a high school transcript which demonstrates the high school was primarily conducted in a language other than English; etc.). Computer Science courses may not be used to satisfy this requirement.
- c. In addition to a. and b., students pursuing teacher certification must meet novice-high foreign language proficiency by presenting a high school transcript which demonstrates two years of study of a single foreign language with no grade below B. Or, students may complete 3 hours college credit in a single language with no grade below C (or pass an advanced standing examination, College Level Examination Program (CLEP) exam, or Oral Proficiency Interview developed by the American Council on the Teaching of Foreign Languages, equivalent to 3 hours of college credit.) Or, students may meet the requirement by transfer of documentation of meeting the foreign language competency from one of the teacher education programs in the State of Oklahoma approved by the Oklahoma State Regents for Higher Education.

### 4. Exclusions

- a. Courses used to satisfy the General Education English Composition, U.S. History, American Government, and Mathematics or Statistics requirements will not count toward the 54-hour maximum allowed from one department.
- b. Courses with ATHL or LEIS prefixes and leisure activity courses may not be used for degree credit.

## Additional State/OSU Requirements

- At least: 60 hours at a four-year institution; 30 hours completed at OSU; 15 of the final 30 or 50% of the upper-division hours in the major field completed at OSU.
- Limit of: one-half of major course requirements as transfer work; one-fourth of hours earned by correspondence; 8 transfer correspondence hours.
- Students will be held responsible for degree requirements in effect at the time of matriculation and any changes that are made, so long as these changes do not result in semester credit hours being added or do not delay graduation.
- Degrees that follow this plan must be completed by the end of Summer 2028.

## Example Plan of Study

### Finish in Four Plan of Study

The plan below is an **example** of how students can successfully complete degree requirements in four years. This suggested class schedule plan may be used as a guide and can be adjusted based on individual needs. Students are required to meet with an academic advisor prior to enrollment each semester to plan their class schedule, and students are ultimately responsible for completing all degree requirements.

Course	Title	Hours
<b>Freshman</b>		
<b>Fall</b>		
ENGL 1113	Composition I	3
HIST 1493 or HIST 1483 or HIST 1103	American History Since 1865 (DH) or American History to 1865 (H) or Survey of American History	3
MATH 1483 or MATH 1493 or MATH 1513	Mathematical Functions and Their Uses (A) or Applications of Modern Mathematics (A) or College Algebra (A)	3
General Education courses		5
<b>Hours</b>		<b>14</b>
<b>Spring</b>		
ENGL 1213	Composition II	3
POLS 1113	American Government	3
General Education courses		10
<b>Hours</b>		<b>16</b>
<b>Sophomore</b>		
<b>Fall</b>		
1713 First Semester Foreign Language		3
College and Elective courses		12
<b>Hours</b>		<b>15</b>
<b>Spring</b>		
1813 Second Semester Foreign Language		3
Major, College, and Elective courses		12
<b>Hours</b>		<b>15</b>
<b>Junior</b>		
<b>Fall</b>		
See program advisor.		

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2000-level Foreign Language	3
Major, College, and Elective courses	12
<b>Hours</b>	<b>15</b>
<b>Spring</b>	
Major, College, and Elective courses	15
<b>Hours</b>	<b>15</b>
<b>Senior</b>	
<b>Fall</b>	
File capstone paperwork no later than pre-finals week.	
Major, College, and Elective courses	15
<b>Hours</b>	<b>15</b>
<b>Spring</b>	
A&S 4013                      Multidisciplinary Studies Capstone	3
Major, College, and Elective courses	12
<b>Hours</b>	<b>15</b>
<b>Total Hours</b>	<b>120</b>

# Multidisciplinary Studies: Business Essentials, BS

## Degree Requirements

**Requirements for Students Matriculating in or before Academic Year 2022-2023.** Learn more about University Academic Regulation 3.1 (p. 943).

**Minimum Overall Grade Point Average: 2.00**

**Total Hours: 120**

Code	Title	Hours
<b>General Education Requirements</b>		
<i>English Composition</i>		
See Academic Regulation 3.5 (p. 944)		
ENGL 1113 or ENGL 1313	Composition I Critical Analysis and Writing I	3
ENGL 1213 or ENGL 1413 or ENGL 3323	Composition II Critical Analysis and Writing II Technical Writing	3
<i>American History &amp; Government</i>		
HIST 1103 or HIST 1483 or HIST 1493	Survey of American History American History to 1865 (H) American History Since 1865 (DH)	3
POLS 1113	American Government	3
<i>Analytical &amp; Quantitative Thought (A)</i>		
MATH 1483	Mathematical Functions and Their Uses (A) (or higher - except MATH 1493)	3
<i>Humanities (H)</i>		
Courses designated (H)		6
<i>Natural Sciences (N)</i>		
Must include one Laboratory Science (L) course.		
Courses designated (N)		6
<i>Social &amp; Behavioral Sciences (S)</i>		
Course designated (S)		3
<i>Additional General Education</i>		
Courses designated (A), (H), (N), or (S)		10
<b>Hours Subtotal</b>		<b>40</b>
<b>Diversity (D) &amp; International Dimension (I)</b>		
May be completed in any part of the degree plan.		
At least one Diversity (D) course		
At least one International Dimension (I) course		
<b>College/Departmental Requirements</b>		
First Year Seminar		
(Transfer students with 15 hours exempt)		1
Arts & Humanities		
(See note 2.a.)		3
Natural & Mathematical Sciences		
(See note 2.b.)		9
Foreign Languages		
(See note 3.)		
0-6 hours		
<i>Upper-Division General Education</i>		

6 hours outside major department		
(See note 2.c.)		
<b>Hours Subtotal</b>		<b>13</b>
<b>Major Requirements</b>		
Minimum GPA 2.00. No more than 9 hours may be lower-division.		
A&S 4013	Multidisciplinary Studies Capstone (or 3-hour capstone course in the primary discipline) or AMST 4973 Senior Seminar in American Studies	3
15 hours from one of the following disciplines. Minimum GPA 2.00 for all courses in this primary discipline.		15
AMIS, AMST, ANTH, ART, BIOL, CS, CHEM, ECON, ENGL, FLL (including ASL, FREN, GREK, GRMN, LATN, RUSS, SPAN), GEOG, GEOL, GWST, HIST, MATH, MUSI, PBIO, PHIL, PHYS, POLS, PSYC, REL, SOC, SPCH, STAT, TH		
12 hours from a second discipline or area of concentration		12
12 hours business essentials:		
ACCT 2003	Survey of Accounting	3
MGMT 3013	Fundamentals of Management (S)	3
MKTG 3213	Marketing (S)	3
3 hours from:		3
ECON 2003	Microeconomic Principles for Business	
EEE 2023	Introduction to Entrepreneurship	
LSB 3213	Legal and Regulatory Environment of Business	
MSIS 2103	Business Data Science Technologies	
<b>Hours Subtotal</b>		<b>42</b>
<b>Electives</b>		<b>25</b>
May need to include 6 hours of a foreign language. See note 3.		
May need to include 6 hours upper-division general education outside major department (see note 2.c.). May need to include 9 additional upper-division hours.		
<b>Hours Subtotal</b>		<b>25</b>
<b>Total Hours</b>		<b>120</b>

## Other Requirements

- See the College of Arts and Sciences Requirements
- **Upper-Division Credit:** Total hours must include at least 40 hours in courses numbered 3000 or above.
- **Hours in One Department:** For B.A. and B.S. degrees, no more than 54 hours in one department may be applied to degree requirements.

## College of Arts and Sciences Requirements

### 1. General Education Requirements

No more than two courses (or eight hours) from the major department (<http://catalog.okstate.edu/college-arts-sciences-major-departments/>) may be used to meet General Education and College and Departmental Requirements. The General Education required English Composition, required U.S. History, required American Government, one required MATH or STAT course, and required foreign language for B.A. degrees do not count against the two-course maximum.

### 2. A&S College/Departmental Requirements



- a. Arts and Humanities are defined as any course carrying an (H) designation or courses from AMST, ART, DANC, ENGL (except ENGL 3323 Technical Writing) HIST, MUSI, PHIL (except PHIL 1313 Logic and Critical Thinking (A), PHIL 3003 Symbolic Logic (A) and PHIL 4003 Mathematical Logic and Computability), REL, TH, and foreign languages.
- b. Natural and Mathematical Sciences are defined as any course from the following prefixes: ASTR, BIOC, BIOL, CHEM, CS (except CS 4883 Social Issues in Computing), GEOL, MATH, MICR, PBIO, PHYS, and STAT; or courses from other departments that carry an (A) or (N) general education designation.
- c. The required six hours of upper-division General Education may not include courses from the student's major department. This requirement may be satisfied by courses also used to satisfy any part of a student's degree program (i.e., in General Education, College Departmental Requirements, Major Requirements or Electives).
- d. Non-Western Studies Requirement for B.A. and B.F.A.; One 3-hour course in Non-Western Studies (N.W.). This requirement may be satisfied by courses also used to satisfy any part of a student's degree program (i.e., in General Education, College Departmental Requirements, Major Requirements or Electives).
- e. The College of Arts & Sciences requires a minimum 2.0 GPA in all major requirements and a minimum 2.0 GPA in all major-prefix courses applied to the degree.

**3. Foreign Language Proficiency**

- a. The foreign language requirement for the B.A. may be satisfied by 9 hours college credit in the same language, which must include 3 hours at the 2000-level, or equivalent proficiency (e.g., passing an advanced standing examination; TOEFL exam; presenting a high school transcript which demonstrates the high school was primarily conducted in a language other than English; etc.). Computer Science courses may not be used to satisfy this requirement. Currently Arabic and Mvskoke are not offered at the 2000-level at OSU.
- b. The foreign language requirement for the B.S., B.M. and B.F.A. may be satisfied by presenting a high school transcript which demonstrates two years of study of a single foreign language (passing grades at second-year level of study). It may also be satisfied by 6 hours college credit in the same language, which must include language courses 1713 and 1813, or equivalent proficiency (e.g., passing an advanced standing examination; TOEFL exam; presenting a high school transcript which demonstrates the high school was primarily conducted in a language other than English; etc.). Computer Science courses may not be used to satisfy this requirement.
- c. In addition to a. and b., students pursuing teacher certification must meet novice-high foreign language proficiency by presenting a high school transcript which demonstrates two years of study of a single foreign language with no grade below B. Or, students may complete 3 hours college credit in a single language with no grade below C (or pass an advanced standing examination, College Level Examination Program (CLEP) exam, or Oral Proficiency Interview developed by the American Council on the Teaching of Foreign Languages, equivalent to 3 hours of college credit.) Or, students may meet the requirement by transfer of documentation of meeting the foreign language competency from one of the teacher education programs in the State of Oklahoma approved by the Oklahoma State Regents for Higher Education.

**4. Exclusions**

- a. Courses used to satisfy the General Education English Composition, U.S. History, American Government, and Mathematics or Statistics requirements will not count toward the 54-hour maximum allowed from one department.
- b. Courses with ATHL or LEIS prefixes and leisure activity courses may not be used for degree credit.

## Additional State/OSU Requirements

- At least: 60 hours at a four-year institution; 30 hours completed at OSU; 15 of the final 30 or 50% of the upper-division hours in the major field completed at OSU.
- Limit of: one-half of major course requirements as transfer work; one-fourth of hours earned by correspondence; 8 transfer correspondence hours.
- Students will be held responsible for degree requirements in effect at the time of matriculation and any changes that are made, so long as these changes do not result in semester credit hours being added or do not delay graduation.
- Degrees that follow this plan must be completed by the end of Summer 2028.

## Example Plan of Study

### Finish in Four Plan of Study

The plan below is an **example** of how students can successfully complete degree requirements in four years. This suggested class schedule plan may be used as a guide and can be adjusted based on individual needs. Students are required to meet with an academic advisor prior to enrollment each semester to plan their class schedule, and students are ultimately responsible for completing all degree requirements.

Course	Title	Hours
<b>Freshman</b>		
<b>Fall</b>		
ENGL 1113	Composition I	3
HIST 1493 or HIST 1483 or HIST 1103	American History Since 1865 (DH) or American History to 1865 (H) or Survey of American History	3
MATH 1483 or MATH 1493 or MATH 1513	Mathematical Functions and Their Uses (A) or Applications of Modern Mathematics (A) or College Algebra (A)	3
General Education courses		7
<b>Hours</b>		<b>16</b>
<b>Spring</b>		
ENGL 1213	Composition II	3
POLS 1113	American Government	3
General Education courses		8
<b>Hours</b>		<b>14</b>
<b>Sophomore</b>		
<b>Fall</b>		
General Education courses		15
<b>Hours</b>		<b>15</b>
<b>Spring</b>		
Major, College, and Elective courses		15
<b>Hours</b>		<b>15</b>
<b>Junior</b>		
<b>Fall</b>		
See program advisor.		
Major, College, and Elective courses		15
<b>Hours</b>		<b>15</b>

<b>Spring</b>		
Major, College, and Elective courses		15
	<b>Hours</b>	<b>15</b>
<b>Senior</b>		
<b>Fall</b>		
File capstone paperwork no later than pre-finals week.		
Major, College, and Elective courses		15
	<b>Hours</b>	<b>15</b>
<b>Spring</b>		
A&S 4013	Multidisciplinary Studies Capstone	3
Major, College, and Elective courses		12
	<b>Hours</b>	<b>15</b>
	<b>Total Hours</b>	<b>120</b>

# Multidisciplinary Studies: Pre-Law, BA

## Degree Requirements

**Requirements for Students Matriculating in or before Academic Year 2022-2023.** Learn more about University Academic Regulation 3.1 (p. 943).

**Minimum Overall Grade Point Average: 2.00**

**Total Hours: 120**

Code	Title	Hours
<b>General Education Requirements</b>		
<i>English Composition</i>		
See Academic Regulation 3.5 (p. 944)		
ENGL 1113 or ENGL 1313	Composition I Critical Analysis and Writing I	3
Select one of the following:		3
ENGL 1213	Composition II	
ENGL 1413	Critical Analysis and Writing II	
ENGL 3323	Technical Writing	
<i>American History &amp; Government</i>		
HIST 1103 or HIST 1483 or HIST 1493	Survey of American History American History to 1865 (H) American History Since 1865 (DH)	3
POLS 1113	American Government	3
<i>Analytical &amp; Quantitative Thought (A)</i>		
MATH or STAT course designated (A)		3
PHIL 1313	Logic and Critical Thinking (A)	3
<i>Humanities (H)</i>		
Courses designated (H)		6
<i>Natural Sciences (N)</i>		
Must include one Laboratory Science (L) course		
Courses designated (N) with one (L)		6
<i>Social &amp; Behavioral Sciences (S)</i>		
Course designated (S)		3
<i>Additional General Education</i>		
Courses designated (A), (H), (N), or (S)		7
<b>Hours Subtotal</b>		<b>40</b>
<b>Diversity (D) &amp; International Dimension (I)</b>		
May be completed in any part of the degree plan		
Select at least one Diversity (D) course		
Select at least one International Dimension (I) course		
<b>College/Departmental Requirements</b>		
<i>First Year Seminar</i>		
(Transfer students with 15 hours exempt)		1
<i>Arts &amp; Humanities</i>		
See note 2.a.		9
<i>Natural &amp; Mathematical Sciences</i>		
See note 2.b.		3
<i>Foreign Language</i>		
See note 3		9
<i>Non-Western Studies</i>		

At least one course

See note 2.d.

*Upper-Division General Education*

Select 6 hours outside major department

See note 2.c.

**Hours Subtotal** **22**

### Major Requirements

Minimum GPA 2.00. No more than 9 hours may be lower-division.

A&S 4013      Multidisciplinary Studies Capstone (or 3-hour capstone course in the primary discipline approved by advisor)      3

or AMST 4973      Senior Seminar in American Studies

15 hours from one of the following disciplines. Minimum GPA 2.00 for all courses in this primary discipline.      15

AMIS, AMST, ANTH, ART, BIOL, CS, CHEM, ECON, ENGL, FLL (including ASL, FREN, GREK, GRMN, LATN, RUSS, SPAN), GEOG, GEOL, GWST, HIST, MATH, MUSI, PBIO, PHIL, PHYS, POLS, PSYC, REL, SOC, SPCH, STAT, TH

12 hours from a second-discipline or area of concentration (approved by advisor)      12

10 additional hours      10

At least 12 hours from the following must be included in the degree:

AMIS 4013      American Indian Sovereignty (D)

ECON 3313      Money and Banking

ECON 3423      Public Finance

ENGL 3223      Professional Writing Theory

ENGL 3323      Technical Writing

PHIL 3003      Symbolic Logic (A)

PHIL 3413      Ethical Theory (H)

PHIL 3843      Philosophy of Law (H)

POLS 3033      International Law

POLS 3453      U.S. Congress

POLS 3493      Public Policy

POLS 3613      State and Local Government

POLS 4353      Administrative Law

POLS 4363      Environmental Law And Policy

POLS 4963      U.S. Constitution: Civil Rights and Civil Liberties

POLS 4973      U.S. Constitution: Separation of Powers

SOC 4313      Sociology of Law

SPCH 3733      Elements of Persuasion (S)

**Hours Subtotal** **40**

### Electives

Select 18 hours      18

May need to include 6 hours upper-division general education outside major department (see note 2.c.). May need to include 9 additional upper-division hours.

**Hours Subtotal** **18**

**Total Hours** **120**

## Other Requirements

- See the College of Arts and Sciences Requirements.
- **Upper-Division Credit:** Total hours must include at least 40 hours in courses numbered 3000 or above.
- **Hours in One Department:** For B.A. and B.S. degrees, no more than 54 hours in one department may be applied to degree requirements.

## College of Arts and Sciences Requirements

### 1. General Education Requirements

No more than two courses (or eight hours) from the major department (<http://catalog.okstate.edu/college-arts-sciences-major-departments/>) may be used to meet General Education and College and Departmental Requirements. The General Education required English Composition, required U.S. History, required American Government, one required MATH or STAT course, and required foreign language for B.A. degrees do not count against the two-course maximum.

### 2. A&S College/Departmental Requirements

- Arts and Humanities are defined as any course carrying an (H) designation or courses from AMST, ART, DANC, ENGL (except ENGL 3323 Technical Writing) HIST, MUSI, PHIL (except PHIL 1313 Logic and Critical Thinking (A), PHIL 3003 Symbolic Logic (A) and PHIL 4003 Mathematical Logic and Computability), REL, TH, and foreign languages.
- Natural and Mathematical Sciences are defined as any course from the following prefixes: ASTR, BIOC, BIOL, CHEM, CS (except CS 4883 Social Issues in Computing), GEOL, MATH, MICR, PBIO, PHYS, and STAT; or courses from other departments that carry an (A) or (N) general education designation.
- The required six hours of upper-division General Education may not include courses from the student's major department. This requirement may be satisfied by courses also used to satisfy any part of a student's degree program (i.e., in General Education, College Departmental Requirements, Major Requirements or Electives).
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- The College of Arts & Sciences requires a minimum 2.0 GPA in all major requirements and a minimum 2.0 GPA in all major-prefix courses applied to the degree.

### 3. Foreign Language Proficiency

- The foreign language requirement for the B.A. may be satisfied by 9 hours college credit in the same language, which must include 3 hours at the 2000-level, or equivalent proficiency (e.g., passing an advanced standing examination; TOEFL exam; presenting a high school transcript which demonstrates the high school was primarily conducted in a language other than English; etc.). Computer Science courses may not be used to satisfy this requirement. Currently Arabic and Mvskoke are not offered at the 2000-level at OSU.
- The foreign language requirement for the B.S., B.M. and B.F.A. may be satisfied by presenting a high school transcript which demonstrates two years of study of a single foreign language (passing grades at second-year level of study). It may also

be satisfied by 6 hours college credit in the same language, which must include language courses 1713 and 1813, or equivalent proficiency (e.g., passing an advanced standing examination; TOEFL exam; presenting a high school transcript which demonstrates the high school was primarily conducted in a language other than English; etc.). Computer Science courses may not be used to satisfy this requirement.

- In addition to a. and b., students pursuing teacher certification must meet novice-high foreign language proficiency by presenting a high school transcript which demonstrates two years of study of a single foreign language with no grade below B. Or, students may complete 3 hours college credit in a single language with no grade below C (or pass an advanced standing examination, College Level Examination Program (CLEP) exam, or Oral Proficiency Interview developed by the American Council on the Teaching of Foreign Languages, equivalent to 3 hours of college credit.) Or, students may meet the requirement by transfer of documentation of meeting the foreign language competency from one of the teacher education programs in the State of Oklahoma approved by the Oklahoma State Regents for Higher Education.

### 4. Exclusions

- Courses used to satisfy the General Education English Composition, U.S. History, American Government, and Mathematics or Statistics requirements will not count toward the 54-hour maximum allowed from one department.
- Courses with ATHL or LEIS prefixes and leisure activity courses may not be used for degree credit.

## Additional State/OSU Requirements

- At least: 60 hours at a four-year institution; 30 hours completed at OSU; 15 of the final 30 or 50% of the upper-division hours in the major field completed at OSU.
- Limit of: one-half of major course requirements as transfer work; one-fourth of hours earned by correspondence; 8 transfer correspondence hours.
- Students will be held responsible for degree requirements in effect at the time of matriculation and any changes that are made, so long as these changes do not result in semester credit hours being added or do not delay graduation.
- Degrees that follow this plan must be completed by the end of Summer 2028.

## Example Plan of Study

### Finish in Four Plan of Study

The plan below is an **example** of how students can successfully complete degree requirements in four years. This suggested class schedule plan may be used as a guide and can be adjusted based on individual needs. Students are required to meet with an academic advisor prior to enrollment each semester to plan their class schedule, and students are ultimately responsible for completing all degree requirements.

Course	Title	Hours
<b>Freshman</b>		
<b>Fall</b>		
ENGL 1113	Composition I	3
HIST 1493 or HIST 1483 or HIST 1103	American History Since 1865 (DH) or American History to 1865 (H) or Survey of American History	3

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MATH 1483	Mathematical Functions and Their Uses (A)	3
or MATH 1493	or Applications of Modern Mathematics (A)	
or MATH 1513	or College Algebra (A)	
General Education courses		5
<b>Hours</b>		<b>14</b>
<b>Spring</b>		
ENGL 1213	Composition II	3
POLS 1113	American Government	3
General Education courses		10
<b>Hours</b>		<b>16</b>
<b>Sophomore</b>		
<b>Fall</b>		
1713 First Semester Foreign Language		3
PHIL 1313	Logic and Critical Thinking (A)	3
College and Elective courses		9
<b>Hours</b>		<b>15</b>
<b>Spring</b>		
1813 Second Semester Foreign Language		3
Major, College, and Elective courses		12
<b>Hours</b>		<b>15</b>
<b>Junior</b>		
<b>Fall</b>		
See program advisor.		
2000-level Foreign Language		3
Major, College, and Elective courses		12
<b>Hours</b>		<b>15</b>
<b>Spring</b>		
Major, College, and Elective courses		15
<b>Hours</b>		<b>15</b>
<b>Senior</b>		
<b>Fall</b>		
File capstone paperwork no later than pre-finals week.		
Major, College, and Elective courses		15
<b>Hours</b>		<b>15</b>
<b>Spring</b>		
A&S 4013	Multidisciplinary Studies Capstone	3
Major, College, and Elective courses		12
<b>Hours</b>		<b>15</b>
<b>Total Hours</b>		<b>120</b>

# Multidisciplinary Studies: Pre-Law, BS

## Degree Requirements

**Requirements for Students Matriculating in or before Academic Year 2022-2023.** Learn more about University Academic Regulation 3.1 (p. 943).

**Minimum Overall Grade Point Average: 2.00**

**Total Hours: 120**

Code	Title	Hours
<b>General Education Requirements</b>		
<i>English Composition</i>		
See Academic Regulation 3.5 (p. 944)		
ENGL 1113 or ENGL 1313	Composition I Critical Analysis and Writing I	3
Select one of the following:		3
ENGL 1213	Composition II	
ENGL 1413	Critical Analysis and Writing II	
ENGL 3323	Technical Writing	
<i>American History &amp; Government</i>		
HIST 1103 or HIST 1483 or HIST 1493	Survey of American History American History to 1865 (H) American History Since 1865 (DH)	3
POLS 1113	American Government	3
<i>Analytical &amp; Quantitative Thought (A)</i>		
MATH or STAT course designated (A)		3
PHIL 1313	Logic and Critical Thinking (A)	3
<i>Humanities (H)</i>		
Courses designated (H)		6
<i>Natural Sciences (N)</i>		
Must include one Laboratory Science (L) course		
Courses designated (N)		6
<i>Social &amp; Behavioral Sciences (S)</i>		
Course designated (S)		3
<i>Additional General Education</i>		
Courses designated (A), (H), (N), or (S)		7
<b>Hours Subtotal</b>		<b>40</b>
<b>Diversity (D) &amp; International Dimension (I)</b>		
May be completed in any part of the degree plan		
Select at least one Diversity (D) course		
Select at least one International Dimension (I) course		
<b>College/Departmental Requirements</b>		
<i>First Year Seminar</i>		
(Transfer students with 15 hours exempt)		1
<i>Arts &amp; Humanities</i>		
See note 2.a.		3
<i>Natural &amp; Mathematical Sciences</i>		
See note 2.b.		9
<i>Foreign Language</i>		
See note 3		
0-6 hours		

### Upper-Division General Education

Select 6 hours outside major department. See note 2.c.		
<b>Hours Subtotal</b>		<b>13</b>
<b>Major Requirements</b>		
Minimum GPA 2.00. No more than 9 hours may be lower-division.		
A&S 4013	Multidisciplinary Studies Capstone (or 3-hour capstone course in the primary discipline approved by advisor)	3
or AMST 4973	Senior Seminar in American Studies	
15 hours from one of the following disciplines. Minimum GPA 2.00 for all courses in this primary discipline.		15
AMIS, AMST, ANTH, ART, BIOL, CS, CHEM, ECON, ENGL, FLL (including ASL, FREN, GREK, GRMN, LATN, RUSS, SPAN), GEOG, GEOL, GWST, HIST, MATH, MUSI, PBIO, PHIL, PHYS, POLS, PSYC, REL, SOC, SPCH, STAT, TH		
12 hours from a second discipline or area of concentration (approved by advisor) <sup>1</sup>		12
10 additional hours		10
At least 12 hours from the following must be included in the degree:		
AMIS 4013	American Indian Sovereignty (D)	
ECON 3313	Money and Banking	
ECON 3423	Public Finance	
ENGL 3223	Professional Writing Theory	
ENGL 3323	Technical Writing	
PHIL 3003	Symbolic Logic (A)	
PHIL 3413	Ethical Theory (H)	
PHIL 3843	Philosophy of Law (H)	
POLS 3033	International Law	
POLS 3453	U.S. Congress	
POLS 3493	Public Policy	
POLS 3613	State and Local Government	
POLS 4353	Administrative Law	
POLS 4363	Environmental Law And Policy	
POLS 4963	U.S. Constitution: Civil Rights and Civil Liberties	
POLS 4973	U.S. Constitution: Separation of Powers	
SOC 4313	Sociology of Law	
SPCH 3733	Elements of Persuasion (S)	
<b>Hours Subtotal</b>		<b>40</b>
<b>Electives</b> <sup>1</sup>		
Select 27 hours		27
May need to include 6 hours of a foreign language. See note 3		
May need to include 6 hours upper-division general education outside major department (see note 2.c.). May need to include 9 additional upper-division hours.		
<b>Hours Subtotal</b>		<b>27</b>
<b>Total Hours</b>		<b>120</b>

<sup>1</sup>

With approval from the advisor and department head, a maximum of 30 hours from an accredited doctoral law or health program may be used for 9 of these 12 hours and 21 hours of electives.



## Other Requirements

- See the College of Arts and Sciences Requirements.
- **Upper-Division Credit:** Total hours must include at least 48 hours in courses numbered 3000 or above.
- **Hours in One Department:** For B.A. and B.S. degrees, no more than 54 hours in one department may be applied to degree requirements.

## College of Arts and Sciences Requirements

### 1. General Education Requirements

No more than two courses (or eight hours) from the major department (<http://catalog.okstate.edu/college-arts-sciences-major-departments/>) may be used to meet General Education and College and Departmental Requirements. The General Education required English Composition, required U.S. History, required American Government, one required MATH or STAT course, and required foreign language for B.A. degrees do not count against the two-course maximum.

### 2. A&S College/Departmental Requirements

- Arts and Humanities are defined as any course carrying an (H) designation or courses from AMST, ART, DANC, ENGL (except ENGL 3323 Technical Writing) HIST, MUSI, PHIL (except PHIL 1313 Logic and Critical Thinking (A), PHIL 3003 Symbolic Logic (A) and PHIL 4003 Mathematical Logic and Computability), REL, TH, and foreign languages.
- Natural and Mathematical Sciences are defined as any course from the following prefixes: ASTR, BIOC, BIOL, CHEM, CS (except CS 4883 Social Issues in Computing), GEOL, MATH, MICR, PBIO, PHYS, and STAT; or courses from other departments that carry an (A) or (N) general education designation.
- The required six hours of upper-division General Education may not include courses from the student's major department. This requirement may be satisfied by courses also used to satisfy any part of a student's degree program (i.e., in General Education, College Departmental Requirements, Major Requirements or Electives).
- Non-Western Studies Requirement for B.A. and B.F.A.; One 3-hour course in Non-Western Studies (N.W.). This requirement may be satisfied by courses also used to satisfy any part of a student's degree program (i.e., in General Education, College Departmental Requirements, Major Requirements or Electives).
- The College of Arts & Sciences requires a minimum 2.0 GPA in all major requirements and a minimum 2.0 GPA in all major-prefix courses applied to the degree.

### 3. Foreign Language Proficiency

- The foreign language requirement for the B.A. may be satisfied by 9 hours college credit in the same language, which must include 3 hours at the 2000-level, or equivalent proficiency (e.g., passing an advanced standing examination; TOEFL exam; presenting a high school transcript which demonstrates the high school was primarily conducted in a language other than English; etc.). Computer Science courses may not be used to satisfy this requirement. Currently Arabic and Mvskoke are not offered at the 2000-level at OSU.
- The foreign language requirement for the B.S., B.M. and B.F.A. may be satisfied by presenting a high school transcript which demonstrates two years of study of a single foreign language (passing grades at second-year level of study). It may also

be satisfied by 6 hours college credit in the same language, which must include language courses 1713 and 1813, or equivalent proficiency (e.g., passing an advanced standing examination; TOEFL exam; presenting a high school transcript which demonstrates the high school was primarily conducted in a language other than English; etc.). Computer Science courses may not be used to satisfy this requirement.

- In addition to a. and b., students pursuing teacher certification must meet novice-high foreign language proficiency by presenting a high school transcript which demonstrates two years of study of a single foreign language with no grade below B. Or, students may complete 3 hours college credit in a single language with no grade below C (or pass an advanced standing examination, College Level Examination Program (CLEP) exam, or Oral Proficiency Interview developed by the American Council on the Teaching of Foreign Languages, equivalent to 3 hours of college credit.) Or, students may meet the requirement by transfer of documentation of meeting the foreign language competency from one of the teacher education programs in the State of Oklahoma approved by the Oklahoma State Regents for Higher Education.

### 4. Exclusions

- Courses used to satisfy the General Education English Composition, U.S. History, American Government, and Mathematics or Statistics requirements will not count toward the 54-hour maximum allowed from one department.
- Courses with ATHL or LEIS prefixes and leisure activity courses may not be used for degree credit.

## Additional State/OSU Requirements

- At least: 60 hours at a four-year institution; 30 hours completed at OSU; 15 of the final 30 or 50% of the upper-division hours in the major field completed at OSU.
- Limit of: one-half of major course requirements as transfer work; one-fourth of hours earned by correspondence; 8 transfer correspondence hours.
- Students will be held responsible for degree requirements in effect at the time of matriculation and any changes that are made, so long as these changes do not result in semester credit hours being added or do not delay graduation.
- Degrees that follow this plan must be completed by the end of Summer 2028.

## Example Plan of Study

### Finish in Four Plan of Study

The plan below is an **example** of how students can successfully complete degree requirements in four years. This suggested class schedule plan may be used as a guide and can be adjusted based on individual needs. Students are required to meet with an academic advisor prior to enrollment each semester to plan their class schedule, and students are ultimately responsible for completing all degree requirements.

Course	Title	Hours
<b>Freshman</b>		
<b>Fall</b>		
ENGL 1113	Composition I	3
HIST 1493 or HIST 1483 or HIST 1103	American History Since 1865 (DH) or American History to 1865 (H) or Survey of American History	3

MATH 1483	Mathematical Functions and Their Uses (A)	3
or MATH 1493	or Applications of Modern Mathematics (A)	
or MATH 1513	or College Algebra (A)	
General Education courses		7
<b>Hours</b>		<b>16</b>
<b>Spring</b>		
ENGL 1213	Composition II	3
POLS 1113	American Government	3
General Education courses		8
<b>Hours</b>		<b>14</b>
<b>Sophomore</b>		
<b>Fall</b>		
PHIL 1313	Logic and Critical Thinking (A)	3
General Education courses		12
<b>Hours</b>		<b>15</b>
<b>Spring</b>		
Major, College, and Elective courses		15
<b>Hours</b>		<b>15</b>
<b>Junior</b>		
<b>Fall</b>		
See program advisor.		
Major, College, and Elective courses		15
<b>Hours</b>		<b>15</b>
<b>Spring</b>		
Major, College, and Elective courses		15
<b>Hours</b>		<b>15</b>
<b>Senior</b>		
<b>Fall</b>		
File capstone paperwork no later than pre-finals week.		
Major, College, and Elective courses		15
<b>Hours</b>		<b>15</b>
<b>Spring</b>		
A&S 4013	Multidisciplinary Studies Capstone	3
Major, College, and Elective courses		12
<b>Hours</b>		<b>15</b>
<b>Total Hours</b>		<b>120</b>

## Music

The Michael and Anne Greenwood School of Music at OSU serves students who plan careers in the field of music as well as those who desire to participate in any element of a comprehensive music program. Professional instruction prepares students for careers in performance, teaching, and the music industry. The OSU undergraduate degrees are also excellent preparation for graduate school and for careers in arts management, recording technology, music composition and arranging, church music, and music academia, among other paths.

Students planning to major in music at the university level should have a strong interest in music and/or a talent for performance in vocal or instrumental music. Individual lessons, fundamental theory knowledge, and basic piano ability also supports success at the university level.

The music major may choose from the following degrees:

1. Bachelor of Music (BM) in performance,
2. BM in instrumental or vocal music education,
3. Bachelor of Arts (BA) in music, and
4. Bachelor of Science (BS) in music industry.

The student majoring in a discipline other than music may participate with music majors in all ensembles (choirs, opera, orchestra, concert bands, marching band, basketball band, jazz bands, popular and new music ensembles, and chamber ensembles) and courses, as well as individual lessons for academic credit. Students may also pursue a minor in music. The Greenwood School of Music offers minors in music, applied music, jazz, and composition/theory.

An active scholarship program provides assistance to music majors and non-music majors. Students are invited to write, call 405.744.8997, or visit our website ([music.okstate.edu](http://music.okstate.edu) (<http://music.okstate.edu>)) for audition information.

Faculty members, students, and ensembles present over 150 concerts and recitals annually. The school also supports a robust program of extension and outreach opportunities.

The Michael and Anne Greenwood School of Music is accredited by the National Association of Schools of Music and is an All-Steinway School.

## Admission Requirements

Students wishing to major in music should contact the Michael and Anne Greenwood School of Music to arrange for an entrance audition and interview.

Students are expected to maintain an overall GPA of at least 2.0 while enrolled as music majors at OSU. Any student whose GPA falls below 2.0 will be placed on departmental probation. To be removed from departmental probation, students must increase the overall GPA to at least 2.0. Any student who fails to meet the minimum GPA requirement in two consecutive semesters will be suspended from the OSU music program. For the purpose of determining probationary status, the number of ensemble credits that apply toward the GPA cannot exceed the total number of ensemble credits required for completion of the degree. Though a student must maintain an overall GPA of at least 2.0 in order to avoid departmental probation from semester to semester, all music students must have a minimum GPA of at least 2.5 in the required major courses in order to graduate. In addition to maintaining a 2.0 overall GPA, students must earn grades no lower than a C in any music class.

Students who fail to pass a required music course with a grade of at least a C after two attempts will be suspended from the music major.

## Applied Juries

Students are expected to pass a performance jury at the conclusion of each semester of applied study.

Any students who fail to pass this jury will be placed on departmental probation. Students must also pass an upper-division barrier jury prior to enrolling in upper-division applied lessons if required by the degree program. Any students who do not pass this jury will be placed on departmental probation. Those students must retake this performance barrier jury at the conclusion of the following semester. Any students who fail a performance barrier jury for two consecutive semesters will be suspended from the music program.

Any student suspended from the music program may re-audition for acceptance into the program but must wait at least one year before continuing as a music major. Students who are initially suspended from the music program but are later accepted after the re-audition process will remain on probationary status for one semester. Any re-admitted student who does not meet all of the necessary minimum requirements at the conclusion of their first semester of re-admittance will be suspended from the program.

Further details of the departmental academic progress policy are published in the Undergraduate Music Student Handbook at [music.okstate.edu](http://music.okstate.edu) (<http://music.okstate.edu>).

## Courses

### MUSI 0500 Student Recital Attendance

**Description:** Graduation requirement for music degree or certificate candidates. Graded on a pass/fail basis.

**Credit hours:** 0

**Contact hours:** Lecture: 0 Contact: 0

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Music

### MUSI 1001 Percussion Techniques

**Description:** Methods for playing and teaching percussion instruments.

**Credit hours:** 1

**Contact hours:** Lecture: 1 Contact: 1

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Music

**Additional Fees:** Music Facility Utilization fee of \$40 applies.

### MUSI 1002 Fundamentals of Music

**Description:** The study of the foundations of tonal harmony.

**Credit hours:** 2

**Contact hours:** Lecture: 2 Contact: 2

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Music

**MUSI 1011 Class Piano I**

**Prerequisites:** Music major status or consent of instructor AND (MUSI 1532 with a minimum grade of "C" OR concurrent enrollment in MUSI 1532).

**Description:** Class Piano I is a course designed for vocal and instrumental (non-keyboard) majors to develop functional piano skills. Basic fluency in musical notation is assumed.

**Credit hours:** 1

**Contact hours:** Lecture: 1 Contact: 1

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Music

**Additional Fees:** Music Instruction fee of \$100 applies.

**MUSI 1021 Class Piano II**

**Prerequisites:** MUSI 1011 with minimum grade of "C" and music major status or consent of instructor.

**Description:** Class Piano II continues the development of keyboard skills established in MUSI 1011.

**Credit hours:** 1

**Contact hours:** Lecture: 1 Contact: 1

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Music

**MUSI 1031 Voice Class Lessons**

**Description:** To gain knowledge within a group class setting of the vocal instrument as it applies to each individual, and to learn to apply these techniques to solo voice performance. To give each student a strong foundation in healthy classical vocal technique to allow them to sing throughout their lifetime.

**Credit hours:** 1

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Music

**MUSI 1071 Single Reed Techniques**

**Description:** Methods for playing and teaching the clarinet and saxophone.

**Credit hours:** 1

**Contact hours:** Lecture: 1 Contact: 1

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Music

**Additional Fees:** Music Facility Utilization fee of \$40 applies.

**MUSI 1081 Double Reed Techniques**

**Description:** Methods for playing and teaching the oboe and bassoon.

**Credit hours:** 1

**Contact hours:** Lecture: 1 Contact: 1

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Music

**Additional Fees:** Music Facility Utilization fee of \$40 applies.

**MUSI 1091 High Brass Techniques**

**Prerequisites:** MUSI 1532 with a minimum grade of "C" or consent of instructor.

**Description:** Methods for playing and teaching the trumpet and French horn.

**Credit hours:** 1

**Contact hours:** Lecture: 1 Contact: 1

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Music

**Additional Fees:** Music Facility Utilization fee of \$40 applies.

**MUSI 1110 Elective Organ**

**Description:** Offered for variable credit, 1-2 credit hours, maximum of 8 credit hours.

**Credit hours:** 1-2

**Contact hours:** Contact: 1-2 Other: 1-2

**Levels:** Undergraduate

**Schedule types:** Independent Study

**Department/School:** Music

**MUSI 1120 Elective Piano**

**Description:** Offered for variable credit, 1-2 credit hours, maximum of 8 credit hours.

**Credit hours:** 1-2

**Contact hours:** Contact: 1-2 Other: 1-2

**Levels:** Undergraduate

**Schedule types:** Independent Study

**Department/School:** Music

**MUSI 1130 Elective Voice**

**Prerequisites:** Concurrent enrollment in a choral ensemble (MUSI 2630, MUSI 3630 and/or MUSI 4600) or permission of instructor.

**Description:** Offered for variable credit, 1-2 credit hours, maximum of 8 credit hours.

**Credit hours:** 1-2

**Contact hours:** Contact: 1-2 Other: 1-2

**Levels:** Undergraduate

**Schedule types:** Independent Study

**Department/School:** Music

**MUSI 1140 Elective Brass**

**Description:** Offered for variable credit, 1-2 credit hours, maximum of 8 credit hours.

**Credit hours:** 1-2

**Contact hours:** Contact: 1-2 Other: 1-2

**Levels:** Undergraduate

**Schedule types:** Independent Study

**Department/School:** Music

**MUSI 1150 Elective Class Guitar**

**Description:** Offered for variable credit, 1-2 credit hours, maximum of 8 credit hours.

**Credit hours:** 1-2

**Contact hours:** Contact: 1-2 Other: 1-2

**Levels:** Undergraduate

**Schedule types:** Independent Study

**Department/School:** Music

**MUSI 1160 Elective Woodwinds**

**Description:** Offered for variable credit, 1-2 credit hours, maximum of 8 credit hours.

**Credit hours:** 1-2

**Contact hours:** Contact: 1-2 Other: 1-2

**Levels:** Undergraduate

**Schedule types:** Independent Study

**Department/School:** Music

**MUSI 1170 Elective Percussion**

**Description:** Offered for variable credit, 1-2 credit hours, maximum of 8 credit hours.

**Credit hours:** 1-2

**Contact hours:** Contact: 1-2 Other: 1-2

**Levels:** Undergraduate

**Schedule types:** Independent Study

**Department/School:** Music

**MUSI 1180 Secondary Organ**

**Description:** Offered for variable credit, 1-2 credit hours, maximum of 8 credit hours.

**Credit hours:** 1-2

**Contact hours:** Contact: 1-2 Other: 1-2

**Levels:** Undergraduate

**Schedule types:** Independent Study

**Department/School:** Music

**MUSI 1190 Secondary Piano**

**Description:** Offered for variable credit, 1-2 credit hours, maximum of 8 credit hours.

**Credit hours:** 1-2

**Contact hours:** Contact: 1-2 Other: 1-2

**Levels:** Undergraduate

**Schedule types:** Independent Study

**Department/School:** Music

**MUSI 1200 Secondary Voice**

**Description:** Offered for variable credit, 1-2 credit hours, maximum of 8 credit hours.

**Credit hours:** 1-2

**Contact hours:** Contact: 1-2 Other: 1-2

**Levels:** Undergraduate

**Schedule types:** Independent Study

**Department/School:** Music

**MUSI 1210 Secondary Brass**

**Description:** Offered for variable credit, 1-2 credit hours, maximum of 8 credit hours.

**Credit hours:** 1-2

**Contact hours:** Contact: 1-2 Other: 1-2

**Levels:** Undergraduate

**Schedule types:** Independent Study

**Department/School:** Music

**MUSI 1220 Secondary String**

**Description:** Offered for variable credit, 1-2 credit hours, maximum of 8 credit hours.

**Credit hours:** 1-2

**Contact hours:** Contact: 1-2 Other: 1-2

**Levels:** Undergraduate

**Schedule types:** Independent Study

**Department/School:** Music

**MUSI 1230 Secondary Woodwind**

**Description:** Offered for variable credit, 1-2 credit hours, maximum of 8 credit hours.

**Credit hours:** 1-2

**Contact hours:** Contact: 1-2 Other: 1-2

**Levels:** Undergraduate

**Schedule types:** Independent Study

**Department/School:** Music

**MUSI 1240 Secondary Percussion**

**Description:** Offered for variable credit, 1-2 credit hours, maximum of 8 credit hours.

**Credit hours:** 1-2

**Contact hours:** Contact: 1-2 Other: 1-2

**Levels:** Undergraduate

**Schedule types:** Independent Study

**Department/School:** Music

**MUSI 1250 Major Organ**

**Description:** Offered for variable credit, 1-4 credit hours, maximum of 4 credit hours.

**Credit hours:** 1-4

**Contact hours:** Contact: 1-4 Other: 1-4

**Levels:** Undergraduate

**Schedule types:** Independent Study

**Department/School:** Music

**MUSI 1260 Major Piano**

**Description:** Offered for variable credit, 1-4 credit hours, maximum of 8 credit hours.

**Credit hours:** 1-4

**Contact hours:** Contact: 1-4 Other: 1-4

**Levels:** Undergraduate

**Schedule types:** Independent Study

**Department/School:** Music

**MUSI 1270 Major Voice**

**Description:** Offered for variable credit, 1-4 credit hours, maximum of 8 credit hours.

**Credit hours:** 1-4

**Contact hours:** Contact: 1-4 Other: 1-4

**Levels:** Undergraduate

**Schedule types:** Independent Study

**Department/School:** Music

**MUSI 1280 Major Violin**

**Description:** Offered for variable credit, 1-4 credit hours, maximum of 8 credit hours.

**Credit hours:** 1-4

**Contact hours:** Contact: 1-4 Other: 1-4

**Levels:** Undergraduate

**Schedule types:** Independent Study

**Department/School:** Music

**MUSI 1290 Major Viola**

**Description:** Offered for variable credit, 1-4 credit hours, maximum of 8 credit hours.

**Credit hours:** 1-4

**Contact hours:** Contact: 1-4 Other: 1-4

**Levels:** Undergraduate

**Schedule types:** Independent Study

**Department/School:** Music

**MUSI 1300 Major Cello**

**Description:** Offered for variable credit, 1-4 credit hours, maximum of 8 credit hours.

**Credit hours:** 1-4

**Contact hours:** Contact: 1-4 Other: 1-4

**Levels:** Undergraduate

**Schedule types:** Independent Study

**Department/School:** Music

**MUSI 1310 Major Double Bass**

**Description:** Offered for variable credit, 1-4 credit hours, maximum of 8 credit hours.

**Credit hours:** 1-4

**Contact hours:** Contact: 1-4 Other: 1-4

**Levels:** Undergraduate

**Schedule types:** Independent Study

**Department/School:** Music

**MUSI 1340 Major Flute**

**Description:** Offered for variable credit, 1-4 credit hours, maximum of 8 credit hours.

**Credit hours:** 1-4

**Contact hours:** Contact: 1-4 Other: 1-4

**Levels:** Undergraduate

**Schedule types:** Independent Study

**Department/School:** Music

**MUSI 1350 Major Oboe**

**Description:** Offered for variable credit, 1-4 credit hours, maximum of 8 credit hours.

**Credit hours:** 1-4

**Contact hours:** Contact: 1-4 Other: 1-4

**Levels:** Undergraduate

**Schedule types:** Independent Study

**Department/School:** Music

**MUSI 1360 Major Clarinet**

**Description:** Offered for variable credit, 1-4 credit hours, maximum of 8 credit hours.

**Credit hours:** 1-4

**Contact hours:** Contact: 1-4 Other: 1-4

**Levels:** Undergraduate

**Schedule types:** Independent Study

**Department/School:** Music

**MUSI 1370 Major Saxophone**

**Description:** Offered for variable credit, 1-4 credit hours, maximum of 8 credit hours.

**Credit hours:** 1-4

**Contact hours:** Contact: 1-4 Other: 1-4

**Levels:** Undergraduate

**Schedule types:** Independent Study

**Department/School:** Music

**MUSI 1380 Major Bassoon**

**Description:** Offered for variable credit, 1-4 credit hours, maximum of 8 credit hours.

**Credit hours:** 1-4

**Contact hours:** Contact: 1-4 Other: 1-4

**Levels:** Undergraduate

**Schedule types:** Independent Study

**Department/School:** Music

**MUSI 1390 Major Trumpet**

**Description:** Offered for variable credit, 1-4 credit hours, maximum of 8 credit hours.

**Credit hours:** 1-4

**Contact hours:** Contact: 1-4 Other: 1-4

**Levels:** Undergraduate

**Schedule types:** Independent Study

**Department/School:** Music

**MUSI 1400 Major French Horn**

**Description:** Offered for variable credit, 1-4 credit hours, maximum of 8 credit hours.

**Credit hours:** 1-4

**Contact hours:** Contact: 1-4 Other: 1-4

**Levels:** Undergraduate

**Schedule types:** Independent Study

**Department/School:** Music

**MUSI 1410 Major Trombone**

**Description:** Offered for variable credit, 1-4 credit hours, maximum of 8 credit hours.

**Credit hours:** 1-4

**Contact hours:** Contact: 1-4 Other: 1-4

**Levels:** Undergraduate

**Schedule types:** Independent Study

**Department/School:** Music

**MUSI 1420 Major Euphonium**

**Description:** Offered for variable credit, 1-4 credit hours, maximum of 8 credit hours.

**Credit hours:** 1-4

**Contact hours:** Contact: 1-4 Other: 1-4

**Levels:** Undergraduate

**Schedule types:** Independent Study

**Department/School:** Music

**MUSI 1430 Major Tuba**

**Description:** Offered for variable credit, 1-4 credit hours, maximum of 8 credit hours.

**Credit hours:** 1-4

**Contact hours:** Contact: 1-4 Other: 1-4

**Levels:** Undergraduate

**Schedule types:** Independent Study

**Department/School:** Music

**MUSI 1440 Major Percussion**

**Description:** Offered for variable credit, 1-4 credit hours, maximum of 8 credit hours.

**Credit hours:** 1-4

**Contact hours:** Contact: 1-4 Other: 1-4

**Levels:** Undergraduate

**Schedule types:** Independent Study

**Department/School:** Music

**MUSI 1531 Sight Singing and Aural Skills**

**Prerequisites:** Must have passed or be concurrently enrolled in MUSI 1532 Theory of Music I.

**Description:** Development of skills in sight singing and aural perception. Taken concurrently with MUSI 1532.

**Credit hours:** 1

**Contact hours:** Lecture: 2 Contact: 2

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Music

**Additional Fees:** Music Instruction fee of \$24 applies.



**MUSI 1532 Theory of Music I**

**Prerequisites:** MUSI 1002 Fundamentals of Music or receiving a passing score of 30 points or higher on the music theory diagnostic exam.

**Description:** The study of tonal harmony through analysis and composition. Taken concurrently with MUSI 1531. Previously offered as MUSI 1533.

**Credit hours:** 2

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Music

**MUSI 1541 Sight Singing and Aural Skills II**

**Prerequisites:** MUSI 1531 and MUSI 1532 with minimum grade of "C."

**Description:** A continuation of MUSI 1531. Taken concurrently with MUSI 1542.

**Credit hours:** 1

**Contact hours:** Lecture: 2 Contact: 2

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Music

**Additional Fees:** Music Instruction fee of \$24 applies.

**MUSI 1542 Theory of Music II**

**Prerequisites:** MUSI 1532 with minimum grade of "C."

**Description:** A continuation of MUSI 1532. Taken concurrently with MUSI 1541. Previously offered as MUSI 1543.

**Credit hours:** 2

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Music

**MUSI 1623 Introduction to Music Business**

**Prerequisites:** Music major status or consent of instructor.

**Description:** A survey of music business procedures, opportunities, technologies and trends.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Music

**MUSI 1631 Introduction to Diction for Singers**

**Description:** Designed for Music Education majors. Introduces and develops skills in pronunciation and diction for singing in English, Italian, French and German.

**Credit hours:** 1

**Contact hours:** Lecture: 1 Contact: 1

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Music

**MUSI 2010 Piano Class Lessons**

**Prerequisites:** MUSI 1021 with minimum grade of "C" and music major status.

**Description:** Class lessons for music majors (non-keyboard concentration) preparing for the piano proficiency examination. Previously offered as MUSI 2011. Offered for 1-fixed credit hour, maximum of 3 credit hours.

**Credit hours:** 1

**Contact hours:** Contact: 1 Other: 1

**Levels:** Undergraduate

**Schedule types:** Independent Study

**Department/School:** Music

**MUSI 2013 Popular Music Theory**

**Prerequisites:** MUSI 1542 with a minimum grade of "C" or MUSI 1543 with a minimum grade of "C".

**Description:** This course is a continuation of MUSI 1542. The course will focus on jazz and popular music theory, including elementary principles of popular chord voicings and arrangements, chord scale relationships, blues, AABA and other song forms. Analysis of jazz solo transcription as well as basic keyboard skills will be emphasized in addition to required listening to exceptional examples of standard popular music recordings.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Music

**MUSI 2051 High String Techniques**

**Description:** Methods for playing and teaching the violin and viola. Previously offered as MUSI 2052.

**Credit hours:** 1

**Contact hours:** Lab: 2 Contact: 2

**Levels:** Undergraduate

**Schedule types:** Lab

**Department/School:** Music

**Additional Fees:** Music Facility Utilization fee of \$40 applies.

**MUSI 2061 Low String Techniques**

**Description:** Methods for playing and teaching the cello and double bass. Previously offered as MUSI 2052.

**Credit hours:** 1

**Contact hours:** Lab: 2 Contact: 2

**Levels:** Undergraduate

**Schedule types:** Lab

**Department/School:** Music

**MUSI 2071 Flute Techniques**

**Description:** Methods for playing and teaching the flute.

**Credit hours:** 1

**Contact hours:** Lecture: 1 Contact: 1

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Music

**Additional Fees:** Music Facility Utilization fee of \$40 applies.

**MUSI 2080 Music Composition**

**Prerequisites:** Consent of instructor.

**Description:** Practical experience in musical composition. Offered for 1 credit hour.

**Credit hours:** 1

**Contact hours:** Contact: 1 Other: 1

**Levels:** Undergraduate

**Schedule types:** Independent Study

**Department/School:** Music

**Additional Fees:** Private Lesson Instruction fee of \$65 per credit hour applies.

**MUSI 2091 Low Brass Techniques**

**Description:** Methods for playing and teaching the trombone, euphonium, and tuba.

**Credit hours:** 1

**Contact hours:** Lecture: 1 Contact: 1

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Music

**Additional Fees:** Music Facility Utilization fee of \$40 applies.

**MUSI 2250 Major Organ****Prerequisites:** MUSI 1250.**Description:** Offered for variable credit, 1-4 credit hours, maximum of 8 credit hours.**Credit hours:** 1-4**Contact hours:** Contact: 1-4 Other: 1-4**Levels:** Undergraduate**Schedule types:** Independent Study**Department/School:** Music**MUSI 2260 Major Piano****Prerequisites:** MUSI 1260.**Description:** Offered for variable credit, 1-4 credit hours, maximum of 8 credit hours.**Credit hours:** 1-4**Contact hours:** Contact: 1-4 Other: 1-4**Levels:** Undergraduate**Schedule types:** Independent Study**Department/School:** Music**MUSI 2270 Major Voice****Prerequisites:** MUSI 1270.**Description:** Offered for variable credit, 1-4 credit hours, maximum of 8 credit hours.**Credit hours:** 1-4**Contact hours:** Contact: 1-4 Other: 1-4**Levels:** Undergraduate**Schedule types:** Independent Study**Department/School:** Music**MUSI 2280 Major Violin****Prerequisites:** MUSI 1280.**Description:** Offered for variable credit, 1-4 credit hours, maximum of 8 credit hours.**Credit hours:** 1-4**Contact hours:** Contact: 1-4 Other: 1-4**Levels:** Undergraduate**Schedule types:** Independent Study**Department/School:** Music**MUSI 2290 Major Viola****Prerequisites:** MUSI 1290.**Description:** Offered for variable credit, 1-4 credit hours, maximum of 8 credit hours.**Credit hours:** 1-4**Contact hours:** Contact: 1-4 Other: 1-4**Levels:** Undergraduate**Schedule types:** Independent Study**Department/School:** Music**MUSI 2300 Major Cello****Prerequisites:** MUSI 1300.**Description:** Offered for variable credit, 1-4 credit hours, maximum of 8 credit hours.**Credit hours:** 1-4**Contact hours:** Contact: 1-4 Other: 1-4**Levels:** Undergraduate**Schedule types:** Independent Study**Department/School:** Music**MUSI 2310 Major Double Bass****Prerequisites:** MUSI 1310.**Description:** Offered for variable credit, 1-4 credit hours, maximum of 8 credit hours.**Credit hours:** 1-4**Contact hours:** Contact: 1-4 Other: 1-4**Levels:** Undergraduate**Schedule types:** Independent Study**Department/School:** Music**MUSI 2340 Major Flute****Prerequisites:** MUSI 1340.**Description:** Offered for variable credit, 1-4 credit hours, maximum of 8 credit hours.**Credit hours:** 1-4**Contact hours:** Contact: 1-4 Other: 1-4**Levels:** Undergraduate**Schedule types:** Independent Study**Department/School:** Music**MUSI 2350 Major Oboe****Prerequisites:** MUSI 1350.**Description:** Offered for variable credit, 1-4 credit hours, maximum of 8 credit hours.**Credit hours:** 1-4**Contact hours:** Contact: 1-4 Other: 1-4**Levels:** Undergraduate**Schedule types:** Independent Study**Department/School:** Music**MUSI 2360 Major Clarinet****Prerequisites:** MUSI 1360.**Description:** Offered for variable credit, 1-4 credit hours, maximum of 8 credit hours.**Credit hours:** 1-4**Contact hours:** Contact: 1-4 Other: 1-4**Levels:** Undergraduate**Schedule types:** Independent Study**Department/School:** Music**MUSI 2370 Major Saxophone****Prerequisites:** MUSI 1370.**Description:** Offered for variable credit, 1-4 credit hours, maximum of 8 credit hours.**Credit hours:** 1-4**Contact hours:** Contact: 1-4 Other: 1-4**Levels:** Undergraduate**Schedule types:** Independent Study**Department/School:** Music**MUSI 2380 Major Bassoon****Prerequisites:** MUSI 1380.**Description:** Offered for variable credit, 1-4 credit hours, maximum of 8 credit hours.**Credit hours:** 1-4**Contact hours:** Contact: 1-4 Other: 1-4**Levels:** Undergraduate**Schedule types:** Independent Study**Department/School:** Music

**MUSI 2390 Major Trumpet****Prerequisites:** MUSI 1390.**Description:** Offered for variable credit, 1-4 credit hours, maximum of 8 credit hours.**Credit hours:** 1-4**Contact hours:** Contact: 1-4 Other: 1-4**Levels:** Undergraduate**Schedule types:** Independent Study**Department/School:** Music**MUSI 2400 Major French Horn****Prerequisites:** MUSI 1400.**Description:** Offered for variable credit, 1-4 credit hours, maximum of 8 credit hours.**Credit hours:** 1-4**Contact hours:** Contact: 1-4 Other: 1-4**Levels:** Undergraduate**Schedule types:** Independent Study**Department/School:** Music**MUSI 2410 Major Trombone****Prerequisites:** MUSI 1410.**Description:** Offered for variable credit, 1-4 credit hours, maximum of 8 credit hours.**Credit hours:** 1-4**Contact hours:** Contact: 1-4 Other: 1-4**Levels:** Undergraduate**Schedule types:** Independent Study**Department/School:** Music**MUSI 2420 Major Euphonium****Prerequisites:** MUSI 1420.**Description:** Offered for variable credit, 1-4 credit hours, maximum of 8 credit hours.**Credit hours:** 1-4**Contact hours:** Contact: 1-4 Other: 1-4**Levels:** Undergraduate**Schedule types:** Independent Study**Department/School:** Music**MUSI 2430 Major Tuba****Prerequisites:** MUSI 1430.**Description:** Offered for variable credit, 1-4 credit hours, maximum of 8 credit hours.**Credit hours:** 1-4**Contact hours:** Contact: 1-4 Other: 1-4**Levels:** Undergraduate**Schedule types:** Independent Study**Department/School:** Music**MUSI 2440 Major Percussion****Prerequisites:** MUSI 1440.**Description:** Offered for variable credit, 1-4 credit hours, maximum of 8 credit hours.**Credit hours:** 1-4**Contact hours:** Contact: 1-4 Other: 1-4**Levels:** Undergraduate**Schedule types:** Independent Study**Department/School:** Music**MUSI 2450 Major Harpsichord****Description:** Offered for variable credit, 1-4 credit hours, maximum of 8 credit hours.**Credit hours:** 1-4**Contact hours:** Contact: 1-4 Other: 1-4**Levels:** Undergraduate**Schedule types:** Independent Study**Department/School:** Music**MUSI 2480 Elective Applied Lessons****Prerequisites:** Permission of instructor.**Description:** Applied lessons for non-music majors or for majors studying secondary instruments.**Credit hours:** 1-2**Contact hours:** Contact: 1-2 Other: 1-2**Levels:** Undergraduate**Schedule types:** Independent Study**Department/School:** Music**Additional Fees:** Private Lesson Instruction fee of \$65 per credit hour applies.**MUSI 2490 Major Applied Lessons****Prerequisites:** Music major status.**Description:** Offered for variable credit, 1-4 credit hours, maximum of 8 credit hours.**Credit hours:** 1-4**Contact hours:** Contact: 1-4 Other: 1-4**Levels:** Undergraduate**Schedule types:** Independent Study**Department/School:** Music**MUSI 2551 Sight Singing and Aural Skills III****Prerequisites:** MUSI 1541 and MUSI 1542 with minimum grade of "C."**Description:** Further development of skills in sight singing and aural perception. Taken concurrently with MUSI 2552.**Credit hours:** 1**Contact hours:** Lecture: 2 Contact: 2**Levels:** Undergraduate**Schedule types:** Lecture**Department/School:** Music**Additional Fees:** Music Instruction fee of \$24 applies.**MUSI 2552 Theory of Music III****Prerequisites:** MUSI 1542 with minimum grade of "C."**Description:** A continuation of MUSI 1542. Taken concurrently with MUSI 2551. Previously offered as MUSI 2553.**Credit hours:** 2**Contact hours:** Lecture: 3 Contact: 3**Levels:** Undergraduate**Schedule types:** Lecture**Department/School:** Music**MUSI 2561 Sight Singing and Aural Skills IV****Prerequisites:** MUSI 2551 and MUSI 2552 with minimum grade of "C."**Description:** A continuation of MUSI 2551. Taken concurrently with MUSI 2562.**Credit hours:** 1**Contact hours:** Lecture: 2 Contact: 2**Levels:** Undergraduate**Schedule types:** Lecture**Department/School:** Music**Additional Fees:** Music Instruction fee of \$24 applies.

**MUSI 2562 Theory of Music IV**

**Prerequisites:** MUSI 2552 with minimum grade of "C."

**Description:** A continuation of MUSI 2552. Taken concurrently with MUSI 2561. Previously offered as MUSI 2563.

**Credit hours:** 2

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Music

**MUSI 2573 Introduction to Music (H)**

**Description:** Introduction to the great music of the past and present with the objective of bridging the gap between the audience and concert stage via active listening. No prior musical experience required. Previously offered as MUSI 2572.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Music

**General Education and other Course Attributes:** Humanities

**MUSI 2583 Hip-Hop Music**

**Description:** This course examines hip-hop as a musical genre and culture, exploring MCing/rapping, DJing/scratching, sampling, beat boxing, and break dancing, within its musical and social context.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Music

**MUSI 2603 Film Music**

**Description:** This course examines film music from the silent film era to present day. Students analyze film scores to observe the associations between music and film.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Music

**MUSI 2610 University Bands I**

**Description:** Beginning study of a wide variety of music in all areas of band literature. Offered for 1 fixed credit hour, maximum of 36 credit hours.

**Credit hours:** 1

**Contact hours:** Lab: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lab

**Department/School:** Music

**Additional Fees:** Music Facility Utilization fee of \$40 and Music Instruction fee of \$24 apply.

**MUSI 2620 Symphony Orchestra I**

**Description:** Beginning study of a wide variety of music in all areas of orchestral literature. Offered for 1 fixed credit hour, maximum of 36 credit hours.

**Credit hours:** 1

**Contact hours:** Lab: 4 Contact: 4

**Levels:** Undergraduate

**Schedule types:** Lab

**Department/School:** Music

**MUSI 2630 University Choral Ensembles I**

**Description:** Beginning study of a wide variety of music in all areas of choral literature. Offered for 1 fixed credit hour, maximum of 36 credit hours.

**Credit hours:** 1

**Contact hours:** Lab: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lab

**Department/School:** Music

**Additional Fees:** Music Facility Utilization fee of \$40 and Music Instruction fee of \$24 apply.

**MUSI 2722 Introduction to Music Education**

**Prerequisites:** MUSI 1542 with a minimum grade of "C" or MUSI 1543 with a minimum grade of "C".

**Description:** An entry level course designed to socialize the music education major to the role of the music education teacher within U.S. schools. Topics include motivation and management, learning theories, micro teaching, music advocacy, portfolio introduction, and early field experience. Previously offered as MUSI 1723.

**Credit hours:** 2

**Contact hours:** Lecture: 2 Contact: 2

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Music

**MUSI 2763 History of Rock and Roll (H)**

**Description:** Study of the origins and innovators of rock and roll music. Course will examine the musical, historical and sociological significance of a variety of genres. Previously offered as MUSI 3733. May not be used for degree credit with MUSI 3883.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Music

**General Education and other Course Attributes:** Humanities

**MUSI 2783 American Popular Music (H)**

**Description:** A survey of American popular music from the nineteenth century to the present day. Beginning with Tin Pan Alley and Broadway, the course traces many major developments in American popular music, such as rock and roll, country music, soul, funk, disco, punk rock, and hip-hop.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Music

**General Education and other Course Attributes:** Humanities

**MUSI 3012 Advanced Music Production**

**Prerequisites:** MUSIC 3672 with a minimum grade of "C".

**Description:** Students explore techniques and practices related to making sound recordings. The objective of the course is to create studio quality recordings using Pro Tools.

**Credit hours:** 2

**Contact hours:** Lecture: 2 Contact: 2

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Music

**MUSI 3013 Country Music**

**Description:** This course examines country music forerunners to present day commercial country music. Students explore social, political, and musical issues related to the American genre.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Music

**MUSI 3022 Piano Skills for Vocal Music Education Majors**

**Prerequisites:** MUSI 2010 with a minimum grade of "C" or consent of instructor.

**Description:** Development of skills in sight-reading, score reading, and general ensemble accompaniment for vocal music education majors.

**Credit hours:** 2

**Contact hours:** Lecture: 2 Contact: 2

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Music

**MUSI 3110 Elective Organ**

**Prerequisites:** MUSI 1110.

**Description:** Offered for variable credit, 1-2 credit hours, maximum of 8 credit hours.

**Credit hours:** 1-2

**Contact hours:** Contact: 1-2 Other: 1-2

**Levels:** Undergraduate

**Schedule types:** Independent Study

**Department/School:** Music

**MUSI 3120 Elective Piano**

**Prerequisites:** MUSI 1120.

**Description:** Offered for variable credit, 1-2 credit hours, maximum of 8 credit hours.

**Credit hours:** 1-2

**Contact hours:** Contact: 1-2 Other: 1-2

**Levels:** Undergraduate

**Schedule types:** Independent Study

**Department/School:** Music

**Additional Fees:** Music Facility Utilization fee of \$25, Music Instruction fee of \$50 per credit hour, and Music Instruction fee of \$24 apply.

**MUSI 3130 Elective Voice**

**Prerequisites:** Concurrent enrollment in a choral ensemble (MUSI 2630, MUSI 3630 and/or MUSI 4600) or permission of instructor.

**Description:** Offered for variable credit, 1-2 credit hours, maximum of 8 credit hours.

**Credit hours:** 1-2

**Contact hours:** Contact: 1-2 Other: 1-2

**Levels:** Undergraduate

**Schedule types:** Independent Study

**Department/School:** Music

**Additional Fees:** Music Instruction fee of \$50 per credit hour and Music Instruction fee of \$24 apply.

**MUSI 3140 Elective Brass**

**Prerequisites:** MUSI 1140.

**Description:** Offered for variable credit, 1-2 credit hours, maximum of 8 credit hours.

**Credit hours:** 1-2

**Contact hours:** Contact: 1-2 Other: 1-2

**Levels:** Undergraduate

**Schedule types:** Independent Study

**Department/School:** Music

**Additional Fees:** Music Instruction fee of \$50 per credit hour and Music Instruction fee of \$24 apply.

**MUSI 3150 Elective String**

**Prerequisites:** MUSI 1150.

**Description:** Offered for variable credit, 1-2 credit hours, maximum of 8 credit hours.

**Credit hours:** 1-2

**Contact hours:** Contact: 1-2 Other: 1-2

**Levels:** Undergraduate

**Schedule types:** Independent Study

**Department/School:** Music

**Additional Fees:** Music Instruction fee of \$50 per credit hour and Music Instruction fee of \$24 apply.

**MUSI 3160 Elective Woodwind**

**Prerequisites:** MUSI 1160.

**Description:** Offered for variable credit, 1-2 credit hours, maximum of 8 credit hours.

**Credit hours:** 1-2

**Contact hours:** Contact: 1-2 Other: 1-2

**Levels:** Undergraduate

**Schedule types:** Independent Study

**Department/School:** Music

**Additional Fees:** Music Instruction fee of \$50 per credit hour and Music Instruction fee of \$24 apply.

**MUSI 3170 Elective Percussion**

**Prerequisites:** MUSI 1170.

**Description:** Offered for variable credit, 1-2 credit hours, maximum of 8 credit hours.

**Credit hours:** 1-2

**Contact hours:** Contact: 1-2 Other: 1-2

**Levels:** Undergraduate

**Schedule types:** Independent Study

**Department/School:** Music

**Additional Fees:** Music Facility Utilization fee of \$25, Music Instruction fee of \$50 per credit hour, and Music Instruction fee of \$24 apply.

**MUSI 3180 Secondary Organ**

**Prerequisites:** MUSI 1180.

**Description:** Offered for variable credit, 1-2 credit hours, maximum of 8 credit hours.

**Credit hours:** 1-2

**Contact hours:** Contact: 1-2 Other: 1-2

**Levels:** Undergraduate

**Schedule types:** Independent Study

**Department/School:** Music

**Additional Fees:** Music Facility Utilization fee of \$25, Music Instruction fee of \$35 per credit hour, and Music Instruction fee of \$24 apply.



**MUSI 3190 Secondary Piano****Prerequisites:** MUSI 1190.**Description:** Offered for variable credit, 1-2 credit hours, maximum of 8 credit hours.**Credit hours:** 1-2**Contact hours:** Contact: 1-2 Other: 1-2**Levels:** Undergraduate**Schedule types:** Independent Study**Department/School:** Music**Additional Fees:** Music Facility Utilization fee of \$25, Music Instruction fee of \$35 per credit hour, and Music Instruction fee of \$24 apply.**MUSI 3200 Secondary Voice****Prerequisites:** MUSI 1200.**Description:** Offered for variable credit, 1-2 credit hours, maximum of 8 credit hours.**Credit hours:** 1-2**Contact hours:** Contact: 1-2 Other: 1-2**Levels:** Undergraduate**Schedule types:** Independent Study**Department/School:** Music**Additional Fees:** Music Instruction fee of \$35 per credit hour and Music Instruction fee of \$24 apply.**MUSI 3210 Secondary Brass****Prerequisites:** MUSI 1210.**Description:** Offered for variable credit, 1-2 credit hours, maximum of 8 credit hours.**Credit hours:** 1-2**Contact hours:** Contact: 1-2 Other: 1-2**Levels:** Undergraduate**Schedule types:** Independent Study**Department/School:** Music**Additional Fees:** Music Instruction fee of \$35 per credit hour and Music Instruction fee of \$24 apply.**MUSI 3220 Secondary String****Prerequisites:** MUSI 1220.**Description:** Offered for variable credit, 1-2 credit hours, maximum of 8 credit hours.**Credit hours:** 1-2**Contact hours:** Contact: 1-2 Other: 1-2**Levels:** Undergraduate**Schedule types:** Independent Study**Department/School:** Music**Additional Fees:** Music Instruction fee of \$35 per credit hour and Music Instruction fee of \$24 apply.**MUSI 3230 Secondary Woodwind****Prerequisites:** MUSI 1230.**Description:** Offered for variable credit, 1-2 credit hours, maximum of 8 credit hours.**Credit hours:** 1-2**Contact hours:** Contact: 1-2 Other: 1-2**Levels:** Undergraduate**Schedule types:** Independent Study**Department/School:** Music**Additional Fees:** Music Instruction fee of \$35 per credit hour and Music Instruction fee of \$24 apply.**MUSI 3240 Secondary Percussion****Prerequisites:** MUSI 1240.**Description:** Offered for variable credit, 1-2 credit hours, maximum of 8 credit hours.**Credit hours:** 1-2**Contact hours:** Contact: 1-2 Other: 1-2**Levels:** Undergraduate**Schedule types:** Independent Study**Department/School:** Music**Additional Fees:** Music Instruction fee of \$35 per credit hour and Music Instruction fee of \$24 apply.**MUSI 3250 Major Organ****Prerequisites:** MUSI 1250.**Description:** Offered for variable credit, 1-4 credit hours, maximum of 8 credit hours.**Credit hours:** 1-4**Contact hours:** Contact: 1-4 Other: 1-4**Levels:** Undergraduate**Schedule types:** Independent Study**Department/School:** Music**Additional Fees:** Music Facility Utilization fee of \$25, Music Instruction fee of \$35 per credit hour, and Music Instruction fee of \$24 apply.**MUSI 3260 Major Piano****Prerequisites:** Upper-division examination, MUSI 2260.**Description:** Offered for variable credit, 1-4 credit hours, maximum of 8 credit hours.**Credit hours:** 1-4**Contact hours:** Contact: 1-4 Other: 1-4**Levels:** Undergraduate**Schedule types:** Independent Study**Department/School:** Music**Additional Fees:** Music Facility Utilization fee of \$25, Music Instruction fee of \$35 per credit hour, and Music Instruction fee of \$24 apply.**MUSI 3270 Major Voice****Prerequisites:** Upper-division examination, MUSI 2270.**Description:** Offered for variable credit, 1-4 credit hours, maximum of 8 credit hours.**Credit hours:** 1-4**Contact hours:** Contact: 1-4 Other: 1-4**Levels:** Undergraduate**Schedule types:** Independent Study**Department/School:** Music**Additional Fees:** Music Instruction fee of \$35 per credit hour and Music Instruction fee of \$24 apply.**MUSI 3280 Major Violin****Prerequisites:** Upper-division examination, MUSI 2280.**Description:** Offered for variable credit, 1-4 credit hours, maximum of 8 credit hours.**Credit hours:** 1-4**Contact hours:** Contact: 1-4 Other: 1-4**Levels:** Undergraduate**Schedule types:** Independent Study**Department/School:** Music**Additional Fees:** Music Instruction fee of \$35 per credit hour and Music Instruction fee of \$24 apply.



**MUSI 3290 Major Viola****Prerequisites:** Upper-division examination, MUSI 2290.**Description:** Offered for variable credit, 1-4 credit hours, maximum of 8 credit hours.**Credit hours:** 1-4**Contact hours:** Contact: 1-4 Other: 1-4**Levels:** Undergraduate**Schedule types:** Independent Study**Department/School:** Music**Additional Fees:** Music Instruction fee of \$35 per credit hour and Music Instruction fee of \$24 apply.**MUSI 3300 Major Cello****Prerequisites:** Upper-division examination, MUSI 2300.**Description:** Offered for variable credit, 1-4 credit hours, maximum of 8 credit hours.**Credit hours:** 1-4**Contact hours:** Contact: 1-4 Other: 1-4**Levels:** Undergraduate**Schedule types:** Independent Study**Department/School:** Music**Additional Fees:** Music Instruction fee of \$35 per credit hour and Music Instruction fee of \$24 apply.**MUSI 3310 Major Double Bass****Prerequisites:** Upper-division examination, MUSI 2310.**Description:** Offered for variable credit, 1-4 credit hours, maximum of 8 credit hours.**Credit hours:** 1-4**Contact hours:** Contact: 1-4 Other: 1-4**Levels:** Undergraduate**Schedule types:** Independent Study**Department/School:** Music**Additional Fees:** Music Instruction fee of \$35 per credit hour and Music Instruction fee of \$24 apply.**MUSI 3340 Major Flute****Prerequisites:** Upper-division examination, MUSI 2340.**Description:** Offered for variable credit, 1-4 credit hours, maximum of 8 credit hours.**Credit hours:** 1-4**Contact hours:** Contact: 1-4 Other: 1-4**Levels:** Undergraduate**Schedule types:** Independent Study**Department/School:** Music**Additional Fees:** Music Instruction fee of \$35 per credit hour and Music Instruction fee of \$24 apply.**MUSI 3350 Major Oboe****Prerequisites:** Upper-division examination, MUSI 2350.**Description:** Offered for variable credit, 1-4 credit hours, maximum of 8 credit hours.**Credit hours:** 1-4**Contact hours:** Contact: 1-4 Other: 1-4**Levels:** Undergraduate**Schedule types:** Independent Study**Department/School:** Music**Additional Fees:** Music Instruction fee of \$35 per credit hour and Music Instruction fee of \$24 apply.**MUSI 3360 Major Clarinet****Prerequisites:** Upper-division examination, MUSI 2360.**Description:** Offered for variable credit, 1-4 credit hours, maximum of 8 credit hours.**Credit hours:** 1-4**Contact hours:** Contact: 1-4 Other: 1-4**Levels:** Undergraduate**Schedule types:** Independent Study**Department/School:** Music**Additional Fees:** Music Instruction fee of \$35 per credit hour and Music Instruction fee of \$24 apply.**MUSI 3370 Major Saxophone****Prerequisites:** Upper-division examination, MUSI 2370.**Description:** Offered for variable credit, 1-4 credit hours, maximum of 8 credit hours.**Credit hours:** 1-4**Contact hours:** Contact: 1-4 Other: 1-4**Levels:** Undergraduate**Schedule types:** Independent Study**Department/School:** Music**MUSI 3380 Major Bassoon****Prerequisites:** Upper-division examination, MUSI 2380.**Description:** Offered for variable credit, 1-4 credit hours, maximum of 8 credit hours.**Credit hours:** 1-4**Contact hours:** Contact: 1-4 Other: 1-4**Levels:** Undergraduate**Schedule types:** Independent Study**Department/School:** Music**Additional Fees:** Music Instruction fee of \$35 per credit hour and Music Instruction fee of \$24 apply.**MUSI 3390 Major Trumpet****Prerequisites:** Upper-division examination, MUSI 2390.**Description:** Offered for variable credit, 1-4 credit hours, maximum of 8 credit hours.**Credit hours:** 1-4**Contact hours:** Contact: 1-4 Other: 1-4**Levels:** Undergraduate**Schedule types:** Independent Study**Department/School:** Music**Additional Fees:** Music Instruction fee of \$35 per credit hour and Music Instruction fee of \$24 apply.**MUSI 3400 Major French Horn****Prerequisites:** Upper-division examination, MUSI 2400.**Description:** Offered for variable credit, 1-4 credit hours, maximum of 8 credit hours.**Credit hours:** 1-4**Contact hours:** Contact: 1-4 Other: 1-4**Levels:** Undergraduate**Schedule types:** Independent Study**Department/School:** Music**Additional Fees:** Music Instruction fee of \$35 per credit hour and Music Instruction fee of \$24 apply.

**MUSI 3410 Major Trombone****Prerequisites:** Upper-division examination, MUSI 2410.**Description:** Offered for variable credit, 1-4 credit hours, maximum of 8 credit hours.**Credit hours:** 1-4**Contact hours:** Contact: 1-4 Other: 1-4**Levels:** Undergraduate**Schedule types:** Independent Study**Department/School:** Music**Additional Fees:** Music Instruction fee of \$35 per credit hour and Music Instruction fee of \$24 apply.**MUSI 3420 Major Euphonium****Prerequisites:** Upper-division examination, MUSI 2420.**Description:** Offered for variable credit, 1-4 credit hours, maximum of 8 credit hours.**Credit hours:** 1-4**Contact hours:** Contact: 1-4 Other: 1-4**Levels:** Undergraduate**Schedule types:** Independent Study**Department/School:** Music**Additional Fees:** Music Instruction fee of \$35 per credit hour and Music Instruction fee of \$24 apply.**MUSI 3430 Major Tuba****Prerequisites:** Upper-division examination, MUSI 2430.**Description:** Offered for variable credit, 1-4 credit hours, maximum of 8 credit hours.**Credit hours:** 1-4**Contact hours:** Contact: 1-4 Other: 1-4**Levels:** Undergraduate**Schedule types:** Independent Study**Department/School:** Music**Additional Fees:** Music Instruction fee of \$35 per credit hour and Music Instruction fee of \$24 apply.**MUSI 3440 Major Percussion****Prerequisites:** Upper-division examination, MUSI 2440.**Description:** Offered for variable credit, 1-4 credit hours, maximum of 8 credit hours.**Credit hours:** 1-4**Contact hours:** Contact: 1-4 Other: 1-4**Levels:** Undergraduate**Schedule types:** Independent Study**Department/School:** Music**Additional Fees:** Music Facility Utilization fee of \$25, Music Instruction fee of \$35 per credit hour, and Music Instruction fee of \$24 apply.**MUSI 3460 Secondary Harpsichord****Description:** Offered for variable credit, 1-2 credit hours, maximum of 8 credit hours.**Credit hours:** 1-2**Contact hours:** Contact: 1-2 Other: 1-2**Levels:** Undergraduate**Schedule types:** Independent Study**Department/School:** Music**MUSI 3543 Music and Culture of Northern Italy (H)****Description:** Study of northern Italy's contributions to culture through music and composers, instrument makers, architecture, and visual arts.**Credit hours:** 3**Contact hours:** Lecture: 3 Contact: 3**Levels:** Undergraduate**Schedule types:** Lecture**Department/School:** Music**General Education and other Course Attributes:** Humanities**MUSI 3572 History of Opera in Society (H)****Description:** This course examines the development of opera not only as a genre of western European art music, but also as a class-based form of theatrical entertainment that served as commentary on contemporary artistic, social, and political issues.**Credit hours:** 2**Contact hours:** Lecture: 2 Contact: 2**Levels:** Undergraduate**Schedule types:** Lecture**Department/School:** Music**General Education and other Course Attributes:** Humanities**MUSI 3573 America's Ethnic Music (DH)****Description:** A survey of the ethnic settlers of America and their musical traditions and literatures. Particular emphasis is given to settlers indigenous to Oklahoma. Students will examine their individual ethnic roots in music, family traditions, and life passages (births, deaths, celebrations).**Credit hours:** 3**Contact hours:** Lecture: 3 Contact: 3**Levels:** Undergraduate**Schedule types:** Lecture**Department/School:** Music**General Education and other Course Attributes:** Diversity, Humanities**MUSI 3582 Survey of World Musics****Description:** Survey of musical systems, performance practices, and philosophies from around the world, highlighting non-Western musics.**Credit hours:** 2**Contact hours:** Lecture: 2 Contact: 2**Levels:** Undergraduate**Schedule types:** Lecture**Department/School:** Music**MUSI 3583 Traditional World Music (H)****Description:** Survey of the richly diverse musics of the world, emphasizing traditional musical practices. Exploration of the wide parameters of musical possibilities and the distinct priorities of various musical cultures, in order to gain insight and appreciation.**Credit hours:** 3**Contact hours:** Lecture: 3 Contact: 3**Levels:** Undergraduate**Schedule types:** Lecture**Department/School:** Music**General Education and other Course Attributes:** Humanities

**MUSI 3592 Introduction to Music Technology**

**Prerequisites:** MUSI 1542 with a minimum grade of "C" or MUSI 1543 with a minimum grade of "C".

**Description:** Introduction to specialized computer applications in music, including music notation, digital audio recording, processing and editing.

**Credit hours:** 2

**Contact hours:** Lecture: 2 Contact: 2

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Music

**MUSI 3593 Video Game Music**

**Description:** This course examines the role of music as well as sound design (effects and ambient sounds) in video games. The course traces the history of video game music, exploring the similarities and differences from film music. Students focus on the interactivity and nonlinearity of video game music.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Music

**MUSI 3610 University Bands II**

**Prerequisites:** 4 hours of MUSI 2610.

**Description:** Advanced study of a wide variety of music in all areas of band literature. Offered for fixed, 1 fixed credit hour, maximum of 36 credit hours.

**Credit hours:** 1

**Contact hours:** Lab: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lab

**Department/School:** Music

**MUSI 3620 Symphony Orchestra II**

**Description:** Advanced study of a wide variety of music in all areas of orchestral literature. Offered for fixed credit, 1 fixed credit hour, maximum of 36 credit hours.

**Credit hours:** 1

**Contact hours:** Lab: 4 Contact: 4

**Levels:** Undergraduate

**Schedule types:** Lab

**Department/School:** Music

**MUSI 3630 University Choral Ensembles II**

**Description:** Advanced study of a wide variety of music in all areas of choral literature. Offered for fixed credit, 1 fixed credit hour, maximum of 36 credit hours.

**Credit hours:** 1

**Contact hours:** Lab: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lab

**Department/School:** Music

**Additional Fees:** Music Facility Utilization fee of \$40 and Music Instruction fee of \$24 apply.

**MUSI 3640 Vocal Rehearsal Practicum**

**Prerequisites:** MUSI 3712 with a minimum grade of "C"; AND MUSI 3832 with a minimum grade of "C"; and (MUSI 3932 with a minimum grade of "C" OR concurrent enrollment in MUSI 3932); OR consent of instructor.

**Description:** Designed for Vocal Music Education majors who are within two semesters of student teaching. This course prepares future teachers with classroom skills using one of the choral ensemble or lab group as their rehearsal medium. Previously offered as MUSI 3942. Same course as MUSI 3942. Offered for variable credit, 1-2 credit hours, maximum of 3 credit hours.

**Credit hours:** 1-2

**Contact hours:** Lab: 2-4 Contact: 2-4

**Levels:** Undergraduate

**Schedule types:** Lab

**Department/School:** Music

**MUSI 3641 Instrumental Rehearsal Practicum**

**Description:** Designed for Instrumental Music Education majors who are within two semesters of student teaching. This course prepares future teachers with classroom skills using an instrumental ensemble or lab group as their rehearsal medium. Previously offered as MUSI 3942 and MUSI 3640. Same course as MUSI 3640. Prerequisite(s): MUSI 3712 with a minimum grade of "C"; and MUSI 3832 with a minimum grade of "C"; AND concurrent enrollment in MUSI 3852 OR MUSI 3862; OR consent of instructor.

**Credit hours:** 1

**Contact hours:** Lab: 2 Contact: 2

**Levels:** Undergraduate

**Schedule types:** Lab

**Department/School:** Music

**MUSI 3642 English and Italian Diction and Vocal Literature**

**Description:** Course is designed for vocal performance majors, vocal music education majors and other serious voice students to assist them in mastering correct pronunciation and diction for singing standard English and Italian through the study and use of the international phonetic alphabet, and to familiarize them with many of the composers and songs which comprise the standard English and Italian vocal literature.

**Credit hours:** 2

**Contact hours:** Lecture: 2 Contact: 2

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Music

**MUSI 3652 French Diction and Vocal Literature**

**Description:** Course is designed for vocal performance majors, vocal music education majors and other serious voice students to assist them in mastering correct pronunciation and diction for singing in French through the study and use of the international phonetic alphabet, and to familiarize them with many of the composers and songs which comprise the standard French vocal literature.

**Credit hours:** 2

**Contact hours:** Lecture: 2 Contact: 2

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Music

**MUSI 3662 German Diction and Vocal Literature**

**Description:** Course is designed for vocal performance majors, vocal music education majors and other serious voice students to assist them in mastering correct pronunciation and diction for singing in German through the study and use of the international phonetic alphabet, and to familiarize them with many of the composers and songs which comprise the standard German vocal literature.

**Credit hours:** 2

**Contact hours:** Lecture: 2 Contact: 2

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Music

**MUSI 3672 Music Technology II**

**Prerequisites:** MUSI 3592 with a minimum grade of "C".

**Description:** This course is a continuation of MUSI 3592. Music technology is a significant force in many aspects of contemporary music. This is especially apparent in the "pop" world (examples including amplification effects, synthetic instruments, music videos, and performance augmentation), but technology is not limited to this genre alone. MUSI 3672 will focus on acoustics, recording techniques, sound design and sound effects.

**Credit hours:** 2

**Contact hours:** Lecture: 2 Contact: 2

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Music

**MUSI 3712 Basic Conducting**

**Description:** Principles of conducting choral and instrumental groups.

**Credit hours:** 2

**Contact hours:** Lecture: 2 Contact: 2

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Music

**MUSI 3722 Advanced Ensemble Conducting**

**Prerequisites:** MUSI 3712 with a minimum grade of "C".

**Description:** Studies in advanced physical conducting techniques and score orientation, score reading, score analysis, and score interpretation.

**Credit hours:** 2

**Contact hours:** Lecture: 2 Contact: 2

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Music

**MUSI 3732 Secondary Choral Methods**

**Prerequisites:** MUSI 3712 with a minimum grade of "C".

**Description:** Repertoire, rehearsal procedures, and vocal techniques for the public school choral teacher.

**Credit hours:** 2

**Contact hours:** Lecture: 2 Contact: 2

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Music

**MUSI 3741 Survey of Rock and Roll I**

**Description:** An examination of the cultural and musical elements that led to the advent of Rock and Roll, through an exploration of the evolution of the music from its inception to 1980 through lecture, reading and musical recordings.

**Credit hours:** 1

**Contact hours:** Lecture: 1 Contact: 1

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Music

**MUSI 3751 Survey of Rock and Roll II**

**Description:** An examination of the cultural and musical elements that led to the advent of Rock and Roll, through an exploration of the music from 1980 to the present.

**Credit hours:** 1

**Contact hours:** Lecture: 1 Contact: 1

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Music

**MUSI 3753 History of Music to 1600 (H)**

**Prerequisites:** MUSI 1542 with a minimum grade of "C" or MUSI 1543 with a minimum grade of "C".

**Description:** Aids music majors and other qualified students in understanding the musical styles, forms, schools, composers and instruments that developed in Western civilization from antiquity through the Renaissance period.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Music

**General Education and other Course Attributes:** Humanities

**MUSI 3763 History of Music from 1600-1800**

**Prerequisites:** MUSI 1542 with a minimum grade of "C" or MUSI 1543 with a minimum grade of "C".

**Description:** Aids music majors and other qualified students in understanding the musical styles, forms, schools, composers and instruments that developed in Western civilization from the Baroque period through to the Classical period.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Music

**MUSI 3772 Counterpoint**

**Prerequisites:** (MUSI 2562 with a minimum grade of "C" or MUSI 2563 with a minimum grade of "C") and consent of instructor.

**Description:** Analysis and application of contrapuntal techniques of the 18th century. Students will be expected to have successfully passed the Upper-Division Theory Barrier Exam before enrolling in the course.

**Credit hours:** 2

**Contact hours:** Lecture: 2 Contact: 2

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Music

**MUSI 3783 Form And Analysis**

**Prerequisites:** MUSI 2552 with minimum grade of "C" and successfully pass the Upper-Division Theory Barrier Exam.

**Description:** Analysis of standard repertoire with emphasis on form and structural harmonic analysis.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Music

**Additional Fees:** Music Instruction fee of \$24 applies.

**MUSI 3832 Elementary Music Methods**

**Prerequisites:** MUSI 2722 with a minimum grade of "C".

**Description:** An overview of effective methods, techniques and materials for teaching music to children in the elementary grades. Theories of child development and implications on music learning; current philosophies or approaches for teaching music (Kodaly, Orff, and Dalcroze); designing and teaching musical activities through which children learn musical concepts and develop musical skills. Previously offered as MUSI 2832.

**Credit hours:** 2

**Contact hours:** Lecture: 2 Contact: 2

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Music

**MUSI 3842 Marching Bands Methods**

**Prerequisites:** MUSI 2722 with a minimum grade of "C" and (MUSI 3832 with a minimum grade of "C" or concurrent enrollment) and (concurrent enrollment in MUSI 2610 or MUSI 3610 (marching band)).

**Description:** Organizational responsibilities and charting for public school marching bands. Must be taken concurrently with MUSI 2610 or MUSI 3610 (marching band).

**Credit hours:** 2

**Contact hours:** Lecture: 2 Contact: 2

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Music

**MUSI 3852 Secondary Instrumental Methods**

**Prerequisites:** MUSI 3712 with a minimum grade of "C" and MUSI 3832 with a minimum grade of "C".

**Description:** This course is designed to give instrumental music education majors an in-depth look at administering a public school band program, including history and wind literature, literature selection, preparing budgets, preparing commissioning projects, working with administration, school boards and parent groups, organizational responsibilities, and charting for public school marching bands.

**Credit hours:** 2

**Contact hours:** Lecture: 2 Contact: 2

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Music

**MUSI 3862 String Orchestra Methods**

**Prerequisites:** MUSI 2722 with a minimum grade of "C".

**Description:** This course is designed to give string music education majors an in-depth look at administering a public school orchestra program, including history and string literature, literature selection, preparing budgets, working with administration, school boards and parent groups, organizational responsibilities, and concepts specifically related to string teaching and learning.

**Credit hours:** 2

**Contact hours:** Lecture: 2 Contact: 2

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Music

**MUSI 3873 History of Music from 1800-Present**

**Description:** Aids music majors and other qualified students in understanding the musical styles, forms, schools, composers and instruments that developed in Western civilization from the Romantic period through to the present.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Music

**MUSI 3883 History of Popular Music**

**Description:** A survey of popular music, the course traces its developments and explores its derivatives until present day. In addition to music analysis, discussion on the subject explores the appeal of popular music, the means of dissemination, and society. May not be used for degree credit with MUSI 2763.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Music

**MUSI 3901 Junior Recital**

**Prerequisites:** Junior standing and consent of major applied music teacher.

**Description:** The objective of this course is to prepare and perform a junior recital that meets the necessary artistic and technical standards expected of a junior music major.

**Credit hours:** 1

**Contact hours:** Contact: 1 Other: 1

**Levels:** Undergraduate

**Schedule types:** Independent Study

**Department/School:** Music

**Additional Fees:** Recital/Performance fee of \$100 applies.

**MUSI 3932 Intermediate Music Methods**

**Prerequisites:** MUSI 3832 with a minimum grade of "C".

**Description:** Second in a series of three methods courses for vocal music education majors. Hands-on teaching experiences. Topics include curriculum design and evaluation; technology for music instruction; repertoire selection and effective rehearsal techniques. Previously offered as MUSI 2832.

**Credit hours:** 2

**Contact hours:** Lecture: 2 Contact: 2

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Music



**MUSI 4042 Collaborative Piano I**

**Prerequisites:** Music major status or consent of instructor.

**Description:** This course introduces pianists to various collaborative works focusing on vocal repertoire from early Italian songs written in the late Renaissance era through the music of our times. This course will feature class performance and coaching sessions, and discussions of style and practical rehearsal techniques, with listening and reading assignments. Through the course, students will learn the art of collaborating with vocalists. No credit for students with credit in MUSI 5042.

**Credit hours:** 2

**Contact hours:** Lecture: 2 Contact: 2

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Music

**MUSI 4051 Introduction to Woodwind Repair and Maintenance**

**Description:** Beginning woodwind repair and maintenance involves hands-on instruction on basic repair for woodwind instruments, including saxophone, clarinet, and flute. Woodwind repair experts will guest lecture in addition to the primary instructor.

**Credit hours:** 1

**Contact hours:** Lecture: 1 Contact: 1

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Music

**MUSI 4080 Music Composition**

**Prerequisites:** Consent of instructor, MUSI 2080.

**Description:** Practical experience in musical composition. Offered for 2 credit hours.

**Credit hours:** 2

**Contact hours:** Contact: 2 Other: 2

**Levels:** Undergraduate

**Schedule types:** Independent Study

**Department/School:** Music

**MUSI 4100 Music Industry Internship**

**Prerequisites:** 90 credit hours and minimum 2.50 GPA in all music and business courses.

**Description:** Directed practical experiences in an approved work situation related to the music industry. Offered for variable credit, 1-8 credit hours, maximum of 8 credit hours.

**Credit hours:** 1-8

**Contact hours:** Contact: 1-8 Other: 1-8

**Levels:** Undergraduate

**Schedule types:** Independent Study

**Department/School:** Music

**MUSI 4142 Collaborative Piano II**

**Prerequisites:** Music major status or consent of instructor.

**Description:** This course introduces pianists to duo/chamber repertoire written for piano with various instruments. This course will feature class performances, discussions of style and practical techniques in rehearsal, and recital performances as a collaborative pianist. The course will focus on repertoire from the Baroque era to the present, including works for solo instruments and piano, duo sonatas, character pieces, and chamber music for 3 or more instruments. May not be used for degree credit with MUSI 5142.

**Credit hours:** 2

**Contact hours:** Lecture: 2 Contact: 2

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Music

**MUSI 4250 Major Organ**

**Credit hours:** 1-4

**Contact hours:** Contact: 1-4 Other: 1-4

**Levels:** Undergraduate

**Schedule types:** Independent Study

**Department/School:** Music

**Additional Fees:** Music Facility Utilization fee of \$25, Music Instruction fee of \$35 per credit hour, and Music Instruction fee of \$24 apply.

**MUSI 4260 Major Piano**

**Prerequisites:** MUSI 3260 and successful completion of recital attendance requirements.

**Description:** Offered for variable credit, 1-4 credit hours, maximum of 8 credit hours.

**Credit hours:** 1-4

**Contact hours:** Contact: 1-4 Other: 1-4

**Levels:** Undergraduate

**Schedule types:** Independent Study

**Department/School:** Music

**Additional Fees:** Music Facility Utilization fee of \$25, Music Instruction fee of \$35 per credit hour, and Music Instruction fee of \$24 apply.

**MUSI 4270 Major Voice**

**Prerequisites:** MUSI 3270 and successful completion of recital attendance requirements.

**Description:** Offered for variable credit, 1-4 credit hours, maximum of 8 credit hours.

**Credit hours:** 1-4

**Contact hours:** Contact: 1-4 Other: 1-4

**Levels:** Undergraduate

**Schedule types:** Independent Study

**Department/School:** Music

**Additional Fees:** Music Instruction fee of \$35 per credit hour and Music Instruction fee of \$24 apply.

**MUSI 4280 Major Violin**

**Prerequisites:** MUSI 3280 and successful completion of recital attendance requirements.

**Description:** Offered for variable credit, 1-4 credit hours, maximum of 8 credit hours.

**Credit hours:** 1-4

**Contact hours:** Contact: 1-4 Other: 1-4

**Levels:** Undergraduate

**Schedule types:** Independent Study

**Department/School:** Music

**Additional Fees:** Music Instruction fee of \$35 per credit hour and Music Instruction fee of \$24 apply.

**MUSI 4290 Major Viola**

**Prerequisites:** MUSI 3290 and successful completion of recital attendance requirements.

**Description:** Offered for variable credit, 1-4 credit hours, maximum of 8 credit hours.

**Credit hours:** 1-4

**Contact hours:** Contact: 1-4 Other: 1-4

**Levels:** Undergraduate

**Schedule types:** Independent Study

**Department/School:** Music

**Additional Fees:** Music Instruction fee of \$35 per credit hour and Music Instruction fee of \$24 apply.



**MUSI 4300 Major Cello**

**Prerequisites:** MUSI 3300 and successful completion of recital attendance requirements.

**Description:** Offered for variable credit, 1-4 credit hours, maximum of 8 credit hours.

**Credit hours:** 1-4

**Contact hours:** Contact: 1-4 Other: 1-4

**Levels:** Undergraduate

**Schedule types:** Independent Study

**Department/School:** Music

**Additional Fees:** Music Instruction fee of \$35 per credit hour and Music Instruction fee of \$24 apply.

**MUSI 4310 Major Double Bass**

**Prerequisites:** MUSI 3310 and successful completion of recital attendance requirements.

**Description:** Offered for variable credit, 1-4 credit hours, maximum of 8 credit hours.

**Credit hours:** 1-4

**Contact hours:** Contact: 1-4 Other: 1-4

**Levels:** Undergraduate

**Schedule types:** Independent Study

**Department/School:** Music

**Additional Fees:** Music Instruction fee of \$35 per credit hour and Music Instruction fee of \$24 apply.

**MUSI 4340 Major Flute**

**Prerequisites:** MUSI 3340 and successful completion of recital attendance requirements.

**Description:** Offered for variable credit, 1-4 credit hours, maximum of 8 credit hours.

**Credit hours:** 1-4

**Contact hours:** Contact: 1-4 Other: 1-4

**Levels:** Undergraduate

**Schedule types:** Independent Study

**Department/School:** Music

**Additional Fees:** Music Instruction fee of \$35 per credit hour and Music Instruction fee of \$24 apply.

**MUSI 4350 Major Oboe**

**Prerequisites:** MUSI 3350 and successful completion of recital attendance requirements.

**Description:** Offered for variable credit, 1-4 credit hours, maximum of 8 credit hours.

**Credit hours:** 1-4

**Contact hours:** Contact: 1-4 Other: 1-4

**Levels:** Undergraduate

**Schedule types:** Independent Study

**Department/School:** Music

**Additional Fees:** Music Instruction fee of \$35 per credit hour and Music Instruction fee of \$24 apply.

**MUSI 4360 Major Clarinet**

**Prerequisites:** MUSI 3360 and successful completion of recital attendance requirements.

**Description:** Offered for variable credit, 1-4 credit hours, maximum of 8 credit hours.

**Credit hours:** 1-4

**Contact hours:** Contact: 1-4 Other: 1-4

**Levels:** Undergraduate

**Schedule types:** Independent Study

**Department/School:** Music

**Additional Fees:** Music Instruction fee of \$35 per credit hour and Music Instruction fee of \$24 apply.

**MUSI 4370 Major Saxophone**

**Prerequisites:** MUSI 3370 and successful completion of recital attendance requirements.

**Description:** Offered for variable credit, 1-4 credit hours, maximum of 8 credit hours.

**Credit hours:** 1-4

**Contact hours:** Contact: 1-4 Other: 1-4

**Levels:** Undergraduate

**Schedule types:** Independent Study

**Department/School:** Music

**Additional Fees:** Music Instruction fee of \$35 per credit hour and Music Instruction fee of \$24 apply.

**MUSI 4380 Major Bassoon**

**Prerequisites:** MUSI 3380 and successful completion of recital attendance requirements.

**Description:** Offered for variable credit, 1-4 credit hours, maximum of 8 credit hours.

**Credit hours:** 1-4

**Contact hours:** Contact: 1-4 Other: 1-4

**Levels:** Undergraduate

**Schedule types:** Independent Study

**Department/School:** Music

**Additional Fees:** Music Instruction fee of \$35 per credit hour and Music Instruction fee of \$24 apply.

**MUSI 4390 Major Trumpet**

**Prerequisites:** MUSI 3390 and successful completion of recital attendance requirements.

**Description:** Offered for variable credit, 1-4 credit hours, maximum of 8 credit hours.

**Credit hours:** 1-4

**Contact hours:** Contact: 1-4 Other: 1-4

**Levels:** Undergraduate

**Schedule types:** Independent Study

**Department/School:** Music

**Additional Fees:** Music Instruction fee of \$35 per credit hour and Music Instruction fee of \$24 apply.

**MUSI 4400 Major French Horn**

**Prerequisites:** MUSI 3400 and successful completion of recital attendance requirements.

**Description:** Offered for variable credit, 1-4 credit hours, maximum of 8 credit hours.

**Credit hours:** 1-4

**Contact hours:** Contact: 1-4 Other: 1-4

**Levels:** Undergraduate

**Schedule types:** Independent Study

**Department/School:** Music

**Additional Fees:** Music Instruction fee of \$35 per credit hour and Music Instruction fee of \$24 apply.

**MUSI 4410 Major Trombone**

**Prerequisites:** MUSI 3410 and successful completion of recital attendance requirements.

**Description:** Offered for variable credit, 1-4 credit hours, maximum of 8 credit hours.

**Credit hours:** 1-4

**Contact hours:** Contact: 1-4 Other: 1-4

**Levels:** Undergraduate

**Schedule types:** Independent Study

**Department/School:** Music

**Additional Fees:** Music Instruction fee of \$35 per credit hour and Music Instruction fee of \$24 apply.

**MUSI 4420 Major Euphonium**

**Prerequisites:** MUSI 3420 and successful completion of recital attendance requirements.

**Description:** Offered for variable credit, 1-4 credit hours, maximum of 8 credit hours.

**Credit hours:** 1-4

**Contact hours:** Contact: 1-4 Other: 1-4

**Levels:** Undergraduate

**Schedule types:** Independent Study

**Department/School:** Music

**Additional Fees:** Music Instruction fee of \$35 per credit hour and Music Instruction fee of \$24 apply.

**MUSI 4430 Major Tuba**

**Prerequisites:** MUSI 3430 and successful completion of recital attendance requirements.

**Description:** Offered for variable credit, 1-4 credit hours, maximum of 8 credit hours.

**Credit hours:** 1-4

**Contact hours:** Contact: 1-4 Other: 1-4

**Levels:** Undergraduate

**Schedule types:** Independent Study

**Department/School:** Music

**Additional Fees:** Music Instruction fee of \$35 per credit hour and Music Instruction fee of \$24 apply.

**MUSI 4440 Major Percussion**

**Prerequisites:** 3440 and successful completion of recital attendance requirements.

**Description:** Offered for variable credit, 1-4 credit hours, maximum of 8 credit hours.

**Credit hours:** 1-4

**Contact hours:** Contact: 1-4 Other: 1-4

**Levels:** Undergraduate

**Schedule types:** Independent Study

**Department/School:** Music

**Additional Fees:** Music Facility Utilization fee of \$25, Music Instruction fee of \$35 per credit hour, and Music Instruction fee of \$24 apply.

**MUSI 4450 Major Harpsichord**

**Description:** Offered for variable credit, 1-4 credit hours, maximum of 8 credit hours.

**Credit hours:** 1-4

**Contact hours:** Contact: 1-4 Other: 1-4

**Levels:** Undergraduate

**Schedule types:** Independent Study

**Department/School:** Music

**MUSI 4480 Elective Applied Lessons**

**Prerequisites:** Permission of instructor.

**Description:** Applied lessons for non-music majors or for majors studying secondary instruments.

**Credit hours:** 1-2

**Contact hours:** Contact: 1-2 Other: 1-2

**Levels:** Undergraduate

**Schedule types:** Independent Study

**Department/School:** Music

**MUSI 4600 Chamber Ensembles**

**Description:** Combinations of voice, keyboard, and orchestral instruments for performing chamber music, music theater and duo piano repertoire. Same course as MUSI 5600. Offered for fixed credit, 1 fixed credit hour, maximum of 36 credit hours.

**Credit hours:** 1

**Contact hours:** Lab: 2 Contact: 2

**Levels:** Undergraduate

**Schedule types:** Lab

**Department/School:** Music

**Additional Fees:** Music Facility Utilization fee of \$40 applies.

**MUSI 4700 Piano Accompanying**

**Prerequisites:** Music major status or consent of instructor.

**Description:** The course is designed for piano students to develop techniques needed to study, analyze, and perform as accompanists. The piano majors will have one-hour weekly coaching sessions and learn various duo repertoire in collaborations with a vocalist and an instrumentalist assigned by the instructor of the course throughout the semester. Same course as MUSI 5700.

**Credit hours:** 1

**Contact hours:** Contact: 1 Other: 1

**Levels:** Undergraduate

**Schedule types:** Independent Study

**Department/School:** Music

**MUSI 4742 Student Teaching Seminar in Music Education**

**Prerequisites:** MUSI 3832 with a minimum grade of "C".

**Description:** This course is designed to foster the growth of skills necessary for successful music teaching in the public schools. Taught in conjunction with MUSI 4940, student teaching in the public schools. In-class seminars and on-line discussions will focus on current trends, issues, and challenges facing music educators today. Previously offered as MUSI 3743.

**Credit hours:** 2

**Contact hours:** Lecture: 1 Contact: 2 Other: 1

**Levels:** Undergraduate

**Schedule types:** Discussion, Combined lecture & discussion, Lecture

**Department/School:** Music

**MUSI 4810 Problems in Musical Composition**

**Prerequisites:** MUSI 1542 with a minimum grade of "C" or MUSI 1543 with a minimum grade of "C".

**Description:** Practical experience in musical composition. May not be used for degree credit with MUSI 5810. Offered for variable credit, 1-2 credit hours, maximum of 8 credit hours.

**Credit hours:** 1-2

**Contact hours:** Contact: 1-2 Other: 1-2

**Levels:** Undergraduate

**Schedule types:** Independent Study

**Department/School:** Music

**MUSI 4812 Performance and Analysis**

**Prerequisites:** Junior standing as a music major or consent of instructor.

**Description:** An overview of the relationship between performance and analysis within the field of music theory. No degree credit for students with credit in MUSI 5812.

**Credit hours:** 2

**Contact hours:** Lecture: 2 Contact: 2

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Music

**MUSI 4840 Special Studies in Music Literature****Prerequisites:** Junior standing or consent of instructor.**Description:** Survey of music literature suitable for teaching various levels in applied music. Offered for fixed credit, 2 fixed credit hours, maximum of 4 credit hours.**Credit hours:** 2**Contact hours:** Contact: 2 Other: 2**Levels:** Undergraduate**Schedule types:** Independent Study**Department/School:** Music**MUSI 4842 Choral Literature for the Classroom****Prerequisites:** MUSI 3732 with a minimum grade of "C".**Description:** Exploration of the vast amount of choral literature available to the choral conductor. Includes repertoire for all ages and all voices.**Credit hours:** 2**Contact hours:** Lecture: 2 Contact: 2**Levels:** Undergraduate**Schedule types:** Lecture**Department/School:** Music**MUSI 4890 Special Studies in Music Pedagogy****Prerequisites:** Junior standing or consent of instructor.**Description:** Survey of music pedagogical methods suitable for various levels and types of applied music. May not be used for degree credit with MUSI 5890. Offered for variable credit, 1-2 credit hours, maximum of 4 credit hours.**Credit hours:** 1-2**Contact hours:** Contact: 1-2 Other: 1-2**Levels:** Undergraduate**Schedule types:** Independent Study**Department/School:** Music**MUSI 4901 Senior Recital****Prerequisites:** Senior standing and permission of major applied music teacher.**Description:** The objective of this course is to prepare and perform a senior recital that meets the necessary artistic and technical standards expected of a senior music major.**Credit hours:** 1**Contact hours:** Contact: 1 Other: 1**Levels:** Undergraduate**Schedule types:** Independent Study**Department/School:** Music**Additional Fees:** Recital/Performance fee of \$100 applies.**MUSI 4912 Orchestration and Arranging****Prerequisites:** Upper-division standing as a music major or consent of instructor.**Description:** Orchestrating for instrumental ensembles and arranging for choral ensembles.**Credit hours:** 2**Contact hours:** Lecture: 2 Contact: 2**Levels:** Undergraduate**Schedule types:** Lecture**Department/School:** Music**Additional Fees:** Music Instruction fee of \$24 applies.**MUSI 4940 Student Teaching in Public School Music****Prerequisites:** Full admission to Professional Education.**Description:** Directed observation, seminars, and supervised student teaching in selected elementary and secondary music programs. Graded on a pass-fail basis. Offered for variable credit, 6-10 credit hours, maximum of 10 credit hours.**Credit hours:** 6-10**Contact hours:** Contact: 6-10 Other: 6-10**Levels:** Undergraduate**Schedule types:** Independent Study**Department/School:** Music**Additional Fees:** Music Teaching fee of \$25 applies.**MUSI 4952 Music in the School Curriculum****Description:** Aims, content and motivation of the music education program in elementary and secondary schools from the standpoint of the classroom teacher, music specialist and administrator. May not be used for degree credit with MUSI 5952.**Credit hours:** 2**Contact hours:** Lecture: 3 Contact: 3**Levels:** Undergraduate**Schedule types:** Lecture**Department/School:** Music**MUSI 4962 Music Education Seminar****Description:** Research into latest developments of public school choral and instrumental music. May not be used for degree credit with MUSI 5942.**Credit hours:** 2**Contact hours:** Lecture: 3 Contact: 3**Levels:** Undergraduate**Schedule types:** Lecture**Department/School:** Music**MUSI 4972 Post Tonal Analysis****Prerequisites:** MUSI 2552 with minimum grade of "C" and successfully pass the Upper-Division Theory Barrier Exam.**Description:** Techniques for the analysis of music from the 20th and 21st centuries, including set analysis.**Credit hours:** 2**Contact hours:** Lecture: 2 Contact: 2**Levels:** Undergraduate**Schedule types:** Lecture**Department/School:** Music**Additional Fees:** Music Instruction fee of \$24 applies.**MUSI 4990 Selected Studies in Music and Music Education****Description:** Short-term area studies in music and music education. Offered for variable credit, 1-3 credit hours, maximum of 8 credit hours.**Credit hours:** 1-3**Contact hours:** Contact: 1-3 Other: 1-3**Levels:** Undergraduate**Schedule types:** Independent Study**Department/School:** Music

**MUSI 4993 Senior Honors Project**

**Prerequisites:** Departmental invitation, senior standing, Honors Program participation.

**Description:** A guided program in musicological research, music composition, or music performance, ending with an honors project under the direction of a faculty member with a second faculty member to complete an examining committee. Required for graduation with departmental honors in music.

**Credit hours:** 3

**Contact hours:** Contact: 3 Other: 3

**Levels:** Undergraduate

**Schedule types:** Independent Study

**Department/School:** Music

**General Education and other Course Attributes:** Honors Credit

**MUSI 5002 Final Degree Performance**

**Description:** Prepare and perform or conduct a public concert or recital of significant repertoire.

**Credit hours:** 2

**Contact hours:** Contact: 2 Other: 2

**Levels:** Graduate

**Schedule types:** Independent Study

**Department/School:** Music

**MUSI 5012 Final Degree Project and Oral Examination**

**Description:** Final capstone project in performance or conducting as assigned by disciplinary area, and cumulative oral examination before a designated committee of faculty. Detailed information on acceptable projects are found in the Graduate Music Student Handbook. Previously offered as MUSI 5004.

**Credit hours:** 2

**Contact hours:** Contact: 2 Other: 2

**Levels:** Graduate

**Schedule types:** Independent Study

**Department/School:** Music

**MUSI 5022 Graduate Theory Review**

**Description:** Designed as a review of musical analysis materials and techniques necessary to prepare students for further studies in music analysis at the graduate level. Enrollment is mandated or encouraged based on entrance exam scores.

**Credit hours:** 2

**Contact hours:** Lecture: 2 Contact: 2

**Levels:** Graduate

**Schedule types:** Lecture

**Department/School:** Music

**MUSI 5032 Graduate History Review**

**Description:** A review of the development of Western European art music from the medieval era to the present day to enable graduate students to study music history at the graduate level. Enrollment is mandated or encouraged based on entrance exam scores.

**Credit hours:** 2

**Contact hours:** Lecture: 2 Contact: 2

**Levels:** Graduate

**Schedule types:** Lecture

**Department/School:** Music

**MUSI 5042 Collaborative Piano I**

**Prerequisites:** Music major status or consent of instructor.

**Description:** This course introduces pianists to various collaborative works focusing on vocal repertoire from early Italian songs written in the late Renaissance era through the music of our times. This course will feature class performance and coaching sessions, and discussions of style and practical rehearsal techniques, with listening and reading assignments. Through the course, students will learn the art of collaborating with vocalists. May not be used for degree credit with credit in MUSI 4042.

**Credit hours:** 2

**Contact hours:** Lecture: 2 Contact: 2

**Levels:** Graduate

**Schedule types:** Lecture

**Department/School:** Music

**MUSI 5051 Introduction to Woodwind Repair and Maintenance**

**Description:** Beginning woodwind repair and maintenance involves hands-on instruction on basic repair for woodwind instruments, including saxophone, clarinet, and flute. Woodwind repair experts will guest lecture in addition to the primary instructor.

**Credit hours:** 1

**Contact hours:** Lecture: 1 Contact: 1

**Levels:** Graduate

**Schedule types:** Lecture

**Department/School:** Music

**MUSI 5113 Introduction to Graduate Studies in Music**

**Prerequisites:** Admission to Master of Music program.

**Description:** Understanding of the resources available for research in the field of music. Explanation of the types of research materials needed for classes in the Master of Music degree program, as well as providing the groundwork for success in the professional world as a music educator and performer.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Graduate

**Schedule types:** Lecture

**Department/School:** Music

**MUSI 5142 Collaborative Piano II**

**Prerequisites:** Music major status or consent of instructor.

**Description:** This course introduces pianists to duo/chamber repertoire written for piano with various instruments. This course will feature class performances, discussions of style and practical techniques in rehearsal, and recital performances as a collaborative pianist. The course will focus on repertoire from the Baroque era to the present, including works for solo instruments and piano, duo sonatas, character pieces, and chamber music for 3 or more instruments. May not be used for degree credit with MUSI 4142.

**Credit hours:** 2

**Contact hours:** Lecture: 2 Contact: 2

**Levels:** Graduate

**Schedule types:** Lecture

**Department/School:** Music

**MUSI 5480 Lessons in Applied Music (Minor Field)**

**Prerequisites:** Bachelor's degree or equivalent performance level in applied major field.

**Description:** Offered for variable credit, 1-4 credit hours, maximum of 12 credit hours.

**Credit hours:** 1-4

**Contact hours:** Contact: 1-4 Other: 1-4

**Levels:** Graduate

**Schedule types:** Independent Study

**Department/School:** Music

**Additional Fees:** Music Instruction fee of \$65 per credit hour applies.

**MUSI 5490 Lessons in Applied Music (Major Field)**

**Prerequisites:** Bachelor's degree or equivalent performing level in applied major field.

**Description:** Private Lessons. Offered for variable credit, 1-4 credit hours, maximum of 12 credit hours.

**Credit hours:** 1-4

**Contact hours:** Contact: 1-4 Other: 1-4

**Levels:** Graduate

**Schedule types:** Independent Study

**Department/School:** Music

**Additional Fees:** Music Instruction fee of \$65 per credit hour applies.

**MUSI 5512 Advanced Studies in Music Literature and Pedagogy I**

**Prerequisites:** MUSI 3753, MUSI 3763 or equivalent.

**Description:** Techniques of successful programming, teaching and performance of ensemble literature through a survey of repertoire appropriate to the student's chosen medium.

**Credit hours:** 2

**Contact hours:** Contact: 2 Other: 2

**Levels:** Graduate

**Schedule types:** Independent Study

**Department/School:** Music

**MUSI 5522 Advanced Studies in Music Literature and Pedagogy II**

**Prerequisites:** MUSI 3753, MUSI 3763 or equivalent.

**Description:** A continuation of MUSI 5512, with emphasis upon music of the 20th century and its attendant specialized performance techniques.

**Credit hours:** 2

**Contact hours:** Contact: 3 Other: 3

**Levels:** Graduate

**Schedule types:** Independent Study

**Department/School:** Music

**MUSI 5600 Chamber Ensembles**

**Description:** Combinations of voice, keyboard, orchestral instruments for performing chamber music, music theater and duo piano repertoire. Offered for variable credit, 1-2 credit hours, maximum of 36 credit hours.

**Credit hours:** 1-2

**Contact hours:** Lab: 2-4 Contact: 2-4

**Levels:** Graduate

**Schedule types:** Lab

**Department/School:** Music

**Additional Fees:** Music Facility Utilization fee of \$40 applies.

**MUSI 5610 University Bands**

**Description:** Advanced study of a wide variety of music in all areas of band literature. Offered for variable credit, 1-2 credit hours, maximum of 36 credit hours.

**Credit hours:** 1-2

**Contact hours:** Lab: 2-4 Contact: 2-4

**Levels:** Graduate

**Schedule types:** Lab

**Department/School:** Music

**Additional Fees:** Music Instruction fee of \$24 applies.

**MUSI 5620 Symphony Orchestra**

**Description:** Advanced study of a wide variety of music in all areas of orchestral literature. Offered for variable credit, 1-2 credit hours, maximum of 36 credit hours.

**Credit hours:** 1-2

**Contact hours:** Lab: 4-8 Contact: 4-8

**Levels:** Graduate

**Schedule types:** Lab

**Department/School:** Music

**MUSI 5630 University Choral Ensembles**

**Description:** Advanced study of a wide variety of music in all areas of choral literature. Offered for variable credit, 1-2 credit hours, maximum of 36 credit hours.

**Credit hours:** 1-2

**Contact hours:** Lab: 2-4 Contact: 2-4

**Levels:** Graduate

**Schedule types:** Lab

**Department/School:** Music

**Additional Fees:** Music Instruction fee of \$24 applies.

**MUSI 5700 Piano Accompanying**

**Prerequisites:** Music major status or consent of instructor.

**Description:** The course is designed for piano students to develop techniques needed to study, analyze, and perform as accompanists. The piano majors will have one-hour weekly coaching sessions and learn various duo repertoire in collaborations with a vocalist and an instrumentalist assigned by the instructor of the course throughout the semester. Same course as MUSI 4700.

**Credit hours:** 1

**Contact hours:** Contact: 1 Other: 1

**Levels:** Graduate

**Schedule types:** Independent Study

**Department/School:** Music

**MUSI 5712 Advanced Studies in Conducting I**

**Prerequisites:** MUSI 3712 and MUSI 3722 or equivalent.

**Description:** Acquisition of an expressive conducting gestural vocabulary as it relates to the student's chosen medium.

**Credit hours:** 2

**Contact hours:** Contact: 3 Other: 3

**Levels:** Graduate

**Schedule types:** Independent Study

**Department/School:** Music



**MUSI 5722 Advanced Studies in Conducting II****Prerequisites:** MUSI 5712.**Description:** A continuation of MUSI 5712 focusing upon the gestural vocabulary as it relates to the specific complexities of contemporary music.**Credit hours:** 2**Contact hours:** Contact: 3 Other: 3**Levels:** Graduate**Schedule types:** Independent Study**Department/School:** Music**MUSI 5733 Techniques of Pedagogy and Performance****Prerequisites:** MUSI 3712 and MUSI 3722 or equivalent.**Description:** Advanced techniques and modes for preparing music for performance.**Credit hours:** 3**Contact hours:** Contact: 3 Other: 3**Levels:** Graduate**Schedule types:** Independent Study**Department/School:** Music**MUSI 5742 Conducting Practicum****Prerequisites:** MUSI 5712, MUSI 5722.**Description:** Supervised conducting opportunities with major OSU ensembles or approved off-campus ensembles.**Credit hours:** 2**Contact hours:** Contact: 2 Other: 2**Levels:** Graduate**Schedule types:** Independent Study**Department/School:** Music**MUSI 5750 Seminar in Music History****Prerequisites:** MUSI 3753 and MUSI 3763 or equivalent.**Description:** Major European musical genres and pedagogical methods of a specified time in musical history. Acquaintance with source materials from the specified period to facilitate a knowledge of performance of genres studied. Topics vary. Previously offered as MUSI 5753. Offered for varied, 1-3 varied credit hours, maximum of 9 credit hours.**Credit hours:** 1-3**Contact hours:** Lecture: 1-3 Contact: 1-3**Levels:** Graduate**Schedule types:** Lecture**Department/School:** Music**MUSI 5810 Problems in Musical Composition****Prerequisites:** Consent of instructor.**Description:** Practical experience in musical composition. May not be used for degree credit with MUSI 4810.**Credit hours:** 1-2**Contact hours:** Contact: 1-2 Other: 1-2**Levels:** Graduate**Schedule types:** Independent Study**Department/School:** Music**MUSI 5812 Performance and Analysis****Prerequisites:** Passing score on Graduate Theory Placement Exam or MUSI 5022.**Description:** An overview of the relationship between performance and analysis within the field of music theory. No degree credit for students with credit in MUSI 4812.**Credit hours:** 2**Contact hours:** Lecture: 2 Contact: 2**Levels:** Graduate**Schedule types:** Lecture**Department/School:** Music**MUSI 5842 Music Repertory****Description:** Survey of music literature suitable for teaching various levels in applied music.**Credit hours:** 2**Contact hours:** Contact: 2 Other: 2**Levels:** Graduate**Schedule types:** Independent Study**Department/School:** Music**MUSI 5890 Special Studies in Music Pedagogy****Description:** Survey of music pedagogical methods suitable for various levels and types of applied music. May not be used for degree credit with MUSI 4890.**Credit hours:** 1-2**Contact hours:** Contact: 1-2 Other: 1-2**Levels:** Graduate**Schedule types:** Independent Study**Department/School:** Music**MUSI 5942 Music Education Seminar****Description:** Research into latest developments of public school choral and instrumental music. May not be used for degree credit with MUSI 4942.**Credit hours:** 2**Contact hours:** Lecture: 3 Contact: 3**Levels:** Graduate**Schedule types:** Lecture**Department/School:** Music**MUSI 5952 Music in the School Curriculum****Description:** Aims, content and motivation of the music education program in elementary and secondary schools from the standpoint of the classroom teacher, music specialist and administrator. May not be used for degree credit with MUSI 4952.**Credit hours:** 3**Contact hours:** Lecture: 3 Contact: 3**Levels:** Graduate**Schedule types:** Lecture**Department/School:** Music**MUSI 5962 Analytical Techniques in Music I****Prerequisites:** Passing score on Graduate Theory Placement Exam or MUSI 5022.**Description:** A critical survey of important analytical approaches to tonal and post tonal music.**Credit hours:** 2**Contact hours:** Lecture: 2 Contact: 2**Levels:** Graduate**Schedule types:** Lecture**Department/School:** Music**Additional Fees:** Music Instruction fee of \$24 applies.**MUSI 5972 Analytical Techniques in Music II****Prerequisites:** Passing score on Graduate Theory Placement Exam or MUSI 5022.**Description:** A continuation of MUSI 5962. Topics will include Schenkerian analyses, set theory, and other contemporary analytical approaches to post tonal music.**Credit hours:** 2**Contact hours:** Lecture: 3 Contact: 3**Levels:** Graduate**Schedule types:** Lecture**Department/School:** Music**Additional Fees:** Music Instruction fee of \$24 applies.



**MUSI 5990 Selected Studies in Music**

**Description:** Short-term area studies in music and music education. Offered for variable credit, 1-2 credit hours, maximum of 8 credit hours.

**Credit hours:** 1-2

**Contact hours:** Contact: 1-2 Other: 1-2

**Levels:** Graduate

**Schedule types:** Independent Study

**Department/School:** Music

## Undergraduate Programs

- Music Education: Instrumental/Vocal Certification, BM (p. 1571)
- Music Industry, BS (p. 1575)
- Music, BA (p. 1578)
- Music: Jazz Performance, BM (p. 1581)
- Music: Music Composition, BA (p. 1583)
- Music: Performance, BM (p. 1585)

## Graduate Programs

The Master of Music offers the performer and conductor the opportunity to further their professional studies and/or prepare for study at the doctoral level.

For the student pursuing the conducting option, we stress challenging studies in conducting skills, repertoire and rehearsal techniques. Degree candidates will focus on their particular area of specialty and will have numerous opportunities to conduct appropriate choirs, wind bands, orchestras and string groups, and chamber ensembles.

As a part of specializing on their instruments, students who choose the applied music option will develop a refined knowledge of the literature composed for that instrument and will also learn the teaching and technical approaches that have been developed for that musical medium. Performing opportunities, both solo and collaborative, are an important component of the degree candidate's studies.

The Master of Music is a 32-hour degree. Each option includes courses in music research and bibliography, music theory, and music history. Elective credits that are built into each degree option permit the student to explore additional interests. Each degree candidate will complete a final project designed in collaboration with their primary professor. A final oral examination is also part of the degree requirements.

## Admission Requirements

Prospective students must have earned a bachelor's degree or the equivalent. Students interested in the conducting option must audition on campus, or submit a video recording of their conducting. Students interested in the applied music option must audition on campus or submit an audio or video recording of a recent performance (minimum of 20 minutes of music).

## Financial Assistance

The Michael and Anne Greenwood School of Music offers a variety of assistantships with areas of specialization including music appreciation, class piano, instrumental techniques, accompanying, conducting, and music technology, among others. Additional scholarships may be awarded through the Greenwood School of Music.

## Minors

- Applied Music (APMU), Minor (p. 1567)
- Jazz (JAZZ), Minor (p. 1568)
- Music (MUSI), Minor (p. 1569)
- Music Composition and Theory (MUCT), Minor (p. 1570)

## Faculty

Brant Adams, PhD—Professor and Interim Director

**Professors:** Babette Belter, MM; Meredith J. Blecha-Wells, DMA; Anné-Marie Condacse, DMA; Bradley Genevro, DMA; April Golliver-Mohiuddin, MM; Igor Karača, DMA; Thomas Lanners, DMA; Howard Potter, DMA; D. Allen Scott, PhD; Tony Thornton, DMA

**Associate Professors:** Wayne Bovenschen, MM; Paul R. Compton, MM; Thomas T. Dickey, DMA; Julia Haley, PhD; Christopher Haygood, DMA; Heather Shea Lanners, MM; Lanette López-Compton, MM; Mark E. Perry, PhD; Thomas Poole, DMA; Ryan Robinson, DMA; Steve P. Sanders, MM; Laura A. Talbott-Clark, DMA

**Assistant Professors:** Joseph Cooper, DMA; Glenn Dewey, MM; Erin K. Murphy, DMA; Andrew W. Parker, DMA; Jacqueline Skara, DMA

**Teaching Associate Professor:** Nataša Kaurin-Karača, MM

**Teaching Assistant Professor:** Hyejin Cho, DMA

**Visiting Assistant Professor:** Johnny Salinas, DMA

**Lecturers:** Pi-Ju Chiang, MM; Elena Lyalina, DMA

**Adjunct Professors:** Megan Barth Argo, MM; Brian Belanus, MM; Trent Bell; Ashley Cooper, MM; Zac Maloy; Julie McCoy, MM; Bill Repavich, MM; Trammell Starks

**Emeritus Professor:** Gerald Frank, DMA

## Applied Music (APMU), Minor

**Requirements for Students Matriculating in or before Academic Year 2022-2023.** Learn more about University Academic Regulation 3.1 (p. 943).

Clint Wieden, 102B GSM, 405-744-2966

**Minimum Grade Point Average in Minor Coursework:** 2.00 with no grade below "C".

**Total Hours:** 15

Code	Title	Hours
<b>Performance</b>		
12 hours from the following, with minimum of 4 hours from each category:		12
Applied Lessons:		
MUSI 2480		
MUSI 2490	Major Applied Lessons	
MUSI 4480		
MUSI 4490		
JAZZ 3010	Applied Jazz Lessons	
Ensembles:		
MUSI 2610	University Bands I	
MUSI 2620	Symphony Orchestra I	
MUSI 2630	University Choral Ensembles I	
MUSI 3610	University Bands II	
MUSI 3620	Symphony Orchestra II	
MUSI 3630	University Choral Ensembles II	
MUSI 4042	Collaborative Piano I	
MUSI 4600	Chamber Ensembles	
JAZZ 3610	Jazz Orchestra	
JAZZ 3620	Jazz Ensemble	
JAZZ 4600	Jazz Combos	
<b>History and Culture</b>		
Select one course from (2-3 hours): <sup>1</sup>		2-3
MUSI 2573	Introduction to Music (H)	
MUSI 2763	History of Rock and Roll (H)	
MUSI 2783	American Popular Music (H)	
MUSI 3543	Music and Culture of Northern Italy (H)	
MUSI 3572	History of Opera in Society (H)	
MUSI 3573	America's Ethnic Music (DH)	
MUSI 3582	Survey of World Musics	
MUSI 3583	Traditional World Music (H)	
MUSI 3873	History of Music from 1800-Present	
MUSI 3883	History of Popular Music	
MUSI 4840	Special Studies in Music Literature	
MUSI 4842	Choral Literature for the Classroom	
JAZZ 2773	History of Jazz (H)	
<b>Electives</b>		
Select one course from (1-2 hours): <sup>2</sup>		1-2
MUSI 1002	Fundamentals of Music	
MUSI 1011	Class Piano I (by instructor permission)	
MUSI 1532	Theory of Music I	

MUSI 4890	Special Studies in Music Pedagogy
JAZZ 4002	Jazz Theory I
<b>Total Hours</b> <sup>1,2</sup>	<b>15</b>

1

If three-hour course is chosen in History and Culture, total hours increase by one.

2

If two-hour course is chosen from Electives, total hours increase by one.

## Additional OSU Requirements Undergraduate Minors

- An undergraduate minor must include between fifteen and thirty hours, inclusive of undergraduate coursework.
- A minimum of six credit hours for the minor must be earned in residence at OSU.
- The courses required for a minor may be included in the course requirements for any undergraduate degree or they may be in addition to degree requirements, depending on the overlap between the minor and degree requirements. However, an undergraduate minor must be earned in an academic field other than the student's declared degree option. The minor may not duplicate the degree major or option (for example, a student who earns a BA in Art with an Art History option may earn a minor in Studio Art but not Art History).
- A student generally follows the minor requirements associated with his or her matriculation year or newer requirements that have been established since matriculation. The time limit for following requirements from a given academic year is six years.

For additional information on requirements on minors, click here (<https://adminfinance.okstate.edu/site-files/documents/policies/requirements-for-undergraduate-and-graduate-minors.pdf>).

## Jazz (JAZZ), Minor

**Requirements for Students Matriculating in or before Academic Year 2022-2023.** Learn more about University Academic Regulation 3.1 (p. 943).

Clint Wieden, 102B GSM, 405-744-2966

**Total Hours:** 19

Code	Title	Hours
JAZZ 2773	History of Jazz (H)	3
JAZZ 3010	Applied Jazz Lessons	4
JAZZ 4002	Jazz Theory I	2
JAZZ 4012	Jazz Theory II	2
Select 8 hours from the following:		8
JAZZ 1221	Jazz Class Piano	
JAZZ 3010	Applied Jazz Lessons (up to 4 hours)	
JAZZ 3610	Jazz Orchestra	
JAZZ 3620	Jazz Ensemble	
JAZZ 4102	Jazz Arranging & Composition I	
JAZZ 4112	Jazz Arranging and Composition II	
JAZZ 4600	Jazz Combos	
JAZZ 4972	Jazz Styles and Analysis	
<b>Total Hours</b>		<b>19</b>

## Additional OSU Requirements

### Undergraduate Minors

- An undergraduate minor must include between fifteen and thirty hours, inclusive of undergraduate coursework.
- A minimum of six credit hours for the minor must be earned in residence at OSU.
- The courses required for a minor may be included in the course requirements for any undergraduate degree or they may be in addition to degree requirements, depending on the overlap between the minor and degree requirements. However, an undergraduate minor must be earned in an academic field other than the student's declared degree option. The minor may not duplicate the degree major or option (for example, a student who earns a BA in Art with an Art History option may earn a minor in Studio Art but not Art History).
- A student generally follows the minor requirements associated with his or her matriculation year or newer requirements that have been established since matriculation. The time limit for following requirements from a given academic year is six years.

For additional information on requirements on minors, click here (<https://adminfinance.okstate.edu/site-files/documents/policies/requirements-for-undergraduate-and-graduate-minors.pdf>).

## Music (MUSI), Minor

**Requirements for Students Matriculating in or before Academic Year 2022-2023.** Learn more about University Academic Regulation 3.1 (p. 943).

Clinton Wieden, 102B GSM, 405-744-2966

**Minimum Overall Grade Point Average:** 2.00 with no grade below "C."

**Total Hours:** 24

Code	Title	Hours
<b>Minor Requirements</b>		
MUSI 1531	Sight Singing and Aural Skills	1
MUSI 1532	Theory of Music I	2
MUSI 1541	Sight Singing and Aural Skills II	1
MUSI 1542	Theory of Music II	2
MUSI 3763	History of Music from 1600-1800 <sup>1</sup>	3
MUSI 3873	History of Music from 1800-Present <sup>1</sup>	3
<i>Applied Music</i>		
Select 6 hours in primary instrument		6
Select 2 hours of piano <sup>2</sup>		2
<i>Music Organizations</i>		
Select 4 hours of the following:		4
MUSI 2610/3610	University Bands I	
MUSI 2620/3620	Symphony Orchestra I	
MUSI 2630/3630	University Choral Ensembles I	
<b>Total Hours</b>		<b>24</b>

1

MUSI 3753 History of Music to 1600 (H) may be substituted for either MUSI 3763 History of Music from 1600-1800 or MUSI 3873 History of Music from 1800-Present.

2

If piano is primary applied area, 2 hours in a secondary applied area of the student's choosing.

## Additional OSU Requirements

### Undergraduate Minors

- An undergraduate minor must include between fifteen and thirty hours, inclusive of undergraduate coursework.
- A minimum of six credit hours for the minor must be earned in residence at OSU.
- The courses required for a minor may be included in the course requirements for any undergraduate degree or they may be in addition to degree requirements, depending on the overlap between the minor and degree requirements. However, an undergraduate minor must be earned in an academic field other than the student's declared degree option. The minor may not duplicate the degree major or option (for example, a student who earns a BA in Art with an Art History option may earn a minor in Studio Art but not Art History).
- A student generally follows the minor requirements associated with his or her matriculation year or newer requirements that have been established since matriculation. The time limit for following requirements from a given academic year is six years.

For additional information on requirements on minors, click here (<https://adminfinance.okstate.edu/site-files/documents/policies/requirements-for-undergraduate-and-graduate-minors.pdf>).

## Music Composition and Theory (MUCT), Minor

**Requirements for Students Matriculating in or before Academic Year 2022-2023.** Learn more about University Academic Regulation 3.1 (p. 943).

Clint Wieden, 102B GSM, 405-744-2966

**Minimum grade and/or GPA:** Minimum grade of "C" for all courses in the minor.

**Total Hours:** 18

Code	Title	Hours
<b>Course Requirements</b>		
MUSI 1002	Fundamentals of Music	2
MUSI 1532	Theory of Music I	2
MUSI 1542	Theory of Music II	2
MUSI 4810	Problems in Musical Composition <sup>1</sup>	8
Select four credit hours from the following:		4
MUSI 2013	Popular Music Theory	
MUSI 2552	Theory of Music III	
MUSI 2562	Theory of Music IV	
MUSI 3772	Counterpoint	
JAZZ 4002	Jazz Theory I	
JAZZ 4012	Jazz Theory II	
MUSI 4912	Orchestration and Arranging	
MUSI 4972	Post Tonal Analysis	
MUSI 4990	Selected Studies in Music and Music Education	
<b>Total Hours</b>		<b>18</b>

1

Option to substitute two credit hours with JAZZ 4102.

## Additional OSU Requirements

### Undergraduate Minors

- An undergraduate minor must include between fifteen and thirty hours, inclusive of undergraduate coursework.
- A minimum of six credit hours for the minor must be earned in residence at OSU.
- The courses required for a minor may be included in the course requirements for any undergraduate degree or they may be in addition to degree requirements, depending on the overlap between the minor and degree requirements. However, an undergraduate minor must be earned in an academic field other than the student's declared degree option. The minor may not duplicate the degree major or option (for example, a student who earns a BA in Art with an Art History option may earn a minor in Studio Art but not Art History).
- A student generally follows the minor requirements associated with his or her matriculation year or newer requirements that have been established since matriculation. The time limit for following requirements from a given academic year is six years.

For additional information on requirements on minors, click here (<https://adminfinance.okstate.edu/site-files/documents/policies/requirements-for-undergraduate-and-graduate-minors.pdf>).

# Music Education: Instrumental/Vocal Certification, BM

## Degree Requirements

**Requirements for Students Matriculating in or before Academic Year 2022-2023.** Learn more about University Academic Regulation 3.1 (p. 943).

**Minimum Overall Grade Point Average: 2.50**

**Total Hours: 129**

Code	Title	Hours
<b>General Education Requirements</b>		
See Academic Regulation 3.5 (p. 944)		
<i>English Composition</i>		
ENGL 1113	Composition I	3
or ENGL 1313	Critical Analysis and Writing I	
Select one of the following:		3
ENGL 1213	Composition II	
ENGL 1413	Critical Analysis and Writing II	
ENGL 3323	Technical Writing	
<i>American History &amp; Government</i>		
HIST 1103	Survey of American History	3
or HIST 1483	American History to 1865 (H)	
or HIST 1493	American History Since 1865 (DH)	
POLS 1113	American Government	3
<i>Analytical &amp; Quantitative Thought (A)</i>		
MATH or STAT course designated (A)		3
<i>Humanities (H)</i>		
MUSI 3753	History of Music to 1600 (H) (Minimum grade of "C") <sup>1</sup>	3
Courses designated (H)		3
<i>Natural Sciences (N)</i>		
Must include one Laboratory (L) course		
Course designated (N)		6
<i>Social &amp; Behavioral Sciences (S)</i>		
PSYC 1113	Introductory Psychology (S)	3
or SOC 1113	Introductory Sociology (S)	
SPCH 2713	Introduction to Speech Communication (S)	3
<i>Additional General Education</i>		
Courses designated (A), (H), (N), or (S)		7
<b>Hours Subtotal</b>		<b>40</b>
<b>Diversity (D) &amp; International Dimension (I)</b>		
May be completed in any part of the degree plan		
Select at least one Diversity (D) course		
Select at least one International Dimension (I) course		
<b>College/Departmental Requirements</b>		
<i>First Year Seminar</i>		
(Transfer students with 15 hours exempt)		1
<i>Foreign Language</i>		
See note 3		
0-6 hours		
<i>Upper-Division General Education</i>		

Select 6 hours outside major department

See note 2.c.		
<b>Hours Subtotal</b>		<b>1</b>
<b>Major Requirements</b>		
Minimum 2.50 GPA in all MUSI, JAZZ, and Professional Education courses with a minimum grade of "C" in each course.		
<i>Lower Division</i>		
MUSI 1531	Sight Singing and Aural Skills	1
MUSI 1532	Theory of Music I	2
MUSI 1541	Sight Singing and Aural Skills II	1
MUSI 1542	Theory of Music II	2
MUSI 2551	Sight Singing and Aural Skills III	1
MUSI 2552	Theory of Music III	2
MUSI 2561	Sight Singing and Aural Skills IV	1
MUSI 2562	Theory of Music IV	2
Eight hours from:		8
MUSI 2490	Major Applied Lessons	
Select 4 hours from:		4
Instrumental and Vocal majors: select 4 hours from lower-division Music Organization		
MUSI 2610	University Bands I	
MUSI 2620	Symphony Orchestra I	
MUSI 2630	University Choral Ensembles I	
Keyboard majors: select 2 hours from lower-division Music Organization and 2 hours MUSI 4700		
<i>Upper Division</i>		
MUSI 3582	Survey of World Musics	2
MUSI 3712	Basic Conducting	2
MUSI 3722	Advanced Ensemble Conducting	2
MUSI 3763	History of Music from 1600-1800	3
MUSI 3783	Form And Analysis	3
MUSI 3873	History of Music from 1800-Present	3
MUSI 4901	Senior Recital	1
MUSI 4972	Post Tonal Analysis	2
MUSI 4490 (Major Applied Lessons)		5
<i>Professional Education</i>		
EPSY 3413	Child and Adolescent Development	3
SPED 3202	Educating Exceptional Learners (D)	2
MUSI 2722	Introduction to Music Education	2
MUSI 3832	Elementary Music Methods	2
MUSI 3640	Vocal Rehearsal Practicum	1
or MUSI 3641	Instrumental Rehearsal Practicum	
MUSI 4742	Student Teaching Seminar in Music Education	2
MUSI 4940	Student Teaching in Public School Music	6
<i>Certification</i>		
Select Instrumental or Vocal (p. 1572)		17
<b>Hours Subtotal</b>		<b>82</b>
<b>Electives</b>		
May need to include 6 hours of a foreign language (see note 3)		
May need to include 6 hours upper-division general education outside major department (see note 2.c.)		



<b>Hours Subtotal</b>	<b>6</b>
<b>Total Hours</b>	<b>129</b>

1

College and Departmental Requirements that may be used to meet General Education Requirements

## Certification

### Instrumental

Code	Title	Hours
Select three hours from:		3
MUSI 1011	Class Piano I	
MUSI 1021	Class Piano II	
MUSI 2010	Piano Class Lessons	
MUSI 2480	(Elective Applied Lessons)	
MUSI 4480	(Elective Applied Lessons)	
Select 5 hours of Instrumental Techniques Classes from:		5
MUSI 1001	Percussion Techniques	
MUSI 1071	Single Reed Techniques	
MUSI 1081	Double Reed Techniques	
MUSI 1091	High Brass Techniques	
MUSI 2051	High String Techniques	
MUSI 2061	Low String Techniques	
MUSI 2071	Flute Techniques	
MUSI 2091	Low Brass Techniques	
MUSI 3852	Secondary Instrumental Methods	2
or MUSI 3862	String Orchestra Methods	
MUSI 4912	Orchestration and Arranging	2
or JAZZ 4102	Jazz Arranging & Composition I	
Select 3 hours of upper-division large ensemble of the following:		3
MUSI 3610	University Bands II	
MUSI 3620	Symphony Orchestra II	
MUSI 3630	University Choral Ensembles II	
Choose one:		2
MUSI 3842	Marching Bands Methods (Winds, Brass, & Percussion)	
MUSI 4890	Special Studies in Music Pedagogy (2 hours, Strings)	

### Vocal/Keyboard

Code	Title	Hours
Select 3 hours from:		3
MUSI 1011	Class Piano I	
MUSI 1021	Class Piano II	
MUSI 2010	Piano Class Lessons	
MUSI 2480	(Elective Applied Lessons)	
MUSI 4480	(Elective Applied Lessons)	
MUSI 1631	Introduction to Diction for Singers	1
MUSI 3732	Secondary Choral Methods	2
MUSI 3932	Intermediate Music Methods	2
MUSI 4842	Choral Literature for the Classroom	2
MUSI 4912	Orchestration and Arranging	2
or JAZZ 4102	Jazz Arranging & Composition I	

<i>Choose Keyboard or Vocal</i>	<b>5</b>
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#### Keyboard

MUSI 4480 (Elective Applied Voice, 2 hours)

MUSI 4042 Collaborative Piano I

MUSI 4600 Chamber Ensembles (1 hour - Chamber Piano)

#### Vocal

MUSI 3022 Piano Skills for Vocal Music Education Majors

Select 3 hours upper-division large ensemble of the following:

MUSI 3610 University Bands II

MUSI 3620 Symphony Orchestra II

MUSI 3630 University Choral Ensembles II

All Music Majors must successfully complete an entrance audition, upper-division theory examination, keyboard proficiency examination, and six semesters of MUSI 0500 Student Recital Attendance and must participate in Applied Major Music Lessons each semester of residence. All wind and percussion instrumental music education majors must enroll in MUSI 2610 University Bands I/MUSI 3610 University Bands II Marching Band each fall semester, except while student teaching.

## Other Requirements

- See the College of Arts and Sciences Requirements.
- **Upper-Division Credit:** Total hours must include at least 40 hours in courses numbered 3000 or above.
- **Hours in One Department:** For B.A. and B.S. degrees, no more than 54 hours in one department may be applied to degree requirements.

## College of Arts and Sciences Requirements

### 1. General Education Requirements

No more than two courses (or eight hours) from the major department (<http://catalog.okstate.edu/college-arts-sciences-major-departments/>) may be used to meet General Education and College and Departmental Requirements. The General Education required English Composition, required U.S. History, required American Government, one required MATH or STAT course, and required foreign language for B.A. degrees do not count against the two-course maximum.

### 2. A&S College/Departmental Requirements

- Arts and Humanities are defined as any course carrying an (H) designation or courses from AMST, ART, DANC, ENGL (except ENGL 3323 Technical Writing) HIST, MUSI, PHIL (except PHIL 1313 Logic and Critical Thinking (A), PHIL 3003 Symbolic Logic (A) and PHIL 4003 Mathematical Logic and Computability), REL, TH, and foreign languages.
- Natural and Mathematical Sciences are defined as any course from the following prefixes: ASTR, BIOC, BIOL, CHEM, CS (except CS 4883 Social Issues in Computing), GEOL, MATH, MICR, PBIO, PHYS, and STAT; or courses from other departments that carry an (A) or (N) general education designation.
- The required six hours of upper-division General Education may not include courses from the student's major department. This requirement may be satisfied by courses also used to satisfy any part of a student's degree program (i.e., in General Education,

College Departmental Requirements, Major Requirements or Electives).

- d. Non-Western Studies Requirement for B.A. and B.F.A.; One 3-hour course in Non-Western Studies (N.W.). This requirement may be satisfied by courses also used to satisfy any part of a student's degree program (i.e., in General Education, College Departmental Requirements, Major Requirements or Electives).
  - e. The College of Arts & Sciences requires a minimum 2.0 GPA in all major requirements and a minimum 2.0 GPA in all major-prefix courses applied to the degree.
- 3. Foreign Language Proficiency**
- a. The foreign language requirement for the B.A. may be satisfied by 9 hours college credit in the same language, which must include 3 hours at the 2000-level, or equivalent proficiency (e.g., passing an advanced standing examination; TOEFL exam; presenting a high school transcript which demonstrates the high school was primarily conducted in a language other than English; etc.). Computer Science courses may not be used to satisfy this requirement. Currently Arabic and Mvskoke are not offered at the 2000-level at OSU.
  - b. The foreign language requirement for the B.S., B.M. and B.F.A. may be satisfied by presenting a high school transcript which demonstrates two years of study of a single foreign language (passing grades at second-year level of study). It may also be satisfied by 6 hours college credit in the same language, which must include language courses 1713 and 1813, or equivalent proficiency (e.g., passing an advanced standing examination; TOEFL exam; presenting a high school transcript which demonstrates the high school was primarily conducted in a language other than English; etc.). Computer Science courses may not be used to satisfy this requirement.
  - c. In addition to a. and b., students pursuing teacher certification must meet novice-high foreign language proficiency by presenting a high school transcript which demonstrates two years of study of a single foreign language with no grade below B. Or, students may complete 3 hours college credit in a single language with no grade below C (or pass an advanced standing examination, College Level Examination Program (CLEP) exam, or Oral Proficiency Interview developed by the American Council on the Teaching of Foreign Languages, equivalent to 3 hours of college credit.) Or, students may meet the requirement by transfer of documentation of meeting the foreign language competency from one of the teacher education programs in the State of Oklahoma approved by the Oklahoma State Regents for Higher Education.

**4. Exclusions**

- a. Courses used to satisfy the General Education English Composition, U.S. History, American Government, and Mathematics or Statistics requirements will not count toward the 54-hour maximum allowed from one department.
- b. Courses with ATHL or LEIS prefixes and leisure activity courses may not be used for degree credit.

- Students will be held responsible for degree requirements in effect at the time of matriculation and any changes that are made, so long as these changes do not result in semester credit hours being added or do not delay graduation.
- Degrees that follow this plan must be completed by the end of Summer 2028.

## Example Plan of Study

### Finish in Four Plan of Study

The plan below is an **example** of how students can successfully complete degree requirements in four years. This suggested class schedule plan may be used as a guide and can be adjusted based on individual needs. Students are required to meet with an academic advisor prior to enrollment each semester to plan their class schedule, and students are ultimately responsible for completing all degree requirements.

Course	Title	Hours
<b>Freshman</b>		
<b>Fall</b>		
ENGL 1113 or ENGL 1313	Composition I or Critical Analysis and Writing I	3
MUSI 0500	Student Recital Attendance	0
MUSI 1531	Sight Singing and Aural Skills	1
MUSI 1532	Theory of Music I	2
Music Lessons and Ensemble		3
General Education and College courses		4
<b>Hours</b>		<b>13</b>
<b>Spring</b>		
ENGL 1213 or ENGL 1413	Composition II or Critical Analysis and Writing II	3
MUSI 0500	Student Recital Attendance	0
MUSI 1541	Sight Singing and Aural Skills II	1
MUSI 1542	Theory of Music II	2
Music Lessons and Ensemble		3
General Education courses		6
<b>Hours</b>		<b>15</b>
<b>Sophomore</b>		
<b>Fall</b>		
MUSI 2551	Sight Singing and Aural Skills III	1
MUSI 2552	Theory of Music III	2
MUSI 0500	Student Recital Attendance	0
MUSI 3753	History of Music to 1600 (H)	3
Music Lessons and Ensemble		2
General Education courses		7
<b>Hours</b>		<b>15</b>
<b>Spring</b>		
MUSI 2561	Sight Singing and Aural Skills IV	1
MUSI 2562	Theory of Music IV	2
MUSI 0500	Student Recital Attendance	0
MUSI 3763	History of Music from 1600-1800	3
Music Lessons and Ensemble		2
1713 First Semester Foreign Language		3
General Education courses		6
<b>Hours</b>		<b>17</b>
<b>Junior</b>		
<b>Fall</b>		
MUSI 3783	Form And Analysis	3
MUSI 3873	History of Music from 1800-Present	3
MUSI 0500	Student Recital Attendance	0
Music Lessons and Ensemble		1
1813 Second Semester Foreign Language		3

## Additional State/OSU Requirements

- At least: 60 hours at a four-year institution; 30 hours completed at OSU; 15 of the final 30 or 50% of the upper-division hours in the major field completed at OSU.
- Limit of: one-half of major course requirements as transfer work; one-fourth of hours earned by correspondence; 8 transfer correspondence hours.

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Major and Elective courses		6
	<b>Hours</b>	<b>16</b>
<b>Spring</b>		
MUSI 0500	Student Recital Attendance	0
MUSI 4042 or MUSI 4142	Collaborative Piano I or Collaborative Piano II	2
MUSI 3712 or MUSI 4912 or MUSI 4972	Basic Conducting or Orchestration and Arranging or Post Tonal Analysis	2
Music Lessons and Ensemble		1
2000-level Foreign Language		3
General Education courses		7
	<b>Hours</b>	<b>15</b>
<b>Senior</b>		
<b>Fall</b>		
MUSI 3582	Survey of World Musics	2
Music Lessons and Electives		1
General Education, College, and Elective courses		12
	<b>Hours</b>	<b>15</b>
<b>Spring</b>		
Music Lessons and Ensemble		1
General Education, College, and Elective courses		13
	<b>Hours</b>	<b>14</b>
	<b>Total Hours</b>	<b>120</b>

1

Speak with academic advisor about saving General Education electives and Humanities (H) for Upper-division courses with International (I) and Diversity (D) dimensions.

# Music Industry, BS

## Degree Requirements

**Requirements for Students Matriculating in or before Academic Year 2022-2023.** Learn more about University Academic Regulation 3.1 (p. 943).

**Minimum Overall Grade Point Average:** 2.00

**Total Hours:** 120

Code	Title	Hours
<b>General Education Requirements</b>		
<i>English Composition</i>		
See Academic Regulation 3.5 (p. 944)		
ENGL 1113	Composition I	3
or ENGL 1313	Critical Analysis and Writing I	
Select one of the following:		3
ENGL 1213	Composition II	
ENGL 1413	Critical Analysis and Writing II	
ENGL 3323	Technical Writing	
<i>American History &amp; Government</i>		
HIST 1103	Survey of American History	3
or HIST 1483	American History to 1865 (H)	
or HIST 1493	American History Since 1865 (DH)	
POLS 1113	American Government	3
<i>Analytical &amp; Quantitative Thought (A)</i>		
MATH 1483	Mathematical Functions and Their Uses (A) (or higher, except MATH 1493) <sup>1</sup>	3
<i>Humanities (H)</i>		
Courses designated (H)		6
<i>Natural Sciences (N)</i>		
Must include one Laboratory Science (L) course		
Course designated (N)		6
<i>Social &amp; Behavioral Sciences (S)</i>		
ECON 2103	Introduction to Microeconomics (S) <sup>1</sup>	3
MGMT 3013	Fundamentals of Management (S) <sup>1</sup>	3
MKTG 3213	Marketing (S) <sup>1</sup>	3
<i>Additional General Education</i>		
Courses designated (A), (H), (N), or (S)		4
<b>Hours Subtotal</b>		<b>40</b>
<b>Diversity (D) &amp; International Dimension (I)</b>		
May be completed in any part of the degree plan		
Select at least one Diversity (D) course		
Select at least one International Dimension (I) course		
<b>College/Departmental Requirements</b>		
<i>First Year Seminar</i>		
(Transfer students with 15 hours exempt)		1
<i>Arts &amp; Humanities</i>		
MUSI 3873	History of Music from 1800-Present	3
<i>Natural &amp; Mathematical Sciences</i>		
STAT 2013	Elementary Statistics (A)	3
Select 6 additional hours		6
See note 2.b.		

### Foreign Language

See note 3

0-6 hours

### Upper-Division General Education

Select 6 hours outside major department

See note 2.c.

**Hours Subtotal** **13**

### Major Requirements

Minimum 2.50 GPA in all MUSI, JAZZ, TH, DANC, and Business courses with a minimum grade of "C" in each MUSI, JAZZ, TH, DANC, and Business course.

MUSI 1002	Fundamentals of Music	2
MUSI 1531	Sight Singing and Aural Skills	1
MUSI 1532	Theory of Music I	2
MUSI 1541	Sight Singing and Aural Skills II	1
MUSI 1542	Theory of Music II	2
MUSI 1623	Introduction to Music Business	3
MUSI 2013	Popular Music Theory	3
TH 1663	Stage Technology	3
Select 4 hours from:		4
MUSI 2490	Major Applied Lessons	
MUSI 4490	(Major Applied Lessons)	
Select 2 hours from:		2
MUSI 1011	Class Piano I	
MUSI 1021	Class Piano II	
MUSI 2010	Piano Class Lessons	
MUSI 2480	Elective Applied Lessons	
MUSI 4480	(Elective Applied Lessons)	
Select 6 hours Music Organization from:		6
MUSI 2610	University Bands I	
MUSI 2620	Symphony Orchestra I	
MUSI 2630	University Choral Ensembles I	
MUSI 3610	University Bands II	
MUSI 3620	Symphony Orchestra II	
MUSI 3630	University Choral Ensembles II	
MUSI 4600	Chamber Ensembles	
JAZZ 3610	Jazz Orchestra	
JAZZ 3620	Jazz Ensemble	
JAZZ 4600	Jazz Combos	
ACCT 2103	Financial Accounting	3
or ACCT 2003	Survey of Accounting	
ECON 2203	Introduction to Macroeconomics	3
MUSI 3012	Advanced Music Production	2
MUSI 3582	Survey of World Musics	2
MUSI 3592	Introduction to Music Technology	2
MUSI 3672	Music Technology II	2
MUSI 3883	History of Popular Music	3
EEE 4123	Entrepreneurship and The Arts	3
LSB 3213	Legal and Regulatory Environment of Business	3
TH 3593	Lighting for Theatre	3
MUSI 4100	Music Industry Internship	6

<b>Hours Subtotal</b>	<b>61</b>
<b>Electives</b>	<b>6</b>
May need to include 6 hours of a foreign language (see note 3)	
May need to include 6 hours upper-division general education outside major department (see note 2.c.)	
<b>Hours Subtotal</b>	<b>6</b>
<b>Total Hours</b>	<b>120</b>

1

College and Departmental Requirements that may be used to meet General Education Requirements.

Must successfully complete an entrance audition, keyboard proficiency examination, and six semesters of MUSI 0500 Student Recital Attendance.

## Other Requirements

- See the College of Arts and Sciences Requirements.
- **Upper-Division Credit:** Total hours must include at least 40 hours in courses numbered 3000 or above.
- **Hours in One Department:** For B.A. and B.S. degrees, no more than 54 hours in one department may be applied to degree requirements.

## College of Arts and Sciences Requirements

### 1. General Education Requirements

No more than two courses (or eight hours) from the major department (<http://catalog.okstate.edu/college-arts-sciences-major-departments/>) may be used to meet General Education and College and Departmental Requirements. The General Education required English Composition, required U.S. History, required American Government, one required MATH or STAT course, and required foreign language for B.A. degrees do not count against the two-course maximum.

### 2. A&S College/Departmental Requirements

- Arts and Humanities are defined as any course carrying an (H) designation or courses from AMST, ART, DANC, ENGL (except ENGL 3323 Technical Writing) HIST, MUSI, PHIL (except PHIL 1313 Logic and Critical Thinking (A), PHIL 3003 Symbolic Logic (A) and PHIL 4003 Mathematical Logic and Computability), REL, TH, and foreign languages.
- Natural and Mathematical Sciences are defined as any course from the following prefixes: ASTR, BIOC, BIOL, CHEM, CS (except CS 4883 Social Issues in Computing), GEOL, MATH, MICR, PBIO, PHYS, and STAT; or courses from other departments that carry an (A) or (N) general education designation.
- The required six hours of upper-division General Education may not include courses from the student's major department. This requirement may be satisfied by courses also used to satisfy any part of a student's degree program (i.e., in General Education, College Departmental Requirements, Major Requirements or Electives).
- Non-Western Studies Requirement for B.A. and B.F.A.; One 3-hour course in Non-Western Studies (N.W.). This requirement may be satisfied by courses also used to satisfy any part of a student's degree program (i.e., in General Education, College Departmental Requirements, Major Requirements or Electives).

- The College of Arts & Sciences requires a minimum 2.0 GPA in all major requirements and a minimum 2.0 GPA in all major-prefix courses applied to the degree.

### 3. Foreign Language Proficiency

- The foreign language requirement for the B.A. may be satisfied by 9 hours college credit in the same language, which must include 3 hours at the 2000-level, or equivalent proficiency (e.g., passing an advanced standing examination; TOEFL exam; presenting a high school transcript which demonstrates the high school was primarily conducted in a language other than English; etc.). Computer Science courses may not be used to satisfy this requirement. Currently Arabic and Mvskoke are not offered at the 2000-level at OSU.
- The foreign language requirement for the B.S., B.M. and B.F.A. may be satisfied by presenting a high school transcript which demonstrates two years of study of a single foreign language (passing grades at second-year level of study). It may also be satisfied by 6 hours college credit in the same language, which must include language courses 1713 and 1813, or equivalent proficiency (e.g., passing an advanced standing examination; TOEFL exam; presenting a high school transcript which demonstrates the high school was primarily conducted in a language other than English; etc.). Computer Science courses may not be used to satisfy this requirement.
- In addition to a. and b., students pursuing teacher certification must meet novice-high foreign language proficiency by presenting a high school transcript which demonstrates two years of study of a single foreign language with no grade below B. Or, students may complete 3 hours college credit in a single language with no grade below C (or pass an advanced standing examination, College Level Examination Program (CLEP) exam, or Oral Proficiency Interview developed by the American Council on the Teaching of Foreign Languages, equivalent to 3 hours of college credit.) Or, students may meet the requirement by transfer of documentation of meeting the foreign language competency from one of the teacher education programs in the State of Oklahoma approved by the Oklahoma State Regents for Higher Education.

### 4. Exclusions

- Courses used to satisfy the General Education English Composition, U.S. History, American Government, and Mathematics or Statistics requirements will not count toward the 54-hour maximum allowed from one department.
- Courses with ATHL or LEIS prefixes and leisure activity courses may not be used for degree credit.

## Additional State/OSU Requirements

- At least: 60 hours at a four-year institution; 30 hours completed at OSU; 15 of the final 30 or 50% of the upper-division hours in the major field completed at OSU.
- Limit of: one-half of major course requirements as transfer work; one-fourth of hours earned by correspondence; 8 transfer correspondence hours.
- Students will be held responsible for degree requirements in effect at the time of matriculation and any changes that are made, so long as these changes do not result in semester credit hours being added or do not delay graduation.
- Degrees that follow this plan must be completed by the end of Summer 2028.

# Example Plan of Study

## Finish in Four Plan of Study

The plan below is an **example** of how students can successfully complete degree requirements in four years. This suggested class schedule plan may be used as a guide and can be adjusted based on individual needs. Students are required to meet with an academic advisor prior to enrollment each semester to plan their class schedule, and students are ultimately responsible for completing all degree requirements.

Course	Title	Hours
<b>Freshman</b>		
<b>Fall</b>		
ENGL 1113	Composition I	3
MATH 1483	Mathematical Functions and Their Uses (A) (or Higher, except 1493)	3
MUSI 0500	Student Recital Attendance	0
MUSI 1002	Fundamentals of Music	2
Music Lessons and Ensemble		3
General Education and College courses		4
<b>Hours</b>		<b>15</b>
<b>Spring</b>		
ENGL 1213	Composition II	3
MUSI 0500	Student Recital Attendance	0
MUSI 1532	Theory of Music I	2
MUSI 1623	Introduction to Music Business	3
Music Lessons and Ensemble		3
General Education courses		3
<b>Hours</b>		<b>14</b>
<b>Sophomore</b>		
<b>Fall</b>		
MUSI 0500	Student Recital Attendance	0
MUSI 1531	Sight Singing and Aural Skills	1
MUSI 1542	Theory of Music II	2
ECON 2103	Introduction to Microeconomics (S)	3
STAT 2013	Elementary Statistics (A)	3
Music Lessons and Ensemble		2
General Education and College courses		3
<b>Hours</b>		<b>14</b>
<b>Spring</b>		
MUSI 0500	Student Recital Attendance	0
MUSI 1541	Sight Singing and Aural Skills II	1
Music Lessons and Ensemble		2
TH 1663	Stage Technology	3
ECON 2203	Introduction to Macroeconomics	3
ACCT 2103	Financial Accounting	3
General Education course		3
<b>Hours</b>		<b>15</b>
<b>Junior</b>		
<b>Fall</b>		
MUSI 0500	Student Recital Attendance	0
MUSI 2013	Popular Music Theory	3
MUSI 3592	Introduction to Music Technology	2
General Education and College courses		9
<b>Hours</b>		<b>14</b>
<b>Spring</b>		
MUSI 0500	Student Recital Attendance	0
MUSI 3672	Music Technology II	2
MUSI 3883	History of Popular Music	3
TH 3593	Lighting for Theatre	3
MKTG 3213	Marketing (S)	3

General Education and College courses	3	
<b>Hours</b>		
<b>14</b>		
<b>Senior</b>		
<b>Fall</b>		
MUSI 3012	Advanced Music Production	2
MUSI 3582	Survey of World Musics	2
MUSI 3873	History of Music from 1800-Present	3
MGMT 3013	Fundamentals of Management (S)	3
Elective courses	4	
<b>Hours</b>		
<b>14</b>		
<b>Spring</b>		
Major Ensemble	1	
EEE 4123	Entrepreneurship and The Arts	3
MUSI 3583	Traditional World Music (H)	3
General Education and Elective courses	7	
<b>Hours</b>		
<b>14</b>		
<b>Summer</b>		
MUSI 4100	Music Industry Internship	6
<b>Hours</b>		
<b>6</b>		
<b>Total Hours</b>		
<b>120</b>		



## Music, BA

### Degree Requirements

**Requirements for Students Matriculating in or before Academic Year 2022-2023.** Learn more about University Academic Regulation 3.1 (p. 943).

**Minimum Overall Grade Point Average: 2.00**

**Total Hours: 120**

Code	Title	Hours
<b>General Education Requirements</b>		
<i>English Composition</i>		
See Academic Regulation 3.5 (p. 944)		
ENGL 1113	Composition I	3
or ENGL 1313	Critical Analysis and Writing I	
Select one of the following:		3
ENGL 1213	Composition II	
ENGL 1413	Critical Analysis and Writing II	
ENGL 3323	Technical Writing	
<i>American History &amp; Government</i>		
HIST 1103	Survey of American History	3
or HIST 1483	American History to 1865 (H)	
or HIST 1493	American History Since 1865 (DH)	
POLS 1113	American Government	3
<i>Analytical &amp; Quantitative Thought (A)</i>		
MATH or STAT course designated (A)		3
<i>Humanities (H)</i>		
MUSI 3753	History of Music to 1600 (H) (Minimum grade of "C") <sup>1</sup>	3
Courses designated (H)		3
<i>Natural Sciences (N)</i>		
Must include one Laboratory Science (L) course		
Course designated (N)		6
<i>Social &amp; Behavioral Sciences (S)</i>		
Course designated (S)		3
<i>Additional General Education</i>		
Courses designated (A), (H), (N), or (S)		10
<b>Hours Subtotal</b>		<b>40</b>
<b>Diversity (D) &amp; International Dimension (I)</b>		
May be completed in any part of the degree plan		
Select at least one Diversity (D) course		
Select at least one International Dimension (I) course		
<b>College/Departmental Requirements</b>		
<i>First Year Seminar</i>		
(Transfer students with 15 hours exempt)		1
<i>Arts &amp; Humanities</i>		
See note 2.a.		9
<i>Natural &amp; Mathematical Sciences</i>		
See note 2.b.		3
<i>Foreign Language</i>		
See note 3		9
<i>Non-Western Studies</i>		

At least one course

(See note 2.d.)

*Upper-Division General Education*

Select 6 hours outside major department

See note 2.c.

**Hours Subtotal** **22**

**Major Requirements**

Minimum 2.50 GPA with minimum grade of "C" in all MUSI and JAZZ courses.

MUSI 1531	Sight Singing and Aural Skills	1
MUSI 1532	Theory of Music I	2
MUSI 1541	Sight Singing and Aural Skills II	1
MUSI 1542	Theory of Music II	2
MUSI 2551	Sight Singing and Aural Skills III	1
MUSI 2552	Theory of Music III	2
MUSI 2561	Sight Singing and Aural Skills IV	1
MUSI 2562	Theory of Music IV	2
MUSI 2490	Major Applied Lessons	4
Select 2 hours of Applied Minor Music Lessons from:		2
MUSI 1011	Class Piano I	
MUSI 1021	Class Piano II	
MUSI 2010	Piano Class Lessons	
MUSI 2480	Elective Applied Lessons	
MUSI 4480 (Elective Applied Lessons)		
Select 4 hours of Music Organization of the following:		4
MUSI 2610	University Bands I	
MUSI 2620	Symphony Orchestra I	
MUSI 2630	University Choral Ensembles I	
Keyboard majors: select 2 hours Music Organization and 2 hours MUSI 4700		
MUSI 3582	Survey of World Musics	2
MUSI 3763	History of Music from 1600-1800	3
MUSI 3783	Form And Analysis	3
MUSI 3873	History of Music from 1800-Present	3
MUSI 4490 (Major Applied Lessons)		4
Select 2 hours of the following:		2
MUSI 3712	Basic Conducting	
MUSI 4912	Orchestration and Arranging	
MUSI 4972	Post Tonal Analysis	
Select one of the following majors:		2
Instrumental and Voice Majors:		
Select 2 hours of upper-division large ensemble from the following:		
MUSI 3610	University Bands II	
MUSI 3620	Symphony Orchestra II	
MUSI 3630	University Choral Ensembles II	
Keyboard Majors:		
MUSI 4042	Collaborative Piano I	
or MUSI 4142	Collaborative Piano II	
<b>Hours Subtotal</b>		<b>41</b>
<b>Electives</b>		
Select 17 hours		17

All electives plus 5 hours general education or college requirements, in addition to MUSI 3753, may need to be upper-division and must include 6 hours upper-division general education outside major department. (see note 2.c.)

4 hours need to be liberal arts or liberal science from ART, ASL, BIOL, CHEM, CS, ENGL, FLL, FREN, GEOG, GEOL, GREK, GRMN, HIST, LATN, MATH, MICR, PBIO, PHIL, PHYS, POLS, PSYC, RUSS, SOC, SPAN, SPCH, STAT, TH.

<b>Hours Subtotal</b>	<b>17</b>
<b>Total Hours</b>	<b>120</b>

1

College and Departmental Requirements that may be used to meet General Education Requirements.

## Other Requirements

- See the College of Arts and Sciences Requirements.
- **Upper-Division Credit:** Total hours must include at least 40 hours in courses numbered 3000 or above.
- **Hours in One Department:** For B.A. and B.S. degrees, no more than 54 hours in one department may be applied to degree requirements.

## College of Arts and Sciences Requirements

### 1. General Education Requirements

No more than two courses (or eight hours) from the major department (<http://catalog.okstate.edu/college-arts-sciences-major-departments/>) may be used to meet General Education and College and Departmental Requirements. The General Education required English Composition, required U.S. History, required American Government, one required MATH or STAT course, and required foreign language for B.A. degrees do not count against the two-course maximum.

### 2. A&S College/Departmental Requirements

- Arts and Humanities are defined as any course carrying an (H) designation or courses from AMST, ART, DANC, ENGL (except ENGL 3323 Technical Writing) HIST, MUSI, PHIL (except PHIL 1313 Logic and Critical Thinking (A), PHIL 3003 Symbolic Logic (A) and PHIL 4003 Mathematical Logic and Computability), REL, TH, and foreign languages.
- Natural and Mathematical Sciences are defined as any course from the following prefixes: ASTR, BIOC, BIOL, CHEM, CS (except CS 4883 Social Issues in Computing), GEOL, MATH, MICR, PBIO, PHYS, and STAT; or courses from other departments that carry an (A) or (N) general education designation.
- The required six hours of upper-division General Education may not include courses from the student's major department. This requirement may be satisfied by courses also used to satisfy any part of a student's degree program (i.e., in General Education, College Departmental Requirements, Major Requirements or Electives).
- Non-Western Studies Requirement for B.A. and B.F.A.; One 3-hour course in Non-Western Studies (N.W.). This requirement may be satisfied by courses also used to satisfy any part of a student's degree program (i.e., in General Education, College Departmental Requirements, Major Requirements or Electives).

- The College of Arts & Sciences requires a minimum 2.0 GPA in all major requirements and a minimum 2.0 GPA in all major-prefix courses applied to the degree.

### 3. Foreign Language Proficiency

- The foreign language requirement for the B.A. may be satisfied by 9 hours college credit in the same language, which must include 3 hours at the 2000-level, or equivalent proficiency (e.g., passing an advanced standing examination; TOEFL exam; presenting a high school transcript which demonstrates the high school was primarily conducted in a language other than English; etc.). Computer Science courses may not be used to satisfy this requirement. Currently Arabic and Mvskoke are not offered at the 2000-level at OSU.
- The foreign language requirement for the B.S., B.M. and B.F.A. may be satisfied by presenting a high school transcript which demonstrates two years of study of a single foreign language (passing grades at second-year level of study). It may also be satisfied by 6 hours college credit in the same language, which must include language courses 1713 and 1813, or equivalent proficiency (e.g., passing an advanced standing examination; TOEFL exam; presenting a high school transcript which demonstrates the high school was primarily conducted in a language other than English; etc.). Computer Science courses may not be used to satisfy this requirement.
- In addition to a. and b., students pursuing teacher certification must meet novice-high foreign language proficiency by presenting a high school transcript which demonstrates two years of study of a single foreign language with no grade below B. Or, students may complete 3 hours college credit in a single language with no grade below C (or pass an advanced standing examination, College Level Examination Program (CLEP) exam, or Oral Proficiency Interview developed by the American Council on the Teaching of Foreign Languages, equivalent to 3 hours of college credit.) Or, students may meet the requirement by transfer of documentation of meeting the foreign language competency from one of the teacher education programs in the State of Oklahoma approved by the Oklahoma State Regents for Higher Education.

### 4. Exclusions

- Courses used to satisfy the General Education English Composition, U.S. History, American Government, and Mathematics or Statistics requirements will not count toward the 54-hour maximum allowed from one department.
- Courses with ATHL or LEIS prefixes and leisure activity courses may not be used for degree credit.

## Additional State/OSU Requirements

- At least: 60 hours at a four-year institution; 30 hours completed at OSU; 15 of the final 30 or 50% of the upper-division hours in the major field completed at OSU.
- Limit of: one-half of major course requirements as transfer work; one-fourth of hours earned by correspondence; 8 transfer correspondence hours.
- Students will be held responsible for degree requirements in effect at the time of matriculation and any changes that are made, so long as these changes do not result in semester credit hours being added or do not delay graduation.
- Degrees that follow this plan must be completed by the end of Summer 2028.

## Example Plan of Study

### Finish in Four Plan of Study

The plan below is an example of how students can successfully complete degree requirements in four years. This suggested class schedule plan may be used as a guide and can be adjusted based on individual needs. Students are required to meet with an academic advisor prior to enrollment each semester to plan their class schedule, and students are ultimately responsible for completing all degree requirements.

Course	Title	Hours
<b>Freshman</b>		
<b>Fall</b>		
A&S 1111	A&S First Year Seminar	1
ENGL 1113	Composition I	3
	MATH or STAT course designated (A)	3
MUSI 0500	Student Recital Attendance	0
MUSI 1531	Sight Singing and Aural Skills	1
MUSI 1532	Theory of Music I	2
	Music Lessons and Ensemble	3
<b>Hours</b>		<b>13</b>
<b>Spring</b>		
ENGL 1213	Composition II	3
MUSI 0500	Student Recital Attendance	0
MUSI 1541	Sight Singing and Aural Skills II	1
MUSI 1542	Theory of Music II	2
	Music Lessons and Ensemble	3
	General Education courses	6
<b>Hours</b>		<b>15</b>
<b>Sophomore</b>		
<b>Fall</b>		
MUSI 0500	Student Recital Attendance	0
MUSI 2551	Sight Singing and Aural Skills III	1
MUSI 2552	Theory of Music III	2
MUSI 3753	History of Music to 1600 (H)	3
	Music Lessons and Ensemble	2
	1713 First Semester Foreign Language	3
	General Education and Elective courses	4
<b>Hours</b>		<b>15</b>
<b>Spring</b>		
MUSI 0500	Student Recital Attendance	0
MUSI 2561	Sight Singing and Aural Skills IV	1
MUSI 2562	Theory of Music IV	2
MUSI 3763	History of Music from 1600-1800	3
	Music Lessons and Ensemble	2
	1813 Second Semester Foreign Language	3
	General Education and Elective courses	6
<b>Hours</b>		<b>17</b>
<b>Junior</b>		
<b>Fall</b>		
MUSI 0500	Student Recital Attendance	0
MUSI 3783	Form And Analysis	3
MUSI 3873	History of Music from 1800-Present	3
	Music Lessons	1
	2000-level Foreign Language	3
	College and Elective hours	6
<b>Hours</b>		<b>16</b>
<b>Spring</b>		
MUSI 0500	Student Recital Attendance	0
MUSI 3712	Basic Conducting	2
or MUSI 4912	or Orchestration and Arranging	
or MUSI 4972	or Post Tonal Analysis	

Music Lessons	1
General Education courses	10
<b>Hours</b>	
<b>13</b>	
<b>Senior</b>	
<b>Fall</b>	
Music Lessons and Ensemble	2
MUSI 3582	Survey of World Musics
	2
	General Education, College, and Elective courses
	12
<b>Hours</b>	
<b>16</b>	
<b>Spring</b>	
Music Lessons and Ensemble	2
	College and Elective courses
	13
<b>Hours</b>	
<b>15</b>	
<b>Total Hours</b>	
<b>120</b>	

## Music: Jazz Performance, BM

**Requirements for Students Matriculating in or before Academic Year 2022-2023.** Learn more about University Academic Regulation 3.1 (p. 943).

**Minimum Overall Grade Point Average: 2.00**

**Total Hours: 120**

Code	Title	Hours
<b>General Education Requirements</b>		
<i>English Composition</i>		
See Academic Regulation 3.5 (p. 944)		
ENGL 1113	Composition I	3
or ENGL 1313	Critical Analysis and Writing I	
Select one of the following:		3
ENGL 1213	Composition II	
ENGL 1413	Critical Analysis and Writing II	
ENGL 3323	Technical Writing	
<i>American History &amp; Government</i>		
HIST 1103	Survey of American History	3
or HIST 1483	American History to 1865 (H)	
or HIST 1493	American History Since 1865 (DH)	
POLS 1113	American Government	3
<i>Analytical &amp; Quantitative Thought (A)</i>		
MATH or STAT course designated (A)		3
<i>Humanities (H)</i>		
JAZZ 2773	History of Jazz (H) (Minimum grade of "C")	3
Courses designated (H)		3
<i>Natural Sciences (N)</i>		
Must include one Laboratory Science (L) course		
Course designated (N)		6
<i>Social &amp; Behavioral Sciences (S)</i>		
Course designated (S)		3
<i>Additional General Education</i>		
Courses designated (A), (H), (N), or (S)		10
<b>Hours Subtotal</b>		<b>40</b>
<b>Diversity (D) &amp; International Dimension (I)</b>		
May be completed in any part of the degree plan		
Select at least one Diversity (D) course		
Select at least one International Dimension (I) course		
<b>College/Departmental Requirements</b>		
<i>First Year Seminar</i>		
(Transfer students with 15 hours exempt)		1
<i>Foreign Language</i>		
See note 3		
0-6 hours		
<i>Upper-Division General Education</i>		
Select 6 hours outside major department		
See note 2.c.		
<b>Hours Subtotal</b>		<b>1</b>
<b>Major Requirements</b>		
Minimum 2.50 GPA with minimum grade of "C" in all MUSI and JAZZ courses.		

MUSI 1531	Sight Singing and Aural Skills	1
MUSI 1532	Theory of Music I	2
MUSI 1541	Sight Singing and Aural Skills II	1
MUSI 1542	Theory of Music II	2
JAZZ 4002	Jazz Theory I	2
JAZZ 4012	Jazz Theory II	2
JAZZ 4102	Jazz Arranging & Composition I	2
JAZZ 4112	Jazz Arranging and Composition II	2
JAZZ 4972	Jazz Styles and Analysis	2
Select 2 hours of Applied Minor Music Lessons		2
MUSI 1011	Class Piano I	
JAZZ 1221	Jazz Class Piano	
MUSI 3582	Survey of World Musics	2
MUSI 3592	Introduction to Music Technology	2
MUSI 3672	Music Technology II	2
MUSI 3712	Basic Conducting	2
MUSI 3873	History of Music from 1800-Present	3
MUSI 3901	Junior Recital	1
MUSI 4901	Senior Recital	1
JAZZ 3010	Applied Jazz Lessons	26
JAZZ 3610	Jazz Orchestra	8
or JAZZ 3620	Jazz Ensemble	
JAZZ 4600	Jazz Combos	6
<b>Hours Subtotal</b>		<b>71</b>
<b>Electives</b>		<b>8</b>
May need to include 6 hours upper-division general education outside major department (see note 2.c.)		
<b>Hours Subtotal</b>		<b>8</b>
<b>Total Hours</b>		<b>120</b>

All Music Majors must successfully complete an entrance audition, upper-division theory examination, keyboard proficiency examination, and six semesters of MUSI 0500 Student Recital Attendance, and must enroll in piano until they have successfully completed the piano proficiency examination.

## College of Arts and Sciences Requirements

### 1. General Education Requirements

No more than two courses (or eight hours) from the major department (<http://catalog.okstate.edu/college-arts-sciences-major-departments/>) may be used to meet General Education and College and Departmental Requirements. The General Education required English Composition, required U.S. History, required American Government, one required MATH or STAT course, and required foreign language for B.A. degrees do not count against the two-course maximum.

### 2. A&S College/Departmental Requirements

- Arts and Humanities are defined as any course carrying an (H) designation or courses from AMST, ART, DANC, ENGL (except ENGL 3323 Technical Writing) HIST, MUSI, PHIL (except PHIL 1313 Logic and Critical Thinking (A), PHIL 3003 Symbolic Logic (A) and PHIL 4003 Mathematical Logic and Computability), REL, TH, and foreign languages.

- b. Natural and Mathematical Sciences are defined as any course from the following prefixes: ASTR, BIOC, BIOL, CHEM, CS (except CS 4883 Social Issues in Computing), GEOL, MATH, MICR, PBIO, PHYS, and STAT; or courses from other departments that carry an (A) or (N) general education designation.
- c. The required six hours of upper-division General Education may not include courses from the student's major department. This requirement may be satisfied by courses also used to satisfy any part of a student's degree program (i.e., in General Education, College Departmental Requirements, Major Requirements or Electives).
- d. Non-Western Studies Requirement for B.A. and B.F.A.; One 3-hour course in Non-Western Studies (N.W.). This requirement may be satisfied by courses also used to satisfy any part of a student's degree program (i.e., in General Education, College Departmental Requirements, Major Requirements or Electives).
- e. The College of Arts & Sciences requires a minimum 2.0 GPA in all major requirements and a minimum 2.0 GPA in all major-prefix courses applied to the degree.

### 3. Foreign Language Proficiency

- a. The foreign language requirement for the B.A. may be satisfied by 9 hours college credit in the same language, which must include 3 hours at the 2000-level, or equivalent proficiency (e.g., passing an advanced standing examination; TOEFL exam; presenting a high school transcript which demonstrates the high school was primarily conducted in a language other than English; etc.). Computer Science courses may not be used to satisfy this requirement. Currently Arabic and Mvskoke are not offered at the 2000-level at OSU.
- b. The foreign language requirement for the B.S., B.M. and B.F.A. may be satisfied by presenting a high school transcript which demonstrates two years of study of a single foreign language (passing grades at second-year level of study). It may also be satisfied by 6 hours college credit in the same language, which must include language courses 1713 and 1813, or equivalent proficiency (e.g., passing an advanced standing examination; TOEFL exam; presenting a high school transcript which demonstrates the high school was primarily conducted in a language other than English; etc.). Computer Science courses may not be used to satisfy this requirement.
- c. In addition to a. and b., students pursuing teacher certification must meet novice-high foreign language proficiency by presenting a high school transcript which demonstrates two years of study of a single foreign language with no grade below B. Or, students may complete 3 hours college credit in a single language with no grade below C (or pass an advanced standing examination, College Level Examination Program (CLEP) exam, or Oral Proficiency Interview developed by the American Council on the Teaching of Foreign Languages, equivalent to 3 hours of college credit.) Or, students may meet the requirement by transfer of documentation of meeting the foreign language competency from one of the teacher education programs in the State of Oklahoma approved by the Oklahoma State Regents for Higher Education.

### 4. Exclusions

- a. Courses used to satisfy the General Education English Composition, U.S. History, American Government, and Mathematics or Statistics requirements will not count toward the 54-hour maximum allowed from one department.

- b. Courses with ATHL or LEIS prefixes and leisure activity courses may not be used for degree credit.

## Additional State/OSU Requirements

- At least: 60 hours at a four-year institution; 30 hours completed at OSU; 15 of the final 30 or 50% of the upper-division hours in the major field completed at OSU.
- Limit of: one-half of major course requirements as transfer work; one-fourth of hours earned by correspondence; 8 transfer correspondence hours.
- Students will be held responsible for degree requirements in effect at the time of matriculation and any changes that are made, so long as these changes do not result in semester credit hours being added or do not delay graduation.
- Degrees that follow this plan must be completed by the end of Summer 2028.

## Music: Music Composition, BA

**Requirements for Students Matriculating in or before Academic Year 2022-2023.** Learn more about University Academic Regulation 3.1 (p. 943).

**Minimum Overall Grade Point Average: 2.00**

**Total Hours: 120**

Code	Title	Hours
<b>General Education Requirements</b>		
<i>English Composition</i>		
See Academic Regulation 3.5 (p. 944)		
ENGL 1113	Composition I	3
or ENGL 1313	Critical Analysis and Writing I	
Select one of the following:		3
ENGL 1213	Composition II	
ENGL 1413	Critical Analysis and Writing II	
ENGL 3323	Technical Writing	
<i>American History &amp; Government</i>		
HIST 1103	Survey of American History	3
or HIST 1483	American History to 1865 (H)	
or HIST 1493	American History Since 1865 (DH)	
POLS 1113	American Government	3
<i>Analytical &amp; Quantitative Thought (A)</i>		
MATH or STAT course designated (A)		3
<i>Humanities (H)</i>		
MUSI 3753	History of Music to 1600 (H) (Minimum grade of "C")	3
Courses designated (H)		3
<i>Natural Sciences (N)</i>		
Must include one Laboratory Science (L) course		
Courses designated (N)		6
<i>Social &amp; Behavioral Sciences (S)</i>		
Courses designated (S)		3
<i>Additional General Education</i>		
Courses designated (A), (H), (N), or (S)		10
<b>Hours Subtotal</b>		<b>40</b>
<b>Diversity (D) &amp; International Dimension (I)</b>		
May be completed in any part of the degree plan		
Select at least one Diversity (D) course		
Select at least one International Dimension (I) course		
<b>College/Departmental Requirements</b>		
<i>First Year Seminar</i>		
(Transfer students with 15 hours exempt)		1
<i>Arts &amp; Humanities</i>		
See note 2.a.		9
<i>Natural &amp; Mathematical Sciences</i>		
See note 2.b.		3
<i>Foreign Language</i>		
See note 3		9
<i>Non-Western Studies</i>		
At least one course		
(See note 2.d.)		

### Upper-Division General Education

Select 6 hours outside major department

See note 2.c.

**Hours Subtotal** **22**

### Major Requirements

Minimum 2.50 GPA with minimum grade of "C" in all MUSI and JAZZ courses.

MUSI 1011	Class Piano I	1
MUSI 1021	Class Piano II	1
MUSI 1531	Sight Singing and Aural Skills	1
MUSI 1532	Theory of Music I	2
MUSI 1541	Sight Singing and Aural Skills II	1
MUSI 1542	Theory of Music II	2
MUSI 2551	Sight Singing and Aural Skills III	1
MUSI 2552	Theory of Music III	2
MUSI 2561	Sight Singing and Aural Skills IV	1
MUSI 2562	Theory of Music IV	2
or JAZZ 4002	Jazz Theory I	
MUSI 3582	Survey of World Musics	2
MUSI 3712	Basic Conducting	2
MUSI 3763	History of Music from 1600-1800	3
MUSI 3783	Form And Analysis	3
MUSI 3873	History of Music from 1800-Present	3
4 hours from:		4
MUSI 2610	University Bands I	
MUSI 2620	Symphony Orchestra I	
MUSI 2630	University Choral Ensembles I	
MUSI 3610	University Bands II	
MUSI 3620	Symphony Orchestra II	
MUSI 3630	University Choral Ensembles II	
<i>Music Composition</i>		
MUSI 2010 & MUSI 3190	Piano Class Lessons and Secondary Piano	2
or MUSI 2490	Major Applied Lessons	
or JAZZ 3010	Applied Jazz Lessons	
MUSI 2080	Music Composition	4
MUSI 4080	Music Composition	8
MUSI 3772	Counterpoint	2
MUSI 4912	Orchestration and Arranging	2
MUSI 4972	Post Tonal Analysis	2
<b>Hours Subtotal</b>		<b>51</b>
<b>Electives</b>		
Select 7 hours		7
All electives plus 3 hours of general education or college requirements, in addition to MUSI 3753, may need to be upper-division and must include 6 hours upper-division general education outside major department (see note 2.c.).		
<b>Hours Subtotal</b>		<b>7</b>
<b>Total Hours</b>		<b>120</b>

All Music Majors must successfully complete an entrance audition, upper-division theory examination, keyboard proficiency examination, and six semesters of MUSI 0500 Student Recital Attendance.



1

College and Departmental Requirements that may be used to meet General Education Requirements.

## College of Arts and Sciences Requirements

### 1. General Education Requirements

No more than two courses (or eight hours) from the major department (<http://catalog.okstate.edu/college-arts-sciences-major-departments/>) may be used to meet General Education and College and Departmental Requirements. The General Education required English Composition, required U.S. History, required American Government, one required MATH or STAT course, and required foreign language for B.A. degrees do not count against the two-course maximum.

### 2. A&S College/Departmental Requirements

- a. Arts and Humanities are defined as any course carrying an (H) designation or courses from AMST, ART, DANC, ENGL (except ENGL 3323 Technical Writing) HIST, MUSI, PHIL (except PHIL 1313 Logic and Critical Thinking (A), PHIL 3003 Symbolic Logic (A) and PHIL 4003 Mathematical Logic and Computability), REL, TH, and foreign languages.
- b. Natural and Mathematical Sciences are defined as any course from the following prefixes: ASTR, BIOC, BIOL, CHEM, CS (except CS 4883 Social Issues in Computing), GEOL, MATH, MICR, PBIO, PHYS, and STAT; or courses from other departments that carry an (A) or (N) general education designation.
- c. The required six hours of upper-division General Education may not include courses from the student's major department. This requirement may be satisfied by courses also used to satisfy any part of a student's degree program (i.e., in General Education, College Departmental Requirements, Major Requirements or Electives).
- d. Non-Western Studies Requirement for B.A. and B.F.A.; One 3-hour course in Non-Western Studies (N.W.). This requirement may be satisfied by courses also used to satisfy any part of a student's degree program (i.e., in General Education, College Departmental Requirements, Major Requirements or Electives).
- e. The College of Arts & Sciences requires a minimum 2.0 GPA in all major requirements and a minimum 2.0 GPA in all major-prefix courses applied to the degree.

### 3. Foreign Language Proficiency

- a. The foreign language requirement for the B.A. may be satisfied by 9 hours college credit in the same language, which must include 3 hours at the 2000-level, or equivalent proficiency (e.g., passing an advanced standing examination; TOEFL exam; presenting a high school transcript which demonstrates the high school was primarily conducted in a language other than English; etc.). Computer Science courses may not be used to satisfy this requirement. Currently Arabic and Mvskoke are not offered at the 2000-level at OSU.
- b. The foreign language requirement for the B.S., B.M. and B.F.A. may be satisfied by presenting a high school transcript which demonstrates two years of study of a single foreign language (passing grades at second-year level of study). It may also be satisfied by 6 hours college credit in the same language, which must include language courses 1713 and 1813, or equivalent proficiency (e.g., passing an advanced standing examination; TOEFL exam; presenting a high school transcript

which demonstrates the high school was primarily conducted in a language other than English; etc.). Computer Science courses may not be used to satisfy this requirement.

- c. In addition to a. and b., students pursuing teacher certification must meet novice-high foreign language proficiency by presenting a high school transcript which demonstrates two years of study of a single foreign language with no grade below B. Or, students may complete 3 hours college credit in a single language with no grade below C (or pass an advanced standing examination, College Level Examination Program (CLEP) exam, or Oral Proficiency Interview developed by the American Council on the Teaching of Foreign Languages, equivalent to 3 hours of college credit.) Or, students may meet the requirement by transfer of documentation of meeting the foreign language competency from one of the teacher education programs in the State of Oklahoma approved by the Oklahoma State Regents for Higher Education.

### 4. Exclusions

- a. Courses used to satisfy the General Education English Composition, U.S. History, American Government, and Mathematics or Statistics requirements will not count toward the 54-hour maximum allowed from one department.
- b. Courses with ATHL or LEIS prefixes and leisure activity courses may not be used for degree credit.

## Other Requirements

- See the College of Arts and Sciences Requirements.
- **Upper-Division Credit:** Total hours must include at least 40 hours in courses numbered 3000 or above.
- **Hours in One Department:** For B.A. and B.S. degrees, no more than 54 hours in one department may be applied to degree requirements.

## Additional State/OSU Requirements

- At least: 60 hours at a four-year institution; 30 hours completed at OSU; 15 of the final 30 or 50% of the upper-division hours in the major field completed at OSU.
- Limit of: one-half of major course requirements as transfer work; one-fourth of hours earned by correspondence; 8 transfer correspondence hours.
- Students will be held responsible for degree requirements in effect at the time of matriculation and any changes that are made, so long as these changes do not result in semester credit hours being added or do not delay graduation.
- Degrees that follow this plan must be completed by the end of Summer 2028.

## Music: Performance, BM

### Degree Requirements

**Requirements for Students Matriculating in or before Academic Year 2022-2023.** Learn more about University Academic Regulation 3.1 (p. 943).

**Minimum Overall Grade Point Average:** 2.00

**Total Hours:** Vocal-125 Keyboard/Instrumental-122

Code	Title	Hours
<b>General Education Requirements</b>		
<i>English Composition</i>		
See Academic Regulation 3.5 (p. 944)		
ENGL 1113	Composition I	3
or ENGL 1313	Critical Analysis and Writing I	
Select one of the following:		3
ENGL 1213	Composition II	
ENGL 1413	Critical Analysis and Writing II	
ENGL 3323	Technical Writing	
<i>American History &amp; Government</i>		
HIST 1103	Survey of American History	3
or HIST 1483	American History to 1865 (H)	
or HIST 1493	American History Since 1865 (DH)	
POLS 1113	American Government	3
<i>Analytical &amp; Quantitative Thought (A)</i>		
MATH or STAT course designated (A)		3
<i>Humanities (H)</i>		
MUSI 3753	History of Music to 1600 (H) (Minimum grade of "C") <sup>1</sup>	3
Courses designated (H)		3
<i>Natural Sciences (N)</i>		
Must include one Laboratory Science (L) course		
Course designated (N)		6
<i>Social &amp; Behavioral Sciences (S)</i>		
Course designated (S)		3
<i>Additional General Education</i>		
Courses designated (A), (H), (N), or (S)		10
<b>Hours Subtotal</b>		<b>40</b>
<b>Diversity (D) &amp; International Dimension (I)</b>		
May be completed in any part of the degree plan		
Select at least one Diversity (D) course		
Select at least one International Dimension (I) course		
<b>College/Departmental Requirements</b>		
<i>First Year Seminar</i>		
(Transfer students with 15 hours exempt)		1
<i>Foreign Language</i>		
See note 3		
0-6 hours		
<i>Upper-Division General Education</i>		
Select 6 hours outside major department		
See note 2.c.		
<b>Hours Subtotal</b>		<b>1</b>

### Major Requirements

Minimum 2.50 GPA with minimum grade of "C" in all MUSI and JAZZ courses.		
MUSI 1531	Sight Singing and Aural Skills	1
MUSI 1532	Theory of Music I	2
MUSI 1541	Sight Singing and Aural Skills II	1
MUSI 1542	Theory of Music II	2
MUSI 2551	Sight Singing and Aural Skills III	1
MUSI 2552	Theory of Music III	2
MUSI 2561	Sight Singing and Aural Skills IV	1
MUSI 2562	Theory of Music IV	2
Select 12 hours of Applied Major Music Lessons:		12
MUSI 2490	Major Applied Lessons	
Select 2 hours of Applied Minor Music Lessons		2
MUSI 1011	Class Piano I	
MUSI 1021	Class Piano II	
MUSI 2010	Piano Class Lessons	
MUSI 2480	Elective Applied Lessons	
MUSI 4480	Elective Applied Lessons	
Select 4 hours from the following:		4
Instrumental and Vocal majors: select 4 hours of lower-division Music Organization		
MUSI 2610	University Bands I	
MUSI 2620	Symphony Orchestra I	
MUSI 2630	University Choral Ensembles I	
Keyboard majors: select 2 hours of Music Organization and 2 hours MUSI 4700		
MUSI 3582	Survey of World Musics	2
MUSI 3712	Basic Conducting	2
MUSI 3763	History of Music from 1600-1800	3
MUSI 3783	Form And Analysis	3
MUSI 3873	History of Music from 1800-Present	3
MUSI 4972	Post Tonal Analysis	2
MUSI 4490 (Major Applied Lessons)		14
MUSI 3901	Junior Recital	1
MUSI 4901	Senior Recital	1
Select one group (p. 1586)		
<b>Hours Subtotal</b>		<b>81-84</b>
<b>Electives</b>		
May need to include 6 hours upper-division general education outside major department (see note 2.c.)		
<b>Hours Subtotal</b>		<b>0</b>
<b>Total Hours</b>		
<i>Vocal</i>		125
<i>Keyboard/Instrumental</i>		122
1		
College and Departmental Requirements that may be used to meet General Education Requirements.		
All Music Majors must successfully complete an entrance audition, upper-division theory examination, keyboard proficiency examination, and six semesters of MUSI 0500 Student Recital Attendance, and must enroll		

in piano until they have successfully completed the piano proficiency examination.

## Groups Keyboard

Code	Title	Hours
4 hours from:		4
MUSI 4840	Special Studies in Music Literature	
4 hours from:		4
MUSI 4890	Special Studies in Music Pedagogy	
MUSI 4042	Collaborative Piano I	2
MUSI 4142	Collaborative Piano II	2
2 hours from:		2
MUSI 4600	Chamber Ensembles	
Select 6 hours from one foreign language		6

## Instrumental

Code	Title	Hours
MUSI 4840	Special Studies in Music Literature	2
MUSI 4890	Special Studies in Music Pedagogy	2
Ensemble: Select 8 hours upper-division Music Organization including at least 2 hours of Chamber Music		8
MUSI 3610	University Bands II	
MUSI 3620	Symphony Orchestra II	
MUSI 4600	Chamber Ensembles	
JAZZ 3610	Jazz Orchestra	
JAZZ 3620	Jazz Ensemble	
JAZZ 4600	Jazz Combos	
Select one of the following:		2
MUSI 3722	Advanced Ensemble Conducting	
MUSI 3772	Counterpoint	
MUSI 4912	Orchestration and Arranging	
MUSI 4480	Elective Applied Lessons (2 hours)	
Select 6 hours from one foreign language		6

## Vocal

Code	Title	Hours
MUSI 4890	Special Studies in Music Pedagogy	2
<i>Diction/Literature</i>		
MUSI 3642	English and Italian Diction and Vocal Literature	2
MUSI 3652	French Diction and Vocal Literature	2
MUSI 3662	German Diction and Vocal Literature	2
Ensemble: Select 6 hours upper-division Music Organization including at least one hour of Chamber Music		6
MUSI 3630	University Choral Ensembles II	
MUSI 4600	Chamber Ensembles	
Select 9 hours of foreign language from no more than two languages		9

## Other Requirements

- See the College of Arts and Sciences Requirements.
- **Upper-Division Credit:** Total hours must include at least 40 hours in courses numbered 3000 or above.
- **Hours in One Department:** For B.A. and B.S. degrees, no more than 54 hours in one department may be applied to degree requirements.

## College of Arts and Sciences Requirements

### 1. General Education Requirements

No more than two courses (or eight hours) from the major department (<http://catalog.okstate.edu/college-arts-sciences-major-departments/>) may be used to meet General Education and College and Departmental Requirements. The General Education required English Composition, required U.S. History, required American Government, one required MATH or STAT course, and required foreign language for B.A. degrees do not count against the two-course maximum.

### 2. A&S College/Departmental Requirements

- Arts and Humanities are defined as any course carrying an (H) designation or courses from AMST, ART, DANC, ENGL (except ENGL 3323 Technical Writing) HIST, MUSI, PHIL (except PHIL 1313 Logic and Critical Thinking (A), PHIL 3003 Symbolic Logic (A) and PHIL 4003 Mathematical Logic and Computability), REL, TH, and foreign languages.
- Natural and Mathematical Sciences are defined as any course from the following prefixes: ASTR, BIOC, BIOL, CHEM, CS (except CS 4883 Social Issues in Computing), GEOL, MATH, MICR, PBIO, PHYS, and STAT; or courses from other departments that carry an (A) or (N) general education designation.
- The required six hours of upper-division General Education may not include courses from the student's major department. This requirement may be satisfied by courses also used to satisfy any part of a student's degree program (i.e., in General Education, College Departmental Requirements, Major Requirements or Electives).
- Non-Western Studies Requirement for B.A. and B.F.A.; One 3-hour course in Non-Western Studies (N.W.). This requirement may be satisfied by courses also used to satisfy any part of a student's degree program (i.e., in General Education, College Departmental Requirements, Major Requirements or Electives).
- The College of Arts & Sciences requires a minimum 2.0 GPA in all major requirements and a minimum 2.0 GPA in all major-prefix courses applied to the degree.

### 3. Foreign Language Proficiency

- The foreign language requirement for the B.A. may be satisfied by 9 hours college credit in the same language, which must include 3 hours at the 2000-level, or equivalent proficiency (e.g., passing an advanced standing examination; TOEFL exam; presenting a high school transcript which demonstrates the high school was primarily conducted in a language other than English; etc.). Computer Science courses may not be used to satisfy this requirement. Currently Arabic and Mvskoke are not offered at the 2000-level at OSU.
- The foreign language requirement for the B.S., B.M. and B.F.A. may be satisfied by presenting a high school transcript which demonstrates two years of study of a single foreign language

(passing grades at second-year level of study). It may also be satisfied by 6 hours college credit in the same language, which must include language courses 1713 and 1813, or equivalent proficiency (e.g., passing an advanced standing examination; TOEFL exam; presenting a high school transcript which demonstrates the high school was primarily conducted in a language other than English; etc.). Computer Science courses may not be used to satisfy this requirement.

- c. In addition to a. and b., students pursuing teacher certification must meet novice-high foreign language proficiency by presenting a high school transcript which demonstrates two years of study of a single foreign language with no grade below B. Or, students may complete 3 hours college credit in a single language with no grade below C (or pass an advanced standing examination, College Level Examination Program (CLEP) exam, or Oral Proficiency Interview developed by the American Council on the Teaching of Foreign Languages, equivalent to 3 hours of college credit.) Or, students may meet the requirement by transfer of documentation of meeting the foreign language competency from one of the teacher education programs in the State of Oklahoma approved by the Oklahoma State Regents for Higher Education.

#### 4. Exclusions

- a. Courses used to satisfy the General Education English Composition, U.S. History, American Government, and Mathematics or Statistics requirements will not count toward the 54-hour maximum allowed from one department.
- b. Courses with ATHL or LEIS prefixes and leisure activity courses may not be used for degree credit.

## Additional State/OSU Requirements

- At least: 60 hours at a four-year institution; 30 hours completed at OSU; 15 of the final 30 or 50% of the upper-division hours in the major field completed at OSU.
- Limit of: one-half of major course requirements as transfer work; one-fourth of hours earned by correspondence; 8 transfer correspondence hours.
- Students will be held responsible for degree requirements in effect at the time of matriculation and any changes that are made, so long as these changes do not result in semester credit hours being added or do not delay graduation.
- Degrees that follow this plan must be completed by the end of Summer 2028.

## Example Plan of Study

### Finish in Four Plan of Study<sup>1</sup>

The plan below is an **example** of how students can successfully complete degree requirements in four years. This suggested class schedule plan may be used as a guide and can be adjusted based on individual needs. Students are required to meet with an academic advisor prior to enrollment each semester to plan their class schedule, and students are ultimately responsible for completing all degree requirements.

Course	Title	Hours
<b>Freshman</b>		
<b>Fall</b>		
A&S 1111	A&S First Year Seminar	1
ENGL 1113 or ENGL 1313	Composition I or Critical Analysis and Writing I	3

3 hours MATH or STAT (A)		3
MUSI 0500	Student Recital Attendance	0
MUSI 1531	Sight Singing and Aural Skills	1
MUSI 1532	Theory of Music I	2
Music Lessons and Ensemble		4

**Hours** **14**

<b>Spring</b>		
ENGL 1213 or ENGL 1413	Composition II or Critical Analysis and Writing II	3
MUSI 0500	Student Recital Attendance	0
MUSI 1541	Sight Singing and Aural Skills II	1
MUSI 1542	Theory of Music II	2
Music Lessons and Ensemble		4
General Education and Major courses <sup>2</sup>		6

**Hours** **16**

<b>Sophomore</b>		
<b>Fall</b>		
MUSI 2551	Sight Singing and Aural Skills III	1
MUSI 0500	Student Recital Attendance	0
MUSI 2552	Theory of Music III	2
MUSI 3753	History of Music to 1600 (H)	3
Music Lessons and Ensemble		6
1713 First Semester Foreign Language		3

**Hours** **15**

<b>Spring</b>		
MUSI 2561	Sight Singing and Aural Skills IV	1
MUSI 2562	Theory of Music IV	2
MUSI 3763	History of Music from 1600-1800	3
MUSI 0500	Student Recital Attendance	0
Music Lessons and Ensemble		5
1813 Second Semester Foreign Language		3

**Hours** **14**

<b>Junior</b>		
<b>Fall</b>		
MUSI 3783	Form And Analysis	3
MUSI 3873	History of Music from 1800-Present	3
MUSI 3582	Survey of World Musics	2
MUSI 0500	Student Recital Attendance	0
Music Lessons and Ensemble		5
General Education and College courses <sup>2</sup>		3

**Hours** **16**

<b>Spring</b>		
MUSI 3901	Junior Recital	1
MUSI 0500	Student Recital Attendance	0
Music Lessons and Ensemble		7
General Education courses <sup>2</sup>		7

**Hours** **15**

<b>Senior</b>		
<b>Fall</b>		
MUSI 4840	Special Studies in Music Literature	2
MUSI 4600	Chamber Ensembles	1
MUSI 3712	Basic Conducting	2
Music Lessons and Ensemble		5
General Education courses <sup>2</sup>		6

**Hours** **16**

<b>Spring</b>		
MUSI 4901	Senior Recital	1
MUSI 4890	Special Studies in Music Pedagogy	2
MUSI 3732 or MUSI 3772 or MUSI 4912	Secondary Choral Methods or Counterpoint or Orchestration and Arranging	2
Music Ensemble		2

General Education courses <sup>2</sup>	9
<b>Hours</b>	<b>16</b>
<b>Total Hours</b>	<b>122</b>

1

Credit hours are 125 for Vocal Performance. Please consult with your major advisor for details.

2

Speak with academic advisor about saving General Education electives and Humanities (H) for Upper-division courses with International (I) and Diversity (D) dimensions.

## Philosophy

Philosophy is both an intellectual activity and a subject of study. As an activity, philosophy seeks to analyze, evaluate, and often reformulate the ideas, principles and arguments by which experience is understood and explained and by which action is directed and justified. Philosophy explores every area of experience and behavior: e.g., aesthetic, political, religious, scientific and moral. The writings produced by great philosophers are worthy of study as models of thought and as artifacts of historical influence and cultural significance.

Courses offered in philosophy fall into three general groups: broad introductory courses that cover a variety of topics, historical courses that study important thinkers, and special topic or field courses. Some offerings combine the latter two characteristics. Few undergraduate courses are intended primarily for majors. The BA program in philosophy has been approved for offering at OSU-Tulsa. Students may pursue work in philosophy as part of their general education, as a support to their major area of concentration, as a minor, as a major leading to a BA degree, as a second major, or in connection with a graduate program.

In addition to the standard Bachelor of Arts in Philosophy, which offers three tracks (see below), the Department also offers two specialty options, Pre-Ministry and Pre-Law. The Pre-Ministry option includes required courses in Religious Studies, and students are encouraged to take counseling courses as electives. The Pre-Law option is flexible and allows students to incorporate relevant courses from departments such as Political Science, Economics, Finance and Business Communications

The standard Bachelor of Arts in Philosophy accommodates students of three sorts. The "general" track is designed for students who wish to explore philosophy as a general path to the refinement of their thinking, writing and speaking, and a deepening appreciation of the most fundamental and guiding ideas and values of civilization. It is a very flexible program, requiring two lower-division introductory courses, two upper-division historical survey courses and 19 hours of additional unspecified philosophy courses numbered 3000 or above. The "pre-professional" track is designed for students who wish to provide a philosophical foundation for their professional interests (such as law, medicine, business, public service). Though requirements are technically the same for these students as those on a general track, they are assigned a second advisor who helps to coordinate curricular and other activities for the best career preparation possible. The "graduate preparation" track is designed for students who are interested in pursuing graduate studies in philosophy. It requires an additional six hours of upper-division philosophy and mandates more specific courses than either of the other tracks. Students may shift from track to track at any time without prejudice.

A minor or a second major in philosophy will complement any other area of study. A philosophy minor requires 18 hours of unspecified philosophy courses, 12 of which must be numbered 3000 or above.

## Courses

### PHIL 1023 Who Do You Think You Are? (H)

**Description:** Is who you think you are really who you are? Is there more to understanding who we are than we can know with the mind? Are there depths of our personal identity that go beyond our ordinary notions about being "somebody" ? Does discovering who and what I am have any impact on the quality of my life? This course explores these issues from both philosophical and spiritual sources, utilizing practices designed to help bring direct, transformative insights into the question of who and what we really are so that we might enjoy a life of peace, love and joy.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Philosophy

**General Education and other Course Attributes:** Humanities

### PHIL 1113 Introduction To Philosophy (H)

**Description:** Selected philosophical problems: the nature of reality, knowledge, value, social ideals and religion. Previously offered as PHIL 2113.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Philosophy

**General Education and other Course Attributes:** Humanities

### PHIL 1213 Philosophies of Life (H)

**Description:** Introduction to selected views of living a meaningful life in light of morality, social values, truth and freedom.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Philosophy

**General Education and other Course Attributes:** Humanities

### PHIL 1313 Logic and Critical Thinking (A)

**Description:** Formal and informal reasoning, common fallacies, definitions and language functions, patterns of explanation. Practical criticism and development of everyday arguments.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Philosophy

**General Education and other Course Attributes:** Analytical & Quant Thought

### PHIL 2003 Local Issues and Ethical Controversies (H)

**Description:** This course will familiarize students with current and highly debated moral issues that affect their lives and the lives of those in their community. Moral theories will be applied to critical issues that affect Oklahoma and surrounding Southwestern states. Students will learn how to articulate both sides of these debated issues, as well as how to engage in civil discourse with others with whom they may disagree.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Philosophy

**General Education and other Course Attributes:** Humanities



**PHIL 2013 Philosophical Classics (H)**

**Description:** Basic works by great thinkers, including Plato, Descartes and Hume. Previously offered as PHIL 1013.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Philosophy

**General Education and other Course Attributes:** Humanities

**PHIL 2043 Philosophy of Film (H)**

**Description:** This course introduces students to the various philosophical issues surrounding film. Topics will include: the nature of cinema, authorship and narration, film's relationship with the emotions, genre, and cinematic depictions of love, violence, race and gender. Various film techniques will also be discussed, including cinematography, lighting, editing, scoring and sound design. These issues will be dealt with by making use of philosophical texts. Course previously offered as PHIL 3723.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Philosophy

**General Education and other Course Attributes:** Humanities

**PHIL 2053 Philosophy in Literature (H)**

**Description:** Selected literary works examined for philosophical ideas and themes. Attention to the interrelation of form and content. Thematic approach. Course previously offered as PHIL 4453.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Philosophy

**General Education and other Course Attributes:** Humanities

**PHIL 2413 Global Ethics (HI)**

**Description:** Issues like poverty, climate change, immigration and the development and distribution of medical treatments can best be understood as global issues. In Global Ethics, students will study a variety of global ethical challenges and learn how those from different countries/cultures understand and respond to these challenges. The goal of this course is not to convince students that one particular viewpoint is correct. Rather, students will be encouraged to determine what they believe is the best way to understand and ethically respond to some of the global ethical issues that currently challenge us.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Philosophy

**General Education and other Course Attributes:** Humanities, International Dimension

**PHIL 2513 Philosophy and Culture (H)**

**Description:** A philosophical investigation of diverse cultural attitudes, values, and experiences. Representative topics include social media, entertainment, music, film, art, tradition, ritual, gender, race, class, and religion.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Philosophy

**General Education and other Course Attributes:** Humanities

**PHIL 2573 Drugs, Philosophy and Society (H)**

**Description:** This course explores the various philosophical issues that arise from humankind's relationship with drug use. Considerable time will be spent analyzing both the justification and ethical implications of current United States drug policies.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Philosophy

**General Education and other Course Attributes:** Humanities

**PHIL 2890 Honors Experience in Philosophy**

**Prerequisites:** Honors Program participation and concurrent enrollment in a designated PHIL course.

**Description:** A supplemental Honors experience in Philosophy to partner concurrently with designated Philosophy course(s). This course adds a different intellectual dimension to the designated course(s). Offered for fixed credit, 1 credit hour, maximum of 6 credit hours.

**Credit hours:** 1

**Contact hours:** Lecture: 1 Contact: 1

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Philosophy

**General Education and other Course Attributes:** Honors Credit

**PHIL 2990 Sophomore Seminar in Philosophy**

**Prerequisites:** 3 credit hours of Philosophy or consent of instructor.

**Description:** A seminar-style course on varying philosophic topics intended for sophomores, taught by faculty members on a rotating basis. Offered for fixed credit, 3 credit hours, maximum of 6 credit hours.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Philosophy

**PHIL 3003 Symbolic Logic (A)**

**Description:** Propositional logic and predicate logic with identity. Formal analysis of language. Previously offered as PHIL 4303. May not be used for degree credit with PHIL 5003.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Philosophy

**General Education and other Course Attributes:** Analytical & Quant Thought

**PHIL 3113 Ancient Greek Philosophy (H)**

**Prerequisites:** PHIL 1113, PHIL 1313 or PHIL 2013, or any 3000-4000 level PHIL course.

**Description:** Historically-based introduction to the philosophical ideas and works of Plato and Aristotle. Begin by reading excerpts and commentary on the Pre-Socratics and Sophists. End the course with readings from the Hellenistic schools of philosophy: Stoics, Skeptics, and Epicureans.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Philosophy

**General Education and other Course Attributes:** Humanities

**PHIL 3213 17th and 18th Century Philosophy (H)**

**Prerequisites:** PHIL 1113 or PHIL 1313 or PHIL 2013, or any 3000-4000 level PHIL course.

**Description:** Major philosophers and problems in Western thought from the 17th through the 18th century. Emphasis on Descartes, Hume and Kant.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Philosophy

**General Education and other Course Attributes:** Humanities

**PHIL 3313 19th and 20th Century Philosophy (H)**

**Description:** Major philosophers and problems in Western thought from Hegel to the present.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Philosophy

**General Education and other Course Attributes:** Humanities

**PHIL 3413 Ethical Theory (H)**

**Description:** Contemporary and classical views on the nature of moral judgments, moral value, relativity and objectivity, freedom and responsibility.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Philosophy

**General Education and other Course Attributes:** Humanities

**PHIL 3433 Happiness and Well-being (H)**

**Description:** An investigation into the science and philosophy of happiness and well-being as well as the relationship between the two.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Philosophy

**General Education and other Course Attributes:** Humanities

**PHIL 3513 Social Philosophy (H)**

**Description:** Major social thinkers and contemporary issues. Social authority, human rights, political forms and justice. Emphasis on Aristotle, Locke, Mill and Marx.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Philosophy

**General Education and other Course Attributes:** Humanities

**PHIL 3523 Medieval Philosophy (H)**

**Description:** The central focus is on the philosophical and theological problems that engaged the minds of medieval thinkers from Christian, Islamic, and Jewish traditions, including Abelard, Avicenna, Averroes, Maimonides, Aquinas, Scotus, and Ockham.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Philosophy

**General Education and other Course Attributes:** Humanities

**PHIL 3553 Philosophy of Dreams (H)**

**Description:** Critical examination of philosophical writings about dreams and dream theories. Topics include distinguishing dreams from reality, questions about morality in dreams, and debates about the evolutionary functions of dreams.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Philosophy

**General Education and other Course Attributes:** Humanities

**PHIL 3613 Philosophy of Religion (H)**

**Description:** Nature of religion, religious experience and religious language. God-concepts, theistic arguments, God and evil, God and immortality.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Philosophy

**General Education and other Course Attributes:** Humanities

**PHIL 3623 Philosophy of Race (DH)**

**Description:** Philosophy of Race investigates race discourse within the texts of contemporary philosophers. The course begins with an examination of the concept of race from antiquity through postmodernity. Course discussion focuses on the biological veracity of race, the rise of race as a sociopolitical concept, and the role of modern philosophers in shaping the prevailing perception of people of non-European descent in the West and the implicit justification of slavery, which pervades their texts.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Philosophy

**General Education and other Course Attributes:** Diversity, Humanities

**PHIL 3633 MLK, Malcolm X, & Philosophy of Race (DH)**

**Description:** Critical examination of African American philosophers and other Black thinkers of the Diaspora In an effort to understand the philosophical significance of the Black experience. Since Martin Luther King, Jr. and Malcolm X are widely accepted as the apex of the two major strains of Black-American philosophy this course will closely read their works.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Philosophy

**General Education and other Course Attributes:** Diversity, Humanities

**PHIL 3703 Animal Ethics (H)**

**Description:** Ethical Issues regarding animals and their moral status. Topics include animal welfare, consciousness, ethical arguments for and against eating meat, debates about the legal rights of the great apes, biomedical research, the ethics of zoos and aquariums, methods of population control, and companion animals.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Philosophy

**General Education and other Course Attributes:** Humanities

**PHIL 3713 Philosophy of Education**

**Description:** Classical and contemporary philosophers who have systematically developed their ideas about education, including Plato, Aristotle, Rousseau, Locke, and Dewey.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Philosophy

**PHIL 3733 Environmental Ethics (H)**

**Description:** This course explores human ethical obligations as they related to the broader natural environment in the light of two issues: contemporary concerns about human-induced changes to the environment (pollution, resource depletion, climate change, etc.), and the question of how distinct ways of conceiving the human relationship to nature impact human behavior and thereby the trajectory of these environmental changes.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Philosophy

**General Education and other Course Attributes:** Humanities

**PHIL 3743 Science and Human Values (H)**

**Description:** A general introduction to the history of western science, stressing cultural values affecting scientific innovations, as well as the affects of scientific innovations on cultural values. Important examples from the history of astronomy and physics and from the history of evolutionary biology will be examined. Students will critically examine the relationship(s) between scientific work and broader cultural concerns.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Philosophy

**General Education and other Course Attributes:** Humanities

**PHIL 3773 Social Media Today (H)**

**Description:** In this class students are going to read and reflect upon some of the most influential theories on social media today. Discussions will include the competing analyses of Bauerlein, Carr, Shirky and many others who debate the influences of modern media (like Snapchat, Facebook, and Instagram) on a wide array of topics: social identity, friendship, love, knowledge, communication, individuality, commerce, entertainment, creativity, consumerism, political activism, and democratic ideals.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Philosophy

**General Education and other Course Attributes:** Humanities

**PHIL 3783 Artificial Intelligence and Philosophy (H)**

**Description:** Developments in artificial intelligence raise important philosophical questions about who we are, how we should live, and what we should strive for. This course will cover some of these topics, such as the nature of intelligence, machine consciousness, robot ethics, the politics of automation, and the technological singularity (i.e., the post-human era). We shall also explore the recent growth of machine learning and consider some of its consequences for philosophical questions about science.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Philosophy

**General Education and other Course Attributes:** Humanities

**PHIL 3793 Love, Sex, and Gender (H)**

**Description:** In this class students are going to engage a variety of theories on sex, love, and gender. Some of these theories emphasize the role of our evolutionary past on how we pursue intimate relationships. On this view, much of our desire for sex and love is influenced by the reproductive choices of our ancestors. Other theories, however, stress the rich diversity of social practices historically and across the world today. Students will therefore be exposed to competing ideas on marriage, sexual preferences, promiscuity, hormonal differences, gender socialization, and so forth.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Philosophy

**General Education and other Course Attributes:** Humanities

**PHIL 3803 Business Ethics (H)**

**Description:** Ethical issues in business, such as employer-employee duties and loyalties, advertising uses, preferential treatment practices. Analytic grounding in basic theories of ethics.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Philosophy

**General Education and other Course Attributes:** Humanities

**PHIL 3813 American Philosophy (H)**

**Description:** Dominant trends in American philosophy, with an emphasis on Pragmatism.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Philosophy

**General Education and other Course Attributes:** Humanities

**PHIL 3823 Engineering Ethics**

**Description:** Philosophical analysis of moral issues in engineering practice, such as whistle blowing, conflicts of interest and product liability. Professional codes of ethics.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Philosophy

**PHIL 3833 Biomedical Ethics (H)**

**Description:** Moral problems brought about by recent developments in scientific research and medical technology. Abortion, euthanasia, genetic engineering, and human experimentation.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Philosophy

**General Education and other Course Attributes:** Humanities

**PHIL 3843 Philosophy of Law (H)**

**Prerequisites:** Upper-division standing.

**Description:** Philosophical issues related to U.S. law. The relationship between law and morality, the nature and functions of law and grounds of liability.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Philosophy

**General Education and other Course Attributes:** Humanities

**PHIL 3853 Pragmatism (H)**

**Description:** A survey of Pragmatism and its history. While the course will primarily focus on two major figures of American Pragmatism, Charles Peirce and William James, we will also explore how pragmatism developed in the 21st century and track its influence in both philosophy and science.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Philosophy

**General Education and other Course Attributes:** Humanities

**PHIL 3873 Feminist Philosophy (DH)**

**Description:** Feminist Philosophy introduces students to various concepts, insights, and methodological tools within feminist philosophy. Issues include: what 'feminist philosophy' is, concepts such as intersectionality, power, privilege, and oppression, and how they can be identified in practice. Relationships between feminism and other in-group/out-group binary concerns will also be explored.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Philosophy

**General Education and other Course Attributes:** Diversity, Humanities

**PHIL 3890 Advanced Honors Experience in PHIL**

**Prerequisites:** Honors Program participation and concurrent enrollment in a designated PHIL course.

**Description:** A supplemental Honors experience in philosophy to partner concurrently with designated upper-division PHIL course(s). This course adds a different Intellectual dimension to the designated course(s). Offered for fixed credit, 1 credit hour, maximum of 6 credit hours.

**Credit hours:** 1

**Contact hours:** Lecture: 1 Contact: 1

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Philosophy

**General Education and other Course Attributes:** Honors Credit

**PHIL 3913 Existentialism (H)**

**Prerequisites:** Three credit hours of philosophy.

**Description:** Selected writings and themes in the development of existentialism and related intellectual movements. Subjectivity, phenomenological description, hermeneutics, freedom and value; and such writers as Kierkegaard, Nietzsche, Heidegger, Sartre, Marcel and Buber.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Philosophy

**General Education and other Course Attributes:** Humanities

**PHIL 3920 Contemporary Philosophical Problems**

**Description:** Selected contemporary problems and discussions. Offered for fixed credit, 3 credit hours, maximum of 9 credit hours.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Philosophy

**PHIL 3933 Creation and Evolution**

**Description:** Critical examination of claims that various Creationist/ Intelligent Design models offer better scientific explanations for selected biological phenomena than does the current dominant view of Darwinian Evolution.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Philosophy

**PHIL 3943 Asian Philosophy (HI)**

**Description:** Three main streams of Asian thought: Indian, Chinese and Buddhist. How various thinkers in the three traditions have dealt with questions of being and becoming, knowledge, ethics, and society.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Philosophy

**General Education and other Course Attributes:** Humanities, International Dimension

**PHIL 3991 Contemporary Philosophy Research**

**Prerequisites:** Upper-division standing, at least 12 hours in philosophy completed.

**Description:** Study of leading edge research in philosophy through presentation and discussion of current philosophy journal articles with faculty. Previously offered as PHIL 4991.

**Credit hours:** 1

**Contact hours:** Lecture: 1 Contact: 1

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Philosophy

**PHIL 4000 Senior Thesis in Philosophy**

**Prerequisites:** PHIL 4990 and consent of instructor.

**Description:** Guided individual work on a thesis under the direction of a faculty member, with a second faculty reader and oral presentation. Intended for senior standing undergraduate Philosophy majors. Offered for variable credit, 1-3 credit hours, maximum of 3 credit hours.

**Credit hours:** 1-3

**Contact hours:** Contact: 1-3 Other: 1-3

**Levels:** Undergraduate

**Schedule types:** Independent Study

**Department/School:** Philosophy

**PHIL 4003 Mathematical Logic and Computability**

**Prerequisites:** PHIL 3003 or MATH 3613 or consent of instructor.

**Description:** The basic metatheorems of first order logic: soundness, completeness, compactness, Löwenheim-Skolem theorem, undecidability of first order logic, Gödel's incompleteness theorem. Enumerability, diagonalization, formal systems, standard and nonstandard models, Gödel numberings, Turing machines, recursive functions, and evidence for Church's thesis. Same course as MATH 4003. May not be used for degree credit with PHIL 5013.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Philosophy

**PHIL 4013 Perspectives on Death and Dying (H)**

**Description:** Issues that arise as individuals confront the fact of mortality. Dying patients, the ethical issues of euthanasia and suicide, the process of grief, death in literature and the arts, and philosophical and religious views on immortality.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Philosophy

**General Education and other Course Attributes:** Humanities

**PHIL 4113 Philosophy and the Arts (H)**

**Description:** Nature of aesthetic objects and experiences; form, meaning and value in the arts; the function of art in society; criteria of criticism of the arts.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Philosophy

**General Education and other Course Attributes:** Humanities

**PHIL 4313 Philosophy of Mind (H)**

**Description:** A survey of problems in the philosophy of mind, including the nature of consciousness, physicalism vs. dualism, the self and personal identity, psychopathologies, animal minds, and artificial intelligence.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Philosophy

**General Education and other Course Attributes:** Humanities

**PHIL 4543 Philosophy of Language**

**Prerequisites:** PHIL 1313 or PHIL 3003.

**Description:** A survey of the development of the philosophy of language, including works of philosophers such as Frege, Wittgenstein, Russell, Strawson, Searle, Donnellan, Grice, and Kripke. May not be used for degree credit with PHIL 5543.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Philosophy

**PHIL 4553 Contemporary Ethical Theory**

**Prerequisites:** PHIL 3413 or consent of instructor.

**Description:** Debate in ethical theory since Moore. The naturalistic fallacy, intuitionism, and value realism. May not be used for degree credit with PHIL 4553.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Philosophy



**PHIL 4713 Philosophy of Science (H)**

**Description:** Philosophical issues related to science and its role in society. Topics include science and common sense, laws and theories, causality, nature of scientific progress.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Philosophy

**General Education and other Course Attributes:** Humanities

**PHIL 4723 Philosophy of Psychology (H)**

**Description:** A survey of problems in philosophy of psychology, including the nature of psychology and its relation to natural sciences, the cognitive architecture of our minds, which cognitive capacities are innate and which are developed, the relationship between the brain, body, and external world, how we understand other minds, how language affects thought.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Philosophy

**General Education and other Course Attributes:** Humanities

**PHIL 4733 Philosophy of Biology (H)**

**Description:** Selected philosophical topics, such as Darwinism and other theories of evolution, physical reductionism, and issues of genetic engineering.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Philosophy

**General Education and other Course Attributes:** Humanities

**PHIL 4890 Internship in Philosophy**

**Prerequisites:** Consent of instructor.

**Description:** Directed internship experience in a philosophy-related professional work setting. Students must have an approved internship that will provide philosophy experience beyond that available in the classroom. Students produce written analyses of their work and learning under the guidance of the instructor and internship site supervisor. Offered for variable credit, 1-9 credit hours, maximum of 9 credit hours.

**Credit hours:** 1-9

**Contact hours:** Contact: 1-9 Other: 1-9

**Levels:** Undergraduate

**Schedule types:** Independent Study

**Department/School:** Philosophy

**PHIL 4943 Indian Philosophy**

**Prerequisites:** PHIL 3943 or consent of instructor.

**Description:** Study of texts and themes in two main traditions of Indian Philosophy: Hinduism and Buddhism. How these schools present the fundamental nature and knowledge of reality, human existence, the divine, and enlightenment. May not be used for degree credit with PHIL 5943.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Philosophy

**PHIL 4953 East Asian Philosophy**

**Prerequisites:** PHIL 3943 or consent of instructor.

**Description:** Study of texts and themes in the Chinese and Japanese traditions: Confucianism, Daoism and Zen. How these schools present the fundamental nature and knowledge of reality, human existence, community and enlightenment. May not be used for degree credit with PHIL 5953.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Philosophy

**PHIL 4983 Knowledge and Reality**

**Prerequisites:** 12 credit hours of philosophy.

**Description:** This course surveys topics in epistemology, a branch of philosophy that asks the following types of questions. What can we know? How do we come to know it? What value does knowing have for our lives? We will also survey questions in metaphysics, a branch of philosophy that explores the nature of reality. For example, are properties like redness just as real as things like tables and chairs? What is a person? What does contemporary science say about what the world is made up of? May not be used for degree credit with PHIL 5983.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Philosophy

**PHIL 4990 Special Studies in Philosophy**

**Description:** Selected philosophical topics or works. Offered for variable credit, 1-3 credit hours, maximum of 10 credit hours.

**Credit hours:** 1-3

**Contact hours:** Contact: 1-3 Other: 1-3

**Levels:** Undergraduate

**Schedule types:** Independent Study

**Department/School:** Philosophy

**PHIL 4993 Senior Honors Thesis**

**Prerequisites:** Departmental invitation, senior standing, Honors Program participation.

**Description:** A guided reading and research program ending with an honors thesis under the direction of a faculty member, with second faculty reader and oral examination. Required for graduation with departmental honors in philosophy.

**Credit hours:** 3

**Contact hours:** Contact: 3 Other: 3

**Levels:** Undergraduate

**Schedule types:** Independent Study

**Department/School:** Philosophy

**PHIL 5000 Master's Thesis in Philosophy**

**Description:** Supervised individual work on a thesis for a master's degree. Offered for variable credit, 1-6 credit hours, maximum of 6 credit hours.

**Credit hours:** 1-6

**Contact hours:** Contact: 1-6 Other: 1-6

**Levels:** Graduate

**Schedule types:** Independent Study

**Department/School:** Philosophy



**PHIL 5003 Symbolic Logic**

**Description:** Propositional logic and predicate logic with identity. Formal analysis of language. May not be used for degree credit with PHIL 3003.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Graduate

**Schedule types:** Lecture

**Department/School:** Philosophy

**PHIL 5013 Mathematical Logic and Computability**

**Prerequisites:** PHIL 3003 or MATH 3613 or consent of instructor.

**Description:** The basic metatheorems of first order logic: soundness, completeness, compactness, Löwenheim-Skolem theorem, undecidability of first order logic, Gödel's incompleteness theorem. Enumerability, diagonalization, formal systems, standard and nonstandard models, Gödel numberings, Turing machines, recursive functions, and evidence for Church's thesis. Same course as MATH 4003. May not be used for degree credit with PHIL 4003 or MATH 4003.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Graduate

**Schedule types:** Lecture

**Department/School:** Philosophy

**PHIL 5100 Report Research**

**Description:** Supervised individual work on a report for a master's degree. Offered for variable credit, 1-6 credit hours, maximum of 6 credit hours.

**Credit hours:** 1-6

**Contact hours:** Contact: 1-6 Other: 1-6

**Levels:** Graduate

**Schedule types:** Independent Study

**Department/School:** Philosophy

**PHIL 5210 Seminar on a Major Philosopher**

**Prerequisites:** Three courses in philosophy.

**Description:** The writings of a major philosopher and related material. Offered for fixed credit, 3 credit hours, maximum of 9 credit hours.

**Credit hours:** 3

**Contact hours:** Contact: 3 Other: 3

**Levels:** Graduate

**Schedule types:** Independent Study

**Department/School:** Philosophy

**PHIL 5303 Topics in Philosophy of Religion**

**Description:** An examination of central topics in the philosophy of religion, such as the existence of God, the problem of evil, divine attributes, miracles, revelation, faith and reason, religious pluralism and exclusivism, and morality.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Graduate

**Schedule types:** Lecture

**Department/School:** Philosophy

**PHIL 5310 Seminar on a Field of Philosophy**

**Description:** Three courses in philosophy. Selected topics in one field of philosophy. Offered for fixed credit, 3 credit hours, maximum of 9 credit hours.

**Credit hours:** 3

**Contact hours:** Contact: 3 Other: 3

**Levels:** Graduate

**Schedule types:** Independent Study

**Department/School:** Philosophy

**PHIL 5313 Topics in Social Political Thought**

**Description:** Consideration of a single topic (e.g. justice), topics (e.g. distributive justice and citizenship) of a single philosophical school, or movement (e.g. Marxism) or several movements and schools (e.g. Marxism and liberalism).

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Graduate

**Schedule types:** Lecture

**Department/School:** Philosophy

**PHIL 5323 Seminar In Ancient Philosophy**

**Prerequisites:** PHIL 3113.

**Description:** Philosophical problems that characterize ancient Philosophy: form and matter, one and many, universal and particular, actuality and potentiality, stability and change, substance and accidents, first principles and elements. Close reading of Plato and Aristotle.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Graduate

**Schedule types:** Lecture

**Department/School:** Philosophy

**PHIL 5333 Seminar In Modern Philosophy**

**Prerequisites:** PHIL 3213 or PHIL 3313.

**Description:** Examination of the metaphysical and epistemological systems of philosophers over 17th-19th century Europe such as Descartes, Spinoza, Locke, Leibniz, Berkeley, Hume, Kant and Hegel.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Graduate

**Schedule types:** Lecture

**Department/School:** Philosophy

**PHIL 5343 Seminar in East and West Comparative Philosophy**

**Prerequisites:** PHIL 3943.

**Description:** Critical comparison between West European and East Asian traditions of philosophy, such as being and non-being, the nature of truth, self, human being, ethics, human rights, community, and religion.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Graduate

**Schedule types:** Lecture

**Department/School:** Philosophy

**PHIL 5353 Seminar in Contemporary Continental Philosophy**

**Prerequisites:** PHIL 3213 or PHIL 3313.

**Description:** Themes such as presence and absence, intentionality and constitution, meaning and "being," identity and difference, history and consciousness, practice and power, construction and deconstruction. Philosophers such as Merleau, Husserl, Heidegger, Sartre, Derrida, and Foucault.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Graduate

**Schedule types:** Lecture

**Department/School:** Philosophy

**PHIL 5363 Topics In Metaphysics****Prerequisites:** PHIL 3113 or PHIL 3213 or PHIL 4983.**Description:** Selected topics that may be approached from an historical or contemporary standpoint, such as idealism, realism, causation, time, universals, personal identity, possibility and free will.**Credit hours:** 3**Contact hours:** Lecture: 3 Contact: 3**Levels:** Graduate**Schedule types:** Lecture**Department/School:** Philosophy**PHIL 5373 Contemporary Epistemology****Prerequisites:** PHIL 3213 or PHIL 3113 or PHIL 4983.**Description:** Recent approaches to the theory of knowledge. Origin and justification of belief and certainty, roles of the senses and the mind, and the nature of truth.**Credit hours:** 3**Contact hours:** Lecture: 3 Contact: 3**Levels:** Graduate**Schedule types:** Lecture**Department/School:** Philosophy**PHIL 5383 Seminar In American Philosophy****Description:** Selected philosophical schools or traditions influential in American thought, such as transcendentalism, pragmatism, or naturalism.**Credit hours:** 3**Contact hours:** Lecture: 3 Contact: 3**Levels:** Graduate**Schedule types:** Lecture**Department/School:** Philosophy**PHIL 5393 German Idealism****Prerequisites:** PHIL 3113 or 3213.**Description:** Selected major works of post-Kantian German Philosophy, such as the nature of a philosophical system, identity, and self-consciousness.**Credit hours:** 3**Contact hours:** Lecture: 3 Contact: 3**Levels:** Graduate**Schedule types:** Lecture**Department/School:** Philosophy**PHIL 5423 Topics In Ethical Theory****Prerequisites:** PHIL 3413.**Description:** Central problems in ethical theory, such as ethical realism/anti-realism, motivational internalism/externalism, and problems within specific normative systems. Written Description.**Credit hours:** 3**Contact hours:** Lecture: 3 Contact: 3**Levels:** Graduate**Schedule types:** Lecture**Department/School:** Philosophy**PHIL 5433 Topics In Philosophy Of Law****Prerequisites:** PHIL 3843.**Description:** In-depth examination of selected topics in philosophy of law, such as punishment, jurisprudence, and principles of legislation. Seminar format.**Credit hours:** 3**Contact hours:** Lecture: 3 Contact: 3**Levels:** Graduate**Schedule types:** Lecture**Department/School:** Philosophy**PHIL 5443 Topics In Biomedical Ethics****Prerequisites:** PHIL 3833.**Description:** In-depth examination of selected topics in biomedical ethics, such as implications of the Human Genome Project, ethics of human reproduction, and research ethics. Emphasis on contemporary philosophical thought. Seminar format.**Credit hours:** 3**Contact hours:** Lecture: 3 Contact: 3**Levels:** Graduate**Schedule types:** Lecture**Department/School:** Philosophy**PHIL 5453 Topics in Professional Ethics****Description:** In-depth study of ethical issues faced by business and engineering professionals (e.g., social effects of advertising, environmental impact of professional practice, product safety and consumer protection, whistleblowing and confidentiality).**Credit hours:** 3**Contact hours:** Lecture: 3 Contact: 3**Levels:** Graduate**Schedule types:** Lecture**Department/School:** Philosophy**PHIL 5510 Research Topics in Philosophy****Prerequisites:** Consent of graduate adviser or department head.**Description:** Individual research on topics related to the student's interests and/or thesis topic(s). Offered for variable credit, X=1-3 credit hours, maximum of 10 credit hours.**Credit hours:** 1-3**Contact hours:** Contact: 1-3 Other: 1-3**Levels:** Graduate**Schedule types:** Independent Study**Department/School:** Philosophy**PHIL 5543 Philosophy Of Language****Prerequisites:** PHIL 5003 or consent of instructor.**Description:** A survey of the development of the philosophy of language, including works of philosophers such as Frege, Wittgenstein, Russell, Strawson, Searle, Donnellan, Grice, and Kripke. May not be used for degree credit with PHIL 4543.**Credit hours:** 3**Contact hours:** Lecture: 3 Contact: 3**Levels:** Graduate**Schedule types:** Lecture**Department/School:** Philosophy**PHIL 5553 Contemporary Ethical Theory****Prerequisites:** PHIL 3413 or consent of instructor.**Description:** Debate in ethical theory since Moore. The naturalistic fallacy, intuitionism, and value realism. May not be used for degree credit with PHIL 4553.**Credit hours:** 3**Contact hours:** Lecture: 3 Contact: 3**Levels:** Graduate**Schedule types:** Lecture**Department/School:** Philosophy

**PHIL 5610 Philosophical Issues in Education**

**Description:** Contemporary issues in educational theory and practice. The relation of education to political thought, religion, public law and culture. Offered for variable credit, 1-3 credit hours, maximum of 3 credit hours.

**Credit hours:** 1-3

**Contact hours:** Contact: 1-3 Other: 1-3

**Levels:** Graduate

**Schedule types:** Independent Study

**Department/School:** Philosophy

**PHIL 5910 Research Problems in Philosophy**

**Prerequisites:** Consent of instructor and department head.

**Description:** Individual or group research on specific philosophical problems. Offered for variable credit, 1-3 credit hours, maximum of 10 credit hours.

**Credit hours:** 1-3

**Contact hours:** Contact: 1-3 Other: 1-3

**Levels:** Graduate

**Schedule types:** Independent Study

**Department/School:** Philosophy

**PHIL 5943 Indian Philosophy**

**Prerequisites:** PHIL 3943 or consent of instructor.

**Description:** Study of texts and themes in two main traditions of Indian Philosophy: Hinduism and Buddhism. How these schools present the fundamental nature and knowledge of reality, human existence, the divine, and enlightenment. May not be used for degree credit with PHIL 4943.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Graduate

**Schedule types:** Lecture

**Department/School:** Philosophy

**PHIL 5953 East Asian Philosophy**

**Prerequisites:** PHIL 3943 or consent of instructor.

**Description:** Study of texts and themes in the Chinese and Japanese traditions: Confucianism, Daoism and Zen. How these schools present the fundamental nature and knowledge of reality, human existence, community and enlightenment. May not be used for degree credit with PHIL 4953.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Graduate

**Schedule types:** Lecture

**Department/School:** Philosophy

**PHIL 5983 Knowledge and Reality**

**Prerequisites:** 12 credit hours of philosophy.

**Description:** This course surveys topics in epistemology, a branch of philosophy that asks the following types of questions. What can we know? How do we come to know it? What value does knowing have for our lives? We will also survey questions in metaphysics, a branch of philosophy that explores the nature of reality. For example, are properties like redness just as real as things like tables and chairs? What is a person? What does contemporary science say about what the world is made up of? May not be used for degree credit with PHIL 4983.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Graduate

**Schedule types:** Lecture

**Department/School:** Philosophy

**REL 1103 Introduction to World Religions (HI)**

**Description:** Major world religions such as Hinduism, Buddhism, Judaism, Christianity and Islam with a view to understanding the general nature of religion and its various dimensions.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Dean of Arts & Science

**General Education and other Course Attributes:** Humanities, International Dimension

**REL 2013 The Old Testament and its Study (H)**

**Description:** A study of the Old Testament with emphasis upon content, historical background, the history of its study and the critical analysis and interpretation of selected passages. Previously offered as REL 3013.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Dean of Arts & Science

**General Education and other Course Attributes:** Humanities

**REL 2023 The New Testament and Its Study (H)**

**Description:** A study of the writings of the New Testament in their historical contexts and the methods used in their study. Emphasis interpreting selected New Testament passages. Previously offered as REL 3023.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Dean of Arts & Science

**General Education and other Course Attributes:** Humanities

**REL 2113 Religion in Film (H)**

**Description:** This course will examine how religious beliefs, practices, experiences and communities have been portrayed in film. Students will explore how film has used allegory, symbolism and other tropes to represent different religious traditions and their systems of beliefs.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Philosophy

**General Education and other Course Attributes:** Humanities

**REL 2413 Religion and the Body: Sports, Medicine and Sexuality (H)**

**Description:** This course will explore the role of religious beliefs and practices as they relate to sports, medicine and sexuality. Topics will include the cultural influence of religion on sports, religiously-informed debates within the field of medicine, and conceptions of sexuality and gender from the perspective of various Eastern and Western religious traditions. More generally, this course will explore how different world religions view the human body.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Dean of Arts & Science

**General Education and other Course Attributes:** Humanities

**REL 3113 Asian Religions (HI)**

**Description:** This course will examine the diverse histories, beliefs, and practices of major Asian religious traditions: Hinduism, Buddhism, Confucianism, Daoism, Shintoism, Shamanism, and modern-day religions.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Philosophy

**General Education and other Course Attributes:** Humanities, International Dimension

**REL 3213 Judaism: History, Culture and Beliefs (H)**

**Description:** This course will explore the development of Judaism beginning with its roots in Ancient Israelite religion, the early biblical tradition, and moving through Assyrian and Babylonian conquests, Diaspora, Hellenistic occupation, Roman occupation, Byzantium, the Middle Ages, the Holocaust, the establishment of the state of Israel, up to present day.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Philosophy

**General Education and other Course Attributes:** Humanities

**REL 3223 Jesus: Teachings, History and Interpretation (H)**

**Prerequisites:** REL 2023.

**Description:** This course will examine the teaching of Jesus, the historical context of the first century, and how Jesus' life and teachings have been interpreted through history.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Philosophy

**General Education and other Course Attributes:** Humanities

**REL 3243 Paul and the Early Church (H)**

**Prerequisites:** REL 2023.

**Description:** The letters of Paul in their historical context with special emphasis on his theology and ethics.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Dean of Arts & Science

**General Education and other Course Attributes:** Humanities

**REL 3313 Islam: History, Culture and Beliefs (HI)**

**Description:** This course will examine the history, culture and beliefs of Islam, from its seventh century origins to modern times.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Philosophy

**General Education and other Course Attributes:** Humanities, International Dimension

**REL 3423 Classic Christian Writings (H)**

**Description:** A study of the primary source material from representative Christian authors scattered throughout two thousand years of church history, focusing on understanding the backgrounds from which the writings emerged, and grasping the writers' key ideas. Course previously offered as REL 4413.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Philosophy

**General Education and other Course Attributes:** Humanities

**REL 3513 Religious Experience (H)**

**Description:** This course will explore the nature of religious experience and what role it plays within different traditions. Modes of religious experience to be explored range from meditation and prayer to conversion experiences and mystical states of consciousness.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Philosophy

**General Education and other Course Attributes:** Humanities

**REL 3543 Religion, Race and Social Justice (DH)**

**Description:** This course examines the role of religion in the history and understanding of race, as well as how religion has been leveraged in relation to challenges of social justice.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Dean of Arts & Science

**General Education and other Course Attributes:** Diversity, Humanities

**REL 3573 The Religions of Native Americans (DH)**

**Prerequisites:** REL 1103.

**Description:** Selected tribal worldviews, belief systems and religious ceremonies as depicted in oral traditions, songs, and literature. Emphasis on Northern and Southern Plains Indians.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Philosophy

**General Education and other Course Attributes:** Diversity, Humanities

**REL 3623 Magic, Witchcraft, and the Occult (H)**

**Description:** This course will examine the historical and cultural contexts that have shaped various portrayals of magic and witchcraft. We will consider how the supernatural worldviews underlying these portrayals related to both more traditional religious worldviews as well as the ways in which representations of the supernatural serve as vehicles for a culture's hopes and fears.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Dean of Arts & Science

**General Education and other Course Attributes:** Humanities

**REL 3713 Religion, Culture and Society**

**Prerequisites:** REL 1103, ANTH 2353, SOC 1113.

**Description:** An introduction to the scientific study of religion. Religious activity in both tribal and technological societies studied in the light of contemporary interpretations of culture and of social behavior. Same course as SOC 3713.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Philosophy

**REL 4033 American Christianity through the Colonial Period (H)**

**Description:** A study of the planting, development and spread of Christianity in America, beginning with the European roots and continuing through the colonial period up to c.1800.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Dean of Arts & Science

**General Education and other Course Attributes:** Humanities

**REL 4050 Studies in Religion**

**Description:** Independent studies, seminars and courses on selected topics in religion. Offered for variable credit, 1-6 credit hours, maximum of 9 credit hours.

**Credit hours:** 1-6

**Contact hours:** Contact: 1-6 Other: 1-6

**Levels:** Undergraduate

**Schedule types:** Independent Study

**Department/School:** Dean of Arts & Science

**REL 4113 The World of Islam: Cultural Perspectives (HI)**

**Description:** The cultural heritage of the world of Islam explored through its expression in the art, architecture, and literature of the Muslim peoples.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Dean of Arts & Science

**General Education and other Course Attributes:** Humanities, International Dimension

**REL 4213 Understanding Global Islam (HI)**

**Description:** A study of the history of Islam starting from Prophet Muhammad to the spread of the Islamic Empire. How Islam moved from Arabia to the world. Introduction to the Islamic divisions, where they are now, why they are similar and different in terms of laws, schools, countries, literature, sciences, Arabic script, the Shia, the Sunna, and different Islamic countries' practices. Also, debatable issues on Muslim women in American and other countries and why those are different from others.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Dean of Arts & Science

**General Education and other Course Attributes:** Humanities, International Dimension

**REL 4223 Religion and Conflict in the Middle East (HI)**

**Description:** This course will explore the religions of the Middle East, focusing on how they have shaped the region's recent history.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Dean of Arts & Science

**General Education and other Course Attributes:** Humanities, International Dimension

**REL 4330 Seminar in Biblical Studies**

**Prerequisites:** Two courses in Biblical studies.

**Description:** Selected topics in the academic study of the Bible. Offered for fixed credit, 3 credit hours, maximum of 9 credit hours.

**Credit hours:** 3

**Contact hours:** Contact: 3 Other: 3

**Levels:** Undergraduate

**Schedule types:** Independent Study

**Department/School:** Philosophy

**REL 4423 Death and the Afterlife (H)**

**Description:** This course will explore and critically analyze the varying perspectives on death and the afterlife as seen across world religions.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Philosophy

**General Education and other Course Attributes:** Humanities

**REL 4613 Women in the Bible (H)**

**Description:** This course will examine the stories about and portrayals of women in the Bible. We will explore what the biblical authors have to say about women within their cultural contexts and how these portrayals have shaped how women are seen in Western society. By analyzing the portrayals of women in antiquity, the course will also provide conceptual tools to help students examine how gender has been understood in Western society. Same course as GWST 4613.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Dean of Arts & Science

**General Education and other Course Attributes:** Humanities

**REL 4753 Muslim-Christian Relations (H)**

**Description:** Exploration of commonalities and differences between Christianity and Islam, and the history of cooperation and conflict between Muslims and Christians, from Arabia in Muhammad's time to worldwide in the twenty-first century. Themes include mutual understanding and misunderstanding, conversion, rulers and subjects, discrimination, and dialogue. Same course as HIST 4753.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** History

**General Education and other Course Attributes:** Humanities



### REL 4923 Visions of Apocalypse: Portrayals of the End-Time in World Religions (H)

**Description:** This course will examine the various portrayals of the Apocalypse from many religious and folklore traditions around the world. This course will also explore various contemporary portrayals of the Apocalypse ranging from malevolent emergent artificial intelligence to the zombie virus.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Dean of Arts & Science

**General Education and other Course Attributes:** Humanities

## Undergraduate Programs

- Philosophy, BA (p. 1604)
- Philosophy: Ethics and Business Essentials, BA (p. 1607)
- Philosophy: Ethics and Public Policy, BA (p. 1610)
- Philosophy: Pre-Law, BA (p. 1612)
- Philosophy: Pre-Ministry, BA (p. 1615)

## Graduate Programs

The Department of Philosophy offers a Master of Arts degree in philosophy. Consult the "Master's Degree Programs" section of the "Graduate College" in the Catalog for general regulations and requirements relating to admission.

The Master of Arts degree in philosophy offers a broad-based curriculum designed to serve the interests of two kinds of students:

1. **Professional Emphasis:** for students who wish to pursue their study of philosophy as a supplement to preparation in a wide variety of professions including business, law, government, the health professions, the ministry, or counseling. Students interested in the professional emphasis have the opportunity to choose from a wide variety of courses that support their career plans (biomedical ethics, business ethics, philosophy of law, philosophy of religion, and cognate courses in other disciplines).
2. **PhD Emphasis:** for students who wish to pursue their study of philosophy as a preparation for PhD studies in philosophy at another institution. Students interested in the PhD emphasis have the opportunity to enhance their understanding of the history of philosophy, logic, and metaphysics and epistemology.

Students in both of these emphases are able to compete for teaching assistantships and may teach either Critical Thinking or Introductory Moral/Social Problems courses.

Prerequisites for admission to the program are 24 semester credit hours (at least 18 at the upper-division level) in philosophy including courses in the history of ancient philosophy (PHIL 3113 Ancient Greek Philosophy (H) or equivalent), the history of 17th and 18th century philosophy (PHIL 3213 17th and 18th Century Philosophy (H) or equivalents) and a course in logic (PHIL 3003 Symbolic Logic (A) or equivalent). Students without these prerequisites, but otherwise admissible, may be granted "qualified" or "provisional" status until the prerequisites are satisfied.

The Master of Arts degree in Philosophy may be earned through any of three options:

1. Thesis option (twenty-four credit hours of course work plus six credit hours of research in which a thesis is written);
2. Report option (thirty credit hours of course work plus two credit hours of research in which a report is written);
3. Creative Component option (thirty-two credit hours of coursework including a creative component).

Students will prepare a plan of study under the guidance of their graduate advisor. Each student is supervised by a three-person advisory committee appointed for, and in consultation with, the student.

A student may also, in accordance with the policies of the Graduate College, select a graduate minor in connection with the master's degree in philosophy, thus permitting a concentration of work in broad areas such as social thought or cognitive science.

Students pursuing a master's or doctor's degree in another field may elect philosophy as a graduate minor. Selected courses and seminars in philosophy can broaden and complement work in such areas as economics, education, engineering, English, history, psychology and sociology.

## Minors

- Ethics (ETHC), Minor (p. 1602)
- Philosophy (PHIL), Minor (p. 1603)

## Faculty

Scott D. Gelfand, PhD—Associate Professor and Head

**Professors:** Lawrence R. Pasternack, PhD; Eric H. Reitan, PhD

**Associate Professors:** Marty H. Heitz, PhD; Apple Z. Igrak, PhD; Doren A. Recker, PhD; Shannon L. Spaulding, PhD

**Assistant Professors:** Richard Neels, PhD; Heather Stewart, PhD



## Ethics (ETHC), Minor

**Requirements for Students Matriculating in or before Academic Year 2022-2023.** Learn more about University Academic Regulation 3.1 (p. 943).

**Contact:** Sarah Mutschelknaus, 101B SSH, 405-744-8197

**Minimum GPA:** 2.50

**Total Hours:** 15

Code	Title	Hours
PHIL 1113 or PHIL 1213	Introduction To Philosophy (H) Philosophies of Life (H)	3
PHIL 3413	Ethical Theory (H)	3
Select 9 credit hours from the following:		9
PHIL 1213 or PHIL 1113	Philosophies of Life (H) Introduction To Philosophy (H)	
PHIL 2003	Local Issues and Ethical Controversies (H)	
PHIL 2513	Philosophy and Culture (H)	
PHIL 2573	Drugs, Philosophy and Society (H)	
PHIL 3433	Happiness and Well-being (H)	
PHIL 3513	Social Philosophy (H)	
PHIL 3553	Philosophy of Dreams (H)	
PHIL 3613	Philosophy of Religion (H)	
PHIL 3623	Philosophy of Race (DH)	
PHIL 3633	MLK, Malcolm X, & Philosophy of Race (DH)	
PHIL 3703	Animal Ethics (H)	
PHIL 3733	Environmental Ethics (H)	
PHIL 3773	Social Media Today (H)	
PHIL 3783	Artificial Intelligence and Philosophy (H)	
PHIL 3803	Business Ethics (H)	
PHIL 3833	Biomedical Ethics (H)	
PHIL 3913	Existentialism (H)	
PHIL 3943	Asian Philosophy (HI)	
PHIL 4013	Perspectives on Death and Dying (H)	
PHIL 4553	Contemporary Ethical Theory	
PHIL 4723	Philosophy of Psychology (H)	
PHIL 4890	Internship in Philosophy (with Consent of Advisor)	
<b>Total Hours</b>		<b>15</b>

example, a student who earns a BA in Art with an Art History option may earn a minor in Studio Art but not Art History).

- A student generally follows the minor requirements associated with his or her matriculation year or newer requirements that have been established since matriculation. The time limit for following requirements from a given academic year is six years.

For additional information on requirements on minors, click here (<https://adminfinance.okstate.edu/site-files/documents/policies/requirements-for-undergraduate-and-graduate-minors.pdf>).

## Additional OSU Requirements

### Undergraduate Minors

- An undergraduate minor must include between fifteen and thirty hours, inclusive of undergraduate coursework.
- A minimum of six credit hours for the minor must be earned in residence at OSU.
- The courses required for a minor may be included in the course requirements for any undergraduate degree or they may be in addition to degree requirements, depending on the overlap between the minor and degree requirements. However, an undergraduate minor must be earned in an academic field other than the student's declared degree option. The minor may not duplicate the degree major or option (for

## Philosophy (PHIL), Minor

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**Requirements for Students Matriculating in or before Academic Year 2022-2023.** Learn more about University Academic Regulation 3.1 (p. 943).

**Contact:** Sarah Mutschelknaus, 101B MUR, 405-744-8197

**Minimum Grade Point Average in Minor Coursework:** 2.50

**Total Hours:** 18 hours of PHIL

### Other Requirements

- 12 hours must be upper-division.

### Additional OSU Requirements

#### Undergraduate Minors

- An undergraduate minor must include between fifteen and thirty hours, inclusive of undergraduate coursework.
- A minimum of six credit hours for the minor must be earned in residence at OSU.
- The courses required for a minor may be included in the course requirements for any undergraduate degree or they may be in addition to degree requirements, depending on the overlap between the minor and degree requirements. However, an undergraduate minor must be earned in an academic field other than the student's declared degree option. The minor may not duplicate the degree major or option (for example, a student who earns a BA in Art with an Art History option may earn a minor in Studio Art but not Art History).
- A student generally follows the minor requirements associated with his or her matriculation year or newer requirements that have been established since matriculation. The time limit for following requirements from a given academic year is six years.

For additional information on requirements on minors, click here (<https://adminfinance.okstate.edu/site-files/documents/policies/requirements-for-undergraduate-and-graduate-minors.pdf>).

# Philosophy, BA

## Degree Requirements

**Requirements for Students Matriculating in or before Academic Year 2022-2023.** Learn more about University Academic Regulation 3.1 (p. 943).

**Minimum Overall Grade Point Average: 2.00**

**Total Hours: 120**

Code	Title	Hours
<b>General Education Requirements</b>		
<i>English Composition</i>		
See Academic Regulation 3.5 (p. 944)		
ENGL 1113 or ENGL 1313	Composition I Critical Analysis and Writing I	3
Select one of the following:		3
ENGL 1213	Composition II	
ENGL 1413	Critical Analysis and Writing II	
ENGL 3323	Technical Writing	
<i>American History &amp; Government</i>		
HIST 1103 or HIST 1483 or HIST 1493	Survey of American History American History to 1865 (H) American History Since 1865 (DH)	3
POLS 1113	American Government	3
<i>Analytical &amp; Quantitative Thought (A)</i>		
MATH or STAT course designated (A)		3
PHIL 1313	Logic and Critical Thinking (A)	3
<i>Humanities (H)</i>		
Select one of the following:		3
PHIL 1113	Introduction To Philosophy (H)	
PHIL 1213	Philosophies of Life (H)	
PHIL 2013	Philosophical Classics (H)	
Courses designated (H)		3
<i>Natural Sciences (N)</i>		
Must include one Laboratory Science (L) course		
Courses designated (N) with one (L)		6
<i>Social &amp; Behavioral Sciences (S)</i>		
Course designated (S)		3
<i>Additional General Education</i>		
Courses designated (A), (H), (N), or (S)		7
<b>Hours Subtotal</b>		<b>40</b>
<b>Diversity (D) &amp; International Dimension (I)</b>		
May be completed in any part of the degree plan		
Select at least one Diversity (D) course		
Select at least one International Dimension (I) course		
<b>College/Departmental Requirements</b>		
<i>First Year Seminar</i>		
(Transfer students with 15 hours exempt)		1
<i>Arts &amp; Humanities</i>		
9 hours non-Philosophy		9
<i>Natural &amp; Mathematical Sciences</i>		
See note 2.b.		3

<i>Foreign Language</i>		
See note 3		9
<i>Non-Western Studies</i>		
At least one course		
See note 2.d.		
<i>Upper-Division General Education</i>		
Select 6 hours outside major department		
See note 2.c.		
<b>Hours Subtotal</b>		<b>22</b>
<b>Major Requirements</b>		
Minimum GPA 2.00. Minimum GPA in all Philosophy courses 2.50		
<i>Core</i>		
Select 6 hours of the following:		6
PHIL 3113	Ancient Greek Philosophy (H)	
PHIL 3213	17th and 18th Century Philosophy (H)	
PHIL 3313	19th and 20th Century Philosophy (H)	
Select one of the following:		37
<i>General:</i>		
PHIL 3003	Symbolic Logic (A)	
Select a minimum of 19 additional hours in PHIL courses: up to 6 hours in 2000-level PHIL courses and the remainder in upper-division PHIL courses <sup>1</sup>		
Select 15 hours upper-division courses <sup>1</sup>		
<i>Graduate Preparation:</i>		
PHIL 3003	Symbolic Logic (A)	
PHIL 3313	19th and 20th Century Philosophy (H)	
PHIL 3413	Ethical Theory (H)	
PHIL 3991	Contemporary Philosophy Research	
PHIL 4983	Knowledge and Reality	
Select 12 additional hours in PHIL: courses up to 6 hours in 2000-level PHIL courses and the remainder in upper-division PHIL courses		
Select 12 hours upper-division courses		
<i>Career/Pre-professional:</i>		
Select a minimum of 19 additional hours in PHIL courses up to 6 hours in 2000-level PHIL courses and the remainder in upper-division PHIL courses		
Select 18 additional upper-division hours <sup>1</sup>		
<b>Hours Subtotal</b>		<b>43</b>
<b>Electives</b>		
Select 15 hours <sup>1</sup>		15
May need to include 6 hours upper-division general education outside major department (see note 2.c.)		
<b>Hours Subtotal</b>		<b>15</b>
<b>Total Hours</b>		<b>120</b>

1

With approval from the advisor and department head, a maximum of 30 hours from an accredited doctoral law program may be substituted for these areas.

## Other Requirements

- See the College of Arts and Sciences Requirements.
- **Upper-Division Credit:** Total hours must include at least 40 hours in courses numbered 3000 or above.
- **Hours in One Department:** For B.A. and B.S. degrees, no more than 54 hours in one department may be applied to degree requirements.

## College of Arts and Sciences Requirements

### 1. General Education Requirements

No more than two courses (or eight hours) from the major department (<http://catalog.okstate.edu/college-arts-sciences-major-departments/>) may be used to meet General Education and College and Departmental Requirements. The General Education required English Composition, required U.S. History, required American Government, one required MATH or STAT course, and required foreign language for B.A. degrees do not count against the two-course maximum.

### 2. A&S College/Departmental Requirements

- Arts and Humanities are defined as any course carrying an (H) designation or courses from AMST, ART, DANC, ENGL (except ENGL 3323 Technical Writing) HIST, MUSI, PHIL (except PHIL 1313 Logic and Critical Thinking (A), PHIL 3003 Symbolic Logic (A) and PHIL 4003 Mathematical Logic and Computability), REL, TH, and foreign languages.
- Natural and Mathematical Sciences are defined as any course from the following prefixes: ASTR, BIOC, BIOL, CHEM, CS (except CS 4883 Social Issues in Computing), GEOL, MATH, MICR, PBIO, PHYS, and STAT; or courses from other departments that carry an (A) or (N) general education designation.
- The required six hours of upper-division General Education may not include courses from the student's major department. This requirement may be satisfied by courses also used to satisfy any part of a student's degree program (i.e., in General Education, College Departmental Requirements, Major Requirements or Electives).
- Non-Western Studies Requirement for B.A. and B.F.A.; One 3-hour course in Non-Western Studies (N.W.). This requirement may be satisfied by courses also used to satisfy any part of a student's degree program (i.e., in General Education, College Departmental Requirements, Major Requirements or Electives).
- The College of Arts & Sciences requires a minimum 2.0 GPA in all major requirements and a minimum 2.0 GPA in all major-prefix courses applied to the degree.

### 3. Foreign Language Proficiency

- The foreign language requirement for the B.A. may be satisfied by 9 hours college credit in the same language, which must include 3 hours at the 2000-level, or equivalent proficiency (e.g., passing an advanced standing examination; TOEFL exam; presenting a high school transcript which demonstrates the high school was primarily conducted in a language other than English; etc.). Computer Science courses may not be used to satisfy this requirement. Currently Arabic and Mvskoke are not offered at the 2000-level at OSU.
- The foreign language requirement for the B.S., B.M. and B.F.A. may be satisfied by presenting a high school transcript which demonstrates two years of study of a single foreign language (passing grades at second-year level of study). It may also

be satisfied by 6 hours college credit in the same language, which must include language courses 1713 and 1813, or equivalent proficiency (e.g., passing an advanced standing examination; TOEFL exam; presenting a high school transcript which demonstrates the high school was primarily conducted in a language other than English; etc.). Computer Science courses may not be used to satisfy this requirement.

- In addition to a. and b., students pursuing teacher certification must meet novice-high foreign language proficiency by presenting a high school transcript which demonstrates two years of study of a single foreign language with no grade below B. Or, students may complete 3 hours college credit in a single language with no grade below C (or pass an advanced standing examination, College Level Examination Program (CLEP) exam, or Oral Proficiency Interview developed by the American Council on the Teaching of Foreign Languages, equivalent to 3 hours of college credit.) Or, students may meet the requirement by transfer of documentation of meeting the foreign language competency from one of the teacher education programs in the State of Oklahoma approved by the Oklahoma State Regents for Higher Education.

### 4. Exclusions

- Courses used to satisfy the General Education English Composition, U.S. History, American Government, and Mathematics or Statistics requirements will not count toward the 54-hour maximum allowed from one department.
- Courses with ATHL or LEIS prefixes and leisure activity courses may not be used for degree credit.

## Additional State/OSU Requirements

- At least: 60 hours at a four-year institution; 30 hours completed at OSU; 15 of the final 30 or 50% of the upper-division hours in the major field completed at OSU.
- Limit of: one-half of major course requirements as transfer work; one-fourth of hours earned by correspondence; 8 transfer correspondence hours.
- Students will be held responsible for degree requirements in effect at the time of matriculation and any changes that are made, so long as these changes do not result in semester credit hours being added or do not delay graduation.
- Degrees that follow this plan must be completed by the end of Summer 2028.

## Example Plan of Study

### Finish in Four Plan of Study

The plan below is an **example** of how students can successfully complete degree requirements in four years. This suggested class schedule plan may be used as a guide and can be adjusted based on individual needs. Students are required to meet with an academic adviser prior to enrollment each semester to plan their class schedule, and students are ultimately responsible for completing all degree requirements.

Course	Title	Hours
<b>Freshman</b>		
<b>Fall</b>		
ENGL 1113 or ENGL 1313	Composition I or Critical Analysis and Writing I	3
PHIL 1113 or PHIL 2013 or PHIL 1213	Introduction To Philosophy (H) or Philosophical Classics (H) or Philosophies of Life (H)	3

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1713 First Semester Foreign Language	3
General Education courses	5
<b>Hours</b>	<b>14</b>
<b>Spring</b>	
ENGL 1213                      Composition II or ENGL 1413                      or Critical Analysis and Writing II	3
1813 Second Semester Foreign Language	3
General Education courses	10
<b>Hours</b>	<b>16</b>
<b>Sophomore</b>	
<b>Fall</b>	
PHIL 1313                      Logic and Critical Thinking (A)	3
PHIL 3113                      Ancient Greek Philosophy (H)	3
2000-level Foreign Language	3
General Education courses	6
<b>Hours</b>	<b>15</b>
<b>Spring</b>	
PHIL 3213                      17th and 18th Century Philosophy (H)	3
College and Elective courses	12
<b>Hours</b>	<b>15</b>
<b>Junior</b>	
<b>Fall</b>	
PHIL 3313                      19th and 20th Century Philosophy (H)	3
PHIL 3413                      Ethical Theory (H)	3
Major, College, and Elective courses	9
<b>Hours</b>	<b>15</b>
<b>Spring</b>	
PHIL 3991                      Contemporary Philosophy Research	1
Major, College, and Elective courses	14
<b>Hours</b>	<b>15</b>
<b>Senior</b>	
<b>Fall</b>	
PHIL 3003                      Symbolic Logic (A)	3
Major, College, and Elective courses	12
<b>Hours</b>	<b>15</b>
<b>Spring</b>	
Major, College, and Elective courses	15
<b>Hours</b>	<b>15</b>
<b>Total Hours</b>	<b>120</b>

# Philosophy: Ethics and Business Essentials, BA

## Degree Requirements

**Requirements for Students Matriculating in or before Academic Year 2022-2023.** Learn more about University Academic Regulation 3.1 (p. 943).

**Minimum Overall Grade Point Average: 2.00**

**Total Hours: 120**

Code	Title	Hours
<b>General Education Requirements</b>		
<i>English Composition</i>		
See Academic Regulation 3.5 (p. 944)		
ENGL 1113	Composition I	3
or ENGL 1313	Critical Analysis and Writing I	
Select one of the following:		3
ENGL 1213	Composition II	
ENGL 1413	Critical Analysis and Writing II	
ENGL 3323	Technical Writing	
<i>American History &amp; Government</i>		
HIST 1103	Survey of American History	3
or HIST 1483	American History to 1865 (H)	
or HIST 1493	American History Since 1865 (DH)	
POLS 1113	American Government	3
<i>Analytical &amp; Quantitative Thought (A)</i>		
MATH 1483	Mathematical Functions and Their Uses (A) (or higher, not MATH 1493)	3
PHIL 1313	Logic and Critical Thinking (A)	3
<i>Humanities (H)</i>		
PHIL 2013	Philosophical Classics (H)	3
or PHIL 1113	Introduction To Philosophy (H)	
or PHIL 1213	Philosophies of Life (H)	
3 hours designated (H)		3
<i>Natural Sciences (N)</i>		
Must include one Laboratory Science (L) course		
Courses designated (N)		6
<i>Social &amp; Behavioral Sciences (S)</i>		
MGMT 3013	Fundamentals of Management (S) <sup>1</sup>	3
<i>Additional General Education</i>		
Courses designated (A), (H), (N), or (S)		7
<b>Hours Subtotal</b>		<b>40</b>
<b>Diversity (D) &amp; International Dimension (I)</b>		
May be completed in any part of the degree plan.		
At least one Diversity (D) course.		
At least one International Dimension (I) course.		
<b>College/Departmental Requirements</b>		
<i>First Year Seminar</i>		
(Transfer students with 15 hours exempt.)		1
<i>Arts &amp; Humanities</i>		
9 hours non-Philosophy		9
<i>Natural &amp; Mathematics Sciences</i>		

(See Note 2.b.)		3
<i>Foreign Language</i>		
(See note 3.)		9
<i>Non-Western Studies</i>		
At least one course. (See note 2.d.)		
<i>Upper-Division General Education</i>		
6 hours outside major department (See note 2.c.)		
<b>Hours Subtotal</b>		<b>22</b>
<b>Major Requirements</b>		
Minimum GPA 2.00. Minimum GPA in all Philosophy courses 2.50.		
<i>Core</i>		
6 hours from:		6
PHIL 3113	Ancient Greek Philosophy (H)	
PHIL 3213	17th and 18th Century Philosophy (H)	
PHIL 3313	19th and 20th Century Philosophy (H)	
PHIL 3003	Symbolic Logic (A)	3
PHIL 3413	Ethical Theory (H)	3
PHIL 3803	Business Ethics (H)	3
Select a minimum of 13 additional hours in PHIL courses up to 6 hours in 2000-level PHIL courses and the remainder in upper-division PHIL courses.		13
<i>Business Essentials</i>		
ACCT 2003	Survey of Accounting	3
MKTG 3213	Marketing (S)	3
3 hours from:		3
BADM 3113	Practical Business and Interpersonal Skills	
ECON 2003	Microeconomic Principles for Business	
EEE 2023	Introduction to Entrepreneurship	
LSB 3213	Legal and Regulatory Environment of Business	
MSIS 2103	Business Data Science Technologies	
9 hours upper-division related courses from the following:		9
AMST 3823	U.S. as Business Culture (DH)	
BCOM 3113	Written Communication	
ECON 3213	Game Theory and Experimental Economics	
ECON 3823	American Economy: The Past and Present (S)	
LSB 3213	Legal and Regulatory Environment of Business	
MGMT 3133	Developing Leadership Skills	
MGMT 4073	Management and Ethical Leadership	
MGMT 4513	Strategic Management	
MGMT 4533	Leadership Dynamics	
MKTG 3323	Consumer and Market Behavior	
MKTG 4443	Social Issues in the Marketing Environment	
SPCH 3723	Business and Professional Communication	
<b>Hours Subtotal</b>		<b>46</b>
<b>Electives</b>		
12 hours of electives		12
<b>Hours Subtotal</b>		<b>12</b>
<b>Total Hours</b>		<b>120</b>



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College and Departmental Requirements that may be used to meet General Education Requirements.

## Other Requirements

- See the College of Arts and Sciences Requirements.
- **Upper-Division Credit:** Total hours must include at least 40 hours in courses numbered 3000 or above.
- **Hours in One Department:** For B.A. and B.S. degrees, no more than 54 hours in one department may be applied to degree requirements.

## College of Arts and Sciences Requirements

### 1. General Education Requirements

No more than two courses (or eight hours) from the major department (<http://catalog.okstate.edu/college-arts-sciences-major-departments/>) may be used to meet General Education and College and Departmental Requirements. The General Education required English Composition, required U.S. History, required American Government, one required MATH or STAT course, and required foreign language for B.A. degrees do not count against the two-course maximum.

### 2. A&S College/Departmental Requirements

- a. Arts and Humanities are defined as any course carrying an (H) designation or courses from AMST, ART, DANC, ENGL (except ENGL 3323 Technical Writing) HIST, MUSI, PHIL (except PHIL 1313 Logic and Critical Thinking (A), PHIL 3003 Symbolic Logic (A) and PHIL 4003 Mathematical Logic and Computability), REL, TH, and foreign languages.
- b. Natural and Mathematical Sciences are defined as any course from the following prefixes: ASTR, BIOC, BIOL, CHEM, CS (except CS 4883 Social Issues in Computing), GEOL, MATH, MICR, PBIO, PHYS, and STAT; or courses from other departments that carry an (A) or (N) general education designation.
- c. The required six hours of upper-division General Education may not include courses from the student's major department. This requirement may be satisfied by courses also used to satisfy any part of a student's degree program (i.e., in General Education, College Departmental Requirements, Major Requirements or Electives).
- d. Non-Western Studies Requirement for B.A. and B.F.A.; One 3-hour course in Non-Western Studies (N.W.). This requirement may be satisfied by courses also used to satisfy any part of a student's degree program (i.e., in General Education, College Departmental Requirements, Major Requirements or Electives).
- e. The College of Arts & Sciences requires a minimum 2.0 GPA in all major requirements and a minimum 2.0 GPA in all major-prefix courses applied to the degree.

### 3. Foreign Language Proficiency

- a. The foreign language requirement for the B.A. may be satisfied by 9 hours college credit in the same language, which must include 3 hours at the 2000-level, or equivalent proficiency (e.g., passing an advanced standing examination; TOEFL exam; presenting a high school transcript which demonstrates the high school was primarily conducted in a language other than English; etc.). Computer Science courses may not be used to satisfy this requirement. Currently Arabic and Mvskoke are not offered at the 2000-level at OSU.

- b. The foreign language requirement for the B.S., B.M. and B.F.A. may be satisfied by presenting a high school transcript which demonstrates two years of study of a single foreign language (passing grades at second-year level of study). It may also be satisfied by 6 hours college credit in the same language, which must include language courses 1713 and 1813, or equivalent proficiency (e.g., passing an advanced standing examination; TOEFL exam; presenting a high school transcript which demonstrates the high school was primarily conducted in a language other than English; etc.). Computer Science courses may not be used to satisfy this requirement.
- c. In addition to a. and b., students pursuing teacher certification must meet novice-high foreign language proficiency by presenting a high school transcript which demonstrates two years of study of a single foreign language with no grade below B. Or, students may complete 3 hours college credit in a single language with no grade below C (or pass an advanced standing examination, College Level Examination Program (CLEP) exam, or Oral Proficiency Interview developed by the American Council on the Teaching of Foreign Languages, equivalent to 3 hours of college credit.) Or, students may meet the requirement by transfer of documentation of meeting the foreign language competency from one of the teacher education programs in the State of Oklahoma approved by the Oklahoma State Regents for Higher Education.

### 4. Exclusions

- a. Courses used to satisfy the General Education English Composition, U.S. History, American Government, and Mathematics or Statistics requirements will not count toward the 54-hour maximum allowed from one department.
- b. Courses with ATHL or LEIS prefixes and leisure activity courses may not be used for degree credit.

## Additional State/OSU Requirements

- At least: 60 hours at a four-year institution; 30 hours completed at OSU; 15 of the final 30 or 50% of the upper-division hours in the major field completed at OSU.
- Limit of: one-half of major course requirements as transfer work; one-fourth of hours earned by correspondence; 8 transfer correspondence hours.
- Students will be held responsible for degree requirements in effect at the time of matriculation and any changes that are made, so long as these changes do not result in semester credit hours being added or do not delay graduation.
- Degrees that follow this plan must be completed by the end of Summer 2028.

## Example Plan of Study

### Finish in Four Plan of Study

The plan below is an **example** of how students can successfully complete degree requirements in four years. This suggested class schedule plan may be used as a guide and can be adjusted based on individual needs. Students are required to meet with an academic advisor prior to enrollment each semester to plan their class schedule, and students are ultimately responsible for completing all degree requirements.

Course	Title	Hours
<b>Freshman</b>		
<b>Fall</b>		
ENGL 1113 or ENGL 1313	Composition I or Critical Analysis and Writing I	3
PHIL 1113 or PHIL 2013 or PHIL 1213	Introduction To Philosophy (H) or Philosophical Classics (H) or Philosophies of Life (H)	3
1713 First Semester Foreign Language		3
General Education courses		5
<b>Hours</b>		<b>14</b>
<b>Spring</b>		
ENGL 1213 or ENGL 1413	Composition II or Critical Analysis and Writing II	3
1813 Second Semester Foreign Language		3
General Education courses		10
<b>Hours</b>		<b>16</b>
<b>Sophomore</b>		
<b>Fall</b>		
PHIL 1313	Logic and Critical Thinking (A)	3
PHIL 3113	Ancient Greek Philosophy (H)	3
2000-level Foreign Language		3
General Education courses		6
<b>Hours</b>		<b>15</b>
<b>Spring</b>		
PHIL 3213	17th and 18th Century Philosophy (H)	3
College and Elective courses		12
<b>Hours</b>		<b>15</b>
<b>Junior</b>		
<b>Fall</b>		
PHIL 3313	19th and 20th Century Philosophy (H)	3
PHIL 3413	Ethical Theory (H)	3
Major, College, and Elective courses		9
<b>Hours</b>		<b>15</b>
<b>Spring</b>		
PHIL 3991	Contemporary Philosophy Research	1
Major, College, and Elective courses		14
<b>Hours</b>		<b>15</b>
<b>Senior</b>		
<b>Fall</b>		
PHIL 3003	Symbolic Logic (A)	3
Major, College, and Elective courses		12
<b>Hours</b>		<b>15</b>
<b>Spring</b>		
Major, College, and Elective courses		15
<b>Hours</b>		<b>15</b>
<b>Total Hours</b>		<b>120</b>

# Philosophy: Ethics and Public Policy, BA

## Degree Requirements

**Requirements for Students Matriculating in or before Academic Year 2022-2023.** Learn more about University Academic Regulation 3.1 (p. 943).

**Minimum Overall Grade Point Average: 2.00**

**Total Hours: 120**

Code	Title	Hours
<b>General Education Requirements</b>		
<i>English Composition</i>		
See Academic Regulation 3.5 (p. 944)		
ENGL 1113 or ENGL 1313	Composition I Critical Analysis and Writing I	3
ENGL 1213 or ENGL 1413 or ENGL 3323	Composition II Critical Analysis and Writing II Technical Writing	3
<i>American History &amp; Government</i>		
HIST 1103 or HIST 1483 or HIST 1493	Survey of American History American History to 1865 (H) American History Since 1865 (DH)	3
POLS 1113	American Government	3
<i>Analytical &amp; Quantitative Thought (A)</i>		
MATH 1483	Mathematical Functions and Their Uses (A) (or higher excluding MATH 1493) <sup>1</sup>	3
PHIL 1313	Logic and Critical Thinking (A)	3
<i>Humanities (H)</i>		
PHIL 2013 or PHIL 1113 or PHIL 1213	Philosophical Classics (H) Introduction To Philosophy (H) Philosophies of Life (H)	3
and 3 hours designated (H)		3
<i>Natural Sciences (N)</i>		
Must include one Laboratory Science (L) course		
Courses designated (N)		6
<i>Social &amp; Behavioral Sciences (S)</i>		
Courses designated (S)		3
<i>Additional General Education</i>		
Courses designated (A), (H), (N), or (S)		7
<b>Hours Subtotal</b>		<b>40</b>
<b>Diversity (D) &amp; International Dimension (I)</b>		
May be completed in any part of the degree plan.		
At least one Diversity (D) course.		
At least one International Dimension (I) course.		
<b>College/Departmental Requirements</b>		
<i>First Year Seminar</i>		
(Transfer students with 15 hours exempt.)		1
<i>Arts &amp; Humanities</i>		
9 hours non-Philosophy		9
<i>Natural &amp; Mathematics Sciences</i>		
(See Note 2.b.)		3

<i>Foreign Language</i>		
(See note 3.)		9
<i>Non-Western Studies</i>		
At least one course. (See note 2.d.)		
<i>Upper-Division General Education</i>		
6 hours outside major department (See note 2.c.)		
<b>Hours Subtotal</b>		<b>22</b>
<b>Major Requirements</b>		
Minimum GPA 2.00. Minimum GPA in all Philosophy courses 2.50.		
<i>Core:</i>		
6 hours from:		6
PHIL 3113	Ancient Greek Philosophy (H)	
PHIL 3213	17th and 18th Century Philosophy (H)	
PHIL 3313	19th and 20th Century Philosophy (H)	
PHIL 3413	Ethical Theory (H)	3
PHIL 3843	Philosophy of Law (H)	3
Select a minimum of 16 hours of additional hours of PHIL. Up to 6 hours may be 2000-level. 10 hours must be upper-division.		16
<i>Ethics and Public Policy:</i>		
Select 15 hours upper-division courses from:		15
POLS, GEOG, or GWST		
SPCH 3733	Elements of Persuasion (S)	
SOC 3423	Urban Sociology	
SOC 3523	Juvenile Delinquency (DS)	
SOC 3953	Applied Sociology	
SOC 4433	Environmental Sociology (S)	
SOC 4453	Environmental Inequality (S)	
SOC 4533	World Population Problems	
or others with consent of advisor.		
<b>Hours Subtotal</b>		<b>43</b>
<b>Electives</b>		
Select 15 hours.		15
<b>Hours Subtotal</b>		<b>15</b>
<b>Total Hours</b>		<b>120</b>

1

College and Departmental Requirements that may be used to meet General Education Requirements.

## Other Requirements

- See the College of Arts and Sciences Requirements.
- **Upper-Division Credit:** Total hours must include at least 40 hours in courses numbered 3000 or above.
- **Hours in One Department:** For B.A. and B.S. degrees, no more than 54 hours in one department may be applied to degree requirements.

## College of Arts and Sciences Requirements

### 1. General Education Requirements

No more than two courses (or eight hours) from the major department (<http://catalog.okstate.edu/college-arts-sciences-major-departments/>) may be used to meet General Education and College and Departmental Requirements. The General Education required English Composition, required U.S. History, required American

Government, one required MATH or STAT course, and required foreign language for B.A. degrees do not count against the two-course maximum.

## 2. A&S College/Departmental Requirements

- a. Arts and Humanities are defined as any course carrying an (H) designation or courses from AMST, ART, DANC, ENGL (except ENGL 3323 Technical Writing) HIST, MUSI, PHIL (except PHIL 1313 Logic and Critical Thinking (A), PHIL 3003 Symbolic Logic (A) and PHIL 4003 Mathematical Logic and Computability), REL, TH, and foreign languages.
- b. Natural and Mathematical Sciences are defined as any course from the following prefixes: ASTR, BIOC, BIOL, CHEM, CS (except CS 4883 Social Issues in Computing), GEOL, MATH, MICR, PBIO, PHYS, and STAT; or courses from other departments that carry an (A) or (N) general education designation.
- c. The required six hours of upper-division General Education may not include courses from the student's major department. This requirement may be satisfied by courses also used to satisfy any part of a student's degree program (i.e., in General Education, College Departmental Requirements, Major Requirements or Electives).
- d. Non-Western Studies Requirement for B.A. and B.F.A.; One 3-hour course in Non-Western Studies (N.W.). This requirement may be satisfied by courses also used to satisfy any part of a student's degree program (i.e., in General Education, College Departmental Requirements, Major Requirements or Electives).
- e. The College of Arts & Sciences requires a minimum 2.0 GPA in all major requirements and a minimum 2.0 GPA in all major-prefix courses applied to the degree.

## 3. Foreign Language Proficiency

- a. The foreign language requirement for the B.A. may be satisfied by 9 hours college credit in the same language, which must include 3 hours at the 2000-level, or equivalent proficiency (e.g., passing an advanced standing examination; TOEFL exam; presenting a high school transcript which demonstrates the high school was primarily conducted in a language other than English; etc.). Computer Science courses may not be used to satisfy this requirement. Currently Arabic and Mvskoke are not offered at the 2000-level at OSU.
- b. The foreign language requirement for the B.S., B.M. and B.F.A. may be satisfied by presenting a high school transcript which demonstrates two years of study of a single foreign language (passing grades at second-year level of study). It may also be satisfied by 6 hours college credit in the same language, which must include language courses 1713 and 1813, or equivalent proficiency (e.g., passing an advanced standing examination; TOEFL exam; presenting a high school transcript which demonstrates the high school was primarily conducted in a language other than English; etc.). Computer Science courses may not be used to satisfy this requirement.
- c. In addition to a. and b., students pursuing teacher certification must meet novice-high foreign language proficiency by presenting a high school transcript which demonstrates two years of study of a single foreign language with no grade below B. Or, students may complete 3 hours college credit in a single language with no grade below C (or pass an advanced standing examination, College Level Examination Program (CLEP) exam, or Oral Proficiency Interview developed by the American Council on the Teaching of Foreign Languages, equivalent to 3 hours of college credit.) Or, students may meet the requirement by transfer

of documentation of meeting the foreign language competency from one of the teacher education programs in the State of Oklahoma approved by the Oklahoma State Regents for Higher Education.

## 4. Exclusions

- a. Courses used to satisfy the General Education English Composition, U.S. History, American Government, and Mathematics or Statistics requirements will not count toward the 54-hour maximum allowed from one department.
- b. Courses with ATHL or LEIS prefixes and leisure activity courses may not be used for degree credit.

## Additional State/OSU Requirements

- At least: 60 hours at a four-year institution; 30 hours completed at OSU; 15 of the final 30 or 50% of the upper-division hours in the major field completed at OSU.
- Limit of: one-half of major course requirements as transfer work; one-fourth of hours earned by correspondence; 8 transfer correspondence hours.
- Students will be held responsible for degree requirements in effect at the time of matriculation and any changes that are made, so long as these changes do not result in semester credit hours being added or do not delay graduation.
- Degrees that follow this plan must be completed by the end of Summer 2028.

# Philosophy: Pre-Law, BA

## Degree Requirements

**Requirements for Students Matriculating in or before Academic Year 2022-2023.** Learn more about University Academic Regulation 3.1 (p. 943).

**Minimum Overall Grade Point Average: 2.00**

**Total Hours: 120**

Code	Title	Hours
<b>General Education Requirements</b>		
<i>English Composition</i>		
See Academic Regulation 3.5 (p. 944)		
ENGL 1113 or ENGL 1313	Composition I Critical Analysis and Writing I	3
Select one of the following:		3
ENGL 1213	Composition II	
ENGL 1413	Critical Analysis and Writing II	
ENGL 3323	Technical Writing	
<i>American History &amp; Government</i>		
HIST 1103 or HIST 1483 or HIST 1493	Survey of American History American History to 1865 (H) American History Since 1865 (DH)	3
POLS 1113	American Government	3
<i>Analytical &amp; Quantitative Thought (A)</i>		
MATH or STAT course designated (A)		3
PHIL 1313	Logic and Critical Thinking (A)	3
<i>Humanities (H)</i>		
Select one of the following:		3
PHIL 1113	Introduction To Philosophy (H)	
PHIL 1213	Philosophies of Life (H)	
PHIL 2013	Philosophical Classics (H)	
Courses designated (H)		3
<i>Natural Sciences (N)</i>		
Must include one Laboratory Science (L) course		
Courses designated (N) with one (L)		6
<i>Social &amp; Behavioral Sciences (S)</i>		
Courses designated (S)		3
<i>Additional General Education</i>		
Courses designated (A), (H), (N), or (S)		7
<b>Hours Subtotal</b>		<b>40</b>
<b>Diversity (D) &amp; International Dimension (I)</b>		
May be completed in any part of the degree plan		
Select at least one Diversity (D) course		
Select at least one International Dimension (I) course		
<b>College/Departmental Requirements</b>		
<i>First Year Seminar</i>		
(Transfer students with 15 hours exempt)		1
<i>Arts &amp; Humanities</i>		
9 hours non-Philosophy		9
<i>Natural &amp; Mathematical Sciences</i>		
See note 2.b.		3

### Foreign Language

See note 3 9

### Non-Western Studies

At least one course

See note 2.d.

### Upper-Division General Education

Select 6 hours outside major department

See note 2.c.

**Hours Subtotal 22**

### Major Requirements

Minimum GPA 2.00. Minimum GPA in all Philosophy courses 2.50

#### Core

Select 6 hours of the following: 6

PHIL 3113	Ancient Greek Philosophy (H)	
PHIL 3213	17th and 18th Century Philosophy (H)	
PHIL 3313	19th and 20th Century Philosophy (H)	

PHIL 3003 Symbolic Logic (A) 3

PHIL 3843 Philosophy of Law (H) 3

Select a minimum of 16 additional hours in PHIL: up to six hours in 2000-level PHIL courses and the remainder in upper-division PHIL courses. <sup>1</sup> 16

Select 15 hours upper-division related courses from the following: <sup>1</sup> 15

AGEC 3713	Agricultural Law	
AMIS 4013	American Indian Sovereignty (D)	
BCOM 3113	Written Communication	
ECON 3313	Money and Banking	
ECON 3423	Public Finance	
ENGL 3223	Professional Writing Theory	
ENGL 3323	Technical Writing	
FIN 3113	Finance	
LSB 3213	Legal and Regulatory Environment of Business	
MSIS 4123	Information Assurance Management	
POLS 3033	International Law	
POLS 3453	U.S. Congress	
POLS 3493	Public Policy	
POLS 3613	State and Local Government	
POLS 4353	Administrative Law	
POLS 4363	Environmental Law And Policy	
POLS 4963	U.S. Constitution: Civil Rights and Civil Liberties	
POLS 4973	U.S. Constitution: Separation of Powers	
SOC 4313	Sociology of Law	
SPCH 3733	Elements of Persuasion (S)	

**Hours Subtotal 43**

### Electives

Select 15 hours <sup>1</sup> 15

May need to include 6 hours upper-division general education outside major department (see note 2.c.) and 4 additional upper-division hours

<b>Hours Subtotal</b>	<b>15</b>
<b>Total Hours</b>	<b>120</b>

## Other Requirements

- See the College of Arts and Sciences Requirements.
- **Upper-Division Credit:** Total hours must include at least 40 hours in courses numbered 3000 or above.
- **Hours in One Department:** For B.A. and B.S. degrees, no more than 54 hours in one department may be applied to degree requirements.

## College of Arts and Sciences Requirements

### 1. General Education Requirements

No more than two courses (or eight hours) from the major department (<http://catalog.okstate.edu/college-arts-sciences-major-departments/>) may be used to meet General Education and College and Departmental Requirements. The General Education required English Composition, required U.S. History, required American Government, one required MATH or STAT course, and required foreign language for B.A. degrees do not count against the two-course maximum.

### 2. A&S College/Departmental Requirements

- Arts and Humanities are defined as any course carrying an (H) designation or courses from AMST, ART, DANC, ENGL (except ENGL 3323 Technical Writing) HIST, MUSI, PHIL (except PHIL 1313 Logic and Critical Thinking (A), PHIL 3003 Symbolic Logic (A) and PHIL 4003 Mathematical Logic and Computability), REL, TH, and foreign languages.
- Natural and Mathematical Sciences are defined as any course from the following prefixes: ASTR, BIOC, BIOL, CHEM, CS (except CS 4883 Social Issues in Computing), GEOL, MATH, MICR, PBIO, PHYS, and STAT; or courses from other departments that carry an (A) or (N) general education designation.
- The required six hours of upper-division General Education may not include courses from the student's major department. This requirement may be satisfied by courses also used to satisfy any part of a student's degree program (i.e., in General Education, College Departmental Requirements, Major Requirements or Electives).
- Non-Western Studies Requirement for B.A. and B.F.A.; One 3-hour course in Non-Western Studies (N.W.). This requirement may be satisfied by courses also used to satisfy any part of a student's degree program (i.e., in General Education, College Departmental Requirements, Major Requirements or Electives).
- The College of Arts & Sciences requires a minimum 2.0 GPA in all major requirements and a minimum 2.0 GPA in all major-prefix courses applied to the degree.

### 3. Foreign Language Proficiency

- The foreign language requirement for the B.A. may be satisfied by 9 hours college credit in the same language, which must include 3 hours at the 2000-level, or equivalent proficiency (e.g., passing an advanced standing examination; TOEFL exam; presenting a high school transcript which demonstrates the high school was primarily conducted in a language other than English; etc.). Computer Science courses may not be used to satisfy this requirement. Currently Arabic and Mvskoke are not offered at the 2000-level at OSU.

- The foreign language requirement for the B.S., B.M. and B.F.A. may be satisfied by presenting a high school transcript which demonstrates two years of study of a single foreign language (passing grades at second-year level of study). It may also be satisfied by 6 hours college credit in the same language, which must include language courses 1713 and 1813, or equivalent proficiency (e.g., passing an advanced standing examination; TOEFL exam; presenting a high school transcript which demonstrates the high school was primarily conducted in a language other than English; etc.). Computer Science courses may not be used to satisfy this requirement.
- In addition to a. and b., students pursuing teacher certification must meet novice-high foreign language proficiency by presenting a high school transcript which demonstrates two years of study of a single foreign language with no grade below B. Or, students may complete 3 hours college credit in a single language with no grade below C (or pass an advanced standing examination, College Level Examination Program (CLEP) exam, or Oral Proficiency Interview developed by the American Council on the Teaching of Foreign Languages, equivalent to 3 hours of college credit.) Or, students may meet the requirement by transfer of documentation of meeting the foreign language competency from one of the teacher education programs in the State of Oklahoma approved by the Oklahoma State Regents for Higher Education.

### 4. Exclusions

- Courses used to satisfy the General Education English Composition, U.S. History, American Government, and Mathematics or Statistics requirements will not count toward the 54-hour maximum allowed from one department.
- Courses with ATHL or LEIS prefixes and leisure activity courses may not be used for degree credit.

## Additional State/OSU Requirements

- At least: 60 hours at a four-year institution; 30 hours completed at OSU; 15 of the final 30 or 50% of the upper-division hours in the major field completed at OSU.
- Limit of: one-half of major course requirements as transfer work; one-fourth of hours earned by correspondence; 8 transfer correspondence hours.
- Students will be held responsible for degree requirements in effect at the time of matriculation and any changes that are made, so long as these changes do not result in semester credit hours being added or do not delay graduation.
- Degrees that follow this plan must be completed by the end of Summer 2028.

## Example Plan of Study

### Finish in Four Plan of Study

The plan below is an **example** of how students can successfully complete degree requirements in four years. This suggested class schedule plan may be used as a guide and can be adjusted based on individual needs. Students are required to meet with an academic advisor prior to enrollment each semester to plan their class schedule, and students are ultimately responsible for completing all degree requirements.



1614 Philosophy: Pre-Law, BA

Course	Title	Hours
<b>Freshman</b>		
<b>Fall</b>		
ENGL 1113 or ENGL 1313	Composition I or Critical Analysis and Writing I	3
PHIL 1113 or PHIL 2013 or PHIL 1213	Introduction To Philosophy (H) or Philosophical Classics (H) or Philosophies of Life (H)	3
1713 First Semester Foreign Language		3
General Education courses		5
<b>Hours</b>		<b>14</b>
<b>Spring</b>		
ENGL 1213 or ENGL 1413	Composition II or Critical Analysis and Writing II	3
1813 Second Semester Foreign Language		3
General Education courses		10
<b>Hours</b>		<b>16</b>
<b>Sophomore</b>		
<b>Fall</b>		
PHIL 1313	Logic and Critical Thinking (A)	3
PHIL 3113	Ancient Greek Philosophy (H)	3
2000-level Foreign Language		3
General Education courses		6
<b>Hours</b>		<b>15</b>
<b>Spring</b>		
PHIL 3213	17th and 18th Century Philosophy (H)	3
College and Elective courses		12
<b>Hours</b>		<b>15</b>
<b>Junior</b>		
<b>Fall</b>		
PHIL 3313	19th and 20th Century Philosophy (H)	3
PHIL 3413	Ethical Theory (H)	3
Major, College, and Elective courses		9
<b>Hours</b>		<b>15</b>
<b>Spring</b>		
PHIL 3991	Contemporary Philosophy Research	1
Major, College, and Elective courses		14
<b>Hours</b>		<b>15</b>
<b>Senior</b>		
<b>Fall</b>		
PHIL 3003	Symbolic Logic (A)	3
Major, College, and Elective courses		12
<b>Hours</b>		<b>15</b>
<b>Spring</b>		
Major, College, and Elective courses		15
<b>Hours</b>		<b>15</b>
<b>Total Hours</b>		<b>120</b>

# Philosophy: Pre-Ministry, BA

## Degree Requirements

**Requirements for Students Matriculating in or before Academic Year 2022-2023.** Learn more about University Academic Regulation 3.1 (p. 943).

**Minimum Overall Grade Point Average: 2.00**

**Total Hours: 120**

Code	Title	Hours
<b>General Education Requirements</b>		
<i>English Composition</i>		
See Academic Regulation 3.5 (p. 944)		
ENGL 1113 or ENGL 1313	Composition I Critical Analysis and Writing I	3
Select one of the following:		3
ENGL 1213	Composition II	
ENGL 1413	Critical Analysis and Writing II	
ENGL 3323	Technical Writing	
<i>American History &amp; Government</i>		
HIST 1103 or HIST 1483 or HIST 1493	Survey of American History American History to 1865 (H) American History Since 1865 (DH)	3
POLS 1113	American Government	3
<i>Analytical &amp; Quantitative Thought (A)</i>		
MATH or STAT course designated (A)		3
PHIL 1313	Logic and Critical Thinking (A)	3
<i>Humanities (H)</i>		
Select one of the following:		3
PHIL 1113	Introduction To Philosophy (H)	
PHIL 1213	Philosophies of Life (H)	
PHIL 2013	Philosophical Classics (H)	
Courses designated (H)		3
<i>Natural Sciences (N)</i>		
Must include one Laboratory Science (L) course		
Courses designated (N) with one (L)		6
<i>Social &amp; Behavioral Sciences (S)</i>		
PSYC 1113	Introductory Psychology (S)	3
<i>Additional General Education</i>		
Courses designated (A), (H), (N), or (S)		7
<b>Hours Subtotal</b>		<b>40</b>
<b>Diversity (D) &amp; International Dimension (I)</b>		
May be completed in any part of the degree plan		
Select at least one Diversity (D) course		
Select at least one International Dimension (I) course		
<b>College/Departmental Requirements</b>		
<i>First Year Seminar</i>		
(Transfer students with 15 hours exempt)		1
<i>Arts &amp; Humanities</i>		
REL 1103	Introduction to World Religions (HI)	3
REL 2013 or REL 2023	The Old Testament and its Study (H) The New Testament and Its Study (H)	3

Select 3 additional non-PHIL or REL hours	3	
See note 2.a.		
<i>Natural &amp; Mathematical Sciences</i>		
See note 2.b.	3	
<i>Foreign Language</i>		
See note 3	9	
<i>Non-Western Studies</i>		
At least one course		
See note 2.d.		
<i>Upper-Division General Education</i>		
Select 6 hours outside major department		
See note 2.c.		
<b>Hours Subtotal</b>	<b>22</b>	
<b>Major Requirements</b>		
Minimum GPA 2.00. Minimum GPA in all PHIL and REL courses 2.50		
<i>Core</i>		
Select 6 hours of the following:		
PHIL 3113	Ancient Greek Philosophy (H)	
PHIL 3213	17th and 18th Century Philosophy (H)	
PHIL 3313	19th and 20th Century Philosophy (H)	
PHIL 3003	Symbolic Logic (A)	3
PHIL 3413	Ethical Theory (H)	3
PHIL 3613	Philosophy of Religion (H)	3
Select a minimum of 13 additional hours in PHIL: up to six hours in 2000-level PHIL courses and the remainder in upper-division PHIL courses.		
CPSY 3003	Introduction to Counseling and Related Professions	3
Select 12 hours of upper-division REL courses, with at least 3 hours from Non-Western Religious Studies		
<b>Hours Subtotal</b>	<b>43</b>	
<b>Electives</b>		
Select 15 hours		
May need to include 6 hours upper-division general education outside major department (see note 2.c.)		
Suggested courses:		
CPSY 3013	Introduction to Helping Skills	
PSYC 3413	Social Cognition & Behavior; Mating, Morality, & other Mysteries	
or PSYC 3443	Abnormal Psychology (S)	
or PSYC 4163	Psychology of Prejudice and Discrimination (D)	
or PSYC 4213	Conflict Resolution (S)	
or PSYC 4283	Health Psychology	
<b>Hours Subtotal</b>	<b>15</b>	
<b>Total Hours</b>	<b>120</b>	

## Other Requirements

- See the College of Arts and Sciences Requirements.
- **Upper-Division Credit:** Total hours must include at least 40 hours in courses numbered 3000 or above.
- **Hours in One Department:** For B.A. and B.S. degrees, no more than 54 hours in one department may be applied to degree requirements.

## College of Arts and Sciences Requirements

### 1. General Education Requirements

No more than two courses (or eight hours) from the major department (<http://catalog.okstate.edu/college-arts-sciences-major-departments/>) may be used to meet General Education and College and Departmental Requirements. The General Education required English Composition, required U.S. History, required American Government, one required MATH or STAT course, and required foreign language for B.A. degrees do not count against the two-course maximum.

### 2. A&S College/Departmental Requirements

- Arts and Humanities are defined as any course carrying an (H) designation or courses from AMST, ART, DANC, ENGL (except ENGL 3323 Technical Writing) HIST, MUSI, PHIL (except PHIL 1313 Logic and Critical Thinking (A), PHIL 3003 Symbolic Logic (A) and PHIL 4003 Mathematical Logic and Computability), REL, TH, and foreign languages.
- Natural and Mathematical Sciences are defined as any course from the following prefixes: ASTR, BIOC, BIOL, CHEM, CS (except CS 4883 Social Issues in Computing), GEOL, MATH, MICR, PBIO, PHYS, and STAT; or courses from other departments that carry an (A) or (N) general education designation.
- The required six hours of upper-division General Education may not include courses from the student's major department. This requirement may be satisfied by courses also used to satisfy any part of a student's degree program (i.e., in General Education, College Departmental Requirements, Major Requirements or Electives).
- Non-Western Studies Requirement for B.A. and B.F.A.; One 3-hour course in Non-Western Studies (N.W.). This requirement may be satisfied by courses also used to satisfy any part of a student's degree program (i.e., in General Education, College Departmental Requirements, Major Requirements or Electives).
- The College of Arts & Sciences requires a minimum 2.0 GPA in all major requirements and a minimum 2.0 GPA in all major-prefix courses applied to the degree.

### 3. Foreign Language Proficiency

- The foreign language requirement for the B.A. may be satisfied by 9 hours college credit in the same language, which must include 3 hours at the 2000-level, or equivalent proficiency (e.g., passing an advanced standing examination; TOEFL exam; presenting a high school transcript which demonstrates the high school was primarily conducted in a language other than English; etc.). Computer Science courses may not be used to satisfy this requirement. Currently Arabic and Mvskoke are not offered at the 2000-level at OSU.
- The foreign language requirement for the B.S., B.M. and B.F.A. may be satisfied by presenting a high school transcript which demonstrates two years of study of a single foreign language (passing grades at second-year level of study). It may also be satisfied by 6 hours college credit in the same language, which must include language courses 1713 and 1813, or equivalent proficiency (e.g., passing an advanced standing examination; TOEFL exam; presenting a high school transcript which demonstrates the high school was primarily conducted in a language other than English; etc.). Computer Science courses may not be used to satisfy this requirement.

- In addition to a. and b., students pursuing teacher certification must meet novice-high foreign language proficiency by presenting a high school transcript which demonstrates two years of study of a single foreign language with no grade below B. Or, students may complete 3 hours college credit in a single language with no grade below C (or pass an advanced standing examination, College Level Examination Program (CLEP) exam, or Oral Proficiency Interview developed by the American Council on the Teaching of Foreign Languages, equivalent to 3 hours of college credit.) Or, students may meet the requirement by transfer of documentation of meeting the foreign language competency from one of the teacher education programs in the State of Oklahoma approved by the Oklahoma State Regents for Higher Education.

### 4. Exclusions

- Courses used to satisfy the General Education English Composition, U.S. History, American Government, and Mathematics or Statistics requirements will not count toward the 54-hour maximum allowed from one department.
- Courses with ATHL or LEIS prefixes and leisure activity courses may not be used for degree credit.

## Additional State/OSU Requirements

- At least: 60 hours at a four-year institution; 30 hours completed at OSU; 15 of the final 30 or 50% of the upper-division hours in the major field completed at OSU.
- Limit of: one-half of major course requirements as transfer work; one-fourth of hours earned by correspondence; 8 transfer correspondence hours.
- Students will be held responsible for degree requirements in effect at the time of matriculation and any changes that are made, so long as these changes do not result in semester credit hours being added or do not delay graduation.
- Degrees that follow this plan must be completed by the end of Summer 2028.

## Example Plan of Study

### Finish in Four Plan of Study

The plan below is an **example** of how students can successfully complete degree requirements in four years. This suggested class schedule plan may be used as a guide and can be adjusted based on individual needs. Students are required to meet with an academic advisor prior to enrollment each semester to plan their class schedule, and students are ultimately responsible for completing all degree requirements.

Course	Title	Hours
<b>Freshman</b>		
<b>Fall</b>		
ENGL 1113 or ENGL 1313	Composition I or Critical Analysis and Writing I	3
PHIL 1113 or PHIL 2013 or PHIL 1213	Introduction To Philosophy (H) or Philosophical Classics (H) or Philosophies of Life (H)	3
1713	First Semester Foreign Language	3
General Education courses		5
<b>Hours</b>		<b>14</b>
<b>Spring</b>		
ENGL 1213 or ENGL 1413	Composition II or Critical Analysis and Writing II	3
1813	Second Semester Foreign Language	3

General Education courses		10
<b>Hours</b>		<b>16</b>
<b>Sophomore</b>		
<b>Fall</b>		
PHIL 1313	Logic and Critical Thinking (A)	3
PHIL 3113	Ancient Greek Philosophy (H)	3
2000-level Foreign Language		3
General Education courses		6
<b>Hours</b>		<b>15</b>
<b>Spring</b>		
PHIL 3213	17th and 18th Century Philosophy (H)	3
College and Elective courses		12
<b>Hours</b>		<b>15</b>
<b>Junior</b>		
<b>Fall</b>		
PHIL 3313	19th and 20th Century Philosophy (H)	3
PHIL 3413	Ethical Theory (H)	3
Major, College, and Elective courses		9
<b>Hours</b>		<b>15</b>
<b>Spring</b>		
PHIL 3991	Contemporary Philosophy Research	1
Major, College, and Elective courses		14
<b>Hours</b>		<b>15</b>
<b>Senior</b>		
<b>Fall</b>		
PHIL 3003	Symbolic Logic (A)	3
Major, College, and Elective courses		12
<b>Hours</b>		<b>15</b>
<b>Spring</b>		
Major, College, and Elective courses		15
<b>Hours</b>		<b>15</b>
<b>Total Hours</b>		<b>120</b>

## Physics

Physics is the science of matter, energy and their interactions. Physics majors learn the fundamental laws governing the natural world, and in so doing develop critical skills of observation and quantitative analysis in both experimental and theoretical settings. Because those skills are increasingly valued in diverse fields in today's technological society, persons trained in physics are found not only in science, but also in fields where analytical skills are vital to success, such as finance, medicine, law and engineering.

The Department of Physics offers two bachelor's degree programs. First, the "BS in Physics" degree program is designed for students who seek a broad, comprehensive study of the set of traditional as well as contemporary topics which together comprise the subject of physics, and who ultimately may be interested in obtaining master's and/or doctoral degrees and becoming professional physicists or astronomers. In contrast, the "BS in Applied Physics" degree program has been developed for students who wish to combine studies in physics with studies in other areas such as biology, geology, business, computer science, engineering, mathematics, or pre-medicine, perhaps in preparation for graduate degrees in those areas. Interdisciplinary study is also possible through double majors with physics, a major in physics with a minor in another subject, or minors in physics. The detailed requirements for all degree programs of the Physics Department can be obtained from the department office or its website: <https://physics.okstate.edu/>.

During their first two years, physics majors learn the laws of mechanics (forces and motion) and electromagnetism which epitomize the work of Newton and Maxwell, among others. At the same time, students develop their mathematical skills through courses in calculus and differential equations.

During their last two years, physics majors delve into advanced topics including the quantum and relativistic physics of Schroedinger, Einstein and their colleagues. Courses in laboratory and computational methods further develop experimental abilities. Students are also encouraged to work in the department's research labs or astronomical observatory. Students pursuing the BS in physics take additional physics courses and do a senior project. Students seeking the BS in applied physics replace the additional physics courses with upper-division courses in their chosen areas.

Please contact Sheri Orr, our departmental advisor, to learn more!

## Courses

### PHYS 1001 Frontiers of Physics

**Prerequisites:** Freshmen and sophomore Physics Majors only or consent of instructor.

**Description:** Student and faculty discussions of current research topics in physics. Includes laboratory tours and research presentation by faculty. Graded on pass-fail basis.

**Credit hours:** 1

**Contact hours:** Lecture: 1 Contact: 1

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Physics

### PHYS 1014 Descriptive Physics (N)

**Description:** A survey course presenting the basic concepts and principles of physics with a minimum of mathematics. Motion, waves, temperature, electricity, magnetism, optics, atomic structure, and nuclear energy.

**Credit hours:** 4

**Contact hours:** Lecture: 4 Contact: 4

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Physics

**General Education and other Course Attributes:** Natural Sciences

### PHYS 1114 College Physics I (LN)

**Prerequisites:** MATH 1513 or higher with a "C" or better, or an acceptable placement score (see [placement.okstate.edu](http://placement.okstate.edu)).

**Description:** Algebra-based introductory course covering physics appropriate for applied and life sciences or pre-professional majors. Topics covered - Newtonian mechanics, fluids, thermodynamics, waves, and sound.

**Credit hours:** 4

**Contact hours:** Lecture: 2 Lab: 2 Contact: 5 Other: 1

**Levels:** Undergraduate

**Schedule types:** Discussion, Lab, Lecture, Combined lecture lab & disc

**Department/School:** Physics

**General Education and other Course Attributes:** Scientific Investigation, Natural Sciences

### PHYS 1214 College Physics II (LN)

**Prerequisites:** PHYS 1114 or PHYS 2014 with a "C" or better or acceptable AP credit.

**Description:** A continuation of College Physics I for students in the applied-sciences, life-sciences, and pre-professional majors. Covers electricity, magnetism, optics, quantum physics, atomic and nuclear structure.

**Credit hours:** 4

**Contact hours:** Lecture: 2 Lab: 2 Contact: 5 Other: 1

**Levels:** Undergraduate

**Schedule types:** Discussion, Lab, Lecture, Combined lecture lab & disc

**Department/School:** Physics

**General Education and other Course Attributes:** Scientific Investigation, Natural Sciences

### PHYS 2014 University Physics I (LN)

**Prerequisites:** A minimum grade of "C" in MATH 2103 or MATH 2123 or MATH 2144 or acceptable AP credit.

**Description:** Calculus-based introductory course covering mechanics, waves, heat, and thermodynamics for physical science, math, and engineering majors.

**Credit hours:** 4

**Contact hours:** Lecture: 2 Lab: 2 Contact: 5 Other: 1

**Levels:** Undergraduate

**Schedule types:** Discussion, Lab, Lecture, Combined lecture lab & disc

**Department/School:** Physics

**General Education and other Course Attributes:** Scientific Investigation, Natural Sciences

**PHYS 2020 Special Topics in Physics**

**Description:** Laboratory exercises for College Physics I, College Physics II, University Physics I or University Physics II. Offered for variable credit, 1-3 credit hours, maximum of 6 credit hours.

**Credit hours:** 1-3

**Contact hours:** Lab: 2-6 Contact: 2-6

**Levels:** Undergraduate

**Schedule types:** Lab

**Department/School:** Physics

**PHYS 2114 University Physics II (LN)**

**Prerequisites:** PHYS 2014 with a "C" or better or acceptable AP credit.

**Description:** A continuation of University Physics I covering electricity, magnetism, and optics for physical sciences, math, and engineering majors.

**Credit hours:** 4

**Contact hours:** Lecture: 2 Lab: 2 Contact: 5 Other: 1

**Levels:** Undergraduate

**Schedule types:** Discussion, Lab, Lecture, Combined lecture lab & disc

**Department/School:** Physics

**General Education and other Course Attributes:** Scientific Investigation, Natural Sciences

**PHYS 2203 University Physics III**

**Prerequisites:** PHYS 2114 with a grade of "C" or better or acceptable AP credit.

**Description:** A continuation of PHYS 2114 for all Physics majors. Topics include: heat, special relativity, and atomic and nuclear physics.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Physics

**PHYS 2663 Physics in Medicine (N)**

**Description:** Course will introduce important technologies widely used in modern medicine and the basic physics and physiology that underlies them. Examples include EKG machines, ultrasound imaging, laser surgery, x-ray, CT, PET, and MRI. Field trips required.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Physics

**General Education and other Course Attributes:** Natural Sciences

**PHYS 2890 Honors Experience in Physics**

**Prerequisites:** Honors Program participation and concurrent enrollment in designated course(s).

**Description:** A supplemental Honors experience in Physics to partner concurrently with designated lower division PHYS course(s). This course adds a different intellectual dimension to designated course(s). Offered for fixed credit, 1 credit hour, maximum of 6 credit hours.

**Credit hours:** 1

**Contact hours:** Lecture: 1 Contact: 1

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Physics

**General Education and other Course Attributes:** Honors Credit

**PHYS 3013 Mechanics I**

**Prerequisites:** PHYS 2114 or equivalent, and MATH 2233 or concurrent enrollment.

**Description:** Mechanics of particles, systems of particles and rigid bodies.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Physics

**PHYS 3113 Thermal Physics**

**Prerequisites:** PHYS 2203 and MATH 2163 or concurrent enrollment.

**Description:** Thermometry, heat transfer, elementary theory of specific heat and the three laws of thermodynamics.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Physics

**PHYS 3213 Optics**

**Prerequisites:** PHYS 2114 and PHYS 3513, or consent of the instructor.

**Description:** Geometrical optics; interference, diffraction, dispersion, absorption, and polarization of light.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Physics

**PHYS 3313 Introduction to Semiconductor Device Physics**

**Prerequisites:** PHYS 2114 or equivalent.

**Description:** An introduction to crystal structure, the quantum theory of solids, the physics of semiconductor materials and the pn junction, with an emphasis on applications to semiconductor devices. Same course as ECEN 3903.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Physics

**PHYS 3323 Modern Laboratory Methods I**

**Prerequisites:** PHYS 2014, PHYS 2114.

**Description:** Introduction to electric and electronic measurements and computer applications in experimental control, data collection and laboratory computation. Experiments on test instruments, integrated electronics, signal processing, computer interfacing, and data acquisition. Previously offered as PHYS 3322.

**Credit hours:** 3

**Contact hours:** Lab: 6 Contact: 6

**Levels:** Undergraduate

**Schedule types:** Lab

**Department/School:** Physics



**PHYS 3513 Mathematical Physics****Prerequisites:** PHYS 2114 and MATH 2163.**Description:** Physical applications of vectors, vector calculus and differential equations. Fourier analysis. Orbit geometry, coordinate systems and transformation of coordinates. Matrices and determinants.**Credit hours:** 3**Contact hours:** Lecture: 3 Contact: 3**Levels:** Undergraduate**Schedule types:** Lecture**Department/School:** Physics**PHYS 3553 Foundations of Cancer****Prerequisites:** Minimum grade of "C" in CHEM 1225 or CHEM 1414 or CHEM 1515.**Description:** Course covers six themes: causes of cancer, cancer genetics, cancer diagnosis, cancer treatment, immuno-oncology, and cancer prevention. Course will illustrate both setbacks and victories in applying the scientific method to biological processes and the evidence for and assumptions made in these approaches will be discussed. Designed for future: medical doctors, cancer researchers, medical engineers, and to cancer patients or relatives. Same course as MICR 3553. May not be used for degree credit with PHYS 5553 and MICR 5553.**Credit hours:** 3**Contact hours:** Lecture: 2 Contact: 3 Other: 1**Levels:** Undergraduate**Schedule types:** Discussion, Combined lecture & discussion, Lecture**Department/School:** Physics**PHYS 3623 Modern Laboratory Methods II****Prerequisites:** PHYS 2014, PHYS 2114.**Description:** Introduction to the operating principles and applications of modern physical methods used in research. Laboratory experiments with lasers, wave propagation, thermometry, radiation detection, optical interferometry, and spectroscopy.**Credit hours:** 3**Contact hours:** Lab: 6 Contact: 2**Levels:** Undergraduate**Schedule types:** Lab**Department/School:** Physics**PHYS 3713 Modern Physics****Prerequisites:** PHYS 2203 with a "C" or better.**Description:** This is the first course in the undergraduate quantum physics sequence. It covers the basic features of quantum mechanics as they relate to atomic systems, nuclear matter, photons, and electrons.**Credit hours:** 3**Contact hours:** Lecture: 3 Contact: 3**Levels:** Undergraduate**Schedule types:** Lecture**Department/School:** Physics**PHYS 4003 Computer Simulation Methods in Physics****Prerequisites:** PHYS 3013, PHYS 3113, PHYS 3313 or consent of instructor.**Description:** Introduction to computer simulation methods used in the physical sciences. Linear systems, nonlinear systems, molecular dynamics, Monte Carlo methods, cellular automata, simple quantum systems. Some knowledge of either C, FORTRAN, Pascal, or BASIC required. Previously offered as PHYS 3993.**Credit hours:** 3**Contact hours:** Lecture: 3 Contact: 3**Levels:** Undergraduate**Schedule types:** Lecture**Department/School:** Physics**PHYS 4010 Special Problems****Prerequisites:** Consent of instructor.**Description:** Individual laboratory work of an advanced nature. Offered for variable credit, 1-3 credit hours, maximum of 9 credit hours.**Credit hours:** 1-3**Contact hours:** Contact: 1-3 Other: 1-3**Levels:** Undergraduate**Schedule types:** Independent Study**Department/School:** Physics**PHYS 4113 Electricity and Magnetism****Prerequisites:** PHYS 2114 and MATH 2233, or their equivalents.**Description:** Electrostatic fields, magnetic fields of steady currents, induced EMFs, Maxwell's equations and introduction to electromagnetic wave theory. Vector analysis used.**Credit hours:** 3**Contact hours:** Lecture: 3 Contact: 3**Levels:** Undergraduate**Schedule types:** Lecture**Department/School:** Physics**PHYS 4213 Introduction to Nuclear and Particle Physics****Prerequisites:** PHYS 2114 and PHYS 3713 or consent of instructor.**Description:** Survey of phenomenological aspects of nuclear and particle physics, photon and charged particle interactions with matter, particle detectors, particle accelerators, electromagnetic, strong and weak interactions, models of the nucleus, quark model of mesons and baryons, elementary particles, and symmetries in the Standard Model.**Credit hours:** 3**Contact hours:** Lecture: 3 Contact: 3**Levels:** Undergraduate**Schedule types:** Lecture**Department/School:** Physics**PHYS 4223 Introduction to General Relativity****Prerequisites:** Minimum grade of "C" in both PHYS 2203 and PHYS 3513 or consent of instructor.**Description:** An introduction to Einstein's theory of relativity, including the metric description of spacetime, relativistic kinematics in flat spacetime, coordinate transformations, gravity as curved spacetime, and black holes.**Credit hours:** 3**Contact hours:** Lecture: 3 Contact: 3**Levels:** Undergraduate**Schedule types:** Lecture**Department/School:** Physics**PHYS 4263 Introduction to Solid State Physics****Prerequisites:** PHYS 3013, PHYS 3713 or consent of instructor.**Description:** Structure, specific heat, dielectric properties, lattice vibrations, free electron theory, band structure, and superconductivity of solids.**Credit hours:** 3**Contact hours:** Lecture: 3 Contact: 3**Levels:** Undergraduate**Schedule types:** Lecture**Department/School:** Physics

**PHYS 4313 Molecular Biophysics****Prerequisites:** PHYS 1214 or PHYS 2114.**Description:** Survey of experimental and computational methods for determining the structure and function of biomolecular assemblies such as proteins and membranes. Techniques to be discussed include: X-ray diffraction, nuclear and electron spin resonance, optical spectroscopy, photobiophysics, kinetic modeling, molecular dynamics, Monte Carlo and homology modeling.**Credit hours:** 3**Contact hours:** Lecture: 3 Contact: 3**Levels:** Undergraduate**Schedule types:** Lecture**Department/School:** Physics**PHYS 4413 Modern Physics II****Prerequisites:** PHYS 3013 and PHYS 3713.**Description:** Atomic and X-ray spectra; one-dimensional Schroedinger equation; nuclear structure; introduction to statistical mechanics and elementary quantum statistics.**Credit hours:** 3**Contact hours:** Lecture: 3 Contact: 3**Levels:** Undergraduate**Schedule types:** Lecture**Department/School:** Physics**PHYS 4423 Mechanics II****Prerequisites:** PHYS 3013.**Description:** Lagrangian and Hamiltonian dynamics, calculus of variations, constrained systems, coupled oscillators, continuous systems and waves.**Credit hours:** 3**Contact hours:** Lecture: 3 Contact: 3**Levels:** Undergraduate**Schedule types:** Lecture**Department/School:** Physics**PHYS 4513 Introductory Quantum Mechanics****Prerequisites:** PHYS 3713.**Description:** Uncertainty principle, setting up Schroedinger equation (time dependent as well as time independent) and solving it for linear oscillator, hydrogen atom, periodic, and other potentials.**Credit hours:** 3**Contact hours:** Lecture: 3 Contact: 3**Levels:** Undergraduate**Schedule types:** Lecture**Department/School:** Physics**PHYS 4663 Radioactivity and Nuclear Physics****Prerequisites:** PHYS 3713 or consent of instructor.**Description:** Natural and artificial radioactivity, decay laws; absorption, detection and measurement of radiations; nuclear transformations.**Credit hours:** 3**Contact hours:** Lecture: 3 Contact: 3**Levels:** Undergraduate**Schedule types:** Lecture**Department/School:** Physics**PHYS 4712 Senior Project****Description:** Advanced individual experimental projects. Project proposal, formal laboratory report, and oral presentation are required.**Credit hours:** 2**Contact hours:** Contact: 2 Other: 2**Levels:** Undergraduate**Schedule types:** Independent Study**Department/School:** Physics**PHYS 4813 Electromagnetic Radiation****Prerequisites:** PHYS 4113 with minimum grade of "C."**Description:** Electromagnetic wave theory, reflection and refraction of electromagnetic waves; resonant cavities, wave guides, fiber propagation of electromagnetic waves; radiation sources; relativistic description of electromagnetic fields.**Credit hours:** 3**Contact hours:** Lecture: 3 Contact: 3**Levels:** Undergraduate**Schedule types:** Lecture**Department/School:** Physics**PHYS 4993 Senior Honors Thesis****Prerequisites:** Departmental invitation, senior standing, Honors Program participation.**Description:** A guided reading and research program ending with an honors thesis under the direction of a faculty member, with second faculty reader and oral examination. Required for graduation with departmental honors in physics.**Credit hours:** 3**Contact hours:** Lecture: 3 Contact: 3**Levels:** Undergraduate**Schedule types:** Lecture**Department/School:** Physics**General Education and other Course Attributes:** Honors Credit**PHYS 5000 Master's Thesis Research or Report****Prerequisites:** Consent of major professor.**Description:** Thesis research or report for master's degree. Offered for variable credit, 1-9 credit hours, maximum of 9 credit hours.**Credit hours:** 1-9**Contact hours:** Contact: 1-9 Other: 1-9**Levels:** Graduate**Schedule types:** Independent Study**Department/School:** Physics**PHYS 5110 Seminar****Prerequisites:** Graduate standing in physics.**Description:** Special topics in physics. Offered for variable credit, 1-5 credit hours, maximum of 20 credit hours.**Credit hours:** 1-5**Contact hours:** Contact: 1-5 Other: 1-5**Levels:** Graduate**Schedule types:** Independent Study**Department/School:** Physics**PHYS 5113 Statistical Thermodynamics and Kinetic Theory****Prerequisites:** PHYS 3113.**Description:** Fundamental concepts of thermodynamics: first, second and third laws; thermodynamic potentials. Statistical physics: Maxwell-Boltzman, Fermi-Dirac, Bose-Einstein distribution functions. Kinetic theory: transport phenomena, Boltzman H Theorem, the approach to thermodynamic equilibrium.**Credit hours:** 3**Contact hours:** Lecture: 3 Contact: 3**Levels:** Graduate**Schedule types:** Lecture**Department/School:** Physics

**PHYS 5123 Geometrical Optics****Prerequisites:** PHYS 3213 or consent of instructor.**Description:** Foundations of geometrical optics, geometrical theory of optical imaging, geometrical theory of aberrations, image forming instruments. Same course as ECEN 5803.**Credit hours:** 3**Contact hours:** Lecture: 3 Contact: 3**Levels:** Graduate**Schedule types:** Lecture**Department/School:** Physics**PHYS 5133 Laser Spectroscopy****Prerequisites:** PHYS 5163.**Description:** Principles of different types of laser spectroscopy based on fluorescence, absorption, saturated absorption, absorption in a cavity: Infrared, Raman, light scattering, four wave mixing, CARS, phase conjugation, two photon absorption, double resonance, and multiphoton ionization.**Credit hours:** 3**Contact hours:** Lecture: 3 Contact: 3**Levels:** Graduate**Schedule types:** Lecture**Department/School:** Physics**PHYS 5163 Lasers****Prerequisites:** PHYS 4813 or equivalent.**Description:** Semi-classical description of absorption and emission of light by matter; effects of cavities and optical elements; theory of lasers' gas, liquid, solid state and semiconductor. Electro-optics. Techniques of mode-locking, Q-switching, phase conjugation, Fourier transform optics. An introduction to non-linear optics.**Credit hours:** 3**Contact hours:** Lecture: 3 Contact: 3**Levels:** Graduate**Schedule types:** Lecture**Department/School:** Physics**PHYS 5213 Statistical Mechanics****Prerequisites:** PHYS 5113 and PHYS 5613 or consent of instructor.**Description:** Classical and quantum mechanical distribution functions for independent particles; interacting classical and quantum systems, superfluidity, phase transitions and critical phenomena, approximation methods.**Credit hours:** 3**Contact hours:** Lecture: 3 Contact: 3**Levels:** Graduate**Schedule types:** Lecture**Department/School:** Physics**PHYS 5220 Physics Topics for Teachers****Prerequisites:** Teaching experience or consent of instructor.**Description:** Special topics for elementary and secondary science teachers to improve their subject matter competence. Content varies, depending on the needs of specific groups of teachers. Offered for variable credit, 1-6 credit hours, maximum of 6 credit hours.**Credit hours:** 1-6**Contact hours:** Contact: 1-6 Other: 1-6**Levels:** Graduate**Schedule types:** Independent Study**Department/School:** Physics**PHYS 5263 Particle Physics****Prerequisites:** PHYS 5613 or consent of instructor.**Description:** Phenomenology of elementary particles: quark model, electromagnetic, weak, and strong interactions of quarks, leptons, and gauge bosons, Feynman diagram techniques, parton model, gauge symmetries, spontaneous symmetry breaking, Standard model, experimental tests.**Credit hours:** 3**Contact hours:** Lecture: 3 Contact: 3**Levels:** Graduate**Schedule types:** Lecture**Department/School:** Physics**PHYS 5303 Physical Optics****Prerequisites:** PHYS 3213 or consent of instructor.**Description:** Multiple beam interference, diffractions, imaging, near field optical probes of matter, surface plasmons, light scattering from random media, optical coherence tomography - biomedical applications, negative materials, perfect lenses and super resolution. Same course as ECEN 5823.**Credit hours:** 3**Contact hours:** Lecture: 3 Contact: 3**Levels:** Graduate**Schedule types:** Lecture**Department/School:** Physics**PHYS 5313 Electromagnetic Theory****Prerequisites:** PHYS 5453.**Description:** Electric and magnetic fields in free space and in matter. Boundary value problems, Green's functions, stress tensors, multipole expansions, thermodynamics; electromagnetic waves.**Credit hours:** 3**Contact hours:** Lecture: 3 Contact: 3**Levels:** Graduate**Schedule types:** Lecture**Department/School:** Physics**PHYS 5350 Special Problems****Prerequisites:** Graduate standing in physics.**Description:** Special problems of experimental or theoretical nature. Largely individual work with written report required. Offered for variable credit, 1-3 credit hours, maximum of 12 credit hours.**Credit hours:** 1-3**Contact hours:** Contact: 1-3 Other: 1-3**Levels:** Graduate**Schedule types:** Independent Study**Department/School:** Physics**PHYS 5413 Classical Mechanics****Prerequisites:** PHYS 4423 or consent of instructor.**Description:** Generalized coordinates and advanced dynamics; coupled systems, wave motion; theory of elasticity.**Credit hours:** 3**Contact hours:** Lecture: 3 Contact: 3**Levels:** Graduate**Schedule types:** Lecture**Department/School:** Physics

**PHYS 5453 Mathematical Methods for Physicists****Prerequisites:** PHYS 3513.**Description:** Introduction to mathematical techniques used in analyzing problems in physics.**Credit hours:** 3**Contact hours:** Lecture: 3 Contact: 3**Levels:** Graduate**Schedule types:** Lecture**Department/School:** Physics**PHYS 5523 Radiation Detection and Measurement****Prerequisites:** PHYS 3713 and PHYS 4213.**Description:** Overview of radiation detection and measurement. Instrumentation, statistics of radiation measurements, review of atomic and nuclear physics, review of radiation interaction with matter, nuclear electronics, gas-filled and scintillation detectors, semiconductor detectors, radiation counting and spectroscopy.**Credit hours:** 3**Contact hours:** Lecture: 3 Contact: 3**Levels:** Graduate**Schedule types:** Lecture**Department/School:** Physics**PHYS 5533 Dosimetry and Radiation Protection****Prerequisites:** PHYS 4663 and PHYS 5523 or consent of instructor.**Description:** Radiation dosimetry quantities, effects of ionizing radiation on the human body, basic radiation protection concepts, x-ray and  $\gamma$ -ray interaction and attenuation with matter, charged particle and neutron interaction with matter, charged particle equilibria, Bragg-Gray Cavity theory, quantifying dose from radionuclide sources, survey of dosimetric instrumentation, dosimetry with ionization chambers, integrating dosimeters and personal dosimetry.**Credit hours:** 3**Contact hours:** Lecture: 3 Contact: 3**Levels:** Graduate**Schedule types:** Lecture**Department/School:** Physics**PHYS 5553 Foundations of Cancer****Prerequisites:** Minimum grade of "C" in (or equivalent) or MICR 3033 (or equivalent) or consent of instructor.**Description:** Course covers six themes: causes of cancer, cancer genetics, cancer diagnosis, cancer treatment, immuno-oncology, and cancer prevention. Course will illustrate both setbacks and victories in applying the scientific method to biological processes and the evidence for and assumptions made in these approaches will be discussed. Designed for future: medical doctors, cancer researchers, medical engineers, and to cancer patients or relatives. Same course as MICR 5553. May not be used for degree credit with PHYS 3553 or MICR 5553.**Credit hours:** 3**Contact hours:** Lecture: 2 Contact: 3 Other: 1**Levels:** Graduate**Schedule types:** Discussion, Combined lecture & discussion, Lecture**Department/School:** Physics**PHYS 5563 Radioactivity and Nuclear Physics Laboratory****Prerequisites:** PHYS 4663 and PHYS 5523 or consent of instructor.**Description:** The primary objective of this course is to provide students with hands-on experience in a range of experimental techniques and with a variety of instrumentation routinely used in radiation detection and dosimetry, nuclear and particle physics, and in radiotherapy and medical imaging. The course content can be thought of as being of two types: 1) general experimental methods in physics and 2) methods of radiation detection and measurement.**Credit hours:** 3**Contact hours:** Lecture: 1 Lab: 4 Contact: 5**Levels:** Graduate**Schedule types:** Lab, Lecture, Combined lecture and lab**Department/School:** Physics**PHYS 5573 Radiation Biophysics****Prerequisites:** PHYS 5533 or consent of instructor.**Description:** Introduction to radiation biophysics, structure of DNA and its relationship to carcinogenesis, stochastic nature of radiation interaction with matter, radiation chemistry, cell survival curves, radiation damage models, DNA damage response.**Credit hours:** 3**Contact hours:** Lecture: 3 Contact: 3**Levels:** Graduate**Schedule types:** Lecture**Department/School:** Physics**PHYS 5593 Physics of Radiation Therapy****Prerequisites:** PHYS 5533 or consent of instructor.**Description:** Overview of radiation therapy, dosimetry in radiation therapy, megavoltage x-ray and electron therapy, manual treatment planning, computer-based treatment planning, brachytherapy, proton therapy.**Credit hours:** 3**Contact hours:** Lecture: 3 Contact: 3**Levels:** Graduate**Schedule types:** Lecture**Department/School:** Physics**PHYS 5613 Quantum Mechanics I****Prerequisites:** PHYS 5453.**Description:** Postulates of quantum mechanics. Operators, commutation relations, eigenfunctions. Schrodinger, Heisenberg and interaction formalisms, angular momentum and central field problems; nondegenerate perturbation theory.**Credit hours:** 3**Contact hours:** Lecture: 3 Contact: 3**Levels:** Graduate**Schedule types:** Lecture**Department/School:** Physics**PHYS 5663 Solid State Physics I****Prerequisites:** PHYS 4513.**Description:** Crystal structure, cohesive energy of ionic crystals and metals, specific heats, free electron theory of metals, band theory, Brillouin zones, insulators and alloys; magnetic properties, optical properties and thermal and electrical conductivity of solids.**Credit hours:** 3**Contact hours:** Lecture: 3 Contact: 3**Levels:** Graduate**Schedule types:** Lecture**Department/School:** Physics

**PHYS 5713 Solid State Physics II****Prerequisites:** PHYS 5663 or equivalent.**Description:** Symmetry, dielectric properties, ferroelectrics, magnetic properties, mechanical properties, and defects of solids.**Credit hours:** 3**Contact hours:** Lecture: 3 Contact: 3**Levels:** Graduate**Schedule types:** Lecture**Department/School:** Physics**PHYS 5813 General Relativity****Prerequisites:** PHYS 5453 or consent of instructor.**Description:** Theory and applications of general relativity: the principle of equivalence, general coordinate invariance, tensors, affine connections, Einstein's field equations, classic tests, application to stellar dynamics, black holes, and cosmology.**Credit hours:** 3**Contact hours:** Lecture: 3 Contact: 3**Levels:** Graduate**Schedule types:** Lecture**Department/School:** Physics**PHYS 5960 Problems in Chemical Physics****Prerequisites:** Consent of instructor.**Description:** Intermolecular forces, interaction of radiation with matter in bulk form, dielectric properties of matter, polymer physics and quantum theory of biopolymers. Offered for variable credit, 3-6 credit hours, maximum of 6 credit hours.**Credit hours:** 3-6**Contact hours:** Contact: 3-6 Other: 3-6**Levels:** Graduate**Schedule types:** Independent Study**Department/School:** Physics**PHYS 6000 Doctoral Dissertation Research****Prerequisites:** Admission to candidacy and permission of major professor.**Description:** Offered for variable credit, 1-15 credit hours, maximum of 60 credit hours.**Credit hours:** 1-15**Contact hours:** Contact: 1-15 Other: 1-15**Levels:** Graduate**Schedule types:** Independent Study**Department/School:** Physics**PHYS 6010 Advanced Graduate Seminar****Prerequisites:** Consent of instructor.**Description:** Special topics of an advanced nature in physics. Offered for variable credit, 1-3 credit hours, maximum of 15 credit hours.**Credit hours:** 1-3**Contact hours:** Contact: 1-3 Other: 1-3**Levels:** Graduate**Schedule types:** Independent Study**Department/School:** Physics**PHYS 6113 Advanced Theory of Solids****Prerequisites:** PHYS 5663.**Description:** Many-body techniques, transport processes, band theoretical techniques, superconductivity, dynamics of electrons in a magnetic field, and alloys.**Credit hours:** 3**Contact hours:** Lecture: 3 Contact: 3**Levels:** Graduate**Schedule types:** Lecture**Department/School:** Physics**PHYS 6213 Group Theory for Physics****Prerequisites:** PHYS 5453.**Description:** Group theory and imperfections in crystals. Dislocation theory and color centers.**Credit hours:** 3**Contact hours:** Lecture: 3 Contact: 3**Levels:** Graduate**Schedule types:** Lecture**Department/School:** Physics**PHYS 6243 Semiconductors I****Prerequisites:** PHYS 5113, PHYS 5613, PHYS 5663.**Description:** The first part of a survey of the physics of semi-conductors. Bonding and structure, crystal growth, epitaxial growth, band theory, phonons, photons, defects, intrinsic and extrinsic statistics, trapping and recombination.**Credit hours:** 3**Contact hours:** Lecture: 3 Contact: 3**Levels:** Graduate**Schedule types:** Lecture**Department/School:** Physics**PHYS 6260 Special Topics in High Energy Physics****Prerequisites:** PHYS 5263 or consent of instructor.**Description:** Advanced topics of current interest in high-energy physics: collider physics, supersymmetry, unification, flavor physics, string phenomenology, extra dimensions. Offered for variable credit, 1-3 credit hours, maximum of 9 credit hours.**Credit hours:** 1-3**Contact hours:** Contact: 1-3 Other: 1-3**Levels:** Graduate**Schedule types:** Independent Study**Department/School:** Physics**PHYS 6313 Quantum Mechanics II****Prerequisites:** PHYS 5613.**Description:** Scattering theory, many-particle quantum mechanics and application to atomic and molecular systems; degenerate and time-dependent perturbation theory.**Credit hours:** 3**Contact hours:** Lecture: 3 Contact: 3**Levels:** Graduate**Schedule types:** Lecture**Department/School:** Physics**PHYS 6323 Quantum Field Theory****Prerequisites:** PHYS 6313 or consent of instructor.**Description:** Relativistic Quantum Mechanics: Klein-Gordon field, path integral formulation of Quantum Mechanics, Feynman diagrams, Quantum Electrodynamics, relativistic scattering radiative corrections, renormalization and critical exponents, non-Abelian gauge theories, spontaneous symmetry breaking.**Credit hours:** 3**Contact hours:** Lecture: 3 Contact: 3**Levels:** Graduate**Schedule types:** Lecture**Department/School:** Physics



**PHYS 6343 Semiconductors II****Prerequisites:** PHYS 6243.**Description:** The second part of the semiconductors sequence. Transport phenomena, junctions, devices, heterostructures, and optical properties.**Credit hours:** 3**Contact hours:** Lecture: 3 Contact: 3**Levels:** Graduate**Schedule types:** Lecture**Department/School:** Physics**PHYS 6413 Nonlinear Optics****Prerequisites:** PHYS 5163, PHYS 5313, and PHYS 5613.**Description:** The response of matter at high radiation powers; nonlinear susceptibilities. Wave propagation in nonlinear medium; three wave and four wave interactions; saturated absorption, optical switching and limiting; two photon and stimulated Raman processes; Self focusing; solitons.**Credit hours:** 3**Contact hours:** Lecture: 3 Contact: 3**Levels:** Graduate**Schedule types:** Lecture**Department/School:** Physics**PHYS 6423 Quantum Optics****Prerequisites:** PHYS 5163, PHYS 5613 or consent of instructor.**Description:** Quantization of Electromagnetic Fields, coherence, quantum entanglement, parametric down conversion, two photon interferometry, Bell's inequalities, quantum teleportation and cryptography, cavity QED.**Credit hours:** 3**Contact hours:** Lecture: 3 Contact: 3**Levels:** Graduate**Schedule types:** Lecture**Department/School:** Physics**PHYS 6513 Advanced Topics in Solid State Physics****Prerequisites:** PHYS 5663 or equivalent.**Description:** Interaction of radiation and matter, neutron scattering, phase transitions, magnetic resonance and cooperative phenomena.**Credit hours:** 3**Contact hours:** Lecture: 3 Contact: 3**Levels:** Graduate**Schedule types:** Lecture**Department/School:** Physics**PHYS 6613 Advanced Nuclear and Particle Physics****Prerequisites:** PHYS 5263, PHYS 6313; or consent of instructor.**Description:** Renormalization of quantum field theories, spontaneous symmetry breaking, Standard model, flavor physics, grand unification, super-symmetry.**Credit hours:** 3**Contact hours:** Lecture: 3 Contact: 3**Levels:** Graduate**Schedule types:** Lecture**Department/School:** Physics**PHYS 6713 Advanced Electromagnetic Radiation****Prerequisites:** Consent of instructor.**Description:** Radiation theory, wave guides, scattering and dispersion relations; relativity.**Credit hours:** 3**Contact hours:** Lecture: 3 Contact: 3**Levels:** Graduate**Schedule types:** Lecture**Department/School:** Physics**PHYS 6803 Photonics I: Advanced Optics****Prerequisites:** ECEN 3213 or ECEN 3813.**Description:** Advanced optics including spectral and time characteristics of detectors, characteristics of lasers, time, spectral and spatial parameters of laser emission, interferometric techniques, and nonlinear effects such as two-photon absorption and second and third harmonic generations. Ultrashort laser pulses. Same course as CHEM 6803 & ECEN 6803. Offered for fixed credit, 3 credit hours, maximum of 9 credit hours.**Credit hours:** 3**Contact hours:** Lecture: 3 Contact: 3**Levels:** Graduate**Schedule types:** Lecture**Department/School:** Physics**PHYS 6810 Photonics II: THz Photonics and THz-TDS****Prerequisites:** PHYS 6803.**Description:** THz photonics and THz time-domain spectroscopy (THz-TDS). Concepts and techniques of driving electronic circuitry with ultrashort laser pulses to generate and detect freely propagating pulses of THz electromagnetic radiation using several operational research systems. Same course as CHEM 6810 & ECEN 6810. Previously offered as PHYS 6811. Offered for fixed credit, 1 credit hour, maximum of 4 credit hours.**Credit hours:** 1**Contact hours:** Lab: 2 Contact: 2**Levels:** Graduate**Schedule types:** Lab**Department/School:** Physics**PHYS 6820 Photonics II: Spectroscopy II****Prerequisites:** PHYS 6803.**Description:** Operating principles and applications of laser spectroscopy of atoms, molecules, solids and complex fluids. Absorption, emission, photon correlation, coherence, time resolved Fourier transform. Raman spectroscopy and non-linear optical. Same course as CHEM 6820 & ECEN 6820. Offered for fixed credit, 1 credit hour, maximum of 4 credit hours.**Credit hours:** 1**Contact hours:** Lab: 2 Contact: 2**Levels:** Graduate**Schedule types:** Lab**Department/School:** Physics**PHYS 6830 Photonics II: Spectroscopy III****Prerequisites:** PHYS 6803.**Description:** Advanced spectroscopic instruments and methods used for investigation of semi-conductors and solid state material. Stimulated emission characterized both in wavelength and in time. Time-resolved fluorescence measurements. Multiphotonic excitations. Fast measuring techniques including subnanosecond detectors, picosecond streak cameras, and ultrafast four-wave mixing and correlation techniques. Time-dependent photoconductivity measurements. Same course as CHEM 6830 & ECEN 6830. Previously offered as PHYS 6831. Offered for fixed credit, 1 credit hour, maximum of 4 credit hours.**Credit hours:** 1**Contact hours:** Lab: 2 Contact: 2**Levels:** Graduate**Schedule types:** Lab**Department/School:** Physics



**PHYS 6840 Photonics III: Microscopy I****Prerequisites:** CHEM 3553 or consent of instructor.**Description:** The structure and imaging of solid surfaces. Basics of scanning probe microscopy (SPM). Contact and noncontact atomic force microscopy (AFM). Scanning tunneling microscopy (STM) in air. Same course as CHEM 6840 & ECEN 6840. Previously offered as PHYS 6841. Offered for fixed credit, 1 credit hour, maximum of 4 credit hours.**Credit hours:** 1**Contact hours:** Lab: 2 Contact: 2**Levels:** Graduate**Schedule types:** Lab**Department/School:** Physics**PHYS 6850 Photonics III: Microscopy II****Prerequisites:** PHYS 3553 or consent of instructor.**Description:** Advanced techniques of scanning probe microscopy (SPM). Magnetic force microscopy, Kelvin force microscopy, scanning, tunneling microscopy (STM) in vacuum. Characterization of materials with SPM. Nanolithography with SPM. Device manufacturing and analysis. Same course as CHEM 6850 & ECEN 6850. Previously offered as PHYS 6851. Offered for fixed credit, 1 credit hour, maximum of 4 credit hours.**Credit hours:** 1**Contact hours:** Lab: 2 Contact: 2**Levels:** Graduate**Schedule types:** Lab**Department/School:** Physics**PHYS 6860 Photonics III: Microscopy III and Image Processing****Prerequisites:** ECEN 5793.**Description:** Digital image processing, including projects. Image acquisition and display, image enhancement, geometric operations, linear and nonlinear filtering, image restoration, edge detection, image analysis, morphology, segmentation, recognition, and coding and compression. Same course as CHEM 6860 & ECEN 6860. Previously offered as PHYS 6861. Offered for fixed credit, 1 credit hour, maximum of 4 credit hours.**Credit hours:** 1**Contact hours:** Lab: 2 Contact: 2**Levels:** Graduate**Schedule types:** Lab**Department/School:** Physics**PHYS 6870 Photonics IV: Synthesis and Devices I****Prerequisites:** PHYS 6803 and PHYS 6840.**Description:** Preparation of functional nanostructures and related optical and electronic devices. Physical and chemical methods of thin film deposition. Engineering of prototypes of light emitting diodes, sensors, optical limiting coatings, lithographic patterns. Same course as CHEM 6870 & ECEN 6870. Previously offered as PHYS 6871. Offered for fixed credit, 1 credit hour, maximum of 4 credit hours.**Credit hours:** 1**Contact hours:** Lab: 2 Contact: 2**Levels:** Graduate**Schedule types:** Lab**Department/School:** Physics**PHYS 6880 Photonics IV: Semiconductor Devices, Testing and Characterization****Prerequisites:** PHYS 6803.**Description:** Test and characterization of semiconductor and optoelectronic devices. Hall effect, four point probe, CV and IV measurements, optical pump-probe, photoluminescence, and electro-optics sampling. Same course as CHEM 6880 & ECEN 6880. Previously offered as PHYS 6881. Offered for fixed credit, 1 credit hour, maximum of 4 credit hours.**Credit hours:** 1**Contact hours:** Lab: 2 Contact: 2**Levels:** Graduate**Schedule types:** Lab**Department/School:** Physics**PHYS 6890 Photonics IV: Semiconductor Synthesis and Devices III****Prerequisites:** PHYS 6803.**Description:** Processing, fabrication and characterization of semiconductor optoelectronic devices in class 100/10000 cleanrooms. Cleanroom operation including general procedure for material processing and device fabrication. Device processing using a variety of processing such as mask aligner, vacuum evaporators and rapid thermal annealer. Testing using optical and electrical testing apparatus such as I-V, C-V Hall, and optical spectral measurement systems. Same course as CHEM 6890 & ECEN 6890. Previously offered as PHYS 6891. Offered for fixed credit, 1 credit hour, maximum of 4 credit hours.**Credit hours:** 1**Contact hours:** Lab: 2 Contact: 2**Levels:** Graduate**Schedule types:** Lab**Department/School:** Physics

## Undergraduate Programs

- Physics, BS (p. 1629)
- Physics: Applied Physics, BS (p. 1632)
- Physics: Secondary Teacher Certification, BS (p. 1635)

## Graduate Programs

### Prerequisites

Thirty semester hours of physics beyond the elementary course work and mathematics courses through advanced calculus and differential equations are normally required.

## The Master of Science Degree

Students can choose between a thesis or non-thesis plan. For both plans, the required courses are the following:

Code	Title	Hours
PHYS 5113	Statistical Thermodynamics and Kinetic Theory	3
PHYS 5313	Electromagnetic Theory	3
PHYS 5413	Classical Mechanics	3
PHYS 5453	Mathematical Methods for Physicists	3
PHYS 5613	Quantum Mechanics I	3

The thesis plan requires the successful completion of 30 semester credit hours beyond the BS, which include the required courses; nine semester credit hours of electives in physics, mathematics or an allied field; and the submission of an acceptable thesis along with six credit hours of

PHYS 5000 Master's Thesis Research or Report. The thesis is to be based on original and independent research, on a topic chosen in consultation with the student's advisor. The student must successfully defend the thesis in an oral examination. The non-thesis plan requires 32 semester credit hours beyond the BS degree, including the required courses; fifteen hours of electives (with up to nine credit hours of senior level courses); and two credit hours of library research (PHYS 5000 Master's Thesis Research or Report) on a topic chosen in consultation with the student's advisor. A completed written report based on the library research must be orally presented to the student's advisory committee. For both plans, the electives must be chosen in consultation with the student's advisory committee.

Also available at the MS level is an option in optics and photonics, in association with the School of Electrical and Computer Engineering. Students may pursue one of two plans, both of which require 24 credit hours of coursework with at least one course taken outside the student's specialization. Beyond this, the first plan (30 credit hours) requires an additional six hours of research and a successful defense of a thesis. The second plan (32 credit hours) requires an additional six hours of coursework and a two-credit-hour report.

## The Doctor of Philosophy Degree

The following physics courses are required:

Code	Title	Hours
PHYS 5113	Statistical Thermodynamics and Kinetic Theory	3
PHYS 5213	Statistical Mechanics	3
PHYS 5313	Electromagnetic Theory	3
PHYS 5413	Classical Mechanics	3
PHYS 5453	Mathematical Methods for Physicists	3
PHYS 5613	Quantum Mechanics I	3
PHYS 6313	Quantum Mechanics II	3

Three additional PHYS prefix courses at the 5000- or 6000-level, including at least one course not in the student's specialization, must be completed. Additional courses reflecting the candidate's specialization may be required by the advisory committee. Seventy-two (72) semester hours of credit beyond the bachelor's degree, or sixty semester hours of credit beyond the master's degree are required. A minimum of two-thirds of the graduate course credits must be in physics. No more than six credit hours of eligible physics coursework at the 4000-level can be counted toward graduate credit and no more than 12 total credit hours of eligible coursework in all subjects at the 3000- or 4000-level can be counted toward graduate credit. Courses taken at another institution will be evaluated by a faculty committee to determine whether they satisfy any requirements.

A Photonics PhD program shared with the Electrical and Computer Engineering Department is also available, with Physics as the home department. Details of the multidisciplinary photonics PhD program are found in the "Graduate College (p. 2766)" section of the Catalog.

The most important single requirement for the PhD in physics is the presentation of an acceptable dissertation which represents original research work by the student and which demonstrates the student's ability to do independent study as well as to plan and carry out future research in his or her field. Full information on graduate programs in the Department of Physics is available from the Graduate Coordinator

or from the department website at [physics.okstate.edu](https://physics.okstate.edu) (<https://physics.okstate.edu/>).

## Minors

- Physics (PHYS), Minor (p. 1628)

## Faculty

Flera Rizatdinova, PhD—Professor and Head

**Regents Professors:** Kaladi Babu, PhD

**Professors:** Donna K. Bandy, PhD; Eric Benton, PhD; Alexander Khanov, PhD; Yingmei Liu, PhD (Noble Chair); David McIlroy, PhD; Al Rosenberger, PhD; Aihua Xie, PhD

**Associate Professors:** Mario Borunda, PhD; Joseph Haley, PhD; Donghua Zhou, PhD

**Assistant Professors:** Thomas Bilitewski, PhD; Dorival Goncalves-Netto, PhD; Mayukh Lahiri, PhD; Derek Meyers, PhD; Andrew Yost, PhD

**Teaching Assistant Professor:** Kim Zoldak, PhD

**Emeriti Professors:** Bruce Ackerson, PhD; Robert Hauenstein, PhD; Joel J. Martin, PhD; Stephen W.S. McKeever, PhD (Regents Professor); John W. Mintmire, PhD (Regents Professor); Satya Nandi, PhD (Regents Professor); Jacques H.H. Perk, PhD; Peter M.A. Sherwood, PhD (Regents Professor); Peter O. Shull, PhD; James P. Wicksted, PhD

## Physics (PHYS), Minor

**Requirements for Students Matriculating in or before Academic Year 2022-2023.** Learn more about University Academic Regulation 3.1 (p. 943).

Sheri Orr, 404 NRC, 405-744-3729

**Minimum Grade Point Average in Minor Coursework:** 2.00

**Total Hours:** 20

Code	Title	Hours
<b>Minor Requirements</b>		
PHYS 2014	University Physics I (LN)	4
PHYS 2114	University Physics II (LN)	4
PHYS 2203	University Physics III	3
Select 9 hours of upper-division PHYS or ASTR <sup>1</sup>		9
<b>Total Hours</b>		<b>20</b>

<sup>1</sup> No more than 3 hours upper-division ASTR may apply

## Additional OSU Requirements

### Undergraduate Minors

- An undergraduate minor must include between fifteen and thirty hours, inclusive of undergraduate coursework.
- A minimum of six credit hours for the minor must be earned in residence at OSU.
- The courses required for a minor may be included in the course requirements for any undergraduate degree or they may be in addition to degree requirements, depending on the overlap between the minor and degree requirements. However, an undergraduate minor must be earned in an academic field other than the student's declared degree option. The minor may not duplicate the degree major or option (for example, a student who earns a BA in Art with an Art History option may earn a minor in Studio Art but not Art History).
- A student generally follows the minor requirements associated with his or her matriculation year or newer requirements that have been established since matriculation. The time limit for following requirements from a given academic year is six years.

For additional information on requirements on minors, click here (<https://adminfinance.okstate.edu/site-files/documents/policies/requirements-for-undergraduate-and-graduate-minors.pdf>).

# Physics, BS

## Degree Requirements

**Requirements for Students Matriculating in or before Academic Year 2022-2023.** Learn more about University Academic Regulation 3.1 (p. 943).

**Minimum Overall Grade Point Average:** 2.00

**Total Hours:** 120

Code	Title	Hours
<b>General Education Requirements</b>		
<i>English Composition</i>		
See Academic Regulation 3.5 (p. 944)		
ENGL 1113	Composition I	3
or ENGL 1313	Critical Analysis and Writing I	
Select one of the following:		3
ENGL 1213	Composition II	
ENGL 1413	Critical Analysis and Writing II	
ENGL 3323	Technical Writing	
<i>American History &amp; Government</i>		
HIST 1103	Survey of American History	3
or HIST 1483	American History to 1865 (H)	
or HIST 1493	American History Since 1865 (DH)	
POLS 1113	American Government	3
<i>Analytical &amp; Quantitative Thought (A)</i>		
MATH 2144	Calculus I (A) <sup>1</sup>	4
MATH 2153	Calculus II (A) <sup>1</sup>	3
<i>Humanities (H)</i>		
Courses designated (H)		6
<i>Natural Sciences (N)</i>		
Must include one Laboratory Science (L) course		
CHEM 1314	Chemistry I (LN) <sup>1</sup>	4
Course designated (N)		2
<i>Social &amp; Behavioral Sciences (S)</i>		
Courses designated (S)		3
<i>Additional General Education</i>		
Courses designated (A), (H), (N), or (S)		6
<b>Hours Subtotal</b>		<b>40</b>
<b>Diversity (D) &amp; International Dimension (I)</b>		
May be completed in any part of the degree plan		
Select at least one Diversity (D) course		
Select at least one International Dimension (I) course		
<b>College/Departmental Requirements</b>		
<i>First Year Seminar</i>		
(Transfer students with 15 hours exempt)		1
<i>Arts &amp; Humanities</i>		
See note 2.a.		3
<i>Natural &amp; Mathematical Sciences</i>		
CHEM 1515	Chemistry II (LN)	5
PHYS 2014	University Physics I (LN)	4
<i>Foreign Language</i>		
0-6 hours. See note 3		

### Upper-Division General Education

Select 6 hours outside major department. See note 2.c.

**Hours Subtotal** 13

### Major Requirements

Minimum GPA 2.00 with a minimum grade of "C" in each course

#### Core Requirements

PHYS 2114	University Physics II (LN)	4
PHYS 2203	University Physics III	3
PHYS 3013	Mechanics I	3
PHYS 3323	Modern Laboratory Methods I	3
PHYS 3513	Mathematical Physics	3
PHYS 3623	Modern Laboratory Methods II	3
PHYS 3713	Modern Physics	3
PHYS 4113	Electricity and Magnetism	3
PHYS 4513	Introductory Quantum Mechanics	3
PHYS 4712	Senior Project	2
PHYS 4813	Electromagnetic Radiation	3
MATH 2163	Calculus III	3
MATH 2233	Differential Equations	3

#### Additional Requirements

Select 9 upper-division hours in Physics 9

Select 6 upper-division hours 6

**Hours Subtotal** 54

### Electives

Select 13 hours 13

May need to include 6 hours of a foreign language (see note 3)

May need to include 6 hours upper-division general education outside major department (see note 2.c.)

MATH 1513 and MATH 1813 required for students who do not place directly into MATH 2144.

Suggested electives: ASTR, CS, and MATH

**Hours Subtotal** 13

**Total Hours** 120

1

College and Departmental Requirements that may be used to meet General Education Requirements.

## Other Requirements

- See the College of Arts and Sciences Requirements.
- **Upper-Division Credit:** Total hours must include at least 40 hours in courses numbered 3000 or above.
- **Hours in One Department:** For B.A. and B.S. degrees, no more than 54 hours in one department may be applied to degree requirements.

## College of Arts and Sciences Requirements

### 1. General Education Requirements

No more than two courses (or eight hours) from the major department (<http://catalog.okstate.edu/college-arts-sciences-major-departments/>) may be used to meet General Education and College and Departmental Requirements. The General Education required English Composition, required U.S. History, required American Government, one required MATH or STAT course, and required foreign

language for B.A. degrees do not count against the two-course maximum.

## 2. A&S College/Departmental Requirements

- Arts and Humanities are defined as any course carrying an (H) designation or courses from AMST, ART, DANC, ENGL (except ENGL 3323 Technical Writing) HIST, MUSI, PHIL (except PHIL 1313 Logic and Critical Thinking (A), PHIL 3003 Symbolic Logic (A) and PHIL 4003 Mathematical Logic and Computability), REL, TH, and foreign languages.
- Natural and Mathematical Sciences are defined as any course from the following prefixes: ASTR, BIOC, BIOL, CHEM, CS (except CS 4883 Social Issues in Computing), GEOL, MATH, MICR, PBIO, PHYS, and STAT; or courses from other departments that carry an (A) or (N) general education designation.
- The required six hours of upper-division General Education may not include courses from the student's major department. This requirement may be satisfied by courses also used to satisfy any part of a student's degree program (i.e., in General Education, College Departmental Requirements, Major Requirements or Electives).
- Non-Western Studies Requirement for B.A. and B.F.A.; One 3-hour course in Non-Western Studies (N.W.). This requirement may be satisfied by courses also used to satisfy any part of a student's degree program (i.e., in General Education, College Departmental Requirements, Major Requirements or Electives).
- The College of Arts & Sciences requires a minimum 2.0 GPA in all major requirements and a minimum 2.0 GPA in all major-prefix courses applied to the degree.

## 3. Foreign Language Proficiency

- The foreign language requirement for the B.A. may be satisfied by 9 hours college credit in the same language, which must include 3 hours at the 2000-level, or equivalent proficiency (e.g., passing an advanced standing examination; TOEFL exam; presenting a high school transcript which demonstrates the high school was primarily conducted in a language other than English; etc.). Computer Science courses may not be used to satisfy this requirement. Currently Arabic and Mvskoke are not offered at the 2000-level at OSU.
- The foreign language requirement for the B.S., B.M. and B.F.A. may be satisfied by presenting a high school transcript which demonstrates two years of study of a single foreign language (passing grades at second-year level of study). It may also be satisfied by 6 hours college credit in the same language, which must include language courses 1713 and 1813, or equivalent proficiency (e.g., passing an advanced standing examination; TOEFL exam; presenting a high school transcript which demonstrates the high school was primarily conducted in a language other than English; etc.). Computer Science courses may not be used to satisfy this requirement.
- In addition to a. and b., students pursuing teacher certification must meet novice-high foreign language proficiency by presenting a high school transcript which demonstrates two years of study of a single foreign language with no grade below B. Or, students may complete 3 hours college credit in a single language with no grade below C (or pass an advanced standing examination, College Level Examination Program (CLEP) exam, or Oral Proficiency Interview developed by the American Council on the Teaching of Foreign Languages, equivalent to 3 hours of college credit.) Or, students may meet the requirement by transfer of documentation of meeting the foreign language competency

from one of the teacher education programs in the State of Oklahoma approved by the Oklahoma State Regents for Higher Education.

## 4. Exclusions

- Courses used to satisfy the General Education English Composition, U.S. History, American Government, and Mathematics or Statistics requirements will not count toward the 54-hour maximum allowed from one department.
- Courses with ATHL or LEIS prefixes and leisure activity courses may not be used for degree credit.

## Additional State/OSU Requirements

- At least: 60 hours at a four-year institution; 30 hours completed at OSU; 15 of the final 30 or 50% of the upper-division hours in the major field completed at OSU.
- Limit of: one-half of major course requirements as transfer work; one-fourth of hours earned by correspondence; 8 transfer correspondence hours.
- Students will be held responsible for degree requirements in effect at the time of matriculation and any changes that are made, so long as these changes do not result in semester credit hours being added or do not delay graduation.
- Degrees that follow this plan must be completed by the end of Summer 2028.

## Example Plan of Study

### Finish in Four Plan of Study

The plan below is an **example** of how students can successfully complete degree requirements in four years. This suggested class schedule plan may be used as a guide and can be adjusted based on individual needs. Students are required to meet with an academic adviser prior to enrollment each semester to plan their class schedule, and students are ultimately responsible for completing all degree requirements.

Course	Title	Hours
<b>Freshman</b>		
<b>Fall</b>		
CHEM 1314	Chemistry I (LN)	4
MATH 2144	Calculus I (A)	4
General Education courses		6
<b>Hours</b>		<b>14</b>
<b>Spring</b>		
MATH 2153	Calculus II (A)	3
PHYS 2014	University Physics I (LN)	4
General Education courses		9
<b>Hours</b>		<b>16</b>
<b>Sophomore</b>		
<b>Fall</b>		
MATH 2163	Calculus III	3
PHYS 2114	University Physics II (LN)	4
General Education courses		9
<b>Hours</b>		<b>16</b>
<b>Spring</b>		
PHYS 2203	University Physics III	3
PHYS 3513	Mathematical Physics	3
MATH 2233	Differential Equations	3
College and Elective courses		6
<b>Hours</b>		<b>15</b>

<b>Junior</b>		
<b>Fall</b>		
PHYS 3013	Mechanics I	3
PHYS 3713	Modern Physics	3
PHYS 4113	Electricity and Magnetism	3
MATH 3013	Linear Algebra (A)	3
Major, College, and Elective courses		3
<b>Hours</b>		<b>15</b>
<b>Spring</b>		
Major, College, and Elective courses		15
<b>Hours</b>		<b>15</b>
<b>Senior</b>		
<b>Fall</b>		
PHYS 3323	Modern Laboratory Methods I	3
Major, College, and Elective courses		12
<b>Hours</b>		<b>15</b>
<b>Spring</b>		
PHYS 3623	Modern Laboratory Methods II	3
PHYS 4712	Senior Project	2
Major, College, and Elective courses		9
<b>Hours</b>		<b>14</b>
<b>Total Hours</b>		<b>120</b>

1

Speak with academic advisor about saving General Education electives and Humanities (H) for Upper-division courses with International (I) and Diversity (D) dimensions.



## Physics: Applied Physics, BS

### Degree Requirements

**Requirements for Students Matriculating in or before Academic Year 2022-2023.** Learn more about University Academic Regulation 3.1 (p. 943).

**Minimum Overall Grade Point Average:** 2.00

**Total Hours:** 120

Code	Title	Hours
<b>General Education Requirements</b>		
<i>English Composition</i>		
See Academic Regulation 3.5 (p. 944)		
ENGL 1113	Composition I	3
or ENGL 1313	Critical Analysis and Writing I	
Select one of the following:		3
ENGL 1213	Composition II	
ENGL 1413	Critical Analysis and Writing II	
ENGL 3323	Technical Writing	
<i>American History &amp; Government</i>		
HIST 1103	Survey of American History	3
or HIST 1483	American History to 1865 (H)	
or HIST 1493	American History Since 1865 (DH)	
POLS 1113	American Government	3
<i>Analytical &amp; Quantitative Thought (A)</i>		
MATH 2144	Calculus I (A) <sup>1</sup>	4
MATH 2153	Calculus II (A) <sup>1</sup>	3
<i>Humanities (H)</i>		
Courses designated (H)		6
<i>Natural Sciences (N)</i>		
Must include one Laboratory Science (L) course		
CHEM 1314	Chemistry I (LN) <sup>1</sup>	4
Course designated (N)		2
<i>Social &amp; Behavioral Sciences (S)</i>		
Courses designated (S)		3
<i>Additional General Education</i>		
Courses designated (A), (H), (N), or (S)		6
<b>Hours Subtotal</b>		<b>40</b>
<b>Diversity (D) &amp; International Dimension (I)</b>		
May be completed in any part of the degree plan		
Select at least one Diversity (D) course		
Select at least one International Dimension (I) course		
<b>College/Departmental Requirements</b>		
<i>First Year Seminar</i>		
(Transfer students with 15 hours exempt)		1
<i>Arts &amp; Humanities</i>		
See note 2.a.		3
<i>Natural &amp; Mathematical Sciences</i>		
CHEM 1515	Chemistry II (LN)	5
PHYS 2014	University Physics I (LN)	4
<i>Foreign Language</i>		
0-6 hours. See note 3.		

#### Upper-Division General Education

Select 6 hours outside major department. See note 2.c.

**Hours Subtotal** **13**

#### Major Requirements

Minimum GPA 2.00 with a minimum grade of "C" in each course

#### Core Requirements

PHYS 2114	University Physics II (LN)	4
PHYS 2203	University Physics III	3
PHYS 3013	Mechanics I	3
PHYS 3323	Modern Laboratory Methods I	3
PHYS 3513	Mathematical Physics	3
PHYS 3623	Modern Laboratory Methods II	3
PHYS 3713	Modern Physics	3
PHYS 4113	Electricity and Magnetism	3
MATH 2163	Calculus III	3
MATH 2233	Differential Equations	3

#### Additional Requirements

Select 9 upper-division hours in in any one academic department <sup>2</sup>

Select 9 upper-division hours <sup>2</sup>

**Hours Subtotal** **49**

#### Electives

Select 18 hours <sup>2</sup>

May need to include 6 hours of a foreign language (see note 3)

May need to include 6 hours upper-division general education outside major department (see note 2.c.).

MATH 1513 and MATH 1813 required for students who do not place directly into MATH 2144.

Suggested electives: ASTR, CS, and MATH

**Hours Subtotal** **18**

**Total Hours** **120**

1

College and Departmental Requirements that may be used to meet General Education Requirements.

2

With approval from the advisor and department head, a maximum of 30 hours from an accredited doctoral health program may be used for these 18 hours and up to 12 hours of electives.

### Other Requirements

- See the College of Arts and Sciences Requirements.
- **Upper-Division Credit:** Total hours must include at least 40 hours in courses numbered 3000 or above.
- **Hours in One Department:** For B.A. and B.S. degrees, no more than 54 hours in one department may be applied to degree requirements.

### College of Arts and Sciences Requirements

#### 1. General Education Requirements

No more than two courses (or eight hours) from the major department (<http://catalog.okstate.edu/college-arts-sciences-major-departments/>) may be used to meet General Education and College and Departmental Requirements. The General Education required

English Composition, required U.S. History, required American Government, one required MATH or STAT course, and required foreign language for B.A. degrees do not count against the two-course maximum.

## 2. A&S College/Departmental Requirements

- Arts and Humanities are defined as any course carrying an (H) designation or courses from AMST, ART, DANC, ENGL (except ENGL 3323 Technical Writing) HIST, MUSI, PHIL (except PHIL 1313 Logic and Critical Thinking (A), PHIL 3003 Symbolic Logic (A) and PHIL 4003 Mathematical Logic and Computability), REL, TH, and foreign languages.
- Natural and Mathematical Sciences are defined as any course from the following prefixes: ASTR, BIOC, BIOL, CHEM, CS (except CS 4883 Social Issues in Computing), GEOL, MATH, MICR, PBIO, PHYS, and STAT; or courses from other departments that carry an (A) or (N) general education designation.
- The required six hours of upper-division General Education may not include courses from the student's major department. This requirement may be satisfied by courses also used to satisfy any part of a student's degree program (i.e., in General Education, College Departmental Requirements, Major Requirements or Electives).
- Non-Western Studies Requirement for B.A. and B.F.A.; One 3-hour course in Non-Western Studies (N.W.). This requirement may be satisfied by courses also used to satisfy any part of a student's degree program (i.e., in General Education, College Departmental Requirements, Major Requirements or Electives).
- The College of Arts & Sciences requires a minimum 2.0 GPA in all major requirements and a minimum 2.0 GPA in all major-prefix courses applied to the degree.

## 3. Foreign Language Proficiency

- The foreign language requirement for the B.A. may be satisfied by 9 hours college credit in the same language, which must include 3 hours at the 2000-level, or equivalent proficiency (e.g., passing an advanced standing examination; TOEFL exam; presenting a high school transcript which demonstrates the high school was primarily conducted in a language other than English; etc.). Computer Science courses may not be used to satisfy this requirement. Currently Arabic and Mvskoke are not offered at the 2000-level at OSU.
- The foreign language requirement for the B.S., B.M. and B.F.A. may be satisfied by presenting a high school transcript which demonstrates two years of study of a single foreign language (passing grades at second-year level of study). It may also be satisfied by 6 hours college credit in the same language, which must include language courses 1713 and 1813, or equivalent proficiency (e.g., passing an advanced standing examination; TOEFL exam; presenting a high school transcript which demonstrates the high school was primarily conducted in a language other than English; etc.). Computer Science courses may not be used to satisfy this requirement.
- In addition to a. and b., students pursuing teacher certification must meet novice-high foreign language proficiency by presenting a high school transcript which demonstrates two years of study of a single foreign language with no grade below B. Or, students may complete 3 hours college credit in a single language with no grade below C (or pass an advanced standing examination, College Level Examination Program (CLEP) exam, or Oral Proficiency Interview developed by the American Council on the Teaching of Foreign Languages, equivalent to 3 hours of

college credit.) Or, students may meet the requirement by transfer of documentation of meeting the foreign language competency from one of the teacher education programs in the State of Oklahoma approved by the Oklahoma State Regents for Higher Education.

## 4. Exclusions

- Courses used to satisfy the General Education English Composition, U.S. History, American Government, and Mathematics or Statistics requirements will not count toward the 54-hour maximum allowed from one department.
- Courses with ATHL or LEIS prefixes and leisure activity courses may not be used for degree credit.

## Additional State/OSU Requirements

- At least: 60 hours at a four-year institution; 30 hours completed at OSU; 15 of the final 30 or 50% of the upper-division hours in the major field completed at OSU.
- Limit of: one-half of major course requirements as transfer work; one-fourth of hours earned by correspondence; 8 transfer correspondence hours.
- Students will be held responsible for degree requirements in effect at the time of matriculation and any changes that are made, so long as these changes do not result in semester credit hours being added or do not delay graduation.
- Degrees that follow this plan must be completed by the end of Summer 2028.

## Example Plan of Study

### Finish in Four Plan of Study

The plan below is an **example** of how students can successfully complete degree requirements in four years. This suggested class schedule plan may be used as a guide and can be adjusted based on individual needs. Students are required to meet with an academic advisor prior to enrollment each semester to plan their class schedule, and students are ultimately responsible for completing all degree requirements.

Course	Title	Hours
<b>Freshman</b>		
<b>Fall</b>		
CHEM 1314	Chemistry I (LN)	4
MATH 2144	Calculus I (A)	4
General Education courses		6
		<b>Hours</b>
		<b>14</b>
<b>Spring</b>		
CHEM 1515	Chemistry II (LN)	5
MATH 2153	Calculus II (A)	3
PHYS 2014	University Physics I (LN)	4
General Education courses		3
		<b>Hours</b>
		<b>15</b>
<b>Sophomore</b>		
<b>Fall</b>		
MATH 2163	Calculus III	3
PHYS 2114	University Physics II (LN)	4
General Education courses		9
		<b>Hours</b>
		<b>16</b>
<b>Spring</b>		
PHYS 2203	University Physics III	3
PHYS 3513	Mathematical Physics	3
MATH 2233	Differential Equations	3

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College and Elective courses		6
<b>Hours</b>		<b>15</b>
<b>Junior</b>		
<b>Fall</b>		
PHYS 3013	Mechanics I	3
PHYS 3713	Modern Physics	3
PHYS 4113	Electricity and Magnetism	3
Major, College, and Elective courses		6
<b>Hours</b>		<b>15</b>
<b>Spring</b>		
Major, College, and Elective courses		15
<b>Hours</b>		<b>15</b>
<b>Senior</b>		
<b>Fall</b>		
PHYS 3323	Modern Laboratory Methods I	3
Major, College, and Elective courses		12
<b>Hours</b>		<b>15</b>
<b>Spring</b>		
PHYS 3623	Modern Laboratory Methods II	3
Major, College, and Elective courses		12
<b>Hours</b>		<b>15</b>
<b>Total Hours</b>		<b>120</b>

# Physics: Secondary Teacher Certification, BS

## Degree Requirements

Requirements for Students Matriculating in or before Academic Year 2022-2023. Learn more about University Academic Regulation 3.1 (p. 943).

Minimum Overall Grade Point Average: 2.50

Total Hours: 120

Code	Title	Hours
<b>General Education Requirements</b>		
<i>English Composition</i>		
See Academic Regulation 3.5 (p. 944)		
ENGL 1113	Composition I	3
or ENGL 1313	Critical Analysis and Writing I	
Select one of the following:		3
ENGL 1213	Composition II	
ENGL 1413	Critical Analysis and Writing II	
ENGL 3323	Technical Writing	
<i>American History &amp; Government</i>		
HIST 1103	Survey of American History	3
or HIST 1483	American History to 1865 (H)	
or HIST 1493	American History Since 1865 (DH)	
POLS 1113	American Government	3
<i>Analytical &amp; Quantitative Thought (A)</i>		
MATH 2144	Calculus I (A) <sup>1,2</sup>	4
MATH 2153	Calculus II (A) <sup>1,2</sup>	3
<i>Humanities (H)</i>		
PHIL 3933	Creation and Evolution <sup>1</sup>	3
Course designated (H)		3
<i>Natural Sciences (N)</i>		
Must include one Laboratory Science (L) course		
CHEM 1314	Chemistry I (LN) <sup>1,2</sup>	4
PHYS 2014	University Physics I (LN) <sup>1,2</sup>	4
Select four hours from the following:		4
BIOL 1113	Introductory Biology (N)	
& BIOL 1111	and Introductory Biology Laboratory (LN) <sup>1,2</sup>	
BIOL 1114	Introductory Biology (LN) <sup>1,2</sup>	
<i>Social &amp; Behavioral Sciences (S)</i>		
Courses designated (S)		3
<b>Hours Subtotal</b>		<b>40</b>
<b>Diversity (D) &amp; International Dimension (I)</b>		
May be completed in any part of the degree plan		
Select at least one Diversity (D) course		
Select at least one International Dimension (I) course		
<b>College/Departmental Requirements</b>		
<i>First Year Seminar</i>		
(Transfer students with 15 hours exempt)		1
<i>Arts &amp; Humanities</i>		
See note 2.a.		3

### Natural & Mathematical Sciences

CHEM 1515	Chemistry II (LN) <sup>2</sup>	5
PHYS 2114	University Physics II (LN)	4

### Foreign Language

0-6 hours. See note 3.

### Upper-Division General Education

Select 6 hours outside major department. See note 2.c.

<b>Hours Subtotal</b>		<b>13</b>
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### Major Requirements

#### Physics Core

Minimum GPA 2.50 and minimum grade of "C" or "P"

PHYS 2203	University Physics III	3
PHYS 3013	Mechanics I	3
PHYS 3323	Modern Laboratory Methods I	3
PHYS 3513	Mathematical Physics	3
PHYS 3623	Modern Laboratory Methods II	3
PHYS 3713	Modern Physics	3
PHYS 4113	Electricity and Magnetism	3
MATH 2163	Calculus III	3
MATH 2233	Differential Equations	3
STAT 4013	Statistical Methods I (A)	3

#### Additional Requirements:

3 upper-division hours in Physics 3

#### Secondary Education Professional Core

Minimum GPA 2.50 and minimum grade of "C" or "P" in each course

SMED 1012	Inquiry Approaches to Teaching	2
SMED 3013	Knowing and Learning in Mathematics and Science	3
SMED 4013	Classroom Interactions	3
SMED 4023	Problem-Based Learning in Mathematics and Science	3
SMED 4611	Authentic Research in the Science Classroom	1
SMED 4613	Teaching the Nature of Science Through an Inquiry Approach <sup>3</sup>	3
SMED 4713	Teaching and Learning Science in the Secondary School <sup>3</sup>	3
SMED 4723	Senior Seminar in Secondary Mathematics and Science Education <sup>3</sup>	3
SPED 3202	Educating Exceptional Learners (D)	2
CIED 4720	Internship in the Secondary Classroom <sup>3</sup>	6
<b>Hours Subtotal</b>		<b>62</b>

### Electives

Select 5 hours 5

May need to include 6 hours of a foreign language (see note 3)

MATH 1513 and MATH 1813 required for students who do not place directly into MATH 2144.

<b>Hours Subtotal</b>		<b>5</b>
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**Total Hours 120**

1

College and Departmental Requirements that may be used to meet General Education Requirements.

2

Minimum GPA 2.50 and minimum grade of “C” or “P”

3

Full admission to Professional Education required.

## Other Requirements

- See the College of Arts and Sciences Requirements.
- **Upper-Division Credit:** Total hours must include at least 40 hours in courses numbered 3000 or above.
- **Hours in One Department:** For B.A. and B.S. degrees, no more than 54 hours in one department may be applied to degree requirements.

## College of Arts and Sciences Requirements

### 1. General Education Requirements

No more than two courses (or eight hours) from the major department (<http://catalog.okstate.edu/college-arts-sciences-major-departments/>) may be used to meet General Education and College and Departmental Requirements. The General Education required English Composition, required U.S. History, required American Government, one required MATH or STAT course, and required foreign language for B.A. degrees do not count against the two-course maximum.

### 2. A&S College/Departmental Requirements

- Arts and Humanities are defined as any course carrying an (H) designation or courses from AMST, ART, DANC, ENGL (except ENGL 3323 Technical Writing) HIST, MUSI, PHIL (except PHIL 1313 Logic and Critical Thinking (A), PHIL 3003 Symbolic Logic (A) and PHIL 4003 Mathematical Logic and Computability), REL, TH, and foreign languages.
- Natural and Mathematical Sciences are defined as any course from the following prefixes: ASTR, BIOC, BIOL, CHEM, CS (except CS 4883 Social Issues in Computing), GEOL, MATH, MICR, PBIO, PHYS, and STAT; or courses from other departments that carry an (A) or (N) general education designation.
- The required six hours of upper-division General Education may not include courses from the student’s major department. This requirement may be satisfied by courses also used to satisfy any part of a student’s degree program (i.e., in General Education, College Departmental Requirements, Major Requirements or Electives).
- Non-Western Studies Requirement for B.A. and B.F.A.; One 3-hour course in Non-Western Studies (N.W.). This requirement may be satisfied by courses also used to satisfy any part of a student’s degree program (i.e., in General Education, College Departmental Requirements, Major Requirements or Electives).
- The College of Arts & Sciences requires a minimum 2.0 GPA in all major requirements and a minimum 2.0 GPA in all major-prefix courses applied to the degree.

### 3. Foreign Language Proficiency

- The foreign language requirement for the B.A. may be satisfied by 9 hours college credit in the same language, which must include 3 hours at the 2000-level, or equivalent proficiency (e.g., passing an advanced standing examination; TOEFL exam; presenting a high school transcript which demonstrates the high school was primarily conducted in a language other than English; etc.). Computer Science courses may not be used to satisfy this

requirement. Currently Arabic and Mvskoke are not offered at the 2000-level at OSU.

- The foreign language requirement for the B.S., B.M. and B.F.A. may be satisfied by presenting a high school transcript which demonstrates two years of study of a single foreign language (passing grades at second-year level of study). It may also be satisfied by 6 hours college credit in the same language, which must include language courses 1713 and 1813, or equivalent proficiency (e.g., passing an advanced standing examination; TOEFL exam; presenting a high school transcript which demonstrates the high school was primarily conducted in a language other than English; etc.). Computer Science courses may not be used to satisfy this requirement.
- In addition to a. and b., students pursuing teacher certification must meet novice-high foreign language proficiency by presenting a high school transcript which demonstrates two years of study of a single foreign language with no grade below B. Or, students may complete 3 hours college credit in a single language with no grade below C (or pass an advanced standing examination, College Level Examination Program (CLEP) exam, or Oral Proficiency Interview developed by the American Council on the Teaching of Foreign Languages, equivalent to 3 hours of college credit.) Or, students may meet the requirement by transfer of documentation of meeting the foreign language competency from one of the teacher education programs in the State of Oklahoma approved by the Oklahoma State Regents for Higher Education.

### 4. Exclusions

- Courses used to satisfy the General Education English Composition, U.S. History, American Government, and Mathematics or Statistics requirements will not count toward the 54-hour maximum allowed from one department.
- Courses with ATHL or LEIS prefixes and leisure activity courses may not be used for degree credit.

## Additional State/OSU Requirements

- At least: 60 hours at a four-year institution; 30 hours completed at OSU; 15 of the final 30 or 50% of the upper-division hours in the major field completed at OSU.
- Limit of: one-half of major course requirements as transfer work; one-fourth of hours earned by correspondence; 8 transfer correspondence hours.
- Students will be held responsible for degree requirements in effect at the time of matriculation and any changes that are made, so long as these changes do not result in semester credit hours being added or do not delay graduation.
- Degrees that follow this plan must be completed by the end of Summer 2028.

## Example Plan of Study

### Finish in Four Plan of Study

The plan below is an **example** of how students can successfully complete degree requirements in four years. This suggested class schedule plan may be used as a guide and can be adjusted based on individual needs. Students are required to meet with an academic advisor prior to enrollment each semester to plan their class schedule, and students are ultimately responsible for completing all degree requirements.

Course	Title	Hours
<b>Freshman</b>		
<b>Fall</b>		
A&S 1111	A&S First Year Seminar	1
BIOL 1113 & BIOL 1111	Introductory Biology (N) and Introductory Biology Laboratory (LN)	4
CHEM 1314	Chemistry I (LN)	4
MATH 2144	Calculus I (A)	4
SMED 1012	Inquiry Approaches to Teaching	2
<b>Hours</b>		<b>15</b>
<b>Spring</b>		
CHEM 1515	Chemistry II (LN)	5
MATH 2153	Calculus II (A)	3
PHYS 2014	University Physics I (LN)	4
General Education courses		3
<b>Hours</b>		<b>15</b>
<b>Sophomore</b>		
<b>Fall</b>		
MATH 2163	Calculus III	3
PHYS 2114	University Physics II (LN)	4
SPED 3202	Educating Exceptional Learners (D)	2
General Education courses		6
<b>Hours</b>		<b>15</b>
<b>Spring</b>		
MATH 2233	Differential Equations	3
PHYS 2203	University Physics III	3
PHYS 3513	Mathematical Physics	3
SMED 3013	Knowing and Learning in Mathematics and Science	3
College and Elective courses		3
<b>Hours</b>		<b>15</b>
<b>Junior</b>		
<b>Fall</b>		
PHYS 3013	Mechanics I	3
PHYS 3323	Modern Laboratory Methods I	3
PHYS 3713	Modern Physics	3
PHYS 4113	Electricity and Magnetism	3
SMED 4013	Classroom Interactions	3
<b>Hours</b>		<b>15</b>
<b>Spring</b>		
PHYS 3623	Modern Laboratory Methods II	3
SMED 4611	Authentic Research in the Science Classroom	1
SMED 4613	Teaching the Nature of Science Through an Inquiry Approach	3
Major, College, and Elective courses		8
<b>Hours</b>		<b>15</b>
<b>Senior</b>		
<b>Fall</b>		
STAT 4013	Statistical Methods I (A)	3
SMED 4023	Problem-Based Learning in Mathematics and Science	3
SMED 4713	Teaching and Learning Science in the Secondary School	3
Major and Elective courses		6
<b>Hours</b>		<b>15</b>
<b>Spring</b>		
CIED 4720	Internship in the Secondary Classroom	6
SMED 4723	Senior Seminar in Secondary Mathematics and Science Education	3
Major, College, and Elective courses		6
<b>Hours</b>		<b>15</b>
<b>Total Hours</b>		<b>120</b>



## Plant Biology, Ecology, and Evolution

The field of plant biology ranges from molecules to ecosystems. The importance of plants to the ecosystem and to humanity cannot be underestimated. They regulate global processes and form complex relationships with other organisms, and have intriguing patterns of development and diversity. Plants provide medicinal compounds, shelter, fuel, food and oxygen, and support the existence of life on Earth. As human population size increases, the need for more and better supplies of food, fiber and biofuels also increases. The study of plant biology underlies the applied sciences such as agronomy, forestry, natural resource management, horticulture and plant pathology.

To major in plant biology a student should have a strong interest in life sciences with a good background in chemistry and mathematics. Majors with a BS degree may choose to specialize by taking Degree Options in Ecology and Evolutionary Biology, Cell Biology and Molecular Genetics, Pre-Pharmacy, Pre-Law and Environmental Policy, and Pre-Forensics. Graduates with an option in Ecology and Evolutionary Biology are qualified to hold positions in federal and state agencies in areas such as conservation biology, habitat restoration, environmental biology and plant inspection. Graduates with an option in Cell Biology and Molecular Genetics are qualified for various research positions in private industry, such as plant biotechnology and drug development. Graduates with an option in Pre-Pharmacy will be well-prepared with all the courses required for Pharmacy School. Graduates with an option in Pre-Law and Environmental Policy will have completed the required courses for Law School. Graduates with an option in Pre-Forensics will be well-placed for further study and employment in the field of biological forensics. All majors are required to do at least one credit hour of research and faculty actively encourage undergraduate research in their labs. Several of the undergraduate courses, including Introduction to Plant Biology (PBIO 1404) have extensive in-class student-led research projects and presentation opportunities.

Facilities used in undergraduate teaching include well-equipped plant physiology and ecology laboratories, environmental chambers, the 160-acre McPherson Preserve and a herbarium with over 150,000 plant specimens. Faculty members teach and do research in their specialty areas of plant biology including ecology, population biology, biodiversity, climate change, evolution, physiology, biochemistry, biophysics, taxonomy and systematics, genetics and development, genomics, and cell and molecular biology.

## Courses

### PBIO 1052 How Plants Shaped Our World (LN)

**Description:** Experience the connections between plants and everything in our world - from food and clothing to history and art. Learn why the first physicians were botanists. See how the search for black pepper led to the discovery of a new world and to masterpieces by Dutch painters. Discover how plants work by growing and experimenting with them.

**Credit hours:** 2

**Contact hours:** Lecture: 1 Lab: 2 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lab, Lecture, Combined lecture and lab

**Department/School:** Plant Biology Ecol & Evolution

**General Education and other Course Attributes:** Scientific Investigation, Natural Sciences

### PBIO 1404 Plant Biology (LN)

**Description:** Basic concepts in the biology of plants from the perspective of structure and function, ecology and evolution, and diversity. Students gain experience with the process of science by proposing hypotheses, designing and conducting experiments and interpreting data. Previously offered as BOT 1404, BIOL 1404, BIOL 1403, and BISC 1403.

**Credit hours:** 4

**Contact hours:** Lecture: 3 Lab: 2 Contact: 5

**Levels:** Undergraduate

**Schedule types:** Lab, Lecture, Combined lecture and lab

**Department/School:** Plant Biology Ecol & Evolution

**General Education and other Course Attributes:** Scientific Investigation, Natural Sciences

### PBIO 2110 Special Topics in Plant Biology

**Prerequisites:** Consent of instructor.

**Description:** Special studies in any area of plant biology. Offered for variable credit, 1-6 credit hours, maximum of 15 credit hours.

**Credit hours:** 1-6

**Contact hours:** Contact: 1-6 Other: 1-6

**Levels:** Undergraduate

**Schedule types:** Discussion

**Department/School:** Plant Biology Ecol & Evolution

### PBIO 2200 Undergraduate Research

**Prerequisites:** Consent of instructor.

**Description:** Undergraduate research problems in plant biology. Graded on a pass/fail basis. Offered for variable credit, 1-6 credit hours, maximum of 15 credit hours.

**Credit hours:** 1-6

**Contact hours:** Contact: 1-6 Other: 1-6

**Levels:** Undergraduate

**Schedule types:** Discussion

**Department/School:** Plant Biology Ecol & Evolution

### PBIO 2403 Introduction to Plant Molecular Biology

**Prerequisites:** PBIO 1404 or BIOL 1113 and BIOL 1111 or BIOL 1114.

**Description:** Concepts, principles, and themes in plant molecular biology, including structures and functions of biomolecules, representative molecular reactions, and regulations of such reactions in everyday plant life.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Plant Biology Ecol & Evolution

### PBIO 2890 Honors Experience in Plant Biology

**Prerequisites:** Honors Program participation and concurrent enrollment in a designated BIOL or PBIO course.

**Description:** A supplemental Honors experience in Plant Biology to partner concurrently with designated upper-division BIOL or PBIO course(s). The course adds a different intellectual dimension to the designated course. Same course as PBIO 3890. Offered for fixed credit, 1 credit hour, maximum of 6 credit hours.

**Credit hours:** 1

**Contact hours:** Lecture: 1 Contact: 1

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Plant Biology Ecol & Evolution

**General Education and other Course Attributes:** Honors Credit

**PBIO 3024 Plant Diversity**

**Prerequisites:** BOT 1404 or equivalent.

**Description:** Forms and life histories of selected plants with emphasis on some of the less familiar forms. The diversity of plant forms as well as basic similarities in life histories; importance of each form to humans and their environment. Previously offered as BOT 3024.

**Credit hours:** 4

**Contact hours:** Lecture: 3 Lab: 3 Contact: 6

**Levels:** Undergraduate

**Schedule types:** Lab, Lecture, Combined lecture and lab

**Department/School:** Plant Biology Ecol & Evolution

**PBIO 3110 Special Topics in Plant Biology**

**Prerequisites:** Consent of instructor.

**Description:** Special studies in any area of plant biology. Offered for variable credit, 1-6 credit hours, maximum of 15 credit hours.

**Credit hours:** 1-6

**Contact hours:** Contact: 1-6 Other: 1-6

**Levels:** Undergraduate

**Schedule types:** Discussion

**Department/School:** Plant Biology Ecol & Evolution

**PBIO 3114 Plant Taxonomy**

**Prerequisites:** PBIO 1404 or equivalent.

**Description:** Survey of vascular plant families in a phylogenetic framework, and the morphological characters that define them. Principles and practice of plant classification theory and methods. Lab focuses on the identification of species that comprise the Oklahoma flora. Previously offered as BOT 3114.

**Credit hours:** 4

**Contact hours:** Lecture: 2 Lab: 4 Contact: 6

**Levels:** Undergraduate

**Schedule types:** Lab, Lecture, Combined lecture and lab

**Department/School:** Plant Biology Ecol & Evolution

**PBIO 3253 Environment and Society (N)**

**Prerequisites:** At least one college level science course strongly recommended.

**Description:** The environmental impacts of human activities and population growth on the natural world, and possible solutions. Previously offered as BOT 3253.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Plant Biology Ecol & Evolution

**General Education and other Course Attributes:** Natural Sciences

**PBIO 3263 Plants and People (N)**

**Description:** Study of how plant use has changed the course of world history. This includes the uses of plants and plant products for food and beverages, shelter, fiber, and medicinal and pharmaceutical purposes. Previously offered as BOT 3263.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Plant Biology Ecol & Evolution

**General Education and other Course Attributes:** Natural Sciences

**PBIO 3273 Medical Botany (N)**

**Description:** Study of plants as a source of medicines, psychoactive compounds and poisons. These topics will be explored in the context of modern western medicine as well as traditional health systems and complementary alternative medicine. Previously offered as BOT 3273.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Plant Biology Ecol & Evolution

**General Education and other Course Attributes:** Natural Sciences

**PBIO 3553 Fungi: Myths and More**

**Prerequisites:** BIOL 1114 or (BIOL 1113 and BIOL 1111).

**Description:** This course explores fungal biology and its roles in the environment and impacts on the health and nutrition of plants, animals and humans. Topics include the ethnomycological and industrial uses of fungi in foods, fermentations, medicines, and intoxicants, and the colorful folklore and myths associated with these diverse, enigmatic organisms. Laboratory instruction includes microscopy, microbiological methods, mushroom cultivation, and identification of microfungi and wild mushrooms. Same course as PLP 3553. Previously offered as BOT 3553.

**Credit hours:** 3

**Contact hours:** Lecture: 2 Lab: 2 Contact: 4

**Levels:** Undergraduate

**Schedule types:** Lab, Lecture, Combined lecture and lab

**Department/School:** Plant Biology Ecol & Evolution

**PBIO 3890 Advanced Honors Experience in Plant Biology**

**Prerequisites:** Honors Program participation and concurrent enrollment in a designated BIOL or PBIO course.

**Description:** A supplemental Honors experience in Plant Biology to partner concurrently with designated upper-division BIOL or PBIO course(s). The course adds a different intellectual dimension to the designated course. Same course as PBIO 2890. Offered for fixed credit, 1 credit hour, maximum of 6 credit hours.

**Credit hours:** 1

**Contact hours:** Lecture: 1 Contact: 1

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Plant Biology Ecol & Evolution

**General Education and other Course Attributes:** Honors Credit

**PBIO 4005 Field Botany**

**Prerequisites:** PBIO 1404 or equivalent.

**Description:** Botanical field techniques, the vegetation of North America, and the flora of Oklahoma. Terminology of description, use of taxonomic keys, techniques of specimen preservation, field recognition of plant taxa and communities and controlling ecological factors, economic and wildlife significance of dominant taxa, principles of classification and nomenclature. Three weekend field trips required. May not be used for degree credit with PBIO 5003. Previously offered as BOT 3005.

**Credit hours:** 5

**Contact hours:** Lecture: 3 Lab: 4 Contact: 7

**Levels:** Undergraduate

**Schedule types:** Lab, Lecture, Combined lecture and lab

**Department/School:** Plant Biology Ecol & Evolution

**PBIO 4013 Biological Microtechnique****Prerequisites:** PBIO 1404 or BIOL 1604.**Description:** Theories, principles, and methods related to the usage of the light microscope and to the preparation of biological materials for light microscopic examination. May not be used for degree credit with PBIO 5013. Previously offered as BOT 3013.**Credit hours:** 3**Contact hours:** Lecture: 2 Lab: 3 Contact: 5**Levels:** Undergraduate**Schedule types:** Lab, Lecture, Combined lecture and lab**Department/School:** Plant Biology Ecol & Evolution**PBIO 4110 Special Topics in Plant Biology****Prerequisites:** Consent of instructor.**Description:** Special studies in any area of plant biology. Offered for variable credit, 1-6 credit hours, maximum of 15 credit hours.**Credit hours:** 1-6**Contact hours:** Contact: 1-6 Other: 1-6**Levels:** Undergraduate**Schedule types:** Discussion**Department/School:** Plant Biology Ecol & Evolution**PBIO 4233 Plant Anatomy****Prerequisites:** BOT 1404 or equivalent.**Description:** Structures of cells, tissues and organs of plants and the developmental, phylogenetic, and functional contexts of the structures. May not be used for degree credit with PBIO 5233. Previously offered as BOT 3233.**Credit hours:** 3**Contact hours:** Lecture: 2 Lab: 2 Contact: 4**Levels:** Undergraduate**Schedule types:** Lab, Lecture, Combined lecture and lab**Department/School:** Plant Biology Ecol & Evolution**PBIO 4400 Undergraduate Research****Prerequisites:** Consent of instructor.**Description:** Undergraduate research problems in plant biology. Previously offered as BOT 4400. Offered for variable credit, 1-6 credit hours, maximum of 15 credit hours.**Credit hours:** 1-6**Contact hours:** Contact: 1-6 Other: 1-6**Levels:** Undergraduate**Schedule types:** Discussion**Department/School:** Plant Biology Ecol & Evolution**PBIO 4423 Plant Mineral Nutrition****Prerequisites:** PBIO 4463 or concurrent enrollment.**Description:** Uptake, translocation, metabolism, and biochemical function of mineral nutrients in higher plants. May not be used for degree credit with PBIO 5423. Previously offered as BOT 4423.**Credit hours:** 3**Contact hours:** Lecture: 3 Contact: 3**Levels:** Undergraduate**Schedule types:** Lecture**Department/School:** Plant Biology Ecol & Evolution**PBIO 4462 Plant Physiology Laboratory****Prerequisites:** PBIO 4463 or PBIO 5463 or concurrent enrollment.**Description:** Skills in techniques for working with plants, experiments involving nutrition, respiration, photosynthesis, water relations, translocation, hormones, growth and development. Previously offered as BOT 3460 and BOT 3462.**Credit hours:** 2**Contact hours:** Lab: 4 Contact: 4**Levels:** Undergraduate**Schedule types:** Lab**Department/School:** Plant Biology Ecol & Evolution**PBIO 4463 Plant Physiology****Prerequisites:** BOT 1404 or equivalent.**Description:** Plant subcellular structure, water relations, water absorption and ascent of sap, translocation, gaseous exchange, nutrition, enzymes, respiration, photosynthesis, growth, development, reproduction, tropisms, hormones, dormancy and seed germination. May not be used for degree credit with PBIO 5463. Previously offered as BOT 3463.**Credit hours:** 3**Contact hours:** Lecture: 3 Contact: 3**Levels:** Undergraduate**Schedule types:** Lecture**Department/School:** Plant Biology Ecol & Evolution**PBIO 4524 Biological Laboratory Instrumentation****Prerequisites:** CHEM 1515 or equivalent and (BOT 1404 or MICR 2123 or BIOL 1604 or equivalents or consent of instructor).**Description:** Lecture and laboratory course in biological instrumentation use, theory, experimental design, maintenance, and troubleshooting. Topics include liquid handling systems, pH/ISE meters, electrophoresis, microcontrollers, spectrophotometers, centrifuges, chromatography, thermocyclers, and DNA sequencers. Same course as BIOL 4524, MICR 4524.**Credit hours:** 4**Contact hours:** Lecture: 2 Lab: 4 Contact: 6**Levels:** Undergraduate**Schedule types:** Lab, Lecture, Combined lecture and lab**Department/School:** Plant Biology Ecol & Evolution**PBIO 4553 Molecular Phylogenetic Analysis****Prerequisites:** Undergraduate genetics strongly recommended.**Description:** Covers the use of molecular sequence data to construct evolutionary trees. It integrates theory and computer applications to answer questions involving species relationships, gene evolution, molecular evolution and morphological change, co-evolution, and biogeographic relationships. May not be used for degree credit with PBIO 5553.**Credit hours:** 3**Contact hours:** Lecture: 2 Lab: 2 Contact: 4**Levels:** Undergraduate**Schedule types:** Lab, Lecture, Combined lecture and lab**Department/School:** Plant Biology Ecol & Evolution

**PBIO 4654 Plant Secondary Metabolism****Prerequisites:** PBIO 1404.**Description:** This course describes the biochemical pathways and functions of plant secondary metabolites, and how they have been used for medical, pharmaceutical, and agricultural research and industry. Same course as PBIO 5654.**Credit hours:** 4**Contact hours:** Lecture: 3 Lab: 3 Contact: 6**Levels:** Undergraduate**Schedule types:** Lab, Lecture, Combined lecture and lab**Department/School:** Plant Biology Ecol & Evolution**PBIO 4800 Senior Honors Thesis****Prerequisites:** Departmental invitation, senior standing, Honors Program participation.**Description:** A research project under the direction of a faculty member resulting in a written report to be judged by a second faculty member as well. An oral presentation made at a departmental seminar. Required for graduation with departmental honors in plant biology. Previously offered as BOT 4993. Offered for variable credit, 1-3 credit hours, maximum of 3 credit hours.**Credit hours:** 1-3**Contact hours:** Contact: 1-3 Other: 1-3**Levels:** Undergraduate**Schedule types:** Discussion**Department/School:** Plant Biology Ecol & Evolution**General Education and other Course Attributes:** Honors Credit**PBIO 4910 Internship in Plant Biology****Prerequisites:** Specified hours of documented plant biology work experience.**Description:** Supervised experience in an approved work situation related to future career in the plant biology field. Offered for variable credit, 1-3 credit hours, maximum of 3 credit hours.**Credit hours:** 1-3**Contact hours:** Contact: 1-3 Other: 1-3**Levels:** Undergraduate**Schedule types:** Discussion**Department/School:** Plant Biology Ecol & Evolution**PBIO 4990 Independent Study in Plant Biology****Prerequisites:** Consent of instructor.**Description:** Independent study under the supervision of a faculty member. This will include readings and discussion on a selected topic agreed upon between the student and instructor. Previously offered as BOT 4990. Offered for variable credit, 1-3 credit hours, maximum of 3 credit hours.**Credit hours:** 1-3**Contact hours:** Contact: 1-3 Other: 1-3**Levels:** Undergraduate**Schedule types:** Discussion**Department/School:** Plant Biology Ecol & Evolution**PBIO 5000 Master's Thesis****Description:** Thesis work for the MS degree. Previously offered as BOT 5000. Offered for variable credit, 1-6 credit hours, maximum of 6 credit hours.**Credit hours:** 1-6**Contact hours:** Contact: 1-6 Other: 1-6**Levels:** Graduate**Schedule types:** Discussion**Department/School:** Plant Biology Ecol & Evolution**PBIO 5003 Field Botany****Prerequisites:** PBIO 1404 or equivalent.**Description:** Botanical field techniques, the vegetation of North America, and the flora of Oklahoma. Terminology of description, use of taxonomic keys, techniques of specimen preservation, field recognition of plant taxa and communities and controlling ecological factors, economic and wildlife significance of dominant taxa, principles of classification and nomenclature. Three weekend field trips required. May not be used for degree credit with PBIO 4005.**Credit hours:** 3**Contact hours:** Lecture: 1 Lab: 4 Contact: 5**Levels:** Graduate**Schedule types:** Lab, Lecture, Combined lecture and lab**Department/School:** Plant Biology Ecol & Evolution**PBIO 5013 Biological Microtechnique****Prerequisites:** PBIO 1404 or BIOL 1604.**Description:** Theories, principles, and methods related to the usage of the light microscope and to the preparation of biological materials for light microscopic examination. May not be used for degree credit with PBIO 4013.**Credit hours:** 3**Contact hours:** Lecture: 2 Lab: 2 Contact: 4**Levels:** Graduate**Schedule types:** Lab, Lecture, Combined lecture and lab**Department/School:** Plant Biology Ecol & Evolution**PBIO 5104 Mycology****Prerequisites:** Graduate standing.**Description:** A systematic study of the fungi, with emphasis on taxonomy, comparative morphology, and fungal biology. Same course as PLP 5104. Previously offered as BOT 5104.**Credit hours:** 4**Contact hours:** Lecture: 3 Lab: 2 Contact: 5**Levels:** Graduate**Schedule types:** Lab, Lecture, Combined lecture and lab**Department/School:** Plant Biology Ecol & Evolution**PBIO 5110 Special Topics in Plant Biology****Prerequisites:** Consent of instructor.**Description:** Special studies in any area of plant biology. Previously offered as BOT 5110. Offered for variable credit, 1-5 credit hours, maximum of 24 credit hours.**Credit hours:** 1-6**Contact hours:** Contact: 1-6 Other: 1-6**Levels:** Graduate**Schedule types:** Discussion**Department/School:** Plant Biology Ecol & Evolution**PBIO 5210 Research in Plant Biology****Prerequisites:** Consent of instructor.**Description:** Independent research in any area of plant biology. Previously offered as BOT 5210. Offered for variable credit, 1-6 credit hours, maximum of 15 credit hours.**Credit hours:** 1-6**Contact hours:** Contact: 1-6 Other: 1-6**Levels:** Graduate**Schedule types:** Discussion**Department/School:** Plant Biology Ecol & Evolution



**PBIO 5233 Plant Anatomy****Prerequisites:** PBIO 1404.**Description:** Structures of cells, tissues and organs of plants and the developmental, phylogenetic, and functional contexts of the structures. May not be used for degree credit with PBIO 4233.**Credit hours:** 3**Contact hours:** Lecture: 2 Lab: 2 Contact: 4**Levels:** Graduate**Schedule types:** Lab, Lecture, Combined lecture and lab**Department/School:** Plant Biology Ecol & Evolution**PBIO 5423 Plant Mineral Nutrition****Prerequisites:** BOT 4463 or concurrent enrollment.**Description:** Uptake, translocation, metabolism, and biochemical function of mineral nutrients in higher plants. May not be used for degree credit with PBIO 4423. Previously offered as BOT 5423.**Credit hours:** 3**Contact hours:** Lecture: 3 Contact: 3**Levels:** Graduate**Schedule types:** Lecture**Department/School:** Plant Biology Ecol & Evolution**PBIO 5463 Plant Physiology****Prerequisites:** PBIO 1404 or equivalent.**Description:** Plant subcellular structure, water relations, water absorption and ascent of sap, translocation, gaseous exchange, nutrition, enzymes, respiration, photosynthesis, growth, development, reproduction, tropisms, hormones, dormancy and seed germination. Previously offered as BOT 3463. May not be used for degree credit with PBIO 4463.**Credit hours:** 3**Contact hours:** Lecture: 3 Contact: 3**Levels:** Graduate**Schedule types:** Lecture**Department/School:** Plant Biology Ecol & Evolution**PBIO 5524 Biological Instrumentation****Prerequisites:** CHEM 1515 or equivalent and (BOT 1404 or MICR 2123 or BIOL 1604 or equivalents or consent of instructor).**Description:** Lecture and laboratory course in biological instrumentation use, theory, experimental design, maintenance, and troubleshooting. Topics include liquid handling systems, pH/ISE meters, electrophoresis, spectrophotometers, centrifuges, chromatography, thermocyclers, and DNA sequencers. Same course as BIOL 5524 and MICR 5524.**Credit hours:** 4**Contact hours:** Lecture: 2 Lab: 4 Contact: 6**Levels:** Graduate**Schedule types:** Lab, Lecture, Combined lecture and lab**Department/School:** Plant Biology Ecol & Evolution**PBIO 5541 Phylogenomics****Description:** Current topics in the theory and application of genome and transcriptome sequencing to phylogenetics, prediction of gene function, and evolution of genes. Previously offered as BOT 5541.**Credit hours:** 1**Contact hours:** Contact: 1 Other: 1**Levels:** Graduate**Schedule types:** Discussion**Department/School:** Plant Biology Ecol & Evolution**PBIO 5553 Molecular Phylogenetic Analysis****Prerequisites:** Undergraduate genetics strongly recommended.**Description:** Covers the use of molecular sequence data to construct evolutionary trees. It integrates theory and computer applications to answer questions involving species relationships, gene evolution, molecular evolution and morphological change, co-evolution, and biogeographic relationships. May not be used for degree credit with PBIO 4553. Previously offered as BOT 5553.**Credit hours:** 3**Contact hours:** Lecture: 2 Lab: 2 Contact: 4**Levels:** Graduate**Schedule types:** Lab, Lecture, Combined lecture and lab**Department/School:** Plant Biology Ecol & Evolution**PBIO 5563 Plant Ecological Genetics****Prerequisites:** Two of the following courses or their equivalent:

BIOL 3023, BIOL 3034, and BIOL 4133.

**Description:** Basic concepts in plant population and quantitative genetics, focusing on techniques that reveal the genetic structure and the adaptive value of ecologically relevant traits. Previously offered as BOT 5563.**Credit hours:** 3**Contact hours:** Lecture: 3 Contact: 3**Levels:** Graduate**Schedule types:** Lecture**Department/School:** Plant Biology Ecol & Evolution**PBIO 5654 Plant Secondary Metabolism****Prerequisites:** PBIO 1404.**Description:** This course describes the biochemical pathways and functions of plant secondary metabolites, and how they have been used for medical, pharmaceutical, and agricultural research and industry. Same course as PBIO 4654.**Credit hours:** 4**Contact hours:** Lecture: 3 Lab: 3 Contact: 6**Levels:** Graduate**Schedule types:** Lab, Lecture, Combined lecture and lab**Department/School:** Plant Biology Ecol & Evolution**PBIO 5813 Plant Developmental Genetics****Prerequisites:** BIOL 3023 or equivalent.**Description:** Discussion of the genetic and molecular factors that regulate reproductive and vegetative development in flowering plants. Emphasis on recent publications that deal with model genetic systems and plants of economic significance. Previously offered as BOT 5813.**Credit hours:** 3**Contact hours:** Lecture: 3 Contact: 3**Levels:** Graduate**Schedule types:** Lecture**Department/School:** Plant Biology Ecol & Evolution**PBIO 5850 Plant Biology Seminar****Description:** Weekly one-hour seminar series of invited and internal speakers. Plant Sciences MS and Plant Sciences (Plant Biology) PhD students are required to present a minimum of two seminars, including one on thesis or dissertation results. Previously offered as BOT 5850. Offered for fixed credit, 1 credit hour, maximum of 6 credit hours.**Credit hours:** 1**Contact hours:** Lecture: 1 Contact: 1**Levels:** Graduate**Schedule types:** Lecture**Department/School:** Plant Biology Ecol & Evolution

**PBIO 5910 Internship in Plant Biology**

**Prerequisites:** Specified hours of documented plant biology work experience.

**Description:** Supervised experience in an approved work situation related to future career in the plant biology field. Graded on a pass/fail basis. Offered for variable credit, 1-3 credit hours, maximum of 3 credit hours.

**Credit hours:** 1-3

**Contact hours:** Contact: 1-3 Other: 1-3

**Levels:** Graduate

**Schedule types:** Discussion

**Department/School:** Plant Biology Ecol & Evolution

**PBIO 6000 Doctoral Research**

**Description:** Independent research for the doctoral dissertation. Previously offered as BOT 6000. Offered for variable credit, 1-15 credit hours, maximum of 60 credit hours.

**Credit hours:** 1-15

**Contact hours:** Contact: 1-15 Other: 1-15

**Levels:** Graduate

**Schedule types:** Discussion

**Department/School:** Plant Biology Ecol & Evolution

## Undergraduate Programs

- Plant Biology, BS (p. 1645)
- Plant Biology: Cell Biology and Molecular Genetics, BS (p. 1648)
- Plant Biology: Ecology and Evolutionary Biology, BS (p. 1651)
- Plant Biology: Pre-Forensics, BS (p. 1654)
- Plant Biology: Pre-Law Environmental Policy, BS (p. 1657)
- Plant Biology: Pre-Pharmacy, BS (p. 1660)

## Graduate Programs

Programs of research and study leading to the degrees of Master of Science in Plant Biology and Doctor of Philosophy in Plant Biology.

## Prerequisites

Applicants for admission must have received a baccalaureate degree from an accredited college and should have had 40 semester hours (or equivalent) in upper-division courses in the biological and physical sciences. A grade-point average of 3.00 (on a 4.00 scale) or above is required for unconditional admission.

Prerequisites for graduate degrees include successful completion of courses in the two broad areas of:

1. ecology and evolution, and
2. cell and molecular biology.

Students with an undergraduate major in biology or plant science will have completed a substantial portion of these courses; those with a less closely related major may be required to take some background courses.

Final authority for each student's plan of study resides with the student's advisory committee.

## Degree Requirements

Demonstrated research competence through submission and acceptance of a thesis or dissertation is required for all plant biology graduate degrees. A minimum of one semester teaching experience is required of all MS and PhD candidates. This requirement may also be satisfied by

enrollment in a college teaching practicum course (GRAD 5990 Special Problems in Graduate Education).

All graduate students are expected to attend and participate in all departmental seminars.

## The Master of Science Degree in Plant Biology

Plans of study must include 30 graduate credit hours (as indicated in the Graduate Catalog). Exactly six credit hours of thesis (PBIO 5000) and two credit hours of seminar (PBIO 5850). At least 24 semester credit hours numbered 5000 or above are required. A minimum of three graduate courses must be taken.

## The Doctor of Philosophy Degree in Plant Biology

The Department of Plant Biology, Ecology, and Evolution offers a PhD in Plant Biology. To receive the PhD in Plant Biology, students must enroll in a minimum of 70 or a total of 90 credit hours beyond the BS or 60 credit hours beyond the MS. No fewer than 36 or more than 60 hours of PBIO 6000-level are allowed in the plan of study. Two hours of seminar (PBIO 5850) must also be included in the plan of study. After a PhD candidate has completed most of the coursework, qualifying examinations are scheduled that cover major areas of the student's plan of study and relevant subdisciplines of plant science.

## Minors

- Plant Biology (PLB), Minor (p. 1644)

## Faculty

Mark Fishbein, PhD—Professor and Head

**Regents Professor:** Michael W. Palmer, PhD (emeritus); David W. Meinke, PhD (emeritus)

**Professors:** Andrew Doust, PhD; Keith Garbutt, PhD; William J. Henley (emeritus), PhD; Ronald J. Tyrl, PhD (emeritus); Linda Watson, PhD (emerita); Ming Yang, PhD

**Assistant Professors:** Bénédicte Bachelot, PhD; Eric LoPresti, PhD

**Teaching Assistant Professors:** Lane Greer, PhD; Nicole Parker, PhD



## Plant Biology (PLB), Minor

**Requirements for Students Matriculating in or before Academic Year 2022-2023.** Learn more about University Academic Regulation 3.1 (p. 943).

Sheri Orr, 404 Noble Research Center, 405.744.3729

**Minimum Grade Point Average in Minor Coursework:** 2.00 with no grade below "C."

**Total Hours:** 15

Code	Title	Hours
<b>Minor Requirements</b>		
PBIO 1404	Plant Biology (LN)	4
Select 3-4 hours from the following:		3-4
BIOL 3023	General Genetics	
BIOL 3034	General Ecology	
BIOL 4133	Evolution	
Select 7-8 hours from upper-division PBIO to complete the required 15 hours		7-8
<b>Total Hours</b>		<b>15</b>

## Additional OSU Requirements

### Undergraduate Minors

- An undergraduate minor must include between fifteen and thirty hours, inclusive of undergraduate coursework.
- A minimum of six credit hours for the minor must be earned in residence at OSU.
- The courses required for a minor may be included in the course requirements for any undergraduate degree or they may be in addition to degree requirements, depending on the overlap between the minor and degree requirements. However, an undergraduate minor must be earned in an academic field other than the student's declared degree option. The minor may not duplicate the degree major or option (for example, a student who earns a BA in Art with an Art History option may earn a minor in Studio Art but not Art History).
- A student generally follows the minor requirements associated with his or her matriculation year or newer requirements that have been established since matriculation. The time limit for following requirements from a given academic year is six years.

For additional information on requirements on minors, click here (<https://adminfinance.okstate.edu/site-files/documents/policies/requirements-for-undergraduate-and-graduate-minors.pdf>).

# Plant Biology, BS

## Degree Requirements

**Requirements for Students Matriculating in or before Academic Year 2022-2023.** Learn more about University Academic Regulation 3.1 (p. 943).

**Minimum Overall Grade Point Average: 2.00**

**Total Hours: 120**

Code	Title	Hours
<b>General Education Requirements</b>		
<i>English Composition</i>		
See Academic Regulation 3.5 (p. 944)		
ENGL 1113	Composition I	3
or ENGL 1313	Critical Analysis and Writing I	
Select one of the following:		3
ENGL 1213	Composition II	
ENGL 1413	Critical Analysis and Writing II	
ENGL 3323	Technical Writing	
<i>American History &amp; Government</i>		
HIST 1103	Survey of American History	3
or HIST 1483	American History to 1865 (H)	
or HIST 1493	American History Since 1865 (DH)	
POLS 1113	American Government	3
<i>Analytical &amp; Quantitative Thought (A)</i>		
STAT 4013	Statistical Methods I (A) <sup>1</sup>	3
or STAT 2013	Elementary Statistics (A)	
MATH 1813	Preparation for Calculus (A) (or higher)	3
or MATH 1613	Trigonometry (A)	
<i>Humanities (H)</i>		
Courses designated (H)		6
<i>Natural Sciences (N)</i>		
Must include one Laboratory Science (L) course		
Select four hours from the following:		4
BIOL 1113	Introductory Biology (N)	
& BIOL 1111	and Introductory Biology Laboratory (LN) <sup>1</sup>	
BIOL 1114	Introductory Biology (LN) <sup>1</sup>	
PHYS 1114	College Physics I (LN) <sup>1</sup>	4
<i>Social &amp; Behavioral Sciences (S)</i>		
Courses designated (S)		3
<i>Additional General Education</i>		
Courses designated (A), (H), (N), or (S)		6
<b>Hours Subtotal</b>		<b>41</b>
<b>Diversity (D) &amp; International Dimension (I)</b>		
May be completed in any part of the degree plan		
Select at least one Diversity (D) course		
Select at least one International Dimension (I) course		
<b>College/Departmental Requirements</b>		
<i>First Year Seminar</i>		
(Transfer students with 15 hours exempt)		1
<i>Arts &amp; Humanities</i>		
See note 2.a.		3

### Natural & Mathematical Sciences

CHEM 1314	Chemistry I (LN)	4
CHEM 1515	Chemistry II (LN)	5

### Foreign Language

See note 3

0-6 hours

### Upper-Division General Education

Select 6 hours outside major department

See note 2.c.

**Hours Subtotal 13**

### Major Requirements

#### Core Courses

BIOL 3023	General Genetics	3
BIOL 3034	General Ecology	4
BIOL 4133	Evolution	3
PBIO 1404	Plant Biology (LN)	4
PBIO 2403	Introduction to Plant Molecular Biology	3
PBIO 4400	Undergraduate Research	1
7 additional hours of PBIO courses		7

Select one of the following:

CHEM 3013 Survey of Organic Chemistry  
& CHEM 3012 and Survey of Organic Chemistry  
Laboratory

CHEM 3053 Organic Chemistry I  
& CHEM 3112 and Organic Chemistry Laboratory  
& CHEM 3153 and Organic Chemistry II

#### Related Courses:

Minimum of 15-18 hours of upper-division course work (no more than 3 hours of general education courses) from the following:

BIOC; BIOL; CHEM, CS; ENTO; ENVR; GEOG; GEOL; HORT;  
MATH; MICR; NREM; PBIO; PHYS; PLNT; PLP; SOIL; or STAT

**Hours Subtotal 48**

#### Electives

Select 18 hours 18

May need to include 6 hours of a foreign language (see note 3)

May need to include 6 hours upper-division general education outside major department (see note 2.c.)

**Hours Subtotal 18**

**Total Hours 120**

1

College and Departmental Requirements that may be used to meet General Education Requirements.

## Other Requirements

- See the College of Arts and Sciences Requirements.
- Minimum GPA of 2.00 in all PBIO courses.
- **Upper-Division Credit:** Total hours must include at least 40 hours in courses numbered 3000 or above.
- **Hours in One Department:** For B.A. and B.S. degrees, no more than 54 hours in one department may be applied to degree requirements.

## College of Arts and Sciences Requirements

### 1. General Education Requirements

No more than two courses (or eight hours) from the major department (<http://catalog.okstate.edu/college-arts-sciences-major-departments/>) may be used to meet General Education and College and Departmental Requirements. The General Education required English Composition, required U.S. History, required American Government, one required MATH or STAT course, and required foreign language for B.A. degrees do not count against the two-course maximum.

### 2. A&S College/Departmental Requirements

- Arts and Humanities are defined as any course carrying an (H) designation or courses from AMST, ART, DANC, ENGL (except ENGL 3323 Technical Writing) HIST, MUSI, PHIL (except PHIL 1313 Logic and Critical Thinking (A), PHIL 3003 Symbolic Logic (A) and PHIL 4003 Mathematical Logic and Computability), REL, TH, and foreign languages.
- Natural and Mathematical Sciences are defined as any course from the following prefixes: ASTR, BIOC, BIOL, CHEM, CS (except CS 4883 Social Issues in Computing), GEOL, MATH, MICR, PBIO, PHYS, and STAT; or courses from other departments that carry an (A) or (N) general education designation.
- The required six hours of upper-division General Education may not include courses from the student's major department. This requirement may be satisfied by courses also used to satisfy any part of a student's degree program (i.e., in General Education, College Departmental Requirements, Major Requirements or Electives).
- Non-Western Studies Requirement for B.A. and B.F.A.; One 3-hour course in Non-Western Studies (N.W.). This requirement may be satisfied by courses also used to satisfy any part of a student's degree program (i.e., in General Education, College Departmental Requirements, Major Requirements or Electives).
- The College of Arts & Sciences requires a minimum 2.0 GPA in all major requirements and a minimum 2.0 GPA in all major-prefix courses applied to the degree.

### 3. Foreign Language Proficiency

- The foreign language requirement for the B.A. may be satisfied by 9 hours college credit in the same language, which must include 3 hours at the 2000-level, or equivalent proficiency (e.g., passing an advanced standing examination; TOEFL exam; presenting a high school transcript which demonstrates the high school was primarily conducted in a language other than English; etc.). Computer Science courses may not be used to satisfy this requirement. Currently Arabic and Mvskoke are not offered at the 2000-level at OSU.
- The foreign language requirement for the B.S., B.M. and B.F.A. may be satisfied by presenting a high school transcript which demonstrates two years of study of a single foreign language (passing grades at second-year level of study). It may also be satisfied by 6 hours college credit in the same language, which must include language courses 1713 and 1813, or equivalent proficiency (e.g., passing an advanced standing examination; TOEFL exam; presenting a high school transcript which demonstrates the high school was primarily conducted in a language other than English; etc.). Computer Science courses may not be used to satisfy this requirement.

- In addition to a. and b., students pursuing teacher certification must meet novice-high foreign language proficiency by presenting a high school transcript which demonstrates two years of study of a single foreign language with no grade below B. Or, students may complete 3 hours college credit in a single language with no grade below C (or pass an advanced standing examination, College Level Examination Program (CLEP) exam, or Oral Proficiency Interview developed by the American Council on the Teaching of Foreign Languages, equivalent to 3 hours of college credit.) Or, students may meet the requirement by transfer of documentation of meeting the foreign language competency from one of the teacher education programs in the State of Oklahoma approved by the Oklahoma State Regents for Higher Education.

### 4. Exclusions

- Courses used to satisfy the General Education English Composition, U.S. History, American Government, and Mathematics or Statistics requirements will not count toward the 54-hour maximum allowed from one department.
- Courses with ATHL or LEIS prefixes and leisure activity courses may not be used for degree credit.

## Additional State/OSU Requirements

- At least: 60 hours at a four-year institution; 30 hours completed at OSU; 15 of the final 30 or 50% of the upper-division hours in the major field completed at OSU.
- Limit of: one-half of major course requirements as transfer work; one-fourth of hours earned by correspondence; 8 transfer correspondence hours.
- Students will be held responsible for degree requirements in effect at the time of matriculation and any changes that are made, so long as these changes do not result in semester credit hours being added or do not delay graduation.
- Degrees that follow this plan must be completed by the end of Summer 2028.

## Example Plan of Study

### Finish in Four Plan of Study

The plan below is an **example** of how students can successfully complete degree requirements in four years. This suggested class schedule plan may be used as a guide and can be adjusted based on individual needs. Students are required to meet with an academic advisor prior to enrollment each semester to plan their class schedule, and students are ultimately responsible for completing all degree requirements.

Course	Title	Hours
<b>Freshman</b>		
<b>Fall</b>		
A&S 1111	A&S First Year Seminar	1
ENGL 1113 or ENGL 1313	Composition I or Critical Analysis and Writing I	3
MATH 1813	Preparation for Calculus (A) (or higher)	3
PBIO 1404	Plant Biology (LN)	4
General Education courses		4
<b>Hours</b>		<b>15</b>
<b>Spring</b>		
ENGL 1213 or ENGL 1413	Composition II or Critical Analysis and Writing II	3
BIOL 1113 & BIOL 1111	Introductory Biology (N) and Introductory Biology Laboratory (LN)	4

CHEM 1314	Chemistry I (LN)	4
General Education courses		3
<b>Hours</b>		<b>14</b>
<b>Sophomore</b>		
<b>Fall</b>		
CHEM 1515	Chemistry II (LN)	5
PHYS 1114	College Physics I (LN)	4
General Education courses		6
<b>Hours</b>		<b>15</b>
<b>Spring</b>		
CHEM 3013 & CHEM 3012 or CHEM 3053	Survey of Organic Chemistry or Organic Chemistry I	5
PBIO 2403	Introduction to Plant Molecular Biology	3
STAT 4013 or STAT 2013	Statistical Methods I (A) or Elementary Statistics (A)	3
Major and College courses		3
<b>Hours</b>		<b>14</b>
<b>Junior</b>		
<b>Fall</b>		
BIOL 3034	General Ecology	4
Major, College, and Elective courses		12
Take CHEM 3112 and CHEM 3153 if completing CHEM 3053		
<b>Hours</b>		<b>16</b>
<b>Spring</b>		
BIOL 3023	General Genetics	3
PBIO 4400	Undergraduate Research	1
Major courses		12
<b>Hours</b>		<b>16</b>
<b>Senior</b>		
<b>Fall</b>		
BIOL 4133	Evolution	3
Major courses		12
<b>Hours</b>		<b>15</b>
<b>Spring</b>		
Major, College, and Elective courses		15
<b>Hours</b>		<b>15</b>
<b>Total Hours</b>		<b>120</b>

1

Speak with academic advisor about saving General Education electives and Humanities (H) for Upper-division courses with International (I) and Diversity (D) dimensions.

# Plant Biology: Cell Biology and Molecular Genetics, BS

## Degree Requirements

**Requirements for Students Matriculating in or before Academic Year 2022-2023.** Learn more about University Academic Regulation 3.1 (p. 943).

**Minimum Overall Grade Point Average: 2.00**

**Total Hours: 120**

Code	Title	Hours
<b>General Education Requirements</b>		
<i>English Composition</i>		
See Academic Regulation 3.5 (p. 944)		
ENGL 1113	Composition I	3
or ENGL 1313	Critical Analysis and Writing I	
Select one of the following:		3
ENGL 1213	Composition II	
ENGL 1413	Critical Analysis and Writing II	
ENGL 3323	Technical Writing	
<i>American History &amp; Government</i>		
HIST 1103	Survey of American History	3
or HIST 1483	American History to 1865 (H)	
or HIST 1493	American History Since 1865 (DH)	
POLS 1113	American Government	3
<i>Analytical &amp; Quantitative Thought (A)</i>		
MATH 1813	Preparation for Calculus (A) (or higher) <sup>1</sup>	3
or MATH 1613	Trigonometry (A)	
STAT 4013	Statistical Methods I (A) <sup>1</sup>	3
or STAT 2013	Elementary Statistics (A)	
<i>Humanities (H)</i>		
Courses designated (H)		6
<i>Natural Sciences (N)</i>		
Must include one Laboratory Science (L) course		
Select four hours from the following:		4
BIOL 1113	Introductory Biology (N)	
& BIOL 1111	and Introductory Biology Laboratory (LN) <sup>1</sup>	
BIOL 1114	Introductory Biology (LN) <sup>1</sup>	
PHYS 1114	College Physics I (LN) <sup>1</sup>	4
<i>Social &amp; Behavioral Sciences (S)</i>		
Courses designated (S)		3
<i>Additional General Education</i>		
Courses designated (A), (H), (N), or (S)		6
<b>Hours Subtotal</b>		<b>41</b>
<b>Diversity (D) &amp; International Dimension (I)</b>		
May be completed in any part of the degree plan		
Select at least one Diversity (D) course		
Select at least one International Dimension (I) course		
<b>College/Departmental Requirements</b>		
<i>First Year Seminar</i>		
(Transfer students with 15 hours exempt)		1
<i>Arts &amp; Humanities</i>		

See note 2.a.		3
<i>Natural &amp; Mathematical Sciences</i>		
CHEM 1314	Chemistry I (LN)	4
CHEM 1515	Chemistry II (LN)	5
<i>Foreign Language</i>		
See note 3		
0-6 hours		
<i>Upper-Division General Education</i>		
Select 6 hours outside major department		
See note 2.c.		
<b>Hours Subtotal</b>		<b>13</b>
<b>Major Requirements</b>		
<i>Core Courses</i>		
BIOL 3023	General Genetics	3
BIOL 4133	Evolution	3
PBIO 1404	Plant Biology (LN)	4
PBIO 2403	Introduction to Plant Molecular Biology	3
PBIO 4233	Plant Anatomy	3
PBIO 4400	Undergraduate Research	1
PBIO 4463	Plant Physiology	3
PBIO 4654	Plant Secondary Metabolism	4
7 additional hours of PBIO courses		7
Select one of the following:		5-8
CHEM 3013	Survey of Organic Chemistry	
& CHEM 3012	and Survey of Organic Chemistry Laboratory	
CHEM 3053	Organic Chemistry I	
& CHEM 3112	and Organic Chemistry Laboratory	
& CHEM 3153	and Organic Chemistry II	
MICR 2123	Introduction to Microbiology	3
or MICR 3033	Cell and Molecular Biology	
<i>Related Courses</i>		
Minimum of 10-13 hours of upper-division coursework (no more than 3 hours of general education courses) from the following:		10-13
BIOC; BIOL; CHEM; CS; ENTO; ENVR; GEOG; GEOL; HORT; MATH; MICR; NREM; PBIO; PHYS; PLNT; PLP; SOIL; or STAT.		
<b>Hours Subtotal</b>		<b>52</b>
<b>Electives</b>		
Select 14 hours		14
May need to include 6 hours of a foreign language (see note 3)		
May need to include 6 hours upper-division general education outside major department (see note 2.c.)		
<b>Hours Subtotal</b>		<b>14</b>
<b>Total Hours</b>		<b>120</b>

<sup>1</sup>

College and Departmental Requirements that may be used to meet General Education Requirements.

## Other Requirements

- See the College of Arts and Sciences Requirements.
- Minimum GPA of 2.00 in all PBIO courses.
- **Upper-Division Credit:** Total hours must include at least 40 hours in courses numbered 3000 or above.

- **Hours in One Department:** For B.A. and B.S. degrees, no more than 54 hours in one department may be applied to degree requirements.

## College of Arts and Sciences Requirements

### 1. General Education Requirements

No more than two courses (or eight hours) from the major department (<http://catalog.okstate.edu/college-arts-sciences-major-departments/>) may be used to meet General Education and College and Departmental Requirements. The General Education required English Composition, required U.S. History, required American Government, one required MATH or STAT course, and required foreign language for B.A. degrees do not count against the two-course maximum.

### 2. A&S College/Departmental Requirements

- Arts and Humanities are defined as any course carrying an (H) designation or courses from AMST, ART, DANC, ENGL (except ENGL 3323 Technical Writing) HIST, MUSI, PHIL (except PHIL 1313 Logic and Critical Thinking (A), PHIL 3003 Symbolic Logic (A) and PHIL 4003 Mathematical Logic and Computability), REL, TH, and foreign languages.
- Natural and Mathematical Sciences are defined as any course from the following prefixes: ASTR, BIOC, BIOL, CHEM, CS (except CS 4883 Social Issues in Computing), GEOL, MATH, MICR, PBIO, PHYS, and STAT; or courses from other departments that carry an (A) or (N) general education designation.
- The required six hours of upper-division General Education may not include courses from the student's major department. This requirement may be satisfied by courses also used to satisfy any part of a student's degree program (i.e., in General Education, College Departmental Requirements, Major Requirements or Electives).
- Non-Western Studies Requirement for B.A. and B.F.A.; One 3-hour course in Non-Western Studies (N.W.). This requirement may be satisfied by courses also used to satisfy any part of a student's degree program (i.e., in General Education, College Departmental Requirements, Major Requirements or Electives).
- The College of Arts & Sciences requires a minimum 2.0 GPA in all major requirements and a minimum 2.0 GPA in all major-prefix courses applied to the degree.

### 3. Foreign Language Proficiency

- The foreign language requirement for the B.A. may be satisfied by 9 hours college credit in the same language, which must include 3 hours at the 2000-level, or equivalent proficiency (e.g., passing an advanced standing examination; TOEFL exam; presenting a high school transcript which demonstrates the high school was primarily conducted in a language other than English; etc.). Computer Science courses may not be used to satisfy this requirement. Currently Arabic and Mvskoke are not offered at the 2000-level at OSU.
- The foreign language requirement for the B.S., B.M. and B.F.A. may be satisfied by presenting a high school transcript which demonstrates two years of study of a single foreign language (passing grades at second-year level of study). It may also be satisfied by 6 hours college credit in the same language, which must include language courses 1713 and 1813, or equivalent proficiency (e.g., passing an advanced standing examination; TOEFL exam; presenting a high school transcript which demonstrates the high school was primarily conducted in

a language other than English; etc.). Computer Science courses may not be used to satisfy this requirement.

- In addition to a. and b., students pursuing teacher certification must meet novice-high foreign language proficiency by presenting a high school transcript which demonstrates two years of study of a single foreign language with no grade below B. Or, students may complete 3 hours college credit in a single language with no grade below C (or pass an advanced standing examination, College Level Examination Program (CLEP) exam, or Oral Proficiency Interview developed by the American Council on the Teaching of Foreign Languages, equivalent to 3 hours of college credit.) Or, students may meet the requirement by transfer of documentation of meeting the foreign language competency from one of the teacher education programs in the State of Oklahoma approved by the Oklahoma State Regents for Higher Education.

### 4. Exclusions

- Courses used to satisfy the General Education English Composition, U.S. History, American Government, and Mathematics or Statistics requirements will not count toward the 54-hour maximum allowed from one department.
- Courses with ATHL or LEIS prefixes and leisure activity courses may not be used for degree credit.

## Additional State/OSU Requirements

- At least: 60 hours at a four-year institution; 30 hours completed at OSU; 15 of the final 30 or 50% of the upper-division hours in the major field completed at OSU.
- Limit of: one-half of major course requirements as transfer work; one-fourth of hours earned by correspondence; 8 transfer correspondence hours.
- Students will be held responsible for degree requirements in effect at the time of matriculation and any changes that are made, so long as these changes do not result in semester credit hours being added or do not delay graduation.
- Degrees that follow this plan must be completed by the end of Summer 2028.

## Example Plan of Study

### Finish in Four Plan of Study

The plan below is an **example** of how students can successfully complete degree requirements in four years. This suggested class schedule plan may be used as a guide and can be adjusted based on individual needs. Students are required to meet with an academic advisor prior to enrollment each semester to plan their class schedule, and students are ultimately responsible for completing all degree requirements.

Course	Title	Hours
<b>Freshman</b>		
<b>Fall</b>		
A&S 1111	A&S First Year Seminar	1
ENGL 1113 or ENGL 1313	Composition I or Critical Analysis and Writing I	3
PBIO 1404	Plant Biology (LN)	4
MATH 1813	Preparation for Calculus (A) (or higher)	3
General Education courses		3
		<b>Hours</b>
		<b>14</b>
<b>Spring</b>		
BIOL 1113 & BIOL 1111	Introductory Biology (N) and Introductory Biology Laboratory (LN)	4



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ENGL 1213 or ENGL 1413	Composition II or Critical Analysis and Writing II	3
CHEM 1314	Chemistry I (LN)	4
General Education courses		3
<b>Hours</b>		<b>14</b>
<b>Sophomore</b>		
<b>Fall</b>		
CHEM 1515	Chemistry II (LN)	5
PHYS 1114	College Physics I (LN)	4
General Education courses		6
<b>Hours</b>		<b>15</b>
<b>Spring</b>		
CHEM 3053	Organic Chemistry I	3
PBIO 2403	Introduction to Plant Molecular Biology	3
PHYS 1114	College Physics I (LN)	4
STAT 4013 or STAT 2013	Statistical Methods I (A) or Elementary Statistics (A)	3
Major and College courses		3
<b>Hours</b>		<b>16</b>
<b>Junior</b>		
<b>Fall</b>		
BIOL 3023	General Genetics	3
CHEM 3153	Organic Chemistry II	3
CHEM 3112	Organic Chemistry Laboratory	2
PBIO 4233	Plant Anatomy	3
Major, College, and Elective courses		3
<b>Hours</b>		<b>14</b>
<b>Spring</b>		
PBIO 4400	Undergraduate Research	1
PBIO 4463	Plant Physiology	3
Major and College courses		12
<b>Hours</b>		<b>16</b>
<b>Senior</b>		
<b>Fall</b>		
BIOL 4133	Evolution	3
Major courses		12
<b>Hours</b>		<b>15</b>
<b>Spring</b>		
PBIO 4654	Plant Secondary Metabolism	4
Major, College, and Elective courses		12
<b>Hours</b>		<b>16</b>
<b>Total Hours</b>		<b>120</b>

# Plant Biology: Ecology and Evolutionary Biology, BS

## Degree Requirements

**Requirements for Students Matriculating in or before Academic Year 2022-2023.** Learn more about University Academic Regulation 3.1 (p. 943).

**Minimum Overall Grade Point Average: 2.00**

**Total Hours: 120**

Code	Title	Hours
<b>General Education Requirements</b>		
<i>English Composition</i>		
See Academic Regulation 3.5 (p. 944)		
ENGL 1113	Composition I	3
or ENGL 1313	Critical Analysis and Writing I	
Select one of the following:		3
ENGL 1213	Composition II	
ENGL 1413	Critical Analysis and Writing II	
ENGL 3323	Technical Writing	
<i>American History &amp; Government</i>		
HIST 1103	Survey of American History	3
or HIST 1483	American History to 1865 (H)	
or HIST 1493	American History Since 1865 (DH)	
POLS 1113	American Government	3
<i>Analytical &amp; Quantitative Thought (A)</i>		
STAT 4013	Statistical Methods I (A) <sup>1</sup>	3
or STAT 2013	Elementary Statistics (A)	
MATH 1813	Preparation for Calculus (A) (or higher)	3
or MATH 1613	Trigonometry (A)	
<i>Humanities (H)</i>		
Courses designated (H)		6
<i>Natural Sciences (N)</i>		
Must include one Laboratory Science (L) course		
Select four hours from the following:		4
BIOL 1113	Introductory Biology (N)	
& BIOL 1111	and Introductory Biology Laboratory (LN) <sup>1</sup>	
BIOL 1114	Introductory Biology (LN)	
PHYS 1114	College Physics I (LN) <sup>1</sup>	4
<i>Social &amp; Behavioral Sciences (S)</i>		
Courses designated (S)		3
<i>Additional General Education</i>		
Courses designated (A), (H), (N), or (S)		6
<b>Hours Subtotal</b>		<b>41</b>
<b>Diversity (D) &amp; International Dimension (I)</b>		
May be completed in any part of the degree plan		
Select at least one Diversity (D) course		
Select at least one International Dimension (I) course		
<b>College/Departmental Requirements</b>		
<i>First Year Seminar</i>		
(Transfer students with 15 hours exempt)		1
<i>Arts &amp; Humanities</i>		

See note 2.a.		3
<i>Natural &amp; Mathematical Sciences</i>		
CHEM 1314	Chemistry I (LN)	4
CHEM 1515	Chemistry II (LN)	5
<i>Foreign Language</i>		
See note 3		
0-6 hours		
<i>Upper-Division General Education</i>		
Select 6 hours outside major department		
See note 2.c.		
<b>Hours Subtotal</b>		<b>13</b>
<b>Major Requirements</b>		
<i>Core Courses</i>		
BIOL 3023	General Genetics	3
BIOL 3034	General Ecology	4
BIOL 4133	Evolution	3
PBIO 1404	Plant Biology (LN)	4
PBIO 2403	Introduction to Plant Molecular Biology	3
PBIO 4005	Field Botany	4-5
or PBIO 3114	Plant Taxonomy	
PBIO 4400	Undergraduate Research	1
7 additional hours of PBIO courses.		7
Select one of the following:		5-8
CHEM 3013	Survey of Organic Chemistry	
& CHEM 3012	and Survey of Organic Chemistry Laboratory	
CHEM 3053	Organic Chemistry I	
& CHEM 3112	and Organic Chemistry Laboratory	
& CHEM 3153	and Organic Chemistry II	
<i>Related Courses</i>		
Minimum of 10-14 hours of upper-division coursework (no more than 3 hours of general education courses) from the following:		
BIOC; BIOL; CHEM; CS; ENTO; ENVR; GEOG; GEOL; HORT; MATH; MICR; NREM; PBIO; PHYS; PLNT; PLP; SOIL; or STAT.		
<b>Hours Subtotal</b>		<b>48</b>
<b>Electives</b>		
Select 18 hours		18
May need to include 6 hours of a foreign language (see note 3)		
May need to include 6 hours upper-division general education outside major department (see note 2.c.)		
<b>Hours Subtotal</b>		<b>18</b>
<b>Total Hours</b>		<b>120</b>

<sup>1</sup>

College and Departmental Requirements that may be used to meet General Education Requirements.

## Other Requirements

- See the College of Arts and Sciences Requirements.
- Minimum GPA of 2.00 in all PBIO courses.
- **Upper-Division Credit:** Total hours must include at least 40 hours in courses numbered 3000 or above.

- **Hours in One Department:** For B.A. and B.S. degrees, no more than 54 hours in one department may be applied to degree requirements.

## College of Arts and Sciences Requirements

### 1. General Education Requirements

No more than two courses (or eight hours) from the major department (<http://catalog.okstate.edu/college-arts-sciences-major-departments/>) may be used to meet General Education and College and Departmental Requirements. The General Education required English Composition, required U.S. History, required American Government, one required MATH or STAT course, and required foreign language for B.A. degrees do not count against the two-course maximum.

### 2. A&S College/Departmental Requirements

- Arts and Humanities are defined as any course carrying an (H) designation or courses from AMST, ART, DANC, ENGL (except ENGL 3323 Technical Writing) HIST, MUSI, PHIL (except PHIL 1313 Logic and Critical Thinking (A), PHIL 3003 Symbolic Logic (A) and PHIL 4003 Mathematical Logic and Computability), REL, TH, and foreign languages.
- Natural and Mathematical Sciences are defined as any course from the following prefixes: ASTR, BIOC, BIOL, CHEM, CS (except CS 4883 Social Issues in Computing), GEOL, MATH, MICR, PBIO, PHYS, and STAT; or courses from other departments that carry an (A) or (N) general education designation.
- The required six hours of upper-division General Education may not include courses from the student's major department. This requirement may be satisfied by courses also used to satisfy any part of a student's degree program (i.e., in General Education, College Departmental Requirements, Major Requirements or Electives).
- Non-Western Studies Requirement for B.A. and B.F.A.; One 3-hour course in Non-Western Studies (N.W.). This requirement may be satisfied by courses also used to satisfy any part of a student's degree program (i.e., in General Education, College Departmental Requirements, Major Requirements or Electives).
- The College of Arts & Sciences requires a minimum 2.0 GPA in all major requirements and a minimum 2.0 GPA in all major-prefix courses applied to the degree.

### 3. Foreign Language Proficiency

- The foreign language requirement for the B.A. may be satisfied by 9 hours college credit in the same language, which must include 3 hours at the 2000-level, or equivalent proficiency (e.g., passing an advanced standing examination; TOEFL exam; presenting a high school transcript which demonstrates the high school was primarily conducted in a language other than English; etc.). Computer Science courses may not be used to satisfy this requirement. Currently Arabic and Mvskoke are not offered at the 2000-level at OSU.
- The foreign language requirement for the B.S., B.M. and B.F.A. may be satisfied by presenting a high school transcript which demonstrates two years of study of a single foreign language (passing grades at second-year level of study). It may also be satisfied by 6 hours college credit in the same language, which must include language courses 1713 and 1813, or equivalent proficiency (e.g., passing an advanced standing examination; TOEFL exam; presenting a high school transcript which demonstrates the high school was primarily conducted in

a language other than English; etc.). Computer Science courses may not be used to satisfy this requirement.

- In addition to a. and b., students pursuing teacher certification must meet novice-high foreign language proficiency by presenting a high school transcript which demonstrates two years of study of a single foreign language with no grade below B. Or, students may complete 3 hours college credit in a single language with no grade below C (or pass an advanced standing examination, College Level Examination Program (CLEP) exam, or Oral Proficiency Interview developed by the American Council on the Teaching of Foreign Languages, equivalent to 3 hours of college credit.) Or, students may meet the requirement by transfer of documentation of meeting the foreign language competency from one of the teacher education programs in the State of Oklahoma approved by the Oklahoma State Regents for Higher Education.

### 4. Exclusions

- Courses used to satisfy the General Education English Composition, U.S. History, American Government, and Mathematics or Statistics requirements will not count toward the 54-hour maximum allowed from one department.
- Courses with ATHL or LEIS prefixes and leisure activity courses may not be used for degree credit.

## Additional State/OSU Requirements

- At least: 60 hours at a four-year institution; 30 hours completed at OSU; 15 of the final 30 or 50% of the upper-division hours in the major field completed at OSU.
- Limit of: one-half of major course requirements as transfer work; one-fourth of hours earned by correspondence; 8 transfer correspondence hours.
- Students will be held responsible for degree requirements in effect at the time of matriculation and any changes that are made, so long as these changes do not result in semester credit hours being added or do not delay graduation.
- Degrees that follow this plan must be completed by the end of Summer 2028.

## Example Plan of Study

### Finish in Four Plan of Study

The plan below is an **example** of how students can successfully complete degree requirements in four years. This suggested class schedule plan may be used as a guide and can be adjusted based on individual needs. Students are required to meet with an academic advisor prior to enrollment each semester to plan their class schedule, and students are ultimately responsible for completing all degree requirements.

Course	Title	Hours
<b>Freshman</b>		
<b>Fall</b>		
A&S 1111	A&S First Year Seminar	1
ENGL 1113 or ENGL 1313	Composition I or Critical Analysis and Writing I	3
MATH 1813	Preparation for Calculus (A) (or higher)	3
PBIO 1404	Plant Biology (LN)	4
General Education and Elective courses		4
<b>Hours</b>		<b>15</b>
<b>Spring</b>		
BIOL 1113 & BIOL 1111	Introductory Biology (N) and Introductory Biology Laboratory (LN)	4

CHEM 1314	Chemistry I (LN)	4
ENGL 1213	Composition II	3
or ENGL 1413	or Critical Analysis and Writing II	
General Education courses		4
<b>Hours</b>		<b>15</b>
<b>Sophomore</b>		
<b>Fall</b>		
CHEM 1515	Chemistry II (LN)	5
MICR 2123	Introduction to Microbiology	3
MICR 2132	Introduction to Microbiology Laboratory	2
General Education and College courses		5
<b>Hours</b>		<b>15</b>
<b>Spring</b>		
CHEM 3013	Survey of Organic Chemistry	3
or CHEM 3053	or Organic Chemistry I	
CHEM 3012	Survey of Organic Chemistry Laboratory	2
PHYS 1114	College Physics I (LN)	4
STAT 4013	Statistical Methods I (A)	3
or STAT 2013	or Elementary Statistics (A)	
College and Major courses		3
<b>Hours</b>		<b>15</b>
<b>Junior</b>		
<b>Fall</b>		
BIOL 3034	General Ecology	4
PBIO 4005	Field Botany (or PBIO 3114 in spring)	5
Major, College, and Elective courses		6
Take CHEM 3112 and CHEM 3153 if completing CHEM 3053		
<b>Hours</b>		<b>15</b>
<b>Spring</b>		
BIOL 3023	General Genetics	3
PBIO 4400	Undergraduate Research	1
Major and Elective courses		11
Take PBIO 3114 if needed		
<b>Hours</b>		<b>15</b>
<b>Senior</b>		
<b>Fall</b>		
BIOL 4133	Evolution	3
Major and Elective courses		12
<b>Hours</b>		<b>15</b>
<b>Spring</b>		
Major and Elective courses		15
<b>Hours</b>		<b>15</b>
<b>Total Hours</b>		<b>120</b>

# Plant Biology: Pre-Forensics, BS

## Degree Requirements

**Requirements for Students Matriculating in or before Academic Year 2022-2023.** Learn more about University Academic Regulation 3.1 (p. 943).

**Minimum Overall Grade Point Average: 2.50**

**Total Hours: 120**

Code	Title	Hours
<b>General Education Requirements</b>		
<i>English Composition</i>		
See Academic Regulation 3.5 (p. 944)		
ENGL 1113	Composition I	3
or ENGL 1313	Critical Analysis and Writing I	
Select one from the following:		3
ENGL 1213	Composition II	
ENGL 1413	Critical Analysis and Writing II	
ENGL 3323	Technical Writing	
<i>American History &amp; Government</i>		
HIST 1103	Survey of American History	3
or HIST 1483	American History to 1865 (H)	
or HIST 1493	American History Since 1865 (DH)	
POLS 1113	American Government	3
<i>Analytical &amp; Quantitative Thought (A)</i>		
MATH 1813	Preparation for Calculus (A) (or higher) <sup>1</sup>	3
or MATH 1613	Trigonometry (A)	
STAT 4013	Statistical Methods I (A) <sup>1</sup>	3
or STAT 2013	Elementary Statistics (A)	
<i>Humanities (H)</i>		
Courses designated (H)		6
<i>Natural Sciences (N)</i>		
Must include one Laboratory Science (L) course.		
Select four hours from the following:		4
BIOL 1113	Introductory Biology (N)	
& BIOL 1111	and Introductory Biology Laboratory (LN) <sup>1</sup>	
BIOL 1114	Introductory Biology (LN) <sup>1</sup>	
PHYS 1114	College Physics I (LN) <sup>1</sup>	4
<i>Social &amp; Behavioral Sciences</i>		
Courses designated (S)		3
<i>Additional General Education</i>		
Courses designated (A), (H), (N), or (S)		6
<b>Hours Subtotal</b>		<b>41</b>
<b>Diversity (D) &amp; International Dimension (I)</b>		
May be completed in any part of the degree plan.		
At least one Diversity (D) course.		
At least one International Dimension (I) course.		
<b>College/Departmental Requirements</b>		
<i>First Year Seminar</i>		
(Transfer students with 15 hours exempt.)		1
<i>Arts &amp; Humanities</i>		
(See Note 2.a.)		3

### Natural & Mathematical Sciences

CHEM 1314	Chemistry I (LN)	4
CHEM 1515	Chemistry II (LN)	5

### Foreign Languages

0-6 hours (See note 3.)

### Upper-Division General Education

6 hours outside major department (See note 2.c.)

<b>Hours Subtotal</b>		<b>13</b>
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### Major Requirements

#### Core Courses:

BIOL 3023	General Genetics	3
BIOL 3034	General Ecology	4
BIOL 4133	Evolution	3
PBIO 1404	Plant Biology (LN)	4
PBIO 2403	Introduction to Plant Molecular Biology	3
PBIO 4013	Biological Microtechnique	3
PBIO 4400	Undergraduate Research (1 hour)	1
PBIO 4524	Biological Laboratory Instrumentation	4
CHEM 3053	Organic Chemistry I	3
CHEM 3112	Organic Chemistry Laboratory	2
CHEM 3153	Organic Chemistry II	3

7 additional hours of PBIO courses.

Pre-Forensics Courses (choose 12 hours from the following - may need to include 12 upper-division hours):

BIOC 3653	Survey of Biochemistry	
BIOC 3723	Biochemistry and Molecular Biology Laboratory	
CHEM 2113	Principles of Analytical Chemistry	
CHEM 2122	Quantitative Analysis Laboratory	
ENTO 4573	Introduction to Forensic Entomology	
MICR 2123	Introduction to Microbiology	
MICR 2132	Introduction to Microbiology Laboratory	
MICR 3033	Cell and Molecular Biology	
SOC 4333	Criminology (S)	
SOC 4733	Criminal Behavior Analysis	

<b>Hours Subtotal</b>		<b>52</b>
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### Electives

May need to include 6 hours of a foreign language (see note 3.).

May need to include 6 hours upper-division general education outside major department (see note 2.c.).

14 hours of Electives

Recommended courses:

PBIO 3114	Plant Taxonomy	
PBIO 3553	Fungi: Myths and More	
PBIO 4005	Field Botany	
SOC 4733	Criminal Behavior Analysis	
SOC 4753	Advanced Forensics	

<b>Hours Subtotal</b>		<b>14</b>
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<b>Total Hours</b>		<b>120</b>
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1

College and Departmental Requirements that may be used to meet General Education Requirements.

## Other Requirements

- See the College of Arts and Sciences Requirements.
- Minimum GPA of 2.00 in all PBIO courses.
- **Upper-Division Credit:** Total hours must include at least 40 hours in courses numbered 3000 or above.
- **Hours in One Department:** For B.A. and B.S. degrees, no more than 54 hours in one department may be applied to degree requirements.

## College of Arts and Sciences Requirements

### 1. General Education Requirements

No more than two courses (or eight hours) from the major department (<http://catalog.okstate.edu/college-arts-sciences-major-departments/>) may be used to meet General Education and College and Departmental Requirements. The General Education required English Composition, required U.S. History, required American Government, one required MATH or STAT course, and required foreign language for B.A. degrees do not count against the two-course maximum.

### 2. A&S College/Departmental Requirements

- Arts and Humanities are defined as any course carrying an (H) designation or courses from AMST, ART, DANC, ENGL (except ENGL 3323 Technical Writing) HIST, MUSI, PHIL (except PHIL 1313 Logic and Critical Thinking (A), PHIL 3003 Symbolic Logic (A) and PHIL 4003 Mathematical Logic and Computability), REL, TH, and foreign languages.
- Natural and Mathematical Sciences are defined as any course from the following prefixes: ASTR, BIOC, BIOL, CHEM, CS (except CS 4883 Social Issues in Computing), GEOL, MATH, MICR, PBIO, PHYS, and STAT; or courses from other departments that carry an (A) or (N) general education designation.
- The required six hours of upper-division General Education may not include courses from the student's major department. This requirement may be satisfied by courses also used to satisfy any part of a student's degree program (i.e., in General Education, College Departmental Requirements, Major Requirements or Electives).
- Non-Western Studies Requirement for B.A. and B.F.A.; One 3-hour course in Non-Western Studies (N.W.). This requirement may be satisfied by courses also used to satisfy any part of a student's degree program (i.e., in General Education, College Departmental Requirements, Major Requirements or Electives).
- The College of Arts & Sciences requires a minimum 2.0 GPA in all major requirements and a minimum 2.0 GPA in all major-prefix courses applied to the degree.

### 3. Foreign Language Proficiency

- The foreign language requirement for the B.A. may be satisfied by 9 hours college credit in the same language, which must include 3 hours at the 2000-level, or equivalent proficiency (e.g., passing an advanced standing examination; TOEFL exam; presenting a high school transcript which demonstrates the high school was primarily conducted in a language other than English; etc.). Computer Science courses may not be used to satisfy this requirement. Currently Arabic and Mvskoke are not offered at the 2000-level at OSU.
- The foreign language requirement for the B.S., B.M. and B.F.A. may be satisfied by presenting a high school transcript which demonstrates two years of study of a single foreign language

(passing grades at second-year level of study). It may also be satisfied by 6 hours college credit in the same language, which must include language courses 1713 and 1813, or equivalent proficiency (e.g., passing an advanced standing examination; TOEFL exam; presenting a high school transcript which demonstrates the high school was primarily conducted in a language other than English; etc.). Computer Science courses may not be used to satisfy this requirement.

- In addition to a. and b., students pursuing teacher certification must meet novice-high foreign language proficiency by presenting a high school transcript which demonstrates two years of study of a single foreign language with no grade below B. Or, students may complete 3 hours college credit in a single language with no grade below C (or pass an advanced standing examination, College Level Examination Program (CLEP) exam, or Oral Proficiency Interview developed by the American Council on the Teaching of Foreign Languages, equivalent to 3 hours of college credit.) Or, students may meet the requirement by transfer of documentation of meeting the foreign language competency from one of the teacher education programs in the State of Oklahoma approved by the Oklahoma State Regents for Higher Education.

### 4. Exclusions

- Courses used to satisfy the General Education English Composition, U.S. History, American Government, and Mathematics or Statistics requirements will not count toward the 54-hour maximum allowed from one department.
- Courses with ATHL or LEIS prefixes and leisure activity courses may not be used for degree credit.

## Additional State/OSU Requirements

- At least: 60 hours at a four-year institution; 30 hours completed at OSU; 15 of the final 30 or 50% of the upper-division hours in the major field completed at OSU.
- Limit of: one-half of major course requirements as transfer work; one-fourth of hours earned by correspondence; 8 transfer correspondence hours.
- Students will be held responsible for degree requirements in effect at the time of matriculation and any changes that are made, so long as these changes do not result in semester credit hours being added or do not delay graduation.
- Degrees that follow this plan must be completed by the end of Summer 2028.

## Example Plan of Study

### Finish in Four Plan of Study

The plan below is an **example** of how students can successfully complete degree requirements in four years. This suggested class schedule plan may be used as a guide and can be adjusted based on individual needs. Students are required to meet with an academic advisor prior to enrollment each semester to plan their class schedule, and students are ultimately responsible for completing all degree requirements.

Course	Title	Hours
<b>Freshman</b>		
<b>Fall</b>		
A&S 1111	A&S First Year Seminar	1
ENGL 1113 or ENGL 1313	Composition I or Critical Analysis and Writing I	3



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MATH 1813	Preparation for Calculus (A)	3
PBIO 1404	Plant Biology (LN)	4
General Education courses		4
<b>Hours</b>		<b>15</b>
<b>Spring</b>		
ENGL 1213 or ENGL 1413	Composition II or Critical Analysis and Writing II	3
BIOL 1113 & BIOL 1111	Introductory Biology (N) and Introductory Biology Laboratory (LN)	4
CHEM 1314	Chemistry I (LN)	4
General Education courses		4
<b>Hours</b>		<b>15</b>
<b>Sophomore</b>		
<b>Fall</b>		
CHEM 1515	Chemistry II (LN)	5
MICR 2123 or MICR 3033	Introduction to Microbiology or Cell and Molecular Biology	3
General Education courses		7
<b>Hours</b>		<b>15</b>
<b>Spring</b>		
CHEM 3053	Organic Chemistry I	3
BIOL 3034	General Ecology	4
PBIO 2403	Introduction to Plant Molecular Biology	3
Major and College courses		5
<b>Hours</b>		<b>15</b>
<b>Junior</b>		
<b>Fall</b>		
CHEM 3153	Organic Chemistry II	3
CHEM 3112	Organic Chemistry Laboratory	2
Major, College, and Elective courses		10
<b>Hours</b>		<b>15</b>
<b>Spring</b>		
BIOL 3023	General Genetics	3
PBIO 4400	Undergraduate Research	1
STAT 4013 or STAT 2013	Statistical Methods I (A) or Elementary Statistics (A)	3
Major, College, and Elective courses		9
<b>Hours</b>		<b>16</b>
<b>Senior</b>		
<b>Fall</b>		
BIOL 4133	Evolution	3
PBIO 4524	Biological Laboratory Instrumentation	4
Major, College, and Elective courses		7
<b>Hours</b>		<b>14</b>
<b>Spring</b>		
PBIO 4013	Biological Microtechnique	3
Major, College, and Elective courses		12
<b>Hours</b>		<b>15</b>
<b>Total Hours</b>		<b>120</b>

# Plant Biology: Pre-Law Environmental Policy, BS

## Degree Requirements

**Requirements for Students Matriculating in or before Academic Year 2022-2023.** Learn more about University Academic Regulation 3.1 (p. 943).

**Minimum Overall Grade Point Average: 2.00**

**Total Hours: 120**

Code	Title	Hours
<b>General Education Requirements</b>		
<i>English Composition</i>		
See Academic Regulation 3.5 (p. 944)		
ENGL 1113 or ENGL 1313	Composition I Critical Analysis and Writing I	3
ENGL 1213 or ENGL 1413 or ENGL 3323	Composition II Critical Analysis and Writing II Technical Writing	3
<i>American History &amp; Government</i>		
HIST 1103 or HIST 1483 or HIST 1493	Survey of American History American History to 1865 (H) American History Since 1865 (DH)	3
POLS 1113	American Government	3
<i>Analytical &amp; Quantitative Thought (A)</i>		
MATH 1513	College Algebra (A) (or higher) <sup>1</sup>	3
PHIL 1313	Logic and Critical Thinking (A) <sup>1</sup>	3
<i>Humanities (H)</i>		
Courses designated (H)		6
<i>Natural Sciences (N)</i>		
Must include one Laboratory Science (L) course.		
PHYS 1114	College Physics I (LN) <sup>1</sup>	4
Select four hours from the following:		4
BIOL 1113 & BIOL 1111 BIOL 1114	Introductory Biology (N) and Introductory Biology Laboratory (LN) <sup>1</sup> Introductory Biology (LN) <sup>1</sup>	
<i>Social &amp; Behavioral Sciences (S)</i>		
SPCH 2713	Introduction to Speech Communication (S) <sup>1</sup>	3
<i>Additional General Education</i>		
Courses designated (A), (H), (N), or (S)		9
<b>Hours Subtotal</b>		<b>44</b>
<b>Diversity (D) &amp; International Dimension (I)</b>		
May be completed in any part of the degree plan.		
At least one Diversity (D) course		
At least one International Dimension (I) course		
<b>College/Departmental Requirements</b>		
<i>First Year Seminar</i>		
(Transfer students with 15 hours exempt)		1
<i>Arts &amp; Humanities</i>		
(See note 2.a.)		3
<i>Natural &amp; Mathematical Sciences</i>		

CHEM 1314	Chemistry I (LN)	4
CHEM 1515	Chemistry II (LN)	5

### Foreign Languages

(See note 3.)

0-6 hours

### Upper-Division General Education

6 hours outside major department

(See note 2.c.)

**Hours Subtotal 13**

### Major Requirements

#### Core Courses:

BIOL 3023	General Genetics	3
BIOL 3034	General Ecology	4
BIOL 4133	Evolution	3
CHEM 3013 & CHEM 3012	Survey of Organic Chemistry and Survey of Organic Chemistry Laboratory	5
PBIO 1404	Plant Biology (LN)	4
PBIO 4400	Undergraduate Research	1
7 additional hours of PBIO courses		7

#### Pre-Law Courses:

9 hours from the following:		
AGEC 1113	Introduction to Agricultural Economics (S)	
AGEC 3713	Agricultural Law	
AMIS 2013	Introduction to American Indian Studies (D)	
LSB 1113	Law in Society	
LSB 3213	Legal and Regulatory Environment of Business	
PHIL 3003	Symbolic Logic (A)	
PHIL 3843	Philosophy of Law (H)	
POLS 2023	The Individual And The Law	
POLS 3523	Money, Media And Politics	
POLS 3533	Lobbying: the Art of Influence and Manipulation	
POLS 4363	Environmental Law And Policy	
POLS 4593	Natural Resources and Environmental Policy	
SOC 4743	Criminalistics: Introduction to Forensic Sciences	

#### Related Courses:

Minimum of 9 hours of upper-division coursework (no more than 3 hours of general education courses) from the following:

BIOC; BIOL; CHEM; CS; ENTO; ENVR; GEOG; GEOL; HORT; MATH; MICR; NREM; PBIO; PHYS; PLNT; PLP; SOIL; or STAT.

**Hours Subtotal 45**

Electives 18

May need to include 6 hours of a foreign language (see note 3.).

May need to include 6 hours upper-division general education outside major department (see note 2.c.).

Additional requirement dependent on law school.

**Hours Subtotal 18**

**Total Hours 120**

## Other Requirements

- See the College of Arts and Sciences Requirements.
- Minimum GPA of 2.00 in all P BIO courses.
- **Upper-Division Credit:** Total hours must include at least 40 hours in courses numbered 3000 or above.
- **Hours in One Department:** For B.A. and B.S. degrees, no more than 54 hours in one department may be applied to degree requirements.

## College of Arts and Sciences Requirements

### 1. General Education Requirements

No more than two courses (or eight hours) from the major department (<http://catalog.okstate.edu/college-arts-sciences-major-departments/>) may be used to meet General Education and College and Departmental Requirements. The General Education required English Composition, required U.S. History, required American Government, one required MATH or STAT course, and required foreign language for B.A. degrees do not count against the two-course maximum.

### 2. A&S College/Departmental Requirements

- Arts and Humanities are defined as any course carrying an (H) designation or courses from AMST, ART, DANC, ENGL (except ENGL 3323 Technical Writing) HIST, MUSI, PHIL (except PHIL 1313 Logic and Critical Thinking (A), PHIL 3003 Symbolic Logic (A) and PHIL 4003 Mathematical Logic and Computability), REL, TH, and foreign languages.
- Natural and Mathematical Sciences are defined as any course from the following prefixes: ASTR, BIOC, BIOL, CHEM, CS (except CS 4883 Social Issues in Computing), GEOL, MATH, MICR, P BIO, PHYS, and STAT; or courses from other departments that carry an (A) or (N) general education designation.
- The required six hours of upper-division General Education may not include courses from the student's major department. This requirement may be satisfied by courses also used to satisfy any part of a student's degree program (i.e., in General Education, College Departmental Requirements, Major Requirements or Electives).
- Non-Western Studies Requirement for B.A. and B.F.A.; One 3-hour course in Non-Western Studies (N.W.). This requirement may be satisfied by courses also used to satisfy any part of a student's degree program (i.e., in General Education, College Departmental Requirements, Major Requirements or Electives).
- The College of Arts & Sciences requires a minimum 2.0 GPA in all major requirements and a minimum 2.0 GPA in all major-prefix courses applied to the degree.

### 3. Foreign Language Proficiency

- The foreign language requirement for the B.A. may be satisfied by 9 hours college credit in the same language, which must include 3 hours at the 2000-level, or equivalent proficiency (e.g., passing an advanced standing examination; TOEFL exam; presenting a high school transcript which demonstrates the high school was primarily conducted in a language other than English; etc.). Computer Science courses may not be used to satisfy this requirement. Currently Arabic and Mvskoke are not offered at the 2000-level at OSU.
- The foreign language requirement for the B.S., B.M. and B.F.A. may be satisfied by presenting a high school transcript which demonstrates two years of study of a single foreign language

(passing grades at second-year level of study). It may also be satisfied by 6 hours college credit in the same language, which must include language courses 1713 and 1813, or equivalent proficiency (e.g., passing an advanced standing examination; TOEFL exam; presenting a high school transcript which demonstrates the high school was primarily conducted in a language other than English; etc.). Computer Science courses may not be used to satisfy this requirement.

- In addition to a. and b., students pursuing teacher certification must meet novice-high foreign language proficiency by presenting a high school transcript which demonstrates two years of study of a single foreign language with no grade below B. Or, students may complete 3 hours college credit in a single language with no grade below C (or pass an advanced standing examination, College Level Examination Program (CLEP) exam, or Oral Proficiency Interview developed by the American Council on the Teaching of Foreign Languages, equivalent to 3 hours of college credit.) Or, students may meet the requirement by transfer of documentation of meeting the foreign language competency from one of the teacher education programs in the State of Oklahoma approved by the Oklahoma State Regents for Higher Education.

### 4. Exclusions

- Courses used to satisfy the General Education English Composition, U.S. History, American Government, and Mathematics or Statistics requirements will not count toward the 54-hour maximum allowed from one department.
- Courses with ATHL or LEIS prefixes and leisure activity courses may not be used for degree credit.

## Additional State/OSU Requirements

- At least: 60 hours at a four-year institution; 30 hours completed at OSU; 15 of the final 30 or 50% of the upper-division hours in the major field completed at OSU.
- Limit of: one-half of major course requirements as transfer work; one-fourth of hours earned by correspondence; 8 transfer correspondence hours.
- Students will be held responsible for degree requirements in effect at the time of matriculation and any changes that are made, so long as these changes do not result in semester credit hours being added or do not delay graduation.
- Degrees that follow this plan must be completed by the end of Summer 2028.

## Example Plan of Study

### Finish in Four Plan of Study

The plan below is an **example** of how students can successfully complete degree requirements in four years. This suggested class schedule plan may be used as a guide and can be adjusted based on individual needs. Students are required to meet with an academic advisor prior to enrollment each semester to plan their class schedule, and students are ultimately responsible for completing all degree requirements.

Course	Title	Hours
<b>Freshman</b>		
<b>Fall</b>		
A&S 1111	A&S First Year Seminar	1
ENGL 1113 or ENGL 1313	Composition I or Critical Analysis and Writing I	3

MATH 1513	College Algebra (A)	3
PBIO 1404	Plant Biology (LN)	4
General Education courses		4
<b>Hours</b>		<b>15</b>
<b>Spring</b>		
ENGL 1213 or ENGL 1413	Composition II or Critical Analysis and Writing II	3
BIOL 1113 & BIOL 1111	Introductory Biology (N) and Introductory Biology Laboratory (LN)	4
CHEM 1314	Chemistry I (LN)	4
General Education courses		4
<b>Hours</b>		<b>15</b>
<b>Sophomore</b>		
<b>Fall</b>		
CHEM 1515	Chemistry II (LN)	5
PHIL 1313	Logic and Critical Thinking (A)	3
General Education courses		7
<b>Hours</b>		<b>15</b>
<b>Spring</b>		
CHEM 3013	Survey of Organic Chemistry	3
CHEM 3012	Survey of Organic Chemistry Laboratory	2
BIOL 3034	General Ecology	4
Major and College courses		6
<b>Hours</b>		<b>15</b>
<b>Junior</b>		
<b>Fall</b>		
PHYS 1114	College Physics I (LN)	4
Major, College, and Elective courses		11
<b>Hours</b>		<b>15</b>
<b>Spring</b>		
BIOL 3023	General Genetics	3
PBIO 4400	Undergraduate Research	1
Major courses		11
<b>Hours</b>		<b>15</b>
<b>Senior</b>		
<b>Fall</b>		
BIOL 4133	Evolution	3
Major courses		12
<b>Hours</b>		<b>15</b>
<b>Spring</b>		
Major, College, and Elective courses		15
<b>Hours</b>		<b>15</b>
<b>Total Hours</b>		<b>120</b>

## Plant Biology: Pre-Pharmacy, BS

### Degree Requirements

**Requirements for Students Matriculating in or before Academic Year 2022-2023.** Learn more about University Academic Regulation 3.1 (p. 943).

**Minimum Overall Grade Point Average: 2.5**

**Total Hours: 120**

Code	Title	Hours
<b>General Education Requirements</b>		
<i>English Composition</i>		
See Academic Regulation 3.5 (p. 944)		
ENGL 1113	Composition I	3
or ENGL 1313	Critical Analysis and Writing I	
ENGL 1213	Composition II	3
or ENGL 1413	Critical Analysis and Writing II	
or ENGL 3323	Technical Writing	
<i>American History &amp; Government</i>		
HIST 1103	Survey of American History	3
or HIST 1483	American History to 1865 (H)	
or HIST 1493	American History Since 1865 (DH)	
POLS 1113	American Government	3
<i>Analytical &amp; Quantitative Thought (A)</i>		
MATH 2144	Calculus I (A)	4
<i>Humanities (H)</i>		
Courses designated (H)		
6		
<i>Natural Sciences (N)</i>		
Must include one Laboratory Science (L) course.		
PHYS 1114	College Physics I (LN) <sup>1</sup>	4
PHYS 1214	College Physics II (LN) <sup>1</sup>	4
<i>Social &amp; Behavioral Sciences (S)</i>		
SPCH 2713	Introduction to Speech Communication (S)	3
<i>Additional General Education</i>		
Courses designated (A), (H), (N), or (S)		
8		
<b>Hours Subtotal</b>		<b>41</b>
<b>Diversity (D) &amp; International Dimension (I)</b>		
May be completed in any part of the degree plan.		
At least one Diversity (D) course		
At least one International Dimension (I) course		
<b>College/Departmental Requirements</b>		
<i>First Year Seminar</i>		
(Transfer students with 15 hours exempt)		
1		
<i>Arts &amp; Humanities</i>		
(See note 2.a.)		
3		
<i>Natural &amp; Mathematical Sciences</i>		
CHEM 1314	Chemistry I (LN)	4
CHEM 1515	Chemistry II (LN)	5
<i>Foreign Languages</i>		
(See note 3.)		
0-6 hours		

#### Upper-Division General Education

6 hours outside major department

(See note 2.c.)

**Hours Subtotal** **13**

#### Major Requirements

##### Core Courses:

BIOL 1113	Introductory Biology (N)	4
& BIOL 1111	and Introductory Biology Laboratory (LN)	
or BIOL 1114	Introductory Biology (LN)	
BIOL 1604	Animal Biology	4
BIOL 3023	General Genetics	3
BIOL 3214	Human Anatomy	4
BIOL 4133	Evolution	3
BIOC 3653	Survey of Biochemistry	3
CHEM 3053	Organic Chemistry I	3
CHEM 3112	Organic Chemistry Laboratory	2
CHEM 3153	Organic Chemistry II	3
MICR 2132	Introduction to Microbiology Laboratory	2
MICR 2123	Introduction to Microbiology	3
MICR 3033	Cell and Molecular Biology	3
PBIO 1404	Plant Biology (LN)	4
PBIO 2403	Introduction to Plant Molecular Biology	3
PBIO 3273	Medical Botany (N)	3
PBIO 4400	Undergraduate Research	1
PBIO 4654	Plant Secondary Metabolism	4
7 additional hours of PBIO courses		7

**Hours Subtotal** **59**

**Electives** **7**

May need to include 6 hours of a foreign language

May need to include 6 hours upper-division general education outside major department (see note 2.c.)

MATH 1513 and MATH 1813 required for students who do not place directly into MATH 2144

Additional requirements dependent on pharmacy school

**Hours Subtotal** **7**

**Total Hours** **120**

### Other Requirements:

- See College of Arts & Sciences Requirements.
- Minimum GPA of 2.00 in all PBIO courses.
- **Upper-Division Credit:** Total hours must include at least 40 hours in courses numbered 3000 or above.
- **Hours in One Department:** For B.A. and B.S. degrees, no more than 54 hours in one department may be applied to degree requirements.

### College of Arts and Sciences Requirements

#### 1. General Education Requirements

No more than two courses (or eight hours) from the major department (<http://catalog.okstate.edu/college-arts-sciences-major-departments/>) may be used to meet General Education and College and Departmental Requirements. The General Education required English Composition, required U.S. History, required American

Government, one required MATH or STAT course, and required foreign language for B.A. degrees do not count against the two-course maximum.

## 2. A&S College/Departmental Requirements

- Arts and Humanities are defined as any course carrying an (H) designation or courses from AMST, ART, DANC, ENGL (except ENGL 3323 Technical Writing) HIST, MUSI, PHIL (except PHIL 1313 Logic and Critical Thinking (A), PHIL 3003 Symbolic Logic (A) and PHIL 4003 Mathematical Logic and Computability), REL, TH, and foreign languages.
- Natural and Mathematical Sciences are defined as any course from the following prefixes: ASTR, BIOC, BIOL, CHEM, CS (except CS 4883 Social Issues in Computing), GEOL, MATH, MICR, PBIO, PHYS, and STAT; or courses from other departments that carry an (A) or (N) general education designation.
- The required six hours of upper-division General Education may not include courses from the student's major department. This requirement may be satisfied by courses also used to satisfy any part of a student's degree program (i.e., in General Education, College Departmental Requirements, Major Requirements or Electives).
- Non-Western Studies Requirement for B.A. and B.F.A.; One 3-hour course in Non-Western Studies (N.W.). This requirement may be satisfied by courses also used to satisfy any part of a student's degree program (i.e., in General Education, College Departmental Requirements, Major Requirements or Electives).
- The College of Arts & Sciences requires a minimum 2.0 GPA in all major requirements and a minimum 2.0 GPA in all major-prefix courses applied to the degree.

## 3. Foreign Language Proficiency

- The foreign language requirement for the B.A. may be satisfied by 9 hours college credit in the same language, which must include 3 hours at the 2000-level, or equivalent proficiency (e.g., passing an advanced standing examination; TOEFL exam; presenting a high school transcript which demonstrates the high school was primarily conducted in a language other than English; etc.). Computer Science courses may not be used to satisfy this requirement. Currently Arabic and Mvskoke are not offered at the 2000-level at OSU.
- The foreign language requirement for the B.S., B.M. and B.F.A. may be satisfied by presenting a high school transcript which demonstrates two years of study of a single foreign language (passing grades at second-year level of study). It may also be satisfied by 6 hours college credit in the same language, which must include language courses 1713 and 1813, or equivalent proficiency (e.g., passing an advanced standing examination; TOEFL exam; presenting a high school transcript which demonstrates the high school was primarily conducted in a language other than English; etc.). Computer Science courses may not be used to satisfy this requirement.
- In addition to a. and b., students pursuing teacher certification must meet novice-high foreign language proficiency by presenting a high school transcript which demonstrates two years of study of a single foreign language with no grade below B. Or, students may complete 3 hours college credit in a single language with no grade below C (or pass an advanced standing examination, College Level Examination Program (CLEP) exam, or Oral Proficiency Interview developed by the American Council on the Teaching of Foreign Languages, equivalent to 3 hours of college credit.) Or, students may meet the requirement by transfer

of documentation of meeting the foreign language competency from one of the teacher education programs in the State of Oklahoma approved by the Oklahoma State Regents for Higher Education.

## 4. Exclusions

- Courses used to satisfy the General Education English Composition, U.S. History, American Government, and Mathematics or Statistics requirements will not count toward the 54-hour maximum allowed from one department.
- Courses with ATHL or LEIS prefixes and leisure activity courses may not be used for degree credit.

## Additional State/OSU Requirements

- At least: 60 hours at a four-year institution; 30 hours completed at OSU; 15 of the final 30 or 50% of the upper-division hours in the major field completed at OSU.
- Limit of: one-half of major course requirements as transfer work; one-fourth of hours earned by correspondence; 8 transfer correspondence hours.
- Students will be held responsible for degree requirements in effect at the time of matriculation and any changes that are made, so long as these changes do not result in semester credit hours being added or do not delay graduation.
- Degrees that follow this plan must be completed by the end of Summer 2028.

## Example Plan of Study

### Finish in Four Plan of Study

The plan below is an **example** of how students can successfully complete degree requirements in four years. This suggested class schedule plan may be used as a guide and can be adjusted based on individual needs. Students are required to meet with an academic advisor prior to enrollment each semester to plan their class schedule, and students are ultimately responsible for completing all degree requirements.

Course	Title	Hours
<b>Freshman</b>		
<b>Fall</b>		
A&S 1111	A&S First Year Seminar	1
CHEM 1314	Chemistry I (LN)	4
ENGL 1113 or ENGL 1313	Composition I or Critical Analysis and Writing I	3
MATH 2144	Calculus I (A)	4
PBIO 1404	Plant Biology (LN)	4
<b>Hours</b>		<b>16</b>
<b>Spring</b>		
BIOL 1113 & BIOL 1111	Introductory Biology (N) and Introductory Biology Laboratory (LN)	4
ENGL 1213 or ENGL 1413	Composition II or Critical Analysis and Writing II	3
CHEM 1515	Chemistry II (LN)	5
General Education courses		3
<b>Hours</b>		<b>15</b>
<b>Sophomore</b>		
<b>Fall</b>		
BIOL 1604	Animal Biology	4
CHEM 3053	Organic Chemistry I	3
MICR 2123	Introduction to Microbiology	3
MICR 2132	Introduction to Microbiology Laboratory	2



General Education courses		3
<b>Hours</b>		<b>15</b>
<b>Spring</b>		
CHEM 3153	Organic Chemistry II	3
CHEM 3112	Organic Chemistry Laboratory	2
PBIO 2403	Introduction to Plant Molecular Biology	3
PBIO 3273	Medical Botany (N)	3
Major, College, General Education courses		4
<b>Hours</b>		<b>15</b>
<b>Junior</b>		
<b>Fall</b>		
BIOC 3653	Survey of Biochemistry	3
MICR 3033	Cell and Molecular Biology	3
PHYS 1114	College Physics I (LN)	4
Major, College, and Elective courses		5
<b>Hours</b>		<b>15</b>
<b>Spring</b>		
BIOL 3023	General Genetics	3
PBIO 4400	Undergraduate Research	1
PHYS 1214	College Physics II (LN)	4
Major courses		7
<b>Hours</b>		<b>15</b>
<b>Senior</b>		
<b>Fall</b>		
BIOL 4133	Evolution	3
Major and Elective courses		12
<b>Hours</b>		<b>15</b>
<b>Spring</b>		
BIOL 3214	Human Anatomy	4
PBIO 4654	Plant Secondary Metabolism	4
Major and Elective courses		6
<b>Hours</b>		<b>14</b>
<b>Total Hours</b>		<b>120</b>

## Political Science

Political Science is, on the one hand, an ancient discipline with roots in Plato and Aristotle, and on the other, it is one of the most recent of the social sciences with roots in the early twentieth century. Political scientists study political institutions, the political behavior of individuals and groups, the formulation of public policy, the relations among states, and also enduring moral issues, such as what is justice and how leaders should be chosen. Political science, by its very nature, blends normative and empirical issues. Questions about democracy, participation, justice and representation have both empirical and evaluative components. The discipline attempts to understand who participates in the political process and, when they do not, what it means for society. A major in Political Science offers the student a front row seat in the analysis of these questions. The principal fields of study in Political Science are political theory, public law, comparative politics, international relations, public administration and American politics. Students may pursue the Bachelor of Arts or the Bachelor of Science degree in Political Science with a concentration in any of the fields of study. The department also offers Bachelor of Arts or Bachelor of Science Political Science degree options in Pre-Law, Global Politics, and Campaigning, Lobby and Policymaking. In addition to the required political science classes, courses numbered 3000 or above from the usual accepted areas of economics, English, foreign languages and literature, geography, history, philosophy, psychology, religion or sociology, and any other upper-division courses are necessary to reach the required hours of the degree option. The minimum GPA is 2.50 with a minimum grade of "C" in all upper-division political science and related upper-division coursework. Additional flexibility in the degree program is offered through internships, and opportunities to work with professors in developing independent study courses in areas where the department may not offer regular coursework. Students may also pursue political science as a second degree, or as a minor to complement other areas of study. In addition to the minor in Political Science, the department also offers minors in Campaigns and Lobbying, Intelligence and Security Analysis, and Law and Legal studies. The required GPA for a minor is 2.50.

The political science major prepares students for a wide range of local, state, national and international careers, in and around government. It also provides preparation for admission to law school; teaching at the secondary level; urban and regional planning; political journalism; the conduct and analysis of foreign policy; and for graduate study in political science. At a more general level, political science has great career versatility for students. While the major does focus on the subject matter of government and politics, it also develops students' skills in critical analysis, written and oral communications, leadership and judgment. Such skills, prepare students for a wide range of options throughout their professional lives.

## Courses

### POLS 1010 Studies in American Government

**Description:** Special study in American government to allow transfer students to fulfill general education requirements as established by Regents' policy. Offered for variable credit, 1-2 credit hours, maximum of 2 credit hours.

**Credit hours:** 1-2

**Contact hours:** Contact: 1-2 Other: 1-2

**Levels:** Undergraduate

**Schedule types:** Independent Study

**Department/School:** Political Science

### POLS 1113 American Government

**Description:** Organization, processes and functions of the national government of the United States. Satisfies, with HIST 1103 or 1483 or 1493, the State Regents requirement of six credit hours of American history and American government before graduation. Previously offered as POLS 1013.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Political Science

### POLS 2000 Topics in American Politics (S)

**Description:** Introductory examination of timely topics and issues in American Politics. May be repeated with different topics. Offered for fixed credit, 3 credit hours, maximum of 6 credit hours.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Political Science

**General Education and other Course Attributes:** Social & Behavioral Sciences

### POLS 2010 Topics in International Relations (I)

**Description:** Introductory examination of timely topics and issues in International Relations. May be repeated with different topics. Offered for fixed credit, 3 credit hours, maximum of 6 credit hours.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Political Science

### POLS 2013 Introduction to International Relations (S)

**Description:** Analysis and explanation of the political, economic, and social relationships that exist between countries. Broad topics include major actors in international relations, the role of power on the global stage, interstate and civil conflict, cooperation, and economic security. The assumptions of major international relations theories, such as realism and liberalism, are explained. Previously offered as POLS 3013.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Political Science

**General Education and other Course Attributes:** Social & Behavioral Sciences

### POLS 2020 Topics in Public Law (S)

**Description:** Introductory examination of timely topics and issues in Public Law. Maybe repeated with different topics. Offered for fixed credit, 3 credit hours, maximum of 6 credit hours.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Political Science

**General Education and other Course Attributes:** Social & Behavioral Sciences

**POLS 2023 The Individual And The Law**

**Description:** Introduction to the U.S. Constitution, legal reasoning, legal research techniques, and topical issues of U.S. public law.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Political Science

**POLS 2030 Topics in Public Policy & Administration**

**Description:** Introductory examination of timely topics and issues in Public Policy and Administration. May be repeated with different topics. Offered for fixed credit, 3 credit hours, maximum of 6 credit hours.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Political Science

**POLS 2033 Introduction to Public Administration**

**Description:** Public administration, including administration, administrative organization, decision-making, governmental public relations and administrative responsibilities.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Political Science

**POLS 2110 Topics in Comparative Politics (I)**

**Description:** Introductory examination of timely topics and issues in Comparative Politics. May be repeated with different topics. Offered for fixed credit, 3 credit hours, maximum of 6 credit hours.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Political Science

**General Education and other Course Attributes:** International Dimension

**POLS 2113 Introduction to Comparative Politics (IS)**

**Description:** A study of the domestic politics, society, and economies in countries around the world.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Political Science

**General Education and other Course Attributes:** International Dimension, Social & Behavioral Sciences

**POLS 2213 Fundamentals of Political Science**

**Description:** This course provides an overview of Political Science as a field of study, and it provides students with basic research literacy and other skills essential to success as a Political Science major.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Political Science

**POLS 2313 Social Justice Politics (D)**

**Description:** This course examines race, ethnicity, class, gender, sexuality, religion, age, ability, and in a number of realms, particularly the political. Specific social justice issues discussed include immigration reform, religious accommodations in the workplace, the gender gap in wages and political office holding, income and wealth inequality, racial and ethnic discrimination, same-sex marriage, ageism and disability access.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Political Science

**General Education and other Course Attributes:** Diversity

**POLS 2890 Honors Experience in Political Science**

**Prerequisites:** Honors Program participation and concurrent enrollment in a designated Political Science course.

**Description:** A supplemental Honors experience in Political Science to partner concurrently with designated Political Science course(s). This course adds a different intellectual dimension to the designated course(s). Offered for fixed credit, 3 credit hours, maximum of 6 credit hours.

**Credit hours:** 1

**Contact hours:** Lecture: 1 Contact: 1

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Political Science

**General Education and other Course Attributes:** Honors Credit

**POLS 2993 Honors Tutorial in Political Science**

**Prerequisites:** POLS 1113. Honors standing, and invitation by head of department.

**Description:** For the special needs of the sophomore-level honors student majoring in political science who wishes to study individualized topics at an accelerated pace in a tutorial format. After mastering basic principles in an area of interest the student will conduct independent research under close faculty supervision and prepare a report or reports.

**Credit hours:** 3

**Contact hours:** Contact: 3 Other: 3

**Levels:** Undergraduate

**Schedule types:** Independent Study

**Department/School:** Political Science

**POLS 3003 The Soviet Union: History, Society and Culture(IS)**

**Description:** A comprehensive view of the Soviet Union, stressing those issues in the political, economic, technological, geographical and cultural spheres which are most relevant to the current situation. Accessible to beginning undergraduates. Same course as HIST 3003 & RUSS 3003.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Political Science

**General Education and other Course Attributes:** International Dimension, Social & Behavioral Sciences

**POLS 3033 International Law**

**Description:** International laws between countries arise from customary law, treaties, and other international agreements. This course examines international law surrounding international diplomacy, conflict, organizations, and the international political reasons for the creation, compliance, and violation of such laws.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Political Science

**POLS 3053 Introduction to Central Asia Studies (IS)**

**Description:** A comprehensive view of newly-emerged Central Asian states examining the history, politics, economics, geography, and culture of Azerbaijan, Kazakhstan, Kyrgyzstan, Tajikistan, Turkmenistan and Uzbekistan as reflected in their thoughts, religion, literature, and architecture, in the past, and the strategic importance of their natural wealth for the present and future. Same course as GEOG 3053, GLST 3053, HIST 3053 & RUSS 3053.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Political Science

**POLS 3090 Teaching Practicum**

**Prerequisites:** Consent of instructor.

**Description:** For outstanding students. Students will work with a faculty instructor and assist in many aspects of teaching including guest lecturing, offering study sessions, office hours, among other duties as determined by instructor. May involve meetings and written paper(s). Offered for variable credit, 1-6 credit hours, maximum of 6 credit hours.

**Credit hours:** 1-6

**Contact hours:** Contact: 1-6 Other: 1-6

**Levels:** Undergraduate

**Schedule types:** Independent Study

**Department/School:** Political Science

**POLS 3100 Political Science Internship**

**Prerequisites:** Consent of department.

**Description:** Internship education experience in a specific subfield in the discipline of political science. Offered for variable credit, 1-6 credit hours, maximum of 6 credit hours.

**Credit hours:** 1-6

**Contact hours:** Contact: 1-6 Other: 1-6

**Levels:** Undergraduate

**Schedule types:** Independent Study

**Department/School:** Political Science

**POLS 3101 Oklahoma Intercollegiate Legislature**

**Description:** OSU Oklahoma Intercollegiate Legislature provides students with hands on experience in the legislative process. It is a mock legislature with the intended goal of passing bills and learning parliamentary procedure. Students learn how to research and draft legislation, build coalitions, and debate the merits of their bills. Participation in O.I.L. gives students a behind the scenes look at how state government conducts business. The result is academic learning in a real world setting. This course is a pass/fail grade. Offered for fixed credit, 1 credit hour.

**Credit hours:** 1

**Contact hours:** Lecture: 1 Contact: 1

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Political Science

**POLS 3103 Introduction to Political Inquiry**

**Prerequisites:** Sophomore, Junior and Senior standing.

**Description:** The scope and methods of political science. Scientific methodology applied to political phenomena, hypothesis, measurement, literature review, research designs, introductory data analysis and writing in political science. Previously offered as POLS 4003.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Political Science

**POLS 3123 Russian & Eurasian Politics (I)**

**Description:** An overview of the major political, social, and economic challenges facing Russia and its neighbors.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Political Science

**General Education and other Course Attributes:** International Dimension

**POLS 3143 European Politics (I)**

**Description:** An overview of the major political, social, and economic challenges facing European countries.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Political Science

**General Education and other Course Attributes:** International Dimension

**POLS 3163 African Politics (I)**

**Description:** An overview of the major political, social, and economic challenges facing African countries.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Political Science

**General Education and other Course Attributes:** International Dimension

**POLS 3193 Latin American Politics (IS)**

**Description:** An overview of the major political, social, and economic challenges facing Latin American countries.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Political Science

**General Education and other Course Attributes:** International Dimension, Social & Behavioral Sciences

**POLS 3223 Asian Politics**

**Description:** An overview of the major political, social, and economic challenges facing Asian countries.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Political Science

**POLS 3313 Middle Eastern Politics**

**Description:** An overview of the major political, social, and economic challenges facing Middle Eastern countries.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Political Science

**POLS 3353 Political Parties**

**Description:** An examination of political parties, including the role of parties in elections and government, how parties have changed through time, why there are only two major parties in the United States, and what factors influence how parties behave.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Political Science

**POLS 3423 Voting and Elections**

**Description:** Electoral systems and their relationship to political development, political socialization, issue emergence, voting patterns and electoral cycles.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Political Science

**POLS 3443 Pol Campaigns And Candidacy**

**Description:** Planning, fundraising, targeting, public opinion, support operations, voter contact, the mass media and candidate activities. Previously offered as POLS 3414.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Political Science

**POLS 3453 U.S. Congress**

**Description:** The power and organization of legislatures, as well as the selection and behavior of legislators. Special attention given to the U.S. Congress.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Political Science

**POLS 3483 The American Presidency**

**Description:** The politics of presidential selection, removal and succession; formal and informal powers of the president; relations with Congress, the national judiciary and national executive branch; proposed reforms and the vice-presidency.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Political Science

**POLS 3493 Public Policy**

**Prerequisites:** Any one of POLS 1013, POLS 2033, ECON 1113.

**Description:** Identification of policy options open to policy makers and examination of measurements and rationales underlying governmental programs. May not be used for degree credit with POLS 5613.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Political Science

**POLS 3513 Public Opinion and Polling**

**Description:** The nature of public opinion. Public opinion polling, the factors influencing opinion formation, and the effects of public opinion on policy and policy makers.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Political Science

**POLS 3523 Money, Media And Politics**

**Prerequisites:** POLS 1113.

**Description:** Techniques used by successful candidates for elective office to present their positions to the voting public. Beginning with the basic elements of fundraising exploration of current campaign finance laws, funding techniques and campaign budgeting. Message development, media production and ad placement. Preparation of a fundraising strategy.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Political Science

**POLS 3533 Lobbying: the Art of Influence and Manipulation****Prerequisites:** POLS 1113.**Description:** An exploration of how political scientists understand organized interests and their lobbying and grassroots activities. Traverses topics such as the origin of interests, collective action problems, lobbying techniques, and grassroots activism. Explores political action in multiple venues. Discusses the influence of groups in government.**Credit hours:** 3**Contact hours:** Lecture: 3 Contact: 3**Levels:** Undergraduate**Schedule types:** Lecture**Department/School:** Political Science**POLS 3613 State and Local Government****Description:** Political processes, government and administration of American states, cities and counties; special emphasis on Oklahoma.**Credit hours:** 3**Contact hours:** Lecture: 3 Contact: 3**Levels:** Undergraduate**Schedule types:** Lecture**Department/School:** Political Science**POLS 3663 Introduction to Political Thought****Description:** The teachings of the three lasting traditions of Western political thought: classical, Christian and modern.**Credit hours:** 3**Contact hours:** Lecture: 3 Contact: 3**Levels:** Undergraduate**Schedule types:** Lecture**Department/School:** Political Science**POLS 3683 Politics in Contemporary Film****Prerequisites:** POLS 1113.**Description:** The effect of politics on contemporary film. Exploration of the often subtle political imagery and symbolism contained in film.**Credit hours:** 3**Contact hours:** Lecture: 3 Contact: 3**Levels:** Undergraduate**Schedule types:** Lecture**Department/School:** Political Science**POLS 3893 Terrorism & Counterterrorism****Description:** This course examines the definition, causes, and consequences of terrorist activity. Special emphasis will also be given to key domestic and international counterterrorism responses.**Credit hours:** 3**Contact hours:** Lecture: 3 Contact: 3**Levels:** Undergraduate**Schedule types:** Lecture**Department/School:** Political Science**POLS 3953 Minorities in the American Political System (DS)****Prerequisites:** POLS 1113.**Description:** Examination of mass and elite level behavior of minorities in the contemporary U.S. political system.**Credit hours:** 3**Contact hours:** Lecture: 3 Contact: 3**Levels:** Undergraduate**Schedule types:** Lecture**Department/School:** Political Science**General Education and other Course Attributes:** Diversity, Social & Behavioral Sciences**POLS 3963 State Courts and the Bar****Description:** This course will cover the various constraints that exist within the decision-making outcomes of state courts, as well as the institutional biases found within state run criminal justice systems. It looks at the increasingly partisan nature of state court election cycles and the contemporary status of the legal academy, the Bar, and the economics of law firms. It will be particularly useful to those students thinking about continuing their education with the pursuit of a law degree.**Credit hours:** 3**Contact hours:** Lecture: 3 Contact: 3**Levels:** Undergraduate**Schedule types:** Lecture**Department/School:** Political Science**POLS 3973 Race, Politics and Sports (D)****Prerequisites:** POLS 1113.**Description:** Historical, as well as the contemporary relationship, between race, politics and sports in the U.S. political system.**Credit hours:** 3**Contact hours:** Lecture: 3 Contact: 3**Levels:** Undergraduate**Schedule types:** Lecture**Department/School:** Political Science**General Education and other Course Attributes:** Diversity**POLS 3983 Courts and Judicial Process (S)****Description:** The American judiciary and legal process from a political perspective with particular emphasis on judicial organization and powers, recruitment, fact-finding, decision-making, impact of decisions, the legal profession and relations among courts. Oklahoma judicial organization.**Credit hours:** 3**Contact hours:** Lecture: 3 Contact: 3**Levels:** Undergraduate**Schedule types:** Lecture**Department/School:** Political Science**General Education and other Course Attributes:** Social & Behavioral Sciences**POLS 3993 Legal Research And Analysis****Prerequisites:** POLS 2023 or HONR 2013.**Description:** Introduction to legal research methods, including state and federal reported cases, digests, annotated codes, state and federal administrative regulations, and computerized legal research, as well as an introduction to legal reasoning and analysis and the preparation of case briefs and memoranda.**Credit hours:** 3**Contact hours:** Lecture: 3 Contact: 3**Levels:** Undergraduate**Schedule types:** Lecture**Department/School:** Political Science**POLS 4000 Advanced Topics in American Politics****Prerequisites:** POLS 1113 or consent of instructor.**Description:** In-depth examination of critical topics and issues in American politics, including American political behavior and political leadership. May be repeated with different topics. May not be used for degree credit with POLS 5710. Offered for variable credit, 3 credit hours, maximum of 9 credit hours.**Credit hours:** 3**Contact hours:** Lecture: 3 Contact: 3**Levels:** Undergraduate**Schedule types:** Lecture**Department/School:** Political Science



**POLS 4010 Advanced Topics in International Relations****Prerequisites:** POLS 2013 or POLS 2113 or consent of instructor.**Description:** In-depth examination of critical topics and issues in International Relations. May be repeated with different topics. Offered for fixed credit, 3 credit hours, maximum of 6 credit hours. May not be used for degree credit with POLS 5210.**Credit hours:** 3**Contact hours:** Lecture: 3 Contact: 3**Levels:** Undergraduate**Schedule types:** Lecture**Department/School:** Political Science**POLS 4013 American Foreign Policy****Description:** An introduction to the history of America's foreign policy (with an emphasis on foreign relations since WWII), the dominant themes and goals of American foreign policy throughout time, contemporary issues that face the United States, and how foreign policy is made and enforced. May not be used for degree credit with POLS 5153.**Credit hours:** 3**Contact hours:** Lecture: 3 Contact: 3**Levels:** Undergraduate**Schedule types:** Lecture**Department/School:** Political Science**POLS 4020 Advanced Topics in Comparative Politics****Prerequisites:** POLS 2013 or POLS 2113 or consent of instructor.**Description:** In-depth examination of critical topics and issues in Comparative Politics. May be repeated with different topics. Offered for fixed credit, 3 credit hours, maximum of 6 credit hours. May not be used for degree credit with POLS 5410.**Credit hours:** 3**Contact hours:** Lecture: 3 Contact: 3**Levels:** Undergraduate**Schedule types:** Lecture**Department/School:** Political Science**POLS 4023 Security Analysis and Briefing****Description:** The purpose of this course is to introduce students to the world of intelligence analysis. Students will gain a basic understanding of the different types of intelligence, the way intelligence is analyzed, and the ways that analysts present their findings to the consumer. The course will develop critical thinking techniques and apply them to both hypothetical and real-world problems with a focus on the techniques used by professionals to present the results of their analyses. May not be used for degree credit with POLS 5223.**Credit hours:** 3**Contact hours:** Lecture: 3 Contact: 3**Levels:** Undergraduate**Schedule types:** Lecture**Department/School:** Political Science**POLS 4033 Civil Wars (I)****Prerequisites:** POLS 1113.**Description:** This course focuses on civil wars, insurgencies, and other conflicts that occur within the borders of countries. The course intends to present current theories and understanding of civil wars that can inform the examination and explanation of such conflicts, including why conflicts start, how conflicts end, the goals and strategies of rebel groups and governments, and the long-term effects of conflict are critical to forming domestic and international policies that provide peaceful alternatives to violence.**Credit hours:** 3**Contact hours:** Lecture: 3 Contact: 3**Levels:** Undergraduate**Schedule types:** Lecture**Department/School:** Political Science**General Education and other Course Attributes:** International Dimension**POLS 4043 Global Political Economy****Description:** An introduction to the major players, challenges, and theories shaping the modern global economy. Topics include economic development, globalization, trade, and foreign investment. May not be used for degree credit with INTL 5043. Previously offered as POLS 3043.**Credit hours:** 3**Contact hours:** Lecture: 3 Contact: 3**Levels:** Undergraduate**Schedule types:** Lecture**Department/School:** Political Science**POLS 4053 War And World Politics (I)****Description:** Students are introduced to the scientific study of war. Topics include why countries engage in conflict, the conduct of war, the ways in which wars end, and how peace is maintained between former rivals.**Credit hours:** 3**Contact hours:** Lecture: 3 Contact: 3**Levels:** Undergraduate**Schedule types:** Lecture**Department/School:** Political Science**General Education and other Course Attributes:** International Dimension**POLS 4100 Problems of Government, Politics and Public Policy****Description:** Special problem areas of government, politics and public policy concentrating on topics not covered in other departmental course offerings. May not be used for degree credit with POLS 5100. Offered for variable credit, 1-6 credit hours, maximum of 6 credit hours.**Credit hours:** 1-6**Contact hours:** Contact: 1-6 Other: 1-6**Levels:** Undergraduate**Schedule types:** Independent Study**Department/School:** Political Science**POLS 4113 International Organization****Description:** The last one hundred years have seen the rise of international organizations. This class explores the reasons for this proliferation, as well as the impact of organizations such as the United Nations, North Atlantic Treaty Organization, etc. for the conduct of international relations. May not be used for degree credit with POLS 5163.**Credit hours:** 3**Contact hours:** Lecture: 3 Contact: 3**Levels:** Undergraduate**Schedule types:** Lecture**Department/School:** Political Science

**POLS 4223 Social Movements****Prerequisites:** POLS 1113.**Description:** A study of the origins, activities, and impact of political and social movements. Students examine these theories and concepts by learning about several contemporary movements from other countries and the United States.**Credit hours:** 3**Contact hours:** Lecture: 3 Contact: 3**Levels:** Undergraduate**Schedule types:** Lecture**Department/School:** Political Science**POLS 4333 Improving Democracy: How to Reform Government by the People (S)****Description:** This course encourages students to think critically and creatively about political institutions in order to improve democracy. This course gives students the opportunity to explore prominent political reform proposals and their merits, as well as an opportunity to practice skills such as the ability to evaluate complex organizations in order to improve outcomes.**Credit hours:** 3**Contact hours:** Lecture: 3 Contact: 3**Levels:** Undergraduate**Schedule types:** Lecture**Department/School:** Political Science**General Education and other Course Attributes:** Social & Behavioral Sciences**POLS 4353 Administrative Law****Description:** Legal powers, limits, and procedures of administrative agencies with emphasis on federal and state administrative procedure acts. May not be used for degree credit with POLS 5713.**Credit hours:** 3**Contact hours:** Lecture: 3 Contact: 3**Levels:** Undergraduate**Schedule types:** Lecture**Department/School:** Political Science**POLS 4363 Environmental Law And Policy****Description:** Statutory law, case law, and administrative practices relating to regulation of the environment including environmental impact statements, pollution, public lands, and preservation law. May not be used for degree credit with POLS 5633.**Credit hours:** 3**Contact hours:** Lecture: 3 Contact: 3**Levels:** Undergraduate**Schedule types:** Lecture**Department/School:** Political Science**POLS 4403 Urban Politics and Management****Description:** Problems of governing and managing American metropolitan areas. May not be used for degree credit with POLS 5323.**Credit hours:** 3**Contact hours:** Lecture: 3 Contact: 3**Levels:** Undergraduate**Schedule types:** Lecture**Department/School:** Political Science**POLS 4413 Government Budgeting****Description:** The politics, planning and administration of government budgets. May not be used for degree credit with POLS 5320.**Credit hours:** 3**Contact hours:** Lecture: 3 Contact: 3**Levels:** Undergraduate**Schedule types:** Lecture**Department/School:** Political Science**POLS 4453 Public Personnel Administration****Description:** Problems, processes, and procedures of public personnel administration. May not be used for degree credit with POLS 5333.**Credit hours:** 3**Contact hours:** Lecture: 3 Contact: 3**Levels:** Undergraduate**Schedule types:** Lecture**Department/School:** Political Science**POLS 4553 American Political Thought****Description:** A survey of the major developments in American political thought from the Colonial period to the present, followed by a topical analysis of important recent theoretical developments in political science.**Credit hours:** 3**Contact hours:** Lecture: 3 Contact: 3**Levels:** Undergraduate**Schedule types:** Lecture**Department/School:** Political Science**POLS 4573 Democratic Theory****Description:** Investigates the origins, development, and continuing challenges of theories of democratic government, with particular emphasis on the American political tradition. Topics include citizenship, accountability, voting and elections, federalism, and institutional design.**Credit hours:** 3**Contact hours:** Lecture: 3 Contact: 3**Levels:** Undergraduate**Schedule types:** Lecture**Department/School:** Political Science**POLS 4593 Natural Resources and Environmental Policy****Description:** Current issues in the law, politics and administration of energy, land, water, mineral and other natural resources policy with particular emphasis on relations to environmental policies and law. May not be used for degree credit with POLS 5620.**Credit hours:** 3**Contact hours:** Lecture: 3 Contact: 3**Levels:** Undergraduate**Schedule types:** Lecture**Department/School:** Political Science**POLS 4623 Oklahoma Politics (S)****Prerequisites:** POLS 1113.**Description:** Introduction to Oklahoma Politics. Topics include the evolution of Oklahoma political institutions; the struggle to shape the Oklahoma political culture with special attention to the role of race and woman suffrage; political issues; the structure of Oklahoma political institutions at the state and local levels; and elections.**Credit hours:** 3**Contact hours:** Lecture: 3 Contact: 3**Levels:** Undergraduate**Schedule types:** Lecture**Department/School:** Political Science**General Education and other Course Attributes:** Social & Behavioral Sciences

**POLS 4653 Contemporary Political Thought**

**Description:** An analysis of 19th and 20th century political ideas, with emphasis on the rise and fall of ideologies along side controversies over relativism, positivism, pragmatism, and resurgent religious faiths.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Political Science

**POLS 4670 Advanced Topics in Political Theory**

**Description:** In-depth examination of critical topics and issues in classic, modern, or American political theory. May be repeated with different topics. Offered for fixed credit, 3 credit hours, maximum of 6 credit hours.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Political Science

**POLS 4693 Gender and Politics**

**Description:** Changing role of women in government and politics. Voting behavior, public opinion, women in government, and the women's movement.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Political Science

**POLS 4903 Senior Capstone Seminar**

**Prerequisites:** Political Science major with Junior or Senior standing and completion of POLS 3103 with a grade of "C" or better.

**Description:** This class, open only to Political Science majors in their final year of study, is intended to be the culmination of a student's undergraduate study of Political Science. Class sessions during the first half of the semester involve a review of the discipline, in which students educate their peers about some of the essential things they have learned in their coursework. During the second half of the semester, students engage in a practicum connected to the area of work/study they intend to pursue, and they complete a significant research project.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Political Science

**POLS 4963 U.S. Constitution: Civil Rights and Civil Liberties**

**Prerequisites:** POLS 2023 or POLS 3983 recommended.

**Description:** Development of principles of constitutional law by the Supreme Court concerning individual and group rights, with particular emphasis on equal protection of the laws concepts in matters of race, gender, wealth, citizenship, legislative reapportionment and voting rights, government employment and affirmative action programs. Legal research techniques.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Political Science

**POLS 4973 U.S. Constitution: Separation of Powers**

**Prerequisites:** POLS 2023 or POLS 3983 recommended.

**Description:** This course will cover the constitutional law governing the structure of the United States government, including such subjects as the power of the federal government, the separation of powers within the federal government, and the relationship between the federal government and the states (including substantive and due process rights under the Fourteenth Amendment).

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Political Science

**POLS 4980 Advanced Topics in Public Law**

**Prerequisites:** POLS 2023 and (POLS 3983 or POLS 3993) or consent of instructor.

**Description:** In-depth examination of critical topics and issues in Public Law. May be repeated with different topics. Offered for fixed credit, 3 credit hours, maximum of 6 credit hours.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Political Science

**POLS 4990 Independent Study**

**Description:** Application of major relevant theoretical perspectives to selected case studies of political problems and issue areas. Theories and attendant case studies selected by visiting faculty members. Offered for variable credit, 1-3 credit hours, maximum of 6 credit hours.

**Credit hours:** 1-3

**Contact hours:** Contact: 1-3 Other: 1-3

**Levels:** Undergraduate

**Schedule types:** Independent Study

**Department/School:** Political Science

**POLS 4993 Political Science Honors Thesis**

**Prerequisites:** Departmental invitation, senior standing, Honors Program participation.

**Description:** A guided reading and research program ending with an honors thesis under the direction of a faculty member, with second faculty reader and oral examination. Required for graduation with departmental honors in political science.

**Credit hours:** 3

**Contact hours:** Contact: 3 Other: 3

**Levels:** Undergraduate

**Schedule types:** Independent Study

**Department/School:** Political Science

**General Education and other Course Attributes:** Honors Credit

**POLS 5000 Thesis**

**Description:** Thesis. Offered for variable credit, 1-6 credit hours, maximum of 6 credit hours.

**Credit hours:** 1-6

**Contact hours:** Contact: 1-6 Other: 1-6

**Levels:** Graduate

**Schedule types:** Independent Study

**Department/School:** Political Science

**POLS 5013 Quantitative Methods****Prerequisites:** POLS 5103.**Description:** Required of all graduate students. Fundamental methodological issues in the scientific study of politics. Logic of science, principles of research design and computer data manipulation and analysis.**Credit hours:** 3**Contact hours:** Lecture: 3 Contact: 3**Levels:** Graduate**Schedule types:** Lecture**Department/School:** Political Science**POLS 5020 Creative Component****Description:** Individually supervised research. Offered for fixed credit, 3 credit hours, maximum of 6 credit hours.**Credit hours:** 3**Contact hours:** Contact: 3 Other: 3**Levels:** Graduate**Schedule types:** Independent Study**Department/School:** Political Science**POLS 5023 Foundation of Political Science****Description:** Overview of the foundational works, theories and approaches that define the discipline of political science and serve as bridges across its subfields.**Credit hours:** 3**Contact hours:** Lecture: 3 Contact: 3**Levels:** Graduate**Schedule types:** Lecture**Department/School:** Political Science**POLS 5030 Internship in Public Administration and Government****Description:** Individually supervised internships in administrative and governmental career areas. Paper required. Offered for variable credit, 1-6 credit hours, maximum of 6 credit hours.**Credit hours:** 1-6**Contact hours:** Contact: 1-6 Other: 1-6**Levels:** Graduate**Schedule types:** Independent Study**Department/School:** Political Science**POLS 5040 Readings in Politics, Public Policy or Public Administration****Prerequisites:** Consent of supervising professor.**Description:** Readings in the student's major area of study. Offered for variable credit, 1-6 credit hours, maximum of 6 credit hours.**Credit hours:** 1-6**Contact hours:** Contact: 1-6 Other: 1-6**Levels:** Graduate**Schedule types:** Independent Study**Department/School:** Political Science**POLS 5100 Directed Study****Description:** Directed study for master's level students. May not be used for degree credit with POLS 4100. Offered for variable credit, 1-3 credit hours, maximum of 6 credit hours.**Credit hours:** 1-3**Contact hours:** Contact: 1-3 Other: 1-3**Levels:** Graduate**Schedule types:** Independent Study**Department/School:** Political Science**POLS 5103 Research Design****Prerequisites:** Graduate standing.**Description:** Overview of research design, including conceptualization and operationalization, literature review, deductive and inductive theorizing, hypothesis testing, quantitative and qualitative data collection and analysis.**Credit hours:** 3**Contact hours:** Lecture: 3 Contact: 3**Levels:** Graduate**Schedule types:** Lecture**Department/School:** Political Science**POLS 5113 Seminar in Public Program Evaluation****Description:** Methodology of evaluation research in public programs. Emphasis will be placed on designing and interpreting evaluative studies rather than the mastery of particular mathematical, statistical or computer skills.**Credit hours:** 3**Contact hours:** Lecture: 3 Contact: 3**Levels:** Graduate**Schedule types:** Lecture**Department/School:** Political Science**POLS 5133 Politics and Political Economy in the European Union****Description:** The institutions and policy-making process of the European Union (EU) and the theoretical traditions in the study of European integration. The institutional form of the EU and the type of European policy that is emerging.**Credit hours:** 3**Contact hours:** Lecture: 3 Contact: 3**Levels:** Graduate**Schedule types:** Lecture**Department/School:** Political Science**POLS 5143 Social and Political Perspectives in Europe****Description:** Examination of the current and historical social, cultural and political landscapes of European societies. Material related to identity politics, citizenship, democratization and collective memory feature regularly in the course.**Credit hours:** 3**Contact hours:** Lecture: 3 Contact: 3**Levels:** Graduate**Schedule types:** Lecture**Department/School:** Political Science**POLS 5153 American Foreign Policy****Description:** An introduction to the history of America's foreign policy (with an emphasis on foreign relations since WWII), the dominant themes and goals of American foreign policy throughout time, contemporary issues that face the United States, and how foreign policy is made and enforced. May not be used for degree credit with POLS 4013.**Credit hours:** 3**Contact hours:** Lecture: 3 Contact: 3**Levels:** Graduate**Schedule types:** Lecture**Department/School:** Political Science

**POLS 5163 International Organization**

**Description:** The last one hundred years have seen the rise of international organizations. This class explores the reasons for this proliferation, as well as the impact of organizations such as the United Nations, North Atlantic Treaty Organization, etc. for the conduct of international relations. May not be used for degree credit with POLS 4113.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Graduate

**Schedule types:** Lecture

**Department/School:** Political Science

**POLS 5203 ProSeminar in International Relations**

**Description:** A general survey intended to introduce students to major theoretical paradigms, applications, and debates in the field of international relations.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Graduate

**Schedule types:** Lecture

**Department/School:** Political Science

**POLS 5210 Topics Seminar in International Relations**

**Description:** In-depth examination of critical topics and issues in International Relations. May be repeated up to 6 hours with different topics. Offered for fixed credit, 3 credit hours, maximum of 6 credit hours. May not be used for degree credit with POLS 4010.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Graduate

**Schedule types:** Lecture

**Department/School:** Political Science

**POLS 5213 Seminar in the International Political Economy**

**Prerequisites:** Graduate standing.

**Description:** Research on the mechanics and theories of interaction between economic and political phenomena. Same course as INTL 5213.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Graduate

**Schedule types:** Lecture

**Department/School:** Political Science

**POLS 5223 Security Analysis and Briefing**

**Description:** The purpose of this course is to provide students with the basic tools used by intelligence analysis. In the course, we will discuss the psychology of intelligence, how to nurture analytical creativity, methods of intelligence analysis, and ways that analysts present their findings to the consumer. We will also engage in several exercises involving both hypothetical and real-world problems that will allow you to develop your critical thinking skills. Finally, we will create an intelligence product that brings together all the skills learned in the course. May not be used for degree credit with POLS 4023.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Graduate

**Schedule types:** Lecture

**Department/School:** Political Science

**POLS 5253 Conflict Management and Peacebuilding**

**Description:** An introduction to the tactics, strategies, and tools of conflict management. Student will engage with current research in this field, with a focus on understanding of what works - and what does not - in resolving civil wars and communal violence.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Graduate

**Schedule types:** Lecture

**Department/School:** Political Science

**POLS 5273 Diplomacy**

**Description:** Overview of the theoretical and practical dimensions of diplomacy. This class explores the history of diplomacy, its place within the study of international relations, the rise of diplomatic norms, the evolution of diplomacy, and the fragility and art of negotiation.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Graduate

**Schedule types:** Lecture

**Department/School:** Political Science

**POLS 5313 Public Management**

**Description:** Introduction to the general principles of management as they are applied in the public sector. Systems theory, organization design, and techniques of supervision.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Graduate

**Schedule types:** Lecture

**Department/School:** Political Science

**POLS 5320 Seminar in Public Budgeting and Finance**

**Description:** Major processes and practices involved in governmental budgeting in the United States at national, state and local level. May not be used for degree credit with POLS 4413. Offered for fixed credit, 3 credit hours, maximum of 6 credit hours.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Graduate

**Schedule types:** Lecture

**Department/School:** Political Science

**POLS 5323 Urban Politics and Management**

**Description:** Introduction to the concepts, processes and techniques of managing urban political systems to include problems of leadership, decision-making, general management and group behavior. May not be used for degree credit with POLS 4403.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Graduate

**Schedule types:** Lecture

**Department/School:** Political Science

**POLS 5333 Seminar in Public Personnel Administration**

**Description:** Current practices, problems and issues in public sector personnel administration, including merit system, civil service reform collective bargaining, and equal opportunity and affirmative action. May not be used for degree credit with POLS 4453.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Graduate

**Schedule types:** Lecture

**Department/School:** Political Science



**POLS 5353 Seminar in Design, Structure and Processes of Public Organizations**

**Description:** Administration in the public sector, stressing traditional and emerging organization structures. Awareness of administrative processes and environment that include program design, implementation, and administrative accountability.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Graduate

**Schedule types:** Lecture

**Department/School:** Political Science

**POLS 5363 Public Sector Dispute Resolution**

**Prerequisites:** Senior or graduate standing.

**Description:** Labor relations and employment issues in the public sector, and the various methods for resolving government personnel conflicts without resort to violence or litigation. Focus on labor law, employment law and Alternative Dispute Resolution as they apply to government employment.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Graduate

**Schedule types:** Lecture

**Department/School:** Political Science

**POLS 5393 Politics of Disaster**

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Graduate

**Schedule types:** Lecture

**Department/School:** Political Science

**POLS 5403 ProSeminar in Comparative Politics**

**Prerequisites:** Graduate standing and 5303 or consent of instructor.

**Description:** Situates disaster phases in the political context at the local, national, and international levels. Examines research on specific events and their interactive effects between the political system and various phases of disaster.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Graduate

**Schedule types:** Lecture

**Department/School:** Political Science

**POLS 5410 Topics Seminar in Comparative Politics**

**Description:** In-depth examination of critical topics and issues in Comparative Politics. May be repeated up to 6 hours with different topics. May not be used for degree credit with POLS 4020. Offered for fixed credit, 3 credit hours, maximum of 6 credit hours.

**Credit hours:** 3

**Contact hours:** Contact: 3 Other: 3

**Levels:** Graduate

**Schedule types:** Independent Study

**Department/School:** Political Science

**POLS 5510 Seminar in Political Behavior**

**Description:** Examination of contemporary theories of political behavior with emphasis on empirical studies. Offered for variable credit, 1-3 credit hours, maximum of 6 credit hours.

**Credit hours:** 1-3

**Contact hours:** Contact: 3-18 Other: 3-18

**Levels:** Graduate

**Schedule types:** Independent Study

**Department/School:** Political Science

**POLS 5513 Seminar in Political Psychology**

**Description:** Examination of psychological theories as they pertain to political behavior, including attitude change, political cognition, public opinion and decision-making.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Graduate

**Schedule types:** Lecture

**Department/School:** Political Science

**POLS 5613 Public Policy Analysis**

**Description:** Analytical methods for evaluating public policies and examination of the public processes including policy design, implementation and evaluation. May not be used for degree credit with POLS 3493.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Graduate

**Schedule types:** Lecture

**Department/School:** Political Science

**POLS 5620 Seminar in Natural Resource Policy, Law and Administration**

**Description:** Analysis of the legal and public policy aspects of environmental regulation, including special emphasis on one of three components: environmental law, administrative law, and national resource law and policy. May not be used for degree credit with POLS 4593. Offered for fixed credit, 3 credit hours, maximum of 9 credit hours.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Graduate

**Schedule types:** Lecture

**Department/School:** Political Science

**POLS 5633 Practical Environmental Compliance**

**Description:** Environmental decision-making, reading and understanding environmental statutes and regulations, and effectively dealing with the EPA. Environmental permitting and enforcement, policies and procedures. Review of hazardous waste regulations with emphasis on ground water problems. May not be used for degree credit with POLS 4363.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Graduate

**Schedule types:** Lecture

**Department/School:** Political Science

**POLS 5643 Regulatory Risk Analysis**

**Description:** Risk-based decision making, government's risk analysis paradigm, risk analysis policy, and social aspects of risk assessment. Review of the RCRA corrective action, CERCLA (Superfund) remedial action, and NEPA environmental impact study programs.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Graduate

**Schedule types:** Lecture

**Department/School:** Political Science



**POLS 5673 Understanding and Responding to Terrorism**

**Description:** Exploration of the experience of non-state terrorism in the U.S. and Western European democracies in the late 20th century. Understanding terrorism as a political, social, and historical phenomenon; the current and future threat of terrorism, both foreign and domestic; governmental choices in responding to terrorism in democratic societies and; U.S. anti-terrorism policies and considerations that emergency responders face in preparing for and responding to terrorist incidents.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Graduate

**Schedule types:** Lecture

**Department/School:** Political Science

**POLS 5703 ProSeminar in American Politics**

**Description:** Overview of a wide range of classic works in American institutions and Political Behavior. It examines not only the classic works in each area of these subfields, but a sampling of current work being done in the field.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Graduate

**Schedule types:** Lecture

**Department/School:** Political Science

**POLS 5710 Topics Seminar in American Politics**

**Description:** In-depth examination of critical topics and issues in American Politics. May be repeated up to 6 hours with different topics. May not be used for degree credit with POLS 4000. Offered for fixed credit, 3 credit hours, maximum of 6 credit hours.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Graduate

**Schedule types:** Lecture

**Department/School:** Political Science

**POLS 5713 Seminar in Public Law**

**Description:** Literature of public law in the United States. Overview of the approaches that shape the theoretical and empirical contours of the public law field and contribute to multidisciplinary law and social science studies. May not be used for degree credit with POLS 4353.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Graduate

**Schedule types:** Lecture

**Department/School:** Political Science

**POLS 5720 Topics in Political Science**

**Description:** In-depth examination of critical topics and issues in Political Science. May be repeated up to 6 hours with different topics. Offered for fixed credit, 1-3 credit hours, maximum of 6 credit hours.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Graduate

**Schedule types:** Lecture

**Department/School:** Political Science

**POLS 5743 Seminar in Political Communication**

**Description:** Examination of recent theories within politics and the media, including effects of media on opinion, role of media as a political institution and the role of media during elections.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Graduate

**Schedule types:** Lecture

**Department/School:** Political Science

**POLS 5810 Seminar in Women and Politics**

**Prerequisites:** Graduate standing.

**Description:** Research on a variety of topics concerning women and politics, including women's movements, women and elections, and public opinion. Offered for fixed credit, 3 credit hours, maximum of 9 credit hours.

**Credit hours:** 3

**Contact hours:** Contact: 3 Other: 3

**Levels:** Graduate

**Schedule types:** Independent Study

**Department/School:** Political Science

**POLS 5943 Complex Emergencies**

**Prerequisites:** Graduate Standing.

**Description:** This course examines complex emergencies from an emergency management perspective. We will look at the collapse of governance, the causes of armed conflict, food insecurity, infectious disease, natural disasters, and so on and examine specific cases in detail. Furthermore, we will look at how the international community responds to these crises, and which agencies are involved in relief efforts. We will apply the traditional four phases of disaster management these situations.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Graduate

**Schedule types:** Lecture

**Department/School:** Political Science

**POLS 6000 Doctoral Dissertation Research**

**Prerequisites:** Consent of major professor.

**Description:** Research for PhD dissertation. Offered for variable credit, 1-12 credit hours, maximum of 60 credit hours.

**Credit hours:** 1-12

**Contact hours:** Contact: 1-12 Other: 1-12

**Levels:** Graduate

**Schedule types:** Independent Study

**Department/School:** Political Science

**POLS 6013 Qualitative Methods**

**Prerequisites:** POLS 5103.

**Description:** Qualitative methods for collecting and analyzing data from the social sciences.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Graduate

**Schedule types:** Lecture

**Department/School:** Political Science

## Undergraduate Programs

- Political Science, BA (p. 1681)
- Political Science, BS (p. 1684)
- Political Science: Global Politics, BA (p. 1687)
- Political Science: Global Politics, BS (p. 1690)

- Political Science: Practical Politics - Campaigning, Lobbying and Policymaking, BA (p. 1693)
- Political Science: Practical Politics - Campaigning, Lobbying and Policymaking, BS (p. 1696)
- Political Science: Pre-Law, BA (p. 1699)
- Political Science: Pre-Law, BS (p. 1702)
- Political Science: Public Policy, BA (p. 1705)
- Political Science: Public Policy, BS (p. 1707)

## Graduate Programs

The Department of Political Science offers a Master of Arts degree in political science.

Candidates for the Master of Arts degree in political science complete a foundation of 15 hours of study and devote their remaining hours to specialization in two of the following areas: American politics, comparative politics and international relations, with further specialization within these areas also possible. The plan is designed to prepare professional political scientists for careers in research and teaching, as well as administrative and policy positions in local, state or national government and international affairs.

For more information, go to our website [polsci.okstate.edu](https://polsci.okstate.edu) (<https://polsci.okstate.edu>).

## Admission Requirements for Master's Degree Programs

Any student having a bachelor's degree with an overall 3.00 grade-point average (on a 4.00 scale) may be admitted as a student in full standing. Those with less than an overall 3.00 grade-point average are considered for admission on a probationary basis. All graduate students in the MA program would benefit from completion of an undergraduate statistics class. A GRE exam score is required for the MA program.

## Degree Requirements for the MA in Political Science

In addition to the general requirements of the Graduate College, requirements for the Master of Arts degree in political science are listed below.

1. A minimum of 33 credit hours in political science or closely related courses. These include:

Code	Title	Hours
<b>Research Methods and Foundations of Political Science</b>		
POLS 5103	Research Design	3
POLS 5013	Quantitative Methods	3
<b>Proseminars</b>		
POLS 5703	ProSeminar in American Politics	3
POLS 5403	ProSeminar in Comparative Politics	3
POLS 5203	ProSeminar in International Relations	3
<b>Electives</b>		
Select at least six hours in two of the following subfields:		12
American Politics		
Comparative Politics		
International Relations		
Select six hour thesis		6

A minimum of 21 hours of political science graduate seminars (seminars numbered 5000 or above) is required. The student must successfully defend the thesis orally before the faculty committee.

2. Minimum 3.00 grade-point average, with only one grade of "C" allowed.

## Minors

- Campaigns and Lobbying (CAML), Minor (p. 1676)
- Intelligence and Security Analysis (INSA), Minor (p. 1677)
- Law and Legal Studies (LLS), Minor (p. 1678)
- Political Science (POLS), Minor (p. 1679)

## Faculty

Howard Sanborn, PhD—Department Head and Professor

**Regents Professor:** Robert Darcy, PhD (emeritus)

**Professors:** Robert E. England, PhD (emeritus); Rebekah Herrick, PhD; James J. Lawler, PhD, JD (emeritus); Seth McKee, PhD; Jeanette Mendez, PhD; Robert L. Spurrier, Jr., PhD (emeritus); Theodore Vestal, PhD (emeritus)

**Associate Professors:** Danny M. Adkison, EdD; Anthony E. Brown, PhD (emeritus); James A. Davis, PhD (emeritus); William J. Focht, PhD (emeritus); Joshua Jansa, PhD; Joel M. Janswold, PhD (emeritus); Jason Kirksey, PhD; Stephen Nemeth, PhD; Eve Ringsmuth, PhD; Peter Rudloff, PhD; Erica Townsend-Bell, PhD

**Assistant Professors:** Brooke Coe, PhD; Cole Harvey, PhD; Haruka Nagao, PhD; Kristin Olofsson, PhD

**Teaching Assistant Professors:** Holley Hansen, PhD; Alex Smith, PhD

## Campaigns and Lobbying (CAML), Minor

For additional information on requirements on minors, click here (<https://adminfinance.okstate.edu/site-files/documents/policies/requirements-for-undergraduate-and-graduate-minors.pdf>).

**Requirements for Students Matriculating in or before Academic Year 2022-2023.** Learn more about University Academic Regulation 3.1 (p. 943).

Vincent Burke, 201 MUR, 405-744-5569

**Minimum Grade Point Average in Minor Coursework:** 2.50 with no grade below "C."

**Total Hours:** 18

Code	Title	Hours
<b>Minor Requirements</b>		
POLS 3443	Pol Campaigns And Candidacy	3
POLS 3523	Money, Media And Politics	3
POLS 3533	Lobbying: the Art of Influence and Manipulation	3
Select 9 hours of the following:		9
MKTG 3213	Marketing (S)	
MMJ 4753	Media and Elections	
POLS 3353	Political Parties	
POLS 3423	Voting and Elections	
POLS 3513	Public Opinion and Polling	
POLS 4000	Advanced Topics in American Politics	
POLS 4333	Improving Democracy: How to Reform Government by the People (S)	
PSYC 4153	Psychology and Mass Media	
SC 3443	Social Media	
SC 4013	Advertising Media and Markets	
SC 4843	Strategic Communication Campaigns	
SPCH 3733	Elements of Persuasion (S)	
<b>Total Hours</b>		<b>18</b>

## Additional OSU Requirements

### Undergraduate Minors

- An undergraduate minor must include between fifteen and thirty hours, inclusive of undergraduate coursework.
- A minimum of six credit hours for the minor must be earned in residence at OSU.
- The courses required for a minor may be included in the course requirements for any undergraduate degree or they may be in addition to degree requirements, depending on the overlap between the minor and degree requirements. However, an undergraduate minor must be earned in an academic field other than the student's declared degree option. The minor may not duplicate the degree major or option (for example, a student who earns a BA in Art with an Art History option may earn a minor in Studio Art but not Art History).
- A student generally follows the minor requirements associated with his or her matriculation year or newer requirements that have been established since matriculation. The time limit for following requirements from a given academic year is six years.

## Intelligence and Security Analysis (INSA), Minor

**Requirements for Students Matriculating in or before Academic Year 2022-2023.** Learn more about University Academic Regulation 3.1 (p. 943).

Vincent Burke, 201 MUR, 405-744-5569

**Minimum Overall Grade Point Average: 2.50**

**Total Hours: 18**

Code	Title	Hours
<b>Minor Requirements</b>		
POLS 2013	Introduction to International Relations (S)	3
or POLS 2113	Introduction to Comparative Politics (IS)	
POLS 4013	American Foreign Policy	3
POLS 4023	Security Analysis and Briefing	3
Select 9 hours of Option A (Approaches) & B (Topics), at least one course in each Option		9
Option A (Approaches):		
CS 1103	Computer Programming (A)	
ECON 4213	Econometric Methods	
GEOG 2344	Digital Tools for Environmental Problem-Solving (LN)	
GEOG 3333	Spatial Analysis (A)	
GEOG 4203	Fundamentals of Geographic Information Systems	
GEOG 4263	Geospatial Applications for Unmanned Aerial Systems	
GEOG 4273	Land Use Science	
GEOG 4323	Mapping in Modern Society	
GEOG 4333	Remote Sensing	
POLS 3103	Introduction to Political Inquiry	
Option B (Topics):		
AERO 4103	National Security, Leadership Responsibilities and Commissioning Preparation I	
AERO 4203	National Security, Leadership Responsibilities and Commissioning Preparation II	
GEOG 3133	Political Geography (IS)	
HIST 4353	American Military History (H)	
MC 3113	Introduction to Media Effects	
MC 4153	International Mass Communication	
POLS 3033	International Law	
POLS 3493	Public Policy	
POLS 3983	Courts and Judicial Process (S)	
POLS 4000	Advanced Topics in American Politics	
POLS 4010	Advanced Topics in International Relations	
POLS 4043	Global Political Economy	
<b>Total Hours</b>		<b>18</b>

## Other Requirements

- No grade below "C."

## Additional OSU Requirements

### Undergraduate Minors

- An undergraduate minor must include between fifteen and thirty hours, inclusive of undergraduate coursework.
- A minimum of six credit hours for the minor must be earned in residence at OSU.
- The courses required for a minor may be included in the course requirements for any undergraduate degree or they may be in addition to degree requirements, depending on the overlap between the minor and degree requirements. However, an undergraduate minor must be earned in an academic field other than the student's declared degree option. The minor may not duplicate the degree major or option (for example, a student who earns a BA in Art with an Art History option may earn a minor in Studio Art but not Art History).
- A student generally follows the minor requirements associated with his or her matriculation year or newer requirements that have been established since matriculation. The time limit for following requirements from a given academic year is six years.

For additional information on requirements on minors, click here (<https://adminfinance.okstate.edu/site-files/documents/policies/requirements-for-undergraduate-and-graduate-minors.pdf>).

## Law and Legal Studies (LLS), Minor

**Requirements for Students Matriculating in or before Academic Year 2022-2023.** Learn more about University Academic Regulation 3.1 (p. 943).

Vincent Burke, 201 MUR, 405-744-5569

**Minimum Grade Point Average in Minor Coursework:** 2.50 with no grade below "C."

**Total Hours:** 18

Code	Title	Hours
<b>Minor Requirements</b>		
POLS 2023 or HONR 2013	The Individual And The Law Honors Law and Legal Institutions (S)	3
POLS 3983	Courts and Judicial Process (S)	3
POLS 3993	Legal Research And Analysis	3
Select 9 hours of the following:		9
AGEC 3713	Agricultural Law	
ENGR 4103	Impact of Law on Engineering Practice	
ENGR 4133	Environmental Regulation for Technical Professionals (S)	
LSB 3213	Legal and Regulatory Environment of Business	
PHIL 3843	Philosophy of Law (H)	
POLS 3033	International Law	
POLS 3963	State Courts and the Bar	
POLS 4353	Administrative Law	
POLS 4363	Environmental Law And Policy	
POLS 4963	U.S. Constitution: Civil Rights and Civil Liberties	
POLS 4973	U.S. Constitution: Separation of Powers	
POLS 4980	Advanced Topics in Public Law	
PSYC 4143	Psychology and Law	
SOC 4313	Sociology of Law	
<b>Total Hours</b>		<b>18</b>

For additional information on requirements on minors, click here (<https://adminfinance.okstate.edu/site-files/documents/policies/requirements-for-undergraduate-and-graduate-minors.pdf>).

## Additional OSU Requirements

### Undergraduate Minors

- An undergraduate minor must include between fifteen and thirty hours, inclusive of undergraduate coursework.
- A minimum of six credit hours for the minor must be earned in residence at OSU.
- The courses required for a minor may be included in the course requirements for any undergraduate degree or they may be in addition to degree requirements, depending on the overlap between the minor and degree requirements. However, an undergraduate minor must be earned in an academic field other than the student's declared degree option. The minor may not duplicate the degree major or option (for example, a student who earns a BA in Art with an Art History option may earn a minor in Studio Art but not Art History).
- A student generally follows the minor requirements associated with his or her matriculation year or newer requirements that have been established since matriculation. The time limit for following requirements from a given academic year is six years.

## Political Science (POLS), Minor

**Requirements for Students Matriculating in or before Academic Year 2022-2023.** Learn more about University Academic Regulation 3.1 (p. 943).

Vincent Burke, 201 MUR, 405-744-5569

**Minimum Grade Point Average in Minor Coursework:** 2.50 with no grade below "C."

**Total Hours:** 15

Code	Title	Hours
<b>Minor Requirements</b>		
Select 15 upper-division hours to include three fields of political science (public law, American politics, public administration, political theory, comparative politics and international relations) <sup>1</sup>		15
<i>American Politics</i>		
POLS 3353	Political Parties	
POLS 3423	Voting and Elections	
POLS 3443	Pol Campaigns And Candidacy	
POLS 3453	U.S. Congress	
POLS 3483	The American Presidency	
POLS 3513	Public Opinion and Polling	
POLS 3523	Money, Media And Politics	
POLS 3533	Lobbying: the Art of Influence and Manipulation	
POLS 3683	Politics in Contemporary Film	
POLS 3953	Minorities in the American Political System (DS)	
POLS 3973	Race, Politics and Sports (D)	
POLS 4000	Advanced Topics in American Politics	
POLS 4333	Improving Democracy: How to Reform Government by the People (S)	
POLS 4623	Oklahoma Politics (S)	
POLS 4693	Gender and Politics	
<i>Comparative Government</i>		
POLS 3003	The Soviet Union: History, Society and Culture(IS)	
POLS 3053	Introduction to Central Asia Studies (IS)	
POLS 3123	Russian & Eurasian Politics (I)	
POLS 3143	European Politics (I)	
POLS 3163	African Politics (I)	
POLS 3193	Latin American Politics (IS)	
POLS 3223	Asian Politics	
POLS 3313	Middle Eastern Politics	
POLS 4020	Advanced Topics in Comparative Politics	
POLS 4223	Social Movements	
<i>International Relations</i>		
POLS 3033	International Law	
POLS 3893	Terrorism & Counterterrorism	
POLS 4010	Advanced Topics in International Relations	
POLS 4013	American Foreign Policy	
POLS 4023	Security Analysis and Briefing	
POLS 4033	Civil Wars (I)	

POLS 4043	Global Political Economy
POLS 4053	War And World Politics (I)
POLS 4113	International Organization
<i>Public Law</i>	
POLS 3963	State Courts and the Bar
POLS 3983	Courts and Judicial Process (S)
POLS 3993	Legal Research And Analysis
POLS 4353	Administrative Law
POLS 4363	Environmental Law And Policy
POLS 4963	U.S. Constitution: Civil Rights and Civil Liberties
POLS 4973	U.S. Constitution: Separation of Powers
POLS 4980	Advanced Topics in Public Law
<i>Public Policy/Public Administration</i>	
POLS 3493	Public Policy
POLS 3613	State and Local Government
POLS 4100	Problems of Government, Politics and Public Policy
POLS 4403	Urban Politics and Management
POLS 4413	Government Budgeting
POLS 4453	Public Personnel Administration
POLS 4593	Natural Resources and Environmental Policy
<i>Political Theory and Methodology</i>	
POLS 3103	Introduction to Political Inquiry
POLS 3663	Introduction to Political Thought
POLS 4553	American Political Thought
POLS 4573	Democratic Theory
POLS 4653	Contemporary Political Thought
POLS 4670	Advanced Topics in Political Theory
POLS 4903	Senior Capstone Seminar

**Total Hours** 15

<sup>1</sup>

At least 3 of the hours must be taken in a field other than American politics, public law, and public administration.

## Additional OSU Requirements

### Undergraduate Minors

- An undergraduate minor must include between fifteen and thirty hours, inclusive of undergraduate coursework.
- A minimum of six credit hours for the minor must be earned in residence at OSU.
- The courses required for a minor may be included in the course requirements for any undergraduate degree or they may be in addition to degree requirements, depending on the overlap between the minor and degree requirements. However, an undergraduate minor must be earned in an academic field other than the student's declared degree option. The minor may not duplicate the degree major or option (for example, a student who earns a BA in Art with an Art History option may earn a minor in Studio Art but not Art History).
- A student generally follows the minor requirements associated with his or her matriculation year or newer requirements that have



been established since matriculation. The time limit for following requirements from a given academic year is six years.

For additional information on requirements on minors, click here (<https://adminfinance.okstate.edu/site-files/documents/policies/requirements-for-undergraduate-and-graduate-minors.pdf>).

# Political Science, BA

## Degree Requirements

**Requirements for Students Matriculating in or before Academic Year 2022-2023.** Learn more about University Academic Regulation 3.1 (p. 943).

**Minimum Overall Grade Point Average: 2.00**

**Total Hours: 120**

Code	Title	Hours
<b>General Education Requirements</b>		
<i>English Composition</i>		
See Academic Regulation 3.5 (p. 944)		
ENGL 1113	Composition I	3
or ENGL 1313	Critical Analysis and Writing I	
Select one of the following:		3
ENGL 1213	Composition II	
ENGL 1413	Critical Analysis and Writing II	
ENGL 3323	Technical Writing	
<i>American History &amp; Government</i>		
HIST 1103	Survey of American History	3
or HIST 1483	American History to 1865 (H)	
or HIST 1493	American History Since 1865 (DH)	
POLS 1113	American Government	3
<i>Analytical &amp; Quantitative Thought (A)</i>		
MATH or STAT course designated (A)		3
<i>Humanities (H)</i>		
Courses designated (H)		6
<i>Natural Sciences (N)</i>		
Must include one Laboratory Science (L) course		
Courses designated (N)		6
<i>Social &amp; Behavioral Sciences (S)</i>		
SPCH 2713	Introduction to Speech Communication (S)	3
or SPCH 3733	Elements of Persuasion (S)	
<i>Additional General Education</i>		
Courses designated (A), (H), (N), or (S)		10
<b>Hours Subtotal</b>		<b>40</b>
<b>Diversity (D) &amp; International Dimension (I)</b>		
May be completed in any part of the degree plan		
Select at least one Diversity (D) course		
Select at least one International Dimension (I) course		
<b>College/Departmental Requirements</b>		
<i>First Year Seminar</i>		
(Transfer students with 15 hours exempt)		1
<i>Arts &amp; Humanities</i>		
See note 2.a.		9
<i>Natural &amp; Mathematical Sciences</i>		
See note 2.b.		3
<i>Foreign Language</i>		
See note 3		9
<i>Non-Western Studies</i>		
See note 2.d.		

### Upper-Division General Education

Select 6 hours outside major department	
See note 2.c.	
<b>Hours Subtotal</b>	<b>22</b>

### Major Requirements

Minimum GPA 2.50 with a minimum grade of "C" in each course.		
<i>Core Requirements</i>		
POLS 2013	Introduction to International Relations (S)	3
or POLS 2113	Introduction to Comparative Politics (IS)	
POLS 2213	Fundamentals of Political Science	3
POLS 3103	Introduction to Political Inquiry	3
POLS 4903	Senior Capstone Seminar	3
At least 18 hours of upper-division (3000- or 4000-level) POLS (excluding core requirements listed above)		18
Upper-division courses to complete the required 39 may be POLS or any other 3000- or 4000-level courses		9
<b>Hours Subtotal</b>		<b>39</b>

### Electives

Select 19 hours		19
May need to include 6 hours upper-division general education outside major department (see note 2.c.), and 7 additional upper-division hour		
15 hours in one foreign language recommended for students focusing on International Relations		
<b>Hours Subtotal</b>		<b>19</b>
<b>Total Hours</b>		<b>120</b>

## Upper-Division POLS Courses

Code	Title	Hours
POLS 3003	The Soviet Union: History, Society and Culture(IS)	3
POLS 3033	International Law	3
POLS 3053	Introduction to Central Asia Studies (IS)	3
POLS 3090	Teaching Practicum	1-6
POLS 3100	Political Science Internship	1-6
POLS 3101	Oklahoma Intercollegiate Legislature	1
POLS 3123	Russian & Eurasian Politics (I)	3
POLS 3143	European Politics (I)	3
POLS 3163	African Politics (I)	3
POLS 3193	Latin American Politics (IS)	3
POLS 3223	Asian Politics	3
POLS 3313	Middle Eastern Politics	3
POLS 3353	Political Parties	3
POLS 3423	Voting and Elections	3
POLS 3443	Pol Campaigns And Candidacy	3
POLS 3453	U.S. Congress	3
POLS 3483	The American Presidency	3
POLS 3493	Public Policy	3
POLS 3513	Public Opinion and Polling	3
POLS 3523	Money, Media And Politics	3
POLS 3533	Lobbying: the Art of Influence and Manipulation	3
POLS 3613	State and Local Government	3

POLS 3663	Introduction to Political Thought	3
POLS 3683	Politics in Contemporary Film	3
POLS 3893	Terrorism & Counterterrorism	3
POLS 3953	Minorities in the American Political System (DS)	3
POLS 3963	State Courts and the Bar	3
POLS 3973	Race, Politics and Sports (D)	3
POLS 3983	Courts and Judicial Process (S)	3
POLS 3993	Legal Research And Analysis	3
POLS 4000	Advanced Topics in American Politics	3
POLS 4010	Advanced Topics in International Relations	3
POLS 4013	American Foreign Policy	3
POLS 4020	Advanced Topics in Comparative Politics	3
POLS 4023	Security Analysis and Briefing	3
POLS 4033	Civil Wars (I)	3
POLS 4043	Global Political Economy	3
POLS 4053	War And World Politics (I)	3
POLS 4100	Problems of Government, Politics and Public Policy	1-6
POLS 4113	International Organization	3
POLS 4223	Social Movements	3
POLS 4333	Improving Democracy: How to Reform Government by the People (S)	3
POLS 4353	Administrative Law	3
POLS 4363	Environmental Law And Policy	3
POLS 4403	Urban Politics and Management	3
POLS 4413	Government Budgeting	3
POLS 4453	Public Personnel Administration	3
POLS 4553	American Political Thought	3
POLS 4573	Democratic Theory	3
POLS 4593	Natural Resources and Environmental Policy	3
POLS 4623	Oklahoma Politics (S)	3
POLS 4653	Contemporary Political Thought	3
POLS 4693	Gender and Politics	3
POLS 4670	Advanced Topics in Political Theory	3
POLS 4963	U.S. Constitution: Civil Rights and Civil Liberties	3
POLS 4973	U.S. Constitution: Separation of Powers	3
POLS 4980	Advanced Topics in Public Law	3
POLS 4990	Independent Study	1-3
POLS 4993	Political Science Honors Thesis	3

## Other Requirements

- See the College of Arts and Sciences Requirements.
- Minimum 2.0 GPA in all POLS courses.
- **Upper-Division Credit:** Total hours must include at least 40 hours in courses numbered 3000 or above.
- **Hours in One Department:** For B.A. and B.S. degrees, no more than 54 hours in one department may be applied to degree requirements.

## College of Arts and Sciences Requirements

### 1. General Education Requirements

No more than two courses (or eight hours) from the major department (<http://catalog.okstate.edu/college-arts-sciences-major-departments/>) may be used to meet General Education and College and Departmental Requirements. The General Education required English Composition, required U.S. History, required American Government, one required MATH or STAT course, and required foreign language for B.A. degrees do not count against the two-course maximum.

### 2. A&S College/Departmental Requirements

- Arts and Humanities are defined as any course carrying an (H) designation or courses from AMST, ART, DANC, ENGL (except ENGL 3323 Technical Writing) HIST, MUSI, PHIL (except PHIL 1313 Logic and Critical Thinking (A), PHIL 3003 Symbolic Logic (A) and PHIL 4003 Mathematical Logic and Computability), REL, TH, and foreign languages.
- Natural and Mathematical Sciences are defined as any course from the following prefixes: ASTR, BIOC, BIOL, CHEM, CS (except CS 4883 Social Issues in Computing), GEOL, MATH, MICR, PBIO, PHYS, and STAT; or courses from other departments that carry an (A) or (N) general education designation.
- The required six hours of upper-division General Education may not include courses from the student's major department. This requirement may be satisfied by courses also used to satisfy any part of a student's degree program (i.e., in General Education, College Departmental Requirements, Major Requirements or Electives).
- Non-Western Studies Requirement for B.A. and B.F.A.; One 3-hour course in Non-Western Studies (N.W.). This requirement may be satisfied by courses also used to satisfy any part of a student's degree program (i.e., in General Education, College Departmental Requirements, Major Requirements or Electives).
- The College of Arts & Sciences requires a minimum 2.0 GPA in all major requirements and a minimum 2.0 GPA in all major-prefix courses applied to the degree.

### 3. Foreign Language Proficiency

- The foreign language requirement for the B.A. may be satisfied by 9 hours college credit in the same language, which must include 3 hours at the 2000-level, or equivalent proficiency (e.g., passing an advanced standing examination; TOEFL exam; presenting a high school transcript which demonstrates the high school was primarily conducted in a language other than English; etc.). Computer Science courses may not be used to satisfy this requirement. Currently Arabic and Mvskoke are not offered at the 2000-level at OSU.
- The foreign language requirement for the B.S., B.M. and B.F.A. may be satisfied by presenting a high school transcript which demonstrates two years of study of a single foreign language (passing grades at second-year level of study). It may also be satisfied by 6 hours college credit in the same language, which must include language courses 1713 and 1813, or equivalent proficiency (e.g., passing an advanced standing examination; TOEFL exam; presenting a high school transcript which demonstrates the high school was primarily conducted in a language other than English; etc.). Computer Science courses may not be used to satisfy this requirement.

- c. In addition to a. and b., students pursuing teacher certification must meet novice-high foreign language proficiency by presenting a high school transcript which demonstrates two years of study of a single foreign language with no grade below B. Or, students may complete 3 hours college credit in a single language with no grade below C (or pass an advanced standing examination, College Level Examination Program (CLEP) exam, or Oral Proficiency Interview developed by the American Council on the Teaching of Foreign Languages, equivalent to 3 hours of college credit.) Or, students may meet the requirement by transfer of documentation of meeting the foreign language competency from one of the teacher education programs in the State of Oklahoma approved by the Oklahoma State Regents for Higher Education.

#### 4. Exclusions

- Courses used to satisfy the General Education English Composition, U.S. History, American Government, and Mathematics or Statistics requirements will not count toward the 54-hour maximum allowed from one department.
- Courses with ATHL or LEIS prefixes and leisure activity courses may not be used for degree credit.

## Additional State/OSU Requirements

- At least: 60 hours at a four-year institution; 30 hours completed at OSU; 15 of the final 30 or 50% of the upper-division hours in the major field completed at OSU.
- Limit of: one-half of major course requirements as transfer work; one-fourth of hours earned by correspondence; 8 transfer correspondence hours.
- Students will be held responsible for degree requirements in effect at the time of matriculation and any changes that are made, so long as these changes do not result in semester credit hours being added or do not delay graduation.
- Degrees that follow this plan must be completed by the end of Summer 2028.

## Example Plan of Study

### Finish in Four Plan of Study

The plan below is an **example** of how students can successfully complete degree requirements in four years. This suggested class schedule plan may be used as a guide and can be adjusted based on individual needs. Students are required to meet with an academic advisor prior to enrollment each semester to plan their class schedule, and students are ultimately responsible for completing all degree requirements.

Course	Title	Hours
<b>Freshman</b>		
<b>Fall</b>		
MATH 1483 or MATH 1493 or MATH 1513 or STAT 2013 or STAT 2053	Mathematical Functions and Their Uses (A) or Applications of Modern Mathematics (A) or College Algebra (A) or Elementary Statistics (A) or Elementary Statistics for the Social Sciences (A)	3
POLS 1113	American Government	3
General Education courses		8
<b>Hours</b>		<b>14</b>
<b>Spring</b>		
POLS 2013 or POLS 2113	Introduction to International Relations (S) or Introduction to Comparative Politics (IS)	3

General Education courses		13
<b>Hours</b>		<b>16</b>
<b>Sophomore</b>		
<b>Fall</b>		
POLS 2213	Fundamentals of Political Science	3
1713 First Semester Foreign Language		3
General Education courses		9
<b>Hours</b>		<b>15</b>
<b>Spring</b>		
POLS 3103	Introduction to Political Inquiry	3
1813 Second Semester Foreign Language		3
College and Elective courses		9
<b>Hours</b>		<b>15</b>
<b>Junior</b>		
<b>Fall</b>		
2000-level Foreign Language		3
Major, College, and Elective courses		12
<b>Hours</b>		<b>15</b>
<b>Spring</b>		
Major, College, and Elective courses		15
<b>Hours</b>		<b>15</b>
<b>Senior</b>		
<b>Fall</b>		
Major, College, and Elective courses		15
<b>Hours</b>		<b>15</b>
<b>Spring</b>		
POLS 4903	Senior Capstone Seminar	3
Major, College, and Elective courses		12
<b>Hours</b>		<b>15</b>
<b>Total Hours</b>		<b>120</b>

# Political Science, BS

## Degree Requirements

**Requirements for Students Matriculating in or before Academic Year 2022-2023.** Learn more about University Academic Regulation 3.1 (p. 943).

**Minimum Overall Grade Point Average:** 2.00

**Total Hours:** 120

Code	Title	Hours
<b>General Education Requirements</b>		
<i>English Composition</i>		
See Academic Regulation 3.5 (p. 944)		
ENGL 1113	Composition I	3
or ENGL 1313	Critical Analysis and Writing I	
Select one of the following:		3
ENGL 1213	Composition II	
ENGL 1413	Critical Analysis and Writing II	
ENGL 3323	Technical Writing	
<i>American History &amp; Government</i>		
HIST 1103	Survey of American History	3
or HIST 1483	American History to 1865 (H)	
or HIST 1493	American History Since 1865 (DH)	
POLS 1113	American Government	3
<i>Analytical &amp; Quantitative Thought (A)</i>		
MATH or STAT course designated (A)		3
<i>Humanities (H)</i>		
Courses designated (H)		6
<i>Natural Sciences (N)</i>		
Must include one Laboratory Science (L) course		
Courses designated (N)		6
<i>Social &amp; Behavioral Sciences (S)</i>		
SPCH 2713	Introduction to Speech Communication (S)	3
or SPCH 3733	Elements of Persuasion (S)	
<i>Additional General Education</i>		
Courses designated (A), (H), (N), or (S)		10
<b>Hours Subtotal</b>		<b>40</b>
<b>Diversity (D) &amp; International Dimension (I)</b>		
May be completed in any part of the degree plan		
Select at least one Diversity (D) course		
Select at least one International Dimension (I) course		
<b>College/Departmental Requirements</b>		
<i>First Year Seminar</i>		
(Transfer students with 15 hours exempt)		1
<i>Arts &amp; Humanities</i>		
See note 2.a.		3
<i>Natural &amp; Mathematical Sciences</i>		
See note 2.b.		9
<i>Foreign Language</i>		
See note 3		
0-6 hours		
<i>Upper-Division General Education</i>		

Select 6 hours outside major department

See note 2.c.		
<b>Hours Subtotal</b>		<b>13</b>
<b>Major Requirements</b>		
Minimum GPA 2.50 with a minimum grade of "C" in each course.		
<i>Core Requirements</i>		
POLS 2013	Introduction to International Relations (S)	3
or POLS 2113	Introduction to Comparative Politics (IS)	
POLS 2213	Fundamentals of Political Science	3
POLS 3103	Introduction to Political Inquiry	3
POLS 4903	Senior Capstone Seminar	3
At least 18 hours of upper-division (3000- or 4000-level) POLS (excluding core requirements listed above)		18
Upper-division courses to complete the required 39 may be POLS or any other 3000- or 4000-level courses <sup>1</sup>		9
<b>Hours Subtotal</b>		<b>39</b>
<b>Electives</b>		
Select 28 hours <sup>1</sup>		28
May need to include 6 hours of a foreign language (see note 3)		
May need to include 6 hours upper-division general education outside major department. (see note 2.c.), and 7 additional upper-division hour		
15 hours in one foreign language recommended for students focusing on International Relations		
<b>Hours Subtotal</b>		<b>28</b>
<b>Total Hours</b>		<b>120</b>

1

With approval from the advisor and department head, a maximum of 30 hours from an accredited doctoral law program may be used for these areas.

## Upper-Division POLS Courses

Code	Title	Hours
POLS 3003	The Soviet Union: History, Society and Culture(IS)	3
POLS 3033	International Law	3
POLS 3053	Introduction to Central Asia Studies (IS)	3
POLS 3090	Teaching Practicum	1-6
POLS 3100	Political Science Internship	1-6
POLS 3101	Oklahoma Intercollegiate Legislature	1
POLS 3123	Russian & Eurasian Politics (I)	3
POLS 3143	European Politics (I)	3
POLS 3163	African Politics (I)	3
POLS 3193	Latin American Politics (IS)	3
POLS 3223	Asian Politics	3
POLS 3313	Middle Eastern Politics	3
POLS 3353	Political Parties	3
POLS 3423	Voting and Elections	3
POLS 3443	Pol Campaigns And Candidacy	3
POLS 3453	U.S. Congress	3
POLS 3483	The American Presidency	3
POLS 3493	Public Policy	3
POLS 3513	Public Opinion and Polling	3

POLS 3523	Money, Media And Politics	3
POLS 3533	Lobbying: the Art of Influence and Manipulation	3
POLS 3613	State and Local Government	3
POLS 3663	Introduction to Political Thought	3
POLS 3683	Politics in Contemporary Film	3
POLS 3893	Terrorism & Counterterrorism	3
POLS 3953	Minorities in the American Political System (DS)	3
POLS 3963	State Courts and the Bar	3
POLS 3973	Race, Politics and Sports (D)	3
POLS 3983	Courts and Judicial Process (S)	3
POLS 3993	Legal Research And Analysis	3
POLS 4000	Advanced Topics in American Politics	3
POLS 4010	Advanced Topics in International Relations	3
POLS 4013	American Foreign Policy	3
POLS 4020	Advanced Topics in Comparative Politics	3
POLS 4023	Security Analysis and Briefing	3
POLS 4033	Civil Wars (I)	3
POLS 4043	Global Political Economy	3
POLS 4053	War And World Politics (I)	3
POLS 4100	Problems of Government, Politics and Public Policy	1-6
POLS 4113	International Organization	3
POLS 4223	Social Movements	3
POLS 4333	Improving Democracy: How to Reform Government by the People (S)	3
POLS 4353	Administrative Law	3
POLS 4363	Environmental Law And Policy	3
POLS 4403	Urban Politics and Management	3
POLS 4413	Government Budgeting	3
POLS 4453	Public Personnel Administration	3
POLS 4553	American Political Thought	3
POLS 4573	Democratic Theory	3
POLS 4593	Natural Resources and Environmental Policy	3
POLS 4623	Oklahoma Politics (S)	3
POLS 4653	Contemporary Political Thought	3
POLS 4670	Advanced Topics in Political Theory	3
POLS 4693	Gender and Politics	3
POLS 4963	U.S. Constitution: Civil Rights and Civil Liberties	3
POLS 4973	U.S. Constitution: Separation of Powers	3
POLS 4980	Advanced Topics in Public Law	3
POLS 4990	Independent Study	1-3
POLS 4993	Political Science Honors Thesis	3

- **Hours in One Department:** For B.A. and B.S. degrees, no more than 54 hours in one department may be applied to degree requirements.

## College of Arts and Sciences Requirements

### 1. General Education Requirements

No more than two courses (or eight hours) from the major department (<http://catalog.okstate.edu/college-arts-sciences-major-departments/>) may be used to meet General Education and College and Departmental Requirements. The General Education required English Composition, required U.S. History, required American Government, one required MATH or STAT course, and required foreign language for B.A. degrees do not count against the two-course maximum.

### 2. A&S College/Departmental Requirements

- Arts and Humanities are defined as any course carrying an (H) designation or courses from AMST, ART, DANC, ENGL (except ENGL 3323 Technical Writing) HIST, MUSI, PHIL (except PHIL 1313 Logic and Critical Thinking (A), PHIL 3003 Symbolic Logic (A) and PHIL 4003 Mathematical Logic and Computability), REL, TH, and foreign languages.
- Natural and Mathematical Sciences are defined as any course from the following prefixes: ASTR, BIOC, BIOL, CHEM, CS (except CS 4883 Social Issues in Computing), GEOL, MATH, MICR, PBIO, PHYS, and STAT; or courses from other departments that carry an (A) or (N) general education designation.
- The required six hours of upper-division General Education may not include courses from the student's major department. This requirement may be satisfied by courses also used to satisfy any part of a student's degree program (i.e., in General Education, College Departmental Requirements, Major Requirements or Electives).
- Non-Western Studies Requirement for B.A. and B.F.A.; One 3-hour course in Non-Western Studies (N.W.). This requirement may be satisfied by courses also used to satisfy any part of a student's degree program (i.e., in General Education, College Departmental Requirements, Major Requirements or Electives).
- The College of Arts & Sciences requires a minimum 2.0 GPA in all major requirements and a minimum 2.0 GPA in all major-prefix courses applied to the degree.

### 3. Foreign Language Proficiency

- The foreign language requirement for the B.A. may be satisfied by 9 hours college credit in the same language, which must include 3 hours at the 2000-level, or equivalent proficiency (e.g., passing an advanced standing examination; TOEFL exam; presenting a high school transcript which demonstrates the high school was primarily conducted in a language other than English; etc.). Computer Science courses may not be used to satisfy this requirement. Currently Arabic and Mvskoke are not offered at the 2000-level at OSU.
- The foreign language requirement for the B.S., B.M. and B.F.A. may be satisfied by presenting a high school transcript which demonstrates two years of study of a single foreign language (passing grades at second-year level of study). It may also be satisfied by 6 hours college credit in the same language, which must include language courses 1713 and 1813, or equivalent proficiency (e.g., passing an advanced standing examination; TOEFL exam; presenting a high school transcript which demonstrates the high school was primarily conducted in

## Other Requirements

- See the College of Arts and Sciences Requirements.
- Minimum 2.0 GPA in all POLS courses.
- **Upper-Division Credit:** Total hours must include at least 40 hours in courses numbered 3000 or above.



a language other than English; etc.). Computer Science courses may not be used to satisfy this requirement.

- c. In addition to a. and b., students pursuing teacher certification must meet novice-high foreign language proficiency by presenting a high school transcript which demonstrates two years of study of a single foreign language with no grade below B. Or, students may complete 3 hours college credit in a single language with no grade below C (or pass an advanced standing examination, College Level Examination Program (CLEP) exam, or Oral Proficiency Interview developed by the American Council on the Teaching of Foreign Languages, equivalent to 3 hours of college credit.) Or, students may meet the requirement by transfer of documentation of meeting the foreign language competency from one of the teacher education programs in the State of Oklahoma approved by the Oklahoma State Regents for Higher Education.

**4. Exclusions**

- a. Courses used to satisfy the General Education English Composition, U.S. History, American Government, and Mathematics or Statistics requirements will not count toward the 54-hour maximum allowed from one department.
- b. Courses with ATHL or LEIS prefixes and leisure activity courses may not be used for degree credit.

## Additional State/OSU Requirements

- At least: 60 hours at a four-year institution; 30 hours completed at OSU; 15 of the final 30 or 50% of the upper-division hours in the major field completed at OSU.
- Limit of: one-half of major course requirements as transfer work; one-fourth of hours earned by correspondence; 8 transfer correspondence hours.
- Students will be held responsible for degree requirements in effect at the time of matriculation and any changes that are made, so long as these changes do not result in semester credit hours being added or do not delay graduation.
- Degrees that follow this plan must be completed by the end of Summer 2028.

## Example Plan of Study

### Finish in Four Plan of Study

The plan below is an **example** of how students can successfully complete degree requirements in four years. This suggested class schedule plan may be used as a guide and can be adjusted based on individual needs. Students are required to meet with an academic advisor prior to enrollment each semester to plan their class schedule, and students are ultimately responsible for completing all degree requirements.

Course	Title	Hours
<b>Freshman</b>		
<b>Fall</b>		
MATH 1483 or MATH 1493 or MATH 1513 or STAT 2013 or STAT 2053	Mathematical Functions and Their Uses (A) or Applications of Modern Mathematics (A) or College Algebra (A) or Elementary Statistics (A) or Elementary Statistics for the Social Sciences (A)	3
POLS 1113	American Government	3
General Education courses		10
<b>Hours</b>		<b>16</b>

<b>Spring</b>		
POLS 2013 or POLS 2113	Introduction to International Relations (S) or Introduction to Comparative Politics (IS)	3
General Education courses		11
<b>Hours</b>		<b>14</b>
<b>Sophomore</b>		
<b>Fall</b>		
POLS 2213	Fundamentals of Political Science	3
General Education courses		12
<b>Hours</b>		<b>15</b>
<b>Spring</b>		
POLS 3103	Introduction to Political Inquiry	3
College and Elective courses		12
<b>Hours</b>		<b>15</b>
<b>Junior</b>		
<b>Fall</b>		
Major, College, and Elective courses		15
<b>Hours</b>		<b>15</b>
<b>Spring</b>		
Major, College, and Elective courses		15
<b>Hours</b>		<b>15</b>
<b>Senior</b>		
<b>Fall</b>		
Major, College, and Elective courses		15
<b>Hours</b>		<b>15</b>
<b>Spring</b>		
POLS 4903	Senior Capstone Seminar	3
Major, College, and Elective courses		12
<b>Hours</b>		<b>15</b>
<b>Total Hours</b>		<b>120</b>

## Political Science: Global Politics, BA

### Degree Requirements

**Requirements for Students Matriculating in or before Academic Year 2022-2023.** Learn more about University Academic Regulation 3.1 (p. 943).

**Minimum Overall Grade Point Average:** 2.00

**Total Hours:** 120

Code	Title	Hours
<b>General Education Requirements</b>		
<i>English Composition</i>		
See Academic Regulation 3.5 (p. 944)		
ENGL 1113	Composition I	3
or ENGL 1313	Critical Analysis and Writing I	
ENGL 1213	Composition II	3
or ENGL 1413	Critical Analysis and Writing II	
or ENGL 3323	Technical Writing	
<i>American History &amp; Government</i>		
HIST 1103	Survey of American History	3
or HIST 1483	American History to 1865 (H)	
or HIST 1493	American History Since 1865 (DH)	
POLS 1113	American Government	3
<i>Analytical &amp; Quantitative Thought (A)</i>		
MATH or STAT course designated (A)		3
<i>Humanities (H)</i>		
Courses designated (H)		6
<i>Natural Sciences (N)</i>		
Must include one Laboratory Science (L) course		
Courses designated (N)		6
<i>Social &amp; Behavioral Sciences (S)</i>		
SPCH 2713	Introduction to Speech Communication (S)	3
or SPCH 3733	Elements of Persuasion (S)	
<i>Additional General Education</i>		
Courses designated (A), (H), (N), or (S)		10
<b>Hours Subtotal</b>		<b>40</b>
<b>Diversity (D) &amp; International Dimension (I)</b>		
May be completed in any part of the degree plan		
Select at least one Diversity (D) course		
Select at least one International Dimension (I) course		
<b>College/Departmental Requirements</b>		
<i>First Year Seminar</i>		
(Transfer students with 15 hours exempt)		1
<i>Arts &amp; Humanities</i>		
See note 2.a.		9
<i>Natural &amp; Mathematical Sciences</i>		
See note 2.b.		3
<i>Foreign Language</i>		
9 hours. See note 3.		9
<i>Non-Western Studies</i>		
See note 2.d.		
Upper-Division General Education		

Select 6 hours outside major department. See note 2.c.

<b>Hours Subtotal</b>		<b>22</b>
<b>Major Requirements</b>		
Minimum GPA 2.50 with a minimum grade of "C" in each course.		
<i>Core Requirements</i>		
POLS 2013	Introduction to International Relations (S)	3
POLS 2113	Introduction to Comparative Politics (IS)	3
POLS 2213	Fundamentals of Political Science	3
POLS 3103	Introduction to Political Inquiry	3
POLS 4043	Global Political Economy	3
POLS 4903	Senior Capstone Seminar	3
Select 12 hours from:		12
POLS 2010	Topics in International Relations (I)	
POLS 2110	Topics in Comparative Politics (I)	
POLS 3033	International Law	
POLS 3053	Introduction to Central Asia Studies (IS)	
POLS 3123	Russian & Eurasian Politics (I)	
POLS 3143	European Politics (I)	
POLS 3163	African Politics (I)	
POLS 3193	Latin American Politics (IS)	
POLS 3223	Asian Politics	
POLS 3313	Middle Eastern Politics	
POLS 3893	Terrorism & Counterterrorism	
POLS 4010	Advanced Topics in International Relations	
POLS 4013	American Foreign Policy	
POLS 4113	International Organization	
POLS 4020	Advanced Topics in Comparative Politics	
POLS 4053	War And World Politics (I)	
Select 9 hours of upper-division courses.		9
<b>Hours Subtotal</b>		<b>39</b>
<b>Electives</b>		
Select 19 hours.		19
May need to include 6 hours upper-division general education outside major department (see note 2.c.), and 10 additional upper-division hours.		
<b>Hours Subtotal</b>		<b>19</b>
<b>Total Hours</b>		<b>120</b>

### Other Requirements

- See the College of Arts and Sciences Requirements.
- Minimum 2.0 GPA in all POLS courses.
- **Upper-Division Credit:** Total hours must include at least 40 hours in courses numbered 3000 or above.
- **Hours in One Department:** For B.A. and B.S. degrees, no more than 54 hours in one department may be applied to degree requirements.

### College of Arts and Sciences Requirements

#### 1. General Education Requirements

No more than two courses (or eight hours) from the major department (<http://catalog.okstate.edu/college-arts-sciences-major-departments/>) may be used to meet General Education and College and Departmental Requirements. The General Education required

English Composition, required U.S. History, required American Government, one required MATH or STAT course, and required foreign language for B.A. degrees do not count against the two-course maximum.

**2. A&S College/Departmental Requirements**

- a. Arts and Humanities are defined as any course carrying an (H) designation or courses from AMST, ART, DANC, ENGL (except ENGL 3323 Technical Writing) HIST, MUSI, PHIL (except PHIL 1313 Logic and Critical Thinking (A), PHIL 3003 Symbolic Logic (A) and PHIL 4003 Mathematical Logic and Computability), REL, TH, and foreign languages.
- b. Natural and Mathematical Sciences are defined as any course from the following prefixes: ASTR, BIOC, BIOL, CHEM, CS (except CS 4883 Social Issues in Computing), GEOL, MATH, MICR, PBIO, PHYS, and STAT; or courses from other departments that carry an (A) or (N) general education designation.
- c. The required six hours of upper-division General Education may not include courses from the student's major department. This requirement may be satisfied by courses also used to satisfy any part of a student's degree program (i.e., in General Education, College Departmental Requirements, Major Requirements or Electives).
- d. Non-Western Studies Requirement for B.A. and B.F.A.; One 3-hour course in Non-Western Studies (N.W.). This requirement may be satisfied by courses also used to satisfy any part of a student's degree program (i.e., in General Education, College Departmental Requirements, Major Requirements or Electives).
- e. The College of Arts & Sciences requires a minimum 2.0 GPA in all major requirements and a minimum 2.0 GPA in all major-prefix courses applied to the degree.

**3. Foreign Language Proficiency**

- a. The foreign language requirement for the B.A. may be satisfied by 9 hours college credit in the same language, which must include 3 hours at the 2000-level, or equivalent proficiency (e.g., passing an advanced standing examination; TOEFL exam; presenting a high school transcript which demonstrates the high school was primarily conducted in a language other than English; etc.). Computer Science courses may not be used to satisfy this requirement. Currently Arabic and Mvskoke are not offered at the 2000-level at OSU.
- b. The foreign language requirement for the B.S., B.M. and B.F.A. may be satisfied by presenting a high school transcript which demonstrates two years of study of a single foreign language (passing grades at second-year level of study). It may also be satisfied by 6 hours college credit in the same language, which must include language courses 1713 and 1813, or equivalent proficiency (e.g., passing an advanced standing examination; TOEFL exam; presenting a high school transcript which demonstrates the high school was primarily conducted in a language other than English; etc.). Computer Science courses may not be used to satisfy this requirement.
- c. In addition to a. and b., students pursuing teacher certification must meet novice-high foreign language proficiency by presenting a high school transcript which demonstrates two years of study of a single foreign language with no grade below B. Or, students may complete 3 hours college credit in a single language with no grade below C (or pass an advanced standing examination, College Level Examination Program (CLEP) exam, or Oral Proficiency Interview developed by the American Council on the Teaching of Foreign Languages, equivalent to 3 hours of

college credit.) Or, students may meet the requirement by transfer of documentation of meeting the foreign language competency from one of the teacher education programs in the State of Oklahoma approved by the Oklahoma State Regents for Higher Education.

**4. Exclusions**

- a. Courses used to satisfy the General Education English Composition, U.S. History, American Government, and Mathematics or Statistics requirements will not count toward the 54-hour maximum allowed from one department.
- b. Courses with ATHL or LEIS prefixes and leisure activity courses may not be used for degree credit.

## Additional State/OSU Requirements

- At least: 60 hours at a four-year institution; 30 hours completed at OSU; 15 of the final 30 or 50% of the upper-division hours in the major field completed at OSU.
- Limit of: one-half of major course requirements as transfer work; one-fourth of hours earned by correspondence; 8 transfer correspondence hours.
- Students will be held responsible for degree requirements in effect at the time of matriculation and any changes that are made, so long as these changes do not result in semester credit hours being added or do not delay graduation.
- Degrees that follow this plan must be completed by the end of Summer 2028.

## Example Plan of Study

### Finish in Four Plan of Study

The plan below is an **example** of how students can successfully complete degree requirements in four years. This suggested class schedule plan may be used as a guide and can be adjusted based on individual needs. Students are required to meet with an academic advisor prior to enrollment each semester to plan their class schedule, and students are ultimately responsible for completing all degree requirements.

Course	Title	Hours
<b>Freshman</b>		
<b>Fall</b>		
MATH 1483 or MATH 1493 or MATH 1513 or STAT 2013 or STAT 2053	Mathematical Functions and Their Uses (A) or Applications of Modern Mathematics (A) or College Algebra (A) or Elementary Statistics (A) or Elementary Statistics for the Social Sciences (A)	3
POLS 1113	American Government	3
General Education courses		8
		<b>Hours</b>
		<b>14</b>
<b>Spring</b>		
POLS 2013 or POLS 2113	Introduction to International Relations (S) or Introduction to Comparative Politics (IS)	3
General Education courses		13
		<b>Hours</b>
		<b>16</b>
<b>Sophomore</b>		
<b>Fall</b>		
POLS 2213	Fundamentals of Political Science	3
1713 First Semester Foreign Language		3
General Education courses		9
		<b>Hours</b>
		<b>15</b>
<b>Spring</b>		
POLS 3103	Introduction to Political Inquiry	3

1813 Second Semester Foreign Language	3
College and Elective courses	9
<b>Hours</b>	<b>15</b>
<b>Junior</b>	
<b>Fall</b>	
2000-level Foreign Language	3
Major, College, and Elective courses	12
<b>Hours</b>	<b>15</b>
<b>Spring</b>	
Major, College, and Elective courses	15
<b>Hours</b>	<b>15</b>
<b>Senior</b>	
<b>Fall</b>	
Major, College, and Elective courses	15
<b>Hours</b>	<b>15</b>
<b>Spring</b>	
POLS 4903 Senior Capstone Seminar	3
Major, College, and Elective courses	12
<b>Hours</b>	<b>15</b>
<b>Total Hours</b>	<b>120</b>

## Political Science: Global Politics, BS

### Degree Requirements

**Requirements for Students Matriculating in or before Academic Year 2022-2023.** Learn more about University Academic Regulation 3.1 (p. 943).

**Minimum Overall Grade Point Average:** 2.00

**Total Hours:** 120

Code	Title	Hours
<b>General Education Requirements</b>		
<i>English Composition</i>		
See Academic Regulation 3.5 (p. 944)		
ENGL 1113	Composition I	3
or ENGL 1313	Critical Analysis and Writing I	
ENGL 1213	Composition II	3
or ENGL 1413	Critical Analysis and Writing II	
or ENGL 3323	Technical Writing	
<i>American History &amp; Government</i>		
HIST 1103	Survey of American History	3
or HIST 1483	American History to 1865 (H)	
or HIST 1493	American History Since 1865 (DH)	
POLS 1113	American Government	3
<i>Analytical &amp; Quantitative Thought (A)</i>		
MATH or STAT course designated (A)		3
<i>Humanities (H)</i>		
Courses designated (H)		6
<i>Natural Sciences (N)</i>		
Must include one Laboratory Science (L) course		
Courses designated (N)		6
<i>Social &amp; Behavioral Sciences (S)</i>		
SPCH 2713	Introduction to Speech Communication (S)	3
or SPCH 3733	Elements of Persuasion (S)	
<i>Additional General Education</i>		
Courses designated (A), (H), (N), or (S)		10
<b>Hours Subtotal</b>		<b>40</b>
<b>Diversity (D) &amp; International Dimension (I)</b>		
May be completed in any part of the degree plan		
Select at least one Diversity (D) course		
Select at least one International Dimension (I) course		
<b>College/Departmental Requirements</b>		
<i>First Year Seminar</i>		
(Transfer students with 15 hours exempt)		1
<i>Arts &amp; Humanities</i>		
See note 2.a.		3
<i>Natural &amp; Mathematical Sciences</i>		
See note 2.b.		9
<i>Foreign Language</i>		
0-6 hours. See note 3.		
<i>Upper-Division General Education</i>		
Select 6 hours outside major department. See note 2.c.		
<b>Hours Subtotal</b>		<b>13</b>

### Major Requirements

Minimum GPA 2.50 with a minimum grade of "C" in each course.

#### Core Requirements

POLS 2013	Introduction to International Relations (S)	3
POLS 2113	Introduction to Comparative Politics (IS)	3
POLS 2213	Fundamentals of Political Science	3
POLS 3103	Introduction to Political Inquiry	3
POLS 4043	Global Political Economy	3
POLS 4903	Senior Capstone Seminar	3

Select 12 hours from:

POLS 2010	Topics in International Relations (I)	
POLS 2110	Topics in Comparative Politics (I)	
POLS 3033	International Law	
POLS 3053	Introduction to Central Asia Studies (IS)	
POLS 3123	Russian & Eurasian Politics (I)	
POLS 3143	European Politics (I)	
POLS 3163	African Politics (I)	
POLS 3193	Latin American Politics (IS)	
POLS 3223	Asian Politics	
POLS 3313	Middle Eastern Politics	
POLS 3893	Terrorism & Counterterrorism	
POLS 4010	Advanced Topics in International Relations	
POLS 4013	American Foreign Policy	
POLS 4020	Advanced Topics in Comparative Politics	
POLS 4113	International Organization	
POLS 4053	War And World Politics (I)	

Select 9 hours of upper-division courses. <sup>1</sup> 9

**Hours Subtotal** 39

### Electives

Select 28 hours. <sup>1</sup> 28

May need to include 6 hours of a foreign language (see note 3).

May need to include 6 hours upper-division general education outside major department (see note 2.c.), and 10 additional upper-division hours.

**Hours Subtotal** 28

**Total Hours** 120

1

With approval from the advisor and department head, a maximum of 30 hours from an accredited doctoral law program may be used for these areas.

### Other Requirements

- See the College of Arts and Sciences Requirements.
- Minimum 2.0 GPA in all POLS courses.
- **Upper-Division Credit:** Total hours must include at least 40 hours in courses numbered 3000 or above.
- **Hours in One Department:** For B.A. and B.S. degrees, no more than 54 hours in one department may be applied to degree requirements.

# College of Arts and Sciences Requirements

## 1. General Education Requirements

No more than two courses (or eight hours) from the major department (<http://catalog.okstate.edu/college-arts-sciences-major-departments/>) may be used to meet General Education and College and Departmental Requirements. The General Education required English Composition, required U.S. History, required American Government, one required MATH or STAT course, and required foreign language for B.A. degrees do not count against the two-course maximum.

## 2. A&S College/Departmental Requirements

- Arts and Humanities are defined as any course carrying an (H) designation or courses from AMST, ART, DANC, ENGL (except ENGL 3323 Technical Writing) HIST, MUSI, PHIL (except PHIL 1313 Logic and Critical Thinking (A), PHIL 3003 Symbolic Logic (A) and PHIL 4003 Mathematical Logic and Computability), REL, TH, and foreign languages.
- Natural and Mathematical Sciences are defined as any course from the following prefixes: ASTR, BIOC, BIOL, CHEM, CS (except CS 4883 Social Issues in Computing), GEOL, MATH, MICR, PBIO, PHYS, and STAT; or courses from other departments that carry an (A) or (N) general education designation.
- The required six hours of upper-division General Education may not include courses from the student's major department. This requirement may be satisfied by courses also used to satisfy any part of a student's degree program (i.e., in General Education, College Departmental Requirements, Major Requirements or Electives).
- Non-Western Studies Requirement for B.A. and B.F.A.; One 3-hour course in Non-Western Studies (N.W.). This requirement may be satisfied by courses also used to satisfy any part of a student's degree program (i.e., in General Education, College Departmental Requirements, Major Requirements or Electives).
- The College of Arts & Sciences requires a minimum 2.0 GPA in all major requirements and a minimum 2.0 GPA in all major-prefix courses applied to the degree.

## 3. Foreign Language Proficiency

- The foreign language requirement for the B.A. may be satisfied by 9 hours college credit in the same language, which must include 3 hours at the 2000-level, or equivalent proficiency (e.g., passing an advanced standing examination; TOEFL exam; presenting a high school transcript which demonstrates the high school was primarily conducted in a language other than English; etc.). Computer Science courses may not be used to satisfy this requirement. Currently Arabic and Mvskoke are not offered at the 2000-level at OSU.
- The foreign language requirement for the B.S., B.M. and B.F.A. may be satisfied by presenting a high school transcript which demonstrates two years of study of a single foreign language (passing grades at second-year level of study). It may also be satisfied by 6 hours college credit in the same language, which must include language courses 1713 and 1813, or equivalent proficiency (e.g., passing an advanced standing examination; TOEFL exam; presenting a high school transcript which demonstrates the high school was primarily conducted in a language other than English; etc.). Computer Science courses may not be used to satisfy this requirement.

- In addition to a. and b., students pursuing teacher certification must meet novice-high foreign language proficiency by presenting a high school transcript which demonstrates two years of study of a single foreign language with no grade below B. Or, students may complete 3 hours college credit in a single language with no grade below C (or pass an advanced standing examination, College Level Examination Program (CLEP) exam, or Oral Proficiency Interview developed by the American Council on the Teaching of Foreign Languages, equivalent to 3 hours of college credit.) Or, students may meet the requirement by transfer of documentation of meeting the foreign language competency from one of the teacher education programs in the State of Oklahoma approved by the Oklahoma State Regents for Higher Education.

## 4. Exclusions

- Courses used to satisfy the General Education English Composition, U.S. History, American Government, and Mathematics or Statistics requirements will not count toward the 54-hour maximum allowed from one department.
- Courses with ATHL or LEIS prefixes and leisure activity courses may not be used for degree credit.

## Additional State/OSU Requirements

- At least: 60 hours at a four-year institution; 30 hours completed at OSU; 15 of the final 30 or 50% of the upper-division hours in the major field completed at OSU.
- Limit of: one-half of major course requirements as transfer work; one-fourth of hours earned by correspondence; 8 transfer correspondence hours.
- Students will be held responsible for degree requirements in effect at the time of matriculation and any changes that are made, so long as these changes do not result in semester credit hours being added or do not delay graduation.
- Degrees that follow this plan must be completed by the end of Summer 2028.

## Example Plan of Study

### Finish in Four Plan of Study

The plan below is an **example** of how students can successfully complete degree requirements in four years. This suggested class schedule plan may be used as a guide and can be adjusted based on individual needs. Students are required to meet with an academic advisor prior to enrollment each semester to plan their class schedule, and students are ultimately responsible for completing all degree requirements.

Course	Title	Hours
<b>Freshman</b>		
<b>Fall</b>		
MATH 1483 or MATH 1493 or MATH 1513 or STAT 2013 or STAT 2053	Mathematical Functions and Their Uses (A) or Applications of Modern Mathematics (A) or College Algebra (A) or Elementary Statistics (A) or Elementary Statistics for the Social Sciences (A)	3
POLS 1113	American Government	3
General Education courses		10
		<b>Hours</b>
		<b>16</b>
<b>Spring</b>		
POLS 2013 or POLS 2113	Introduction to International Relations (S) or Introduction to Comparative Politics (IS)	3



General Education courses		11
<b>Hours</b>		<b>14</b>
<b>Sophomore</b>		
<b>Fall</b>		
POLS 2213	Fundamentals of Political Science	3
General Education courses		12
<b>Hours</b>		<b>15</b>
<b>Spring</b>		
POLS 3103	Introduction to Political Inquiry	3
College and Elective courses		12
<b>Hours</b>		<b>15</b>
<b>Junior</b>		
<b>Fall</b>		
Major, College, and Elective courses		15
<b>Hours</b>		<b>15</b>
<b>Spring</b>		
Major, College, and Elective courses		15
<b>Hours</b>		<b>15</b>
<b>Senior</b>		
<b>Fall</b>		
Major, College, and Elective courses		15
<b>Hours</b>		<b>15</b>
<b>Spring</b>		
POLS 4903	Senior Capstone Seminar	3
Major, College, and Elective courses		12
<b>Hours</b>		<b>15</b>
<b>Total Hours</b>		<b>120</b>

# Political Science: Practical Politics - Campaigning, Lobbying and Policymaking, BA

## Degree Requirements

Requirements for Students Matriculating in or before Academic Year 2022-2023. Learn more about University Academic Regulation 3.1 (p. 943).

Minimum Overall Grade Point Average: 2.00

Total Hours: 120

Code	Title	Hours
<b>General Education Requirements</b>		
<i>English Composition</i>		
See Academic Regulation 3.5 (p. 944)		
ENGL 1113	Composition I	3
or ENGL 1313	Critical Analysis and Writing I	
ENGL 1213	Composition II	3
or ENGL 1413	Critical Analysis and Writing II	
or ENGL 3323	Technical Writing	
<i>American History &amp; Government</i>		
HIST 1103	Survey of American History	3
or HIST 1483	American History to 1865 (H)	
or HIST 1493	American History Since 1865 (DH)	
POLS 1113	American Government	3
<i>Analytical &amp; Quantitative Thought (A)</i>		
MATH or STAT course designated (A)		3
<i>Humanities (H)</i>		
Courses designated (H)		6
<i>Natural Sciences (N)</i>		
Must include one Laboratory Science (L) course		
Courses designated (N)		6
<i>Social &amp; Behavioral Sciences (S)</i>		
SPCH 2713	Introduction to Speech Communication (S)	3
or SPCH 3733	Elements of Persuasion (S)	
<i>Additional General Education</i>		
Courses designated (A), (H), (N), or (S)		10
<b>Hours Subtotal</b>		<b>40</b>

### Diversity (D) & International Dimension (I)

May be completed in any part of the degree plan

Select at least one Diversity (D) course

Select at least one International Dimension (I) course

### College/Departmental Requirements

<i>First Year Seminar</i>	1
(Transfer students with 15 hours exempt)	
<i>Arts &amp; Humanities</i>	9
See note 2.a.	
<i>Natural &amp; Mathematical Sciences</i>	3
See note 2.b.	
<i>Foreign Language</i>	9
See note 3.	

### Non-Western Studies

See note 2.d.

### Upper-Division General Education

Select 6 hours outside major department. See note 2.c.

**Hours Subtotal** 22

### Major Requirements

Minimum GPA 2.50 with a minimum grade of "C" in each course.

#### Core Requirements

POLS 2013	Introduction to International Relations (S)	3
POLS 2113	Introduction to Comparative Politics (IS)	3
POLS 2213	Fundamentals of Political Science	3
POLS 3103	Introduction to Political Inquiry	3
POLS 3443	Pol Campaigns And Candidacy	3
or POLS 3533	Lobbying: the Art of Influence and Manipulation	
POLS 3493	Public Policy	3
POLS 3513	Public Opinion and Polling	3
POLS 4903	Senior Capstone Seminar	3
9 hours from:		9
POLS 3100	Political Science Internship	
POLS 3353	Political Parties	
POLS 3423	Voting and Elections	
POLS 3443	Pol Campaigns And Candidacy	
POLS 3453	U.S. Congress	
POLS 3523	Money, Media And Politics	
POLS 3533	Lobbying: the Art of Influence and Manipulation	
POLS 3613	State and Local Government	
POLS 4333	Improving Democracy: How to Reform Government by the People (S)	

9 hours of upper-division courses from POLS or any other 3000- or 4000-level course

**Hours Subtotal** 42

### Electives

Select 16 hours. 16

May need to include 6 hours upper-division general education outside major department (see note 2.c.), and 7 additional upper-division hours.

**Hours Subtotal** 16

**Total Hours** 120

## Other Requirements

- See the College of Arts and Sciences Requirements.
- Minimum 2.0 GPA in all POLS courses.
- **Upper-Division Credit:** Total hours must include at least 40 hours in courses numbered 3000 or above.
- **Hours in One Department:** For B.A. and B.S. degrees, no more than 54 hours in one department may be applied to degree requirements.

## College of Arts and Sciences Requirements

### 1. General Education Requirements

No more than two courses (or eight hours) from the major department (<http://catalog.okstate.edu/college-arts-sciences-major>)

departments/) may be used to meet General Education and College and Departmental Requirements. The General Education required English Composition, required U.S. History, required American Government, one required MATH or STAT course, and required foreign language for B.A. degrees do not count against the two-course maximum.

**2. A&S College/Departmental Requirements**

- a. Arts and Humanities are defined as any course carrying an (H) designation or courses from AMST, ART, DANC, ENGL (except ENGL 3323 Technical Writing) HIST, MUSI, PHIL (except PHIL 1313 Logic and Critical Thinking (A), PHIL 3003 Symbolic Logic (A) and PHIL 4003 Mathematical Logic and Computability), REL, TH, and foreign languages.
- b. Natural and Mathematical Sciences are defined as any course from the following prefixes: ASTR, BIOC, BIOL, CHEM, CS (except CS 4883 Social Issues in Computing), GEOL, MATH, MICR, PBIO, PHYS, and STAT; or courses from other departments that carry an (A) or (N) general education designation.
- c. The required six hours of upper-division General Education may not include courses from the student's major department. This requirement may be satisfied by courses also used to satisfy any part of a student's degree program (i.e., in General Education, College Departmental Requirements, Major Requirements or Electives).
- d. Non-Western Studies Requirement for B.A. and B.F.A.; One 3-hour course in Non-Western Studies (N.W.). This requirement may be satisfied by courses also used to satisfy any part of a student's degree program (i.e., in General Education, College Departmental Requirements, Major Requirements or Electives).
- e. The College of Arts & Sciences requires a minimum 2.0 GPA in all major requirements and a minimum 2.0 GPA in all major-prefix courses applied to the degree.

**3. Foreign Language Proficiency**

- a. The foreign language requirement for the B.A. may be satisfied by 9 hours college credit in the same language, which must include 3 hours at the 2000-level, or equivalent proficiency (e.g., passing an advanced standing examination; TOEFL exam; presenting a high school transcript which demonstrates the high school was primarily conducted in a language other than English; etc.). Computer Science courses may not be used to satisfy this requirement. Currently Arabic and Mvskoke are not offered at the 2000-level at OSU.
- b. The foreign language requirement for the B.S., B.M. and B.F.A. may be satisfied by presenting a high school transcript which demonstrates two years of study of a single foreign language (passing grades at second-year level of study). It may also be satisfied by 6 hours college credit in the same language, which must include language courses 1713 and 1813, or equivalent proficiency (e.g., passing an advanced standing examination; TOEFL exam; presenting a high school transcript which demonstrates the high school was primarily conducted in a language other than English; etc.). Computer Science courses may not be used to satisfy this requirement.
- c. In addition to a. and b., students pursuing teacher certification must meet novice-high foreign language proficiency by presenting a high school transcript which demonstrates two years of study of a single foreign language with no grade below B. Or, students may complete 3 hours college credit in a single language with no grade below C (or pass an advanced standing examination, College Level Examination Program (CLEP) exam,

or Oral Proficiency Interview developed by the American Council on the Teaching of Foreign Languages, equivalent to 3 hours of college credit.) Or, students may meet the requirement by transfer of documentation of meeting the foreign language competency from one of the teacher education programs in the State of Oklahoma approved by the Oklahoma State Regents for Higher Education.

**4. Exclusions**

- a. Courses used to satisfy the General Education English Composition, U.S. History, American Government, and Mathematics or Statistics requirements will not count toward the 54-hour maximum allowed from one department.
- b. Courses with ATHL or LEIS prefixes and leisure activity courses may not be used for degree credit.

## Additional State/OSU Requirements

- At least: 60 hours at a four-year institution; 30 hours completed at OSU; 15 of the final 30 or 50% of the upper-division hours in the major field completed at OSU.
- Limit of: one-half of major course requirements as transfer work; one-fourth of hours earned by correspondence; 8 transfer correspondence hours.
- Students will be held responsible for degree requirements in effect at the time of matriculation and any changes that are made, so long as these changes do not result in semester credit hours being added or do not delay graduation.
- Degrees that follow this plan must be completed by the end of Summer 2028.

## Example Plan of Study

### Finish in Four Plan of Study

The plan below is an **example** of how students can successfully complete degree requirements in four years. This suggested class schedule plan may be used as a guide and can be adjusted based on individual needs. Students are required to meet with an academic advisor prior to enrollment each semester to plan their class schedule, and students are ultimately responsible for completing all degree requirements.

Course	Title	Hours
<b>Freshman</b>		
<b>Fall</b>		
MATH 1483 or MATH 1493 or MATH 1513 or STAT 2013 or STAT 2053	Mathematical Functions and Their Uses (A) or Applications of Modern Mathematics (A) or College Algebra (A) or Elementary Statistics (A) or Elementary Statistics for the Social Sciences (A)	3
POLS 1113	American Government	3
General Education courses		8
<b>Hours</b>		<b>14</b>
<b>Spring</b>		
POLS 2013 or POLS 2113	Introduction to International Relations (S) or Introduction to Comparative Politics (IS)	3
General Education courses		13
<b>Hours</b>		<b>16</b>
<b>Sophomore</b>		
<b>Fall</b>		
POLS 2213	Fundamentals of Political Science	3
1713 First Semester Foreign Language		3
General Education courses		9
<b>Hours</b>		<b>15</b>

<b>Spring</b>		
POLS 3103	Introduction to Political Inquiry	3
	1813 Second Semester Foreign Language	3
	College and Elective courses	9
	<b>Hours</b>	<b>15</b>
<b>Junior</b>		
<b>Fall</b>		
	2000-level Foreign Language	3
	Major, College, and Elective courses	12
	<b>Hours</b>	<b>15</b>
<b>Spring</b>		
	Major, College, and Elective courses	15
	<b>Hours</b>	<b>15</b>
<b>Senior</b>		
<b>Fall</b>		
	Major, College, and Elective courses	15
	<b>Hours</b>	<b>15</b>
<b>Spring</b>		
POLS 4903	Senior Capstone Seminar	3
	Major, College, and Elective courses	12
	<b>Hours</b>	<b>15</b>
	<b>Total Hours</b>	<b>120</b>

# Political Science: Practical Politics - Campaigning, Lobbying and Policymaking, BS

## Degree Requirements

**Requirements for Students Matriculating in or before Academic Year 2022-2023.** Learn more about University Academic Regulation 3.1 (p. 943).

**Minimum Overall Grade Point Average: 2.00**

**Total Hours: 120**

Code	Title	Hours
<b>General Education Requirements</b>		
<i>English Composition</i>		
See Academic Regulation 3.5 (p. 944)		
ENGL 1113	Composition I	3
or ENGL 1313	Critical Analysis and Writing I	
ENGL 1213	Composition II	3
or ENGL 1413	Critical Analysis and Writing II	
or ENGL 3323	Technical Writing	
<i>American History &amp; Government</i>		
HIST 1103	Survey of American History	3
or HIST 1483	American History to 1865 (H)	
or HIST 1493	American History Since 1865 (DH)	
POLS 1113	American Government	3
<i>Analytical &amp; Quantitative Thought (A)</i>		
MATH or STAT course designated (A)		3
<i>Humanities (H)</i>		
Courses designated (H)		6
<i>Natural Sciences (N)</i>		
Must include one Laboratory Science (L) course		
Courses designated (N)		6
<i>Social &amp; Behavioral Sciences (S)</i>		
SPCH 2713	Introduction to Speech Communication (S)	3
or SPCH 3733	Elements of Persuasion (S)	
<i>Additional General Education</i>		
Courses designated (A), (H), (N), or (S)		10
<b>Hours Subtotal</b>		<b>40</b>
<b>Diversity (D) &amp; International Dimension (I)</b>		
May be completed in any part of the degree plan		
Select at least one Diversity (D) course		
Select at least one International Dimension (I) course		
<b>College/Departmental Requirements</b>		
<i>First Year Seminar</i>		
(Transfer students with 15 hours exempt)		1
<i>Arts &amp; Humanities</i>		
See note 2.a.		3
<i>Natural &amp; Mathematical Sciences</i>		
See note 2.b.		9
<i>Foreign Language</i>		
0-6 hours. See note 3.		

### Upper-Division General Education

Select 6 hours outside major department. See note 2.c.

**Hours Subtotal** 13

### Major Requirements

Minimum GPA 2.50 with a minimum grade of "C" in each course.

#### Core Requirements

POLS 2013	Introduction to International Relations (S)	3
POLS 2113	Introduction to Comparative Politics (IS)	3
POLS 2213	Fundamentals of Political Science	3
POLS 3103	Introduction to Political Inquiry	3
POLS 3443	Pol Campaigns And Candidacy	3
or POLS 3533	Lobbying: the Art of Influence and Manipulation	
POLS 3493	Public Policy	3
POLS 3513	Public Opinion and Polling	3
POLS 4903	Senior Capstone Seminar	3
9 hours from:		9
POLS 3100	Political Science Internship	
POLS 3353	Political Parties	
POLS 3423	Voting and Elections	
POLS 3443	Pol Campaigns And Candidacy	
POLS 3453	U.S. Congress	
POLS 3523	Money, Media And Politics	
POLS 3533	Lobbying: the Art of Influence and Manipulation	
POLS 3613	State and Local Government	
POLS 4333	Improving Democracy: How to Reform Government by the People (S)	

9 hours upper-division courses from POLS or any other 3000- or 4000-level courses. <sup>1</sup>

**Hours Subtotal** 42

### Electives

Select 25 hours. <sup>1</sup> 25

May need to include 6 hours of a foreign language (see note 3).

May need to include 6 hours upper-division general education outside major department (see note 2.c.), and 7 additional upper-division hours.

**Hours Subtotal** 25

**Total Hours** 120

## Other Requirements

- See the College of Arts and Sciences Requirements.
- Minimum 2.0 GPA in all POLS courses.
- **Upper-Division Credit:** Total hours must include at least 40 hours in courses numbered 3000 or above.
- **Hours in One Department:** For B.A. and B.S. degrees, no more than 54 hours in one department may be applied to degree requirements.

## College of Arts and Sciences Requirements

### 1. General Education Requirements

No more than two courses (or eight hours) from the major department (<http://catalog.okstate.edu/college-arts-sciences-major-departments/>) may be used to meet General Education and College

and Departmental Requirements. The General Education required English Composition, required U.S. History, required American Government, one required MATH or STAT course, and required foreign language for B.A. degrees do not count against the two-course maximum.

## 2. A&S College/Departmental Requirements

- Arts and Humanities are defined as any course carrying an (H) designation or courses from AMST, ART, DANC, ENGL (except ENGL 3323 Technical Writing) HIST, MUSI, PHIL (except PHIL 1313 Logic and Critical Thinking (A), PHIL 3003 Symbolic Logic (A) and PHIL 4003 Mathematical Logic and Computability), REL, TH, and foreign languages.
- Natural and Mathematical Sciences are defined as any course from the following prefixes: ASTR, BIOC, BIOL, CHEM, CS (except CS 4883 Social Issues in Computing), GEOL, MATH, MICR, PBIO, PHYS, and STAT; or courses from other departments that carry an (A) or (N) general education designation.
- The required six hours of upper-division General Education may not include courses from the student's major department. This requirement may be satisfied by courses also used to satisfy any part of a student's degree program (i.e., in General Education, College Departmental Requirements, Major Requirements or Electives).
- Non-Western Studies Requirement for B.A. and B.F.A.; One 3-hour course in Non-Western Studies (N.W.). This requirement may be satisfied by courses also used to satisfy any part of a student's degree program (i.e., in General Education, College Departmental Requirements, Major Requirements or Electives).
- The College of Arts & Sciences requires a minimum 2.0 GPA in all major requirements and a minimum 2.0 GPA in all major-prefix courses applied to the degree.

## 3. Foreign Language Proficiency

- The foreign language requirement for the B.A. may be satisfied by 9 hours college credit in the same language, which must include 3 hours at the 2000-level, or equivalent proficiency (e.g., passing an advanced standing examination; TOEFL exam; presenting a high school transcript which demonstrates the high school was primarily conducted in a language other than English; etc.). Computer Science courses may not be used to satisfy this requirement. Currently Arabic and Mvskoke are not offered at the 2000-level at OSU.
- The foreign language requirement for the B.S., B.M. and B.F.A. may be satisfied by presenting a high school transcript which demonstrates two years of study of a single foreign language (passing grades at second-year level of study). It may also be satisfied by 6 hours college credit in the same language, which must include language courses 1713 and 1813, or equivalent proficiency (e.g., passing an advanced standing examination; TOEFL exam; presenting a high school transcript which demonstrates the high school was primarily conducted in a language other than English; etc.). Computer Science courses may not be used to satisfy this requirement.
- In addition to a. and b., students pursuing teacher certification must meet novice-high foreign language proficiency by presenting a high school transcript which demonstrates two years of study of a single foreign language with no grade below B. Or, students may complete 3 hours college credit in a single language with no grade below C (or pass an advanced standing examination, College Level Examination Program (CLEP) exam, or Oral Proficiency Interview developed by the American Council

on the Teaching of Foreign Languages, equivalent to 3 hours of college credit.) Or, students may meet the requirement by transfer of documentation of meeting the foreign language competency from one of the teacher education programs in the State of Oklahoma approved by the Oklahoma State Regents for Higher Education.

## 4. Exclusions

- Courses used to satisfy the General Education English Composition, U.S. History, American Government, and Mathematics or Statistics requirements will not count toward the 54-hour maximum allowed from one department.
- Courses with ATHL or LEIS prefixes and leisure activity courses may not be used for degree credit.

## Additional State/OSU Requirements

- At least: 60 hours at a four-year institution; 30 hours completed at OSU; 15 of the final 30 or 50% of the upper-division hours in the major field completed at OSU.
- Limit of: one-half of major course requirements as transfer work; one-fourth of hours earned by correspondence; 8 transfer correspondence hours.
- Students will be held responsible for degree requirements in effect at the time of matriculation and any changes that are made, so long as these changes do not result in semester credit hours being added or do not delay graduation.
- Degrees that follow this plan must be completed by the end of Summer 2028.

## Example Plan of Study

### Finish in Four Plan of Study

The plan below is an **example** of how students can successfully complete degree requirements in four years. This suggested class schedule plan may be used as a guide and can be adjusted based on individual needs. Students are required to meet with an academic advisor prior to enrollment each semester to plan their class schedule, and students are ultimately responsible for completing all degree requirements.

Course	Title	Hours
<b>Freshman</b>		
<b>Fall</b>		
MATH 1483 or MATH 1493 or MATH 1513 or STAT 2013 or STAT 2053	Mathematical Functions and Their Uses (A) or Applications of Modern Mathematics (A) or College Algebra (A) or Elementary Statistics (A) or Elementary Statistics for the Social Sciences (A)	3
POLS 1113	American Government	3
General Education courses		10
		<b>Hours</b>
		<b>16</b>
<b>Spring</b>		
POLS 2013 or POLS 2113	Introduction to International Relations (S) or Introduction to Comparative Politics (IS)	3
General Education courses		11
		<b>Hours</b>
		<b>14</b>
<b>Sophomore</b>		
<b>Fall</b>		
POLS 2213	Fundamentals of Political Science	3
General Education courses		12
		<b>Hours</b>
		<b>15</b>
<b>Spring</b>		
POLS 3103	Introduction to Political Inquiry	3



College and Elective courses	12
<b>Hours</b>	<b>15</b>
<b>Junior</b>	
<b>Fall</b>	
Major, College, and Elective courses	15
<b>Hours</b>	<b>15</b>
<b>Spring</b>	
Major, College, and Elective courses	15
<b>Hours</b>	<b>15</b>
<b>Senior</b>	
<b>Fall</b>	
Major, College, and Elective courses	15
<b>Hours</b>	<b>15</b>
<b>Spring</b>	
POLS 4903 Senior Capstone Seminar	3
Major, College, and Elective courses	12
<b>Hours</b>	<b>15</b>
<b>Total Hours</b>	<b>120</b>

## Political Science: Pre-Law, BA

### Degree Requirements

**Requirements for Students Matriculating in or before Academic Year 2022-2023.** Learn more about University Academic Regulation 3.1 (p. 943).

**Minimum Overall Grade Point Average:** 2.00

**Total Hours:** 120

Code	Title	Hours
<b>General Education Requirements</b>		
<i>English Composition</i>		
See Academic Regulation 3.5 (p. 944)		
ENGL 1113 or ENGL 1313	Composition I Critical Analysis and Writing I	3
ENGL 1213 or ENGL 1413 or ENGL 3323	Composition II Critical Analysis and Writing II Technical Writing	3
<i>American History &amp; Government</i>		
HIST 1103 or HIST 1483 or HIST 1493	Survey of American History American History to 1865 (H) American History Since 1865 (DH)	3
POLS 1113	American Government	3
<i>Analytical &amp; Quantitative Thought (A)</i>		
MATH or STAT course designated (A)		3
<i>Humanities (H)</i>		
Courses designated (H)		6
<i>Natural Sciences (N)</i>		
Must include one Laboratory Science (L) course.		
Courses designated (N) with one (L)		6
<i>Social &amp; Behavioral Sciences (S)</i>		
SPCH 2713 or SPCH 3733	Introduction to Speech Communication (S) Elements of Persuasion (S)	3
<i>Additional General Education</i>		
Courses designated (A), (H), (N), or (S)		10
<b>Hours Subtotal</b>		<b>40</b>
<b>Diversity (D) &amp; International Dimension (I)</b>		
May be completed in any part of the degree plan.		
At least one Diversity (D) course		
At least one International Dimension (I) course		
<b>College/Departmental Requirements</b>		
<i>First Year Seminar</i>		
(Transfer students with 15 hours exempt)		1
<i>Arts &amp; Humanities</i>		
(See note 2.a.)		9
<i>Natural &amp; Mathematical Sciences</i>		
PHIL 1313 or PHIL 3003	Logic and Critical Thinking (A) Symbolic Logic (A)	3
(See note 2.b.)		
<i>Foreign Languages</i>		
(See note 3.)		9
<i>Non-Western Studies</i>		

(See note 2.d.)

*Upper-Division General Education*

6 hours outside major department

(See note 2.c.)

**Hours Subtotal** **22**

**Major Requirements**

Minimum GPA 2.50 with a minimum grade of "C" in each course.

A minimum of 30 hours POLS (24 hours must be upper-division).

*Requirements:*

POLS 2013 or POLS 2113	Introduction to International Relations (S) Introduction to Comparative Politics (IS)	3
POLS 2023	The Individual And The Law	3
POLS 2213	Fundamentals of Political Science	3
POLS 3103	Introduction to Political Inquiry	3
POLS 3983	Courts and Judicial Process (S)	3
POLS 3993	Legal Research And Analysis	3
POLS 4353 or POLS 4980	Administrative Law Advanced Topics in Public Law	3
POLS 4963	U.S. Constitution: Civil Rights and Civil Liberties	3
POLS 4973	U.S. Constitution: Separation of Powers	3
POLS 4903	Senior Capstone Seminar	3
9 hours of any upper-division POLS		9
9 hours of upper-division Pre-Law courses from:		9
AGEC 3713	Agricultural Law	
AMIS 4013	American Indian Sovereignty (D)	
AMST 3333	Crime, Law and American Culture (S)	
LSB 3213	Legal and Regulatory Environment of Business	
PHIL 3003	Symbolic Logic (A)	
PHIL 3413	Ethical Theory (H)	
PHIL 3843	Philosophy of Law (H)	
POLS 4353	Administrative Law	
POLS 4980	Advanced Topics in Public Law	
PSYC 4143	Psychology and Law	
SOC 4313	Sociology of Law	
SPCH 3733	Elements of Persuasion (S)	
SPCH 4793	Nonverbal Communication (S)	

**Hours Subtotal** **48**

**Electives** **10**

May need to include 6 hours upper-division general education outside major department (see note 2.c.).

**Hours Subtotal** **10**

**Total Hours** **120**

### Other Requirements

- See the College of Arts and Sciences Requirements.
- Minimum 2.0 GPA in all POLS courses.
- **Upper-Division Credit:** Total hours must include at least 40 hours in courses numbered 3000 or above.
- **Hours in One Department:** For B.A. and B.S. degrees, no more than 54 hours in one department may be applied to degree requirements.

## College of Arts and Sciences Requirements

### 1. General Education Requirements

No more than two courses (or eight hours) from the major department (<http://catalog.okstate.edu/college-arts-sciences-major-departments/>) may be used to meet General Education and College and Departmental Requirements. The General Education required English Composition, required U.S. History, required American Government, one required MATH or STAT course, and required foreign language for B.A. degrees do not count against the two-course maximum.

### 2. A&S College/Departmental Requirements

- Arts and Humanities are defined as any course carrying an (H) designation or courses from AMST, ART, DANC, ENGL (except ENGL 3323 Technical Writing) HIST, MUSI, PHIL (except PHIL 1313 Logic and Critical Thinking (A), PHIL 3003 Symbolic Logic (A) and PHIL 4003 Mathematical Logic and Computability), REL, TH, and foreign languages.
- Natural and Mathematical Sciences are defined as any course from the following prefixes: ASTR, BIOC, BIOL, CHEM, CS (except CS 4883 Social Issues in Computing), GEOL, MATH, MICR, PBIO, PHYS, and STAT; or courses from other departments that carry an (A) or (N) general education designation.
- The required six hours of upper-division General Education may not include courses from the student's major department. This requirement may be satisfied by courses also used to satisfy any part of a student's degree program (i.e., in General Education, College Departmental Requirements, Major Requirements or Electives).
- Non-Western Studies Requirement for B.A. and B.F.A.; One 3-hour course in Non-Western Studies (N.W.). This requirement may be satisfied by courses also used to satisfy any part of a student's degree program (i.e., in General Education, College Departmental Requirements, Major Requirements or Electives).
- The College of Arts & Sciences requires a minimum 2.0 GPA in all major requirements and a minimum 2.0 GPA in all major-prefix courses applied to the degree.

### 3. Foreign Language Proficiency

- The foreign language requirement for the B.A. may be satisfied by 9 hours college credit in the same language, which must include 3 hours at the 2000-level, or equivalent proficiency (e.g., passing an advanced standing examination; TOEFL exam; presenting a high school transcript which demonstrates the high school was primarily conducted in a language other than English; etc.). Computer Science courses may not be used to satisfy this requirement. Currently Arabic and Mvskoke are not offered at the 2000-level at OSU.
- The foreign language requirement for the B.S., B.M. and B.F.A. may be satisfied by presenting a high school transcript which demonstrates two years of study of a single foreign language (passing grades at second-year level of study). It may also be satisfied by 6 hours college credit in the same language, which must include language courses 1713 and 1813, or equivalent proficiency (e.g., passing an advanced standing examination; TOEFL exam; presenting a high school transcript which demonstrates the high school was primarily conducted in a language other than English; etc.). Computer Science courses may not be used to satisfy this requirement.

- In addition to a. and b., students pursuing teacher certification must meet novice-high foreign language proficiency by presenting a high school transcript which demonstrates two years of study of a single foreign language with no grade below B. Or, students may complete 3 hours college credit in a single language with no grade below C (or pass an advanced standing examination, College Level Examination Program (CLEP) exam, or Oral Proficiency Interview developed by the American Council on the Teaching of Foreign Languages, equivalent to 3 hours of college credit.) Or, students may meet the requirement by transfer of documentation of meeting the foreign language competency from one of the teacher education programs in the State of Oklahoma approved by the Oklahoma State Regents for Higher Education.

### 4. Exclusions

- Courses used to satisfy the General Education English Composition, U.S. History, American Government, and Mathematics or Statistics requirements will not count toward the 54-hour maximum allowed from one department.
- Courses with ATHL or LEIS prefixes and leisure activity courses may not be used for degree credit.

## Additional State/OSU Requirements

- At least: 60 hours at a four-year institution; 30 hours completed at OSU; 15 of the final 30 or 50% of the upper-division hours in the major field completed at OSU.
- Limit of: one-half of major course requirements as transfer work; one-fourth of hours earned by correspondence; 8 transfer correspondence hours.
- Students will be held responsible for degree requirements in effect at the time of matriculation and any changes that are made, so long as these changes do not result in semester credit hours being added or do not delay graduation.
- Degrees that follow this plan must be completed by the end of Summer 2028.

## Example Plan of Study

### Finish in Four Plan of Study

The plan below is an **example** of how students can successfully complete degree requirements in four years. This suggested class schedule plan may be used as a guide and can be adjusted based on individual needs. Students are required to meet with an academic advisor prior to enrollment each semester to plan their class schedule, and students are ultimately responsible for completing all degree requirements.

Course	Title	Hours
<b>Freshman</b>		
<b>Fall</b>		
MATH 1483 or MATH 1493 or MATH 1513 or STAT 2013 or STAT 2053	Mathematical Functions and Their Uses (A) or Applications of Modern Mathematics (A) or College Algebra (A) or Elementary Statistics (A) or Elementary Statistics for the Social Sciences (A)	3
POLS 1113	American Government	3
General Education courses		8
		<b>Hours</b>
		<b>14</b>
<b>Spring</b>		
POLS 2013 or POLS 2113	Introduction to International Relations (S) or Introduction to Comparative Politics (IS)	3

General Education courses	13
<b>Hours</b>	<b>16</b>
<b>Sophomore</b>	
<b>Fall</b>	
POLS 2213 Fundamentals of Political Science	3
1713 First Semester Foreign Language	3
General Education courses	9
<b>Hours</b>	<b>15</b>
<b>Spring</b>	
POLS 3103 Introduction to Political Inquiry	3
1813 Second Semester Foreign Language	3
College and Elective courses	9
<b>Hours</b>	<b>15</b>
<b>Junior</b>	
<b>Fall</b>	
2000-level Foreign Language	3
Major, College, and Elective courses	12
<b>Hours</b>	<b>15</b>
<b>Spring</b>	
Major, College, and Elective courses	15
<b>Hours</b>	<b>15</b>
<b>Senior</b>	
<b>Fall</b>	
Major, College, and Elective courses	15
<b>Hours</b>	<b>15</b>
<b>Spring</b>	
POLS 4903 Senior Capstone Seminar	3
Major, College, and Elective courses	12
<b>Hours</b>	<b>15</b>
<b>Total Hours</b>	<b>120</b>

## Political Science: Pre-Law, BS

### Degree Requirements

**Requirements for Students Matriculating in or before Academic Year 2022-2023.** Learn more about University Academic Regulation 3.1 (p. 943).

**Minimum Overall Grade Point Average: 2.00**

**Total Hours: 120**

Code	Title	Hours
<b>General Education Requirements</b>		
<i>English Composition</i>		
See Academic Regulation 3.5 (p. 944)		
ENGL 1113 or ENGL 1313	Composition I Critical Analysis and Writing I	3
ENGL 1213 or ENGL 1413 or ENGL 3323	Composition II Critical Analysis and Writing II Technical Writing	3
<i>American History &amp; Government</i>		
HIST 1103 or HIST 1483 or HIST 1493	Survey of American History American History to 1865 (H) American History Since 1865 (DH)	3
POLS 1113	American Government	3
<i>Analytical &amp; Quantitative Thought</i>		
MATH or STAT course designated (A)		3
<i>Humanities (H)</i>		
Courses designated (H)		6
<i>Natural Sciences (N)</i>		
Must include one Laboratory Science (L) course		
Courses designated (N) with one (L)		6
<i>Social &amp; Behavioral Sciences (S)</i>		
SPCH 2713 or SPCH 3733	Introduction to Speech Communication (S) Elements of Persuasion (S)	3
<i>Additional General Education</i>		
Courses designated (A), (H), (N), or (S)		10
<b>Hours Subtotal</b>		<b>40</b>
<b>Diversity (D) &amp; International Dimension (I)</b>		
May be completed in any part of the degree plan.		
At least one Diversity (D) course		
At least one International Dimension (I) course		
<b>College/Departmental Requirements</b>		
<i>First Year Seminar</i>		
(Transfer students with 15 hours exempt)		1
<i>Arts &amp; Humanities</i>		
(See note 2.a.)		3
<i>Natural &amp; Mathematical Sciences</i>		
PHIL 1313 or PHIL 3003	Logic and Critical Thinking (A) Symbolic Logic (A)	3
(See note 2.b.)		6
<i>Foreign Languages</i>		
(See note 3.)		0-6 hours

#### Upper-Division General Education

6 hours outside major department

(See note 2.c.)

**Hours Subtotal 13**

#### Major Requirements

Minimum GPA 2.50 with a minimum grade of "C" in each course.

A minimum of 30 hours POLS (24 hours must be upper-division).

Requirements (21 hours):

POLS 2013 or POLS 2113	Introduction to International Relations (S) Introduction to Comparative Politics (IS)	3
POLS 2023	The Individual And The Law	3
POLS 2213	Fundamentals of Political Science	3
POLS 3103	Introduction to Political Inquiry	3
POLS 3983	Courts and Judicial Process (S)	3
POLS 3993	Legal Research And Analysis	3
POLS 4353 or POLS 4980	Administrative Law Advanced Topics in Public Law	3
POLS 4963	U.S. Constitution: Civil Rights and Civil Liberties	3
POLS 4973	U.S. Constitution: Separation of Powers	3
POLS 4903	Senior Capstone Seminar	3
9 hours of any upper-division POLS <sup>1</sup>		9
9 hours of upper-division Pre-Law courses from: <sup>1</sup>		9
AGEC 3713	Agricultural Law	
AMIS 4013	American Indian Sovereignty (D)	
AMST 3333	Crime, Law and American Culture (S)	
LSB 3213	Legal and Regulatory Environment of Business	
PHIL 3003	Symbolic Logic (A)	
PHIL 3413	Ethical Theory (H)	
PHIL 3843	Philosophy of Law (H)	
POLS 4353	Administrative Law	
POLS 4980	Advanced Topics in Public Law	
PSYC 4143	Psychology and Law	
SOC 4313	Sociology of Law	
SPCH 3733	Elements of Persuasion (S)	
SPCH 4793	Nonverbal Communication (S)	
<b>Hours Subtotal</b>		<b>48</b>
<b>Electives</b>		
Select 19 hours. <sup>1</sup>		19
May need to include 6 hours upper-division general education outside major department. See note 2.c.		
<b>Hours Subtotal</b>		<b>19</b>
<b>Total Hours</b>		<b>120</b>

**Hours Subtotal 48**

#### Electives

Select 19 hours. <sup>1</sup> 19

May need to include 6 hours upper-division general education outside major department. See note 2.c.

**Hours Subtotal 19**

**Total Hours 120**

1

With approval from the advisor and department head, a maximum of 30 hours from an accredited doctoral law program may be used for these areas.

### Other Requirements

- See the College of Arts and Sciences Requirements.
- Minimum 2.0 GPA in all POLS courses.

- **Upper-Division Credit:** Total hours must include at least 40 hours in courses numbered 3000 or above.
- **Hours in One Department:** For B.A. and B.S. degrees, no more than 54 hours in one department may be applied to degree requirements.

## College of Arts and Sciences Requirements

### 1. General Education Requirements

No more than two courses (or eight hours) from the major department (<http://catalog.okstate.edu/college-arts-sciences-major-departments/>) may be used to meet General Education and College and Departmental Requirements. The General Education required English Composition, required U.S. History, required American Government, one required MATH or STAT course, and required foreign language for B.A. degrees do not count against the two-course maximum.

### 2. A&S College/Departmental Requirements

- Arts and Humanities are defined as any course carrying an (H) designation or courses from AMST, ART, DANC, ENGL (except ENGL 3323 Technical Writing) HIST, MUSI, PHIL (except PHIL 1313 Logic and Critical Thinking (A), PHIL 3003 Symbolic Logic (A) and PHIL 4003 Mathematical Logic and Computability), REL, TH, and foreign languages.
- Natural and Mathematical Sciences are defined as any course from the following prefixes: ASTR, BIOC, BIOL, CHEM, CS (except CS 4883 Social Issues in Computing), GEOL, MATH, MICR, PBIO, PHYS, and STAT; or courses from other departments that carry an (A) or (N) general education designation.
- The required six hours of upper-division General Education may not include courses from the student's major department. This requirement may be satisfied by courses also used to satisfy any part of a student's degree program (i.e., in General Education, College Departmental Requirements, Major Requirements or Electives).
- Non-Western Studies Requirement for B.A. and B.F.A.; One 3-hour course in Non-Western Studies (N.W.). This requirement may be satisfied by courses also used to satisfy any part of a student's degree program (i.e., in General Education, College Departmental Requirements, Major Requirements or Electives).
- The College of Arts & Sciences requires a minimum 2.0 GPA in all major requirements and a minimum 2.0 GPA in all major-prefix courses applied to the degree.

### 3. Foreign Language Proficiency

- The foreign language requirement for the B.A. may be satisfied by 9 hours college credit in the same language, which must include 3 hours at the 2000-level, or equivalent proficiency (e.g., passing an advanced standing examination; TOEFL exam; presenting a high school transcript which demonstrates the high school was primarily conducted in a language other than English; etc.). Computer Science courses may not be used to satisfy this requirement. Currently Arabic and Mvskoke are not offered at the 2000-level at OSU.
- The foreign language requirement for the B.S., B.M. and B.F.A. may be satisfied by presenting a high school transcript which demonstrates two years of study of a single foreign language (passing grades at second-year level of study). It may also be satisfied by 6 hours college credit in the same language, which must include language courses 1713 and 1813, or equivalent proficiency (e.g., passing an advanced standing

examination; TOEFL exam; presenting a high school transcript which demonstrates the high school was primarily conducted in a language other than English; etc.). Computer Science courses may not be used to satisfy this requirement.

- In addition to a. and b., students pursuing teacher certification must meet novice-high foreign language proficiency by presenting a high school transcript which demonstrates two years of study of a single foreign language with no grade below B. Or, students may complete 3 hours college credit in a single language with no grade below C (or pass an advanced standing examination, College Level Examination Program (CLEP) exam, or Oral Proficiency Interview developed by the American Council on the Teaching of Foreign Languages, equivalent to 3 hours of college credit.) Or, students may meet the requirement by transfer of documentation of meeting the foreign language competency from one of the teacher education programs in the State of Oklahoma approved by the Oklahoma State Regents for Higher Education.

### 4. Exclusions

- Courses used to satisfy the General Education English Composition, U.S. History, American Government, and Mathematics or Statistics requirements will not count toward the 54-hour maximum allowed from one department.
- Courses with ATHL or LEIS prefixes and leisure activity courses may not be used for degree credit.

## Additional State/OSU Requirements

- At least: 60 hours at a four-year institution; 30 hours completed at OSU; 15 of the final 30 or 50% of the upper-division hours in the major field completed at OSU.
- Limit of: one-half of major course requirements as transfer work; one-fourth of hours earned by correspondence; 8 transfer correspondence hours.
- Students will be held responsible for degree requirements in effect at the time of matriculation and any changes that are made, so long as these changes do not result in semester credit hours being added or do not delay graduation.
- Degrees that follow this plan must be completed by the end of Summer 2028.

## Example Plan of Study

### Finish in Four Plan of Study

The plan below is an **example** of how students can successfully complete degree requirements in four years. This suggested class schedule plan may be used as a guide and can be adjusted based on individual needs. Students are required to meet with an academic advisor prior to enrollment each semester to plan their class schedule, and students are ultimately responsible for completing all degree requirements.

Course	Title	Hours
<b>Freshman</b>		
<b>Fall</b>		
MATH 1483 or MATH 1493 or MATH 1513 or STAT 2013 or STAT 2053	Mathematical Functions and Their Uses (A) or Applications of Modern Mathematics (A) or College Algebra (A) or Elementary Statistics (A) or Elementary Statistics for the Social Sciences (A)	3
POLS 1113	American Government	3
General Education courses		10
<b>Hours</b>		<b>16</b>



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<b>Spring</b>		
POLS 2013	Introduction to International Relations (S)	3
or POLS 2113	or Introduction to Comparative Politics (IS)	
General Education courses		11
<b>Hours</b>		<b>14</b>
<b>Sophomore</b>		
<b>Fall</b>		
POLS 2213	Fundamentals of Political Science	3
General Education courses		12
<b>Hours</b>		<b>15</b>
<b>Spring</b>		
POLS 3103	Introduction to Political Inquiry	3
College and Elective courses		12
<b>Hours</b>		<b>15</b>
<b>Junior</b>		
<b>Fall</b>		
Major, College, and Elective courses		15
<b>Hours</b>		<b>15</b>
<b>Spring</b>		
Major, College, and Elective courses		15
<b>Hours</b>		<b>15</b>
<b>Senior</b>		
<b>Fall</b>		
Major, College, and Elective courses		15
<b>Hours</b>		<b>15</b>
<b>Spring</b>		
POLS 4903	Senior Capstone Seminar	3
Major, College, and Elective courses		12
<b>Hours</b>		<b>15</b>
<b>Total Hours</b>		<b>120</b>

## Political Science: Public Policy, BA

**Requirements for Students Matriculating in or before Academic Year 2022-2023.** Learn more about University Academic Regulation 3.1 (p. 943).

**Minimum Overall Grade Point Average: 2.00**

**Total Hours: 120**

Code	Title	Hours
<b>General Education Requirements</b>		
<i>English Composition</i>		
See Academic Regulation 3.5 (p. 944)		
ENGL 1113 or ENGL 1313	Composition I Critical Analysis and Writing I	3
Select one of the following:		3
ENGL 1213	Composition II	
ENGL 1413	Critical Analysis and Writing II	
ENGL 3323	Technical Writing	
<i>American History &amp; Government</i>		
HIST 1103 or HIST 1483 or HIST 1493	Survey of American History American History to 1865 (H) American History Since 1865 (DH)	3
POLS 1113	American Government	3
<i>Analytical &amp; Quantitative Thought (A)</i>		
MATH or STAT course designated (A)		3
<i>Humanities (H)</i>		
Courses designated (H)		6
<i>Natural Sciences (N)</i>		
Must include one Laboratory Science (L) course		
Courses designated (N)		6
<i>Social &amp; Behavioral Sciences (S)</i>		
SPCH 2713 or SPCH 3733	Introduction to Speech Communication (S) Elements of Persuasion (S)	3
<i>Additional General Education</i>		10
Courses designated (A), (H), (N), or (S)		
<b>Hours Subtotal</b>		<b>40</b>
<b>Diversity (D) &amp; International Dimension (I)</b>		
May be completed in any part of the degree plan		
Select at least one Diversity (D) course		
Select at least one International Dimension (I) course		
<b>College/Departmental Requirements</b>		
<i>First Year Seminar</i>		1
(Transfer students with 15 hours exempt)		
<i>Arts &amp; Humanities</i>		
See note 2.a.		9
<i>Natural &amp; Mathematical Sciences</i>		
See note 2.b.		3
<i>Foreign Language</i>		
9 hours. See note 3.		9
<i>Non-Western Studies</i>		
See note 2.d.		
Upper-Division General Education		

Select 6 hours outside major department. See note 2.c.

<b>Hours Subtotal</b>		<b>22</b>
<b>Major Requirements</b>		
Minimum GPA 2.50 with grade of "C" in each course.		
POLS 2013 or POLS 2113	Introduction to International Relations (S) Introduction to Comparative Politics (IS)	3
POLS 2213	Fundamentals of Political Science	3
POLS 3103	Introduction to Political Inquiry	3
POLS 3493	Public Policy	3
POLS 4903	Senior Capstone Seminar	3
Any Upper Division POLS course		3
Select 12 hours from the following (3 hours must be POLS):		12
AGEC 2313	Case Studies in Agricultural Trade and Development	
AGEC 3703	Issues in Agricultural Policy	
AGEC 4503	Environmental Economics and Resource Development	
AGEC 4703	American Agricultural Policy	
AMIS 4013	American Indian Sovereignty (D)	
AMST 4103	The Death Penalty in America (S)	
ECON 2103	Introduction to Microeconomics (S)	
ECON 2203	Introduction to Macroeconomics	
ECON 3423	Public Finance	
ECON 3903	Economics of the Environment	
ECON 4113	Energy Economics: Traditional and Renewable Energy Markets	
ECON 4913	Urban and Regional Economics	
GEOG 2002	Global Sustainability (N)	
MGMT 3011	Business, Government and Society	
NREM 4043	Natural Resource Administration and Policy	
POLS 2030	Topics in Public Policy & Administration	
POLS 2313	Social Justice Politics (D)	
POLS 3513	Public Opinion and Polling	
POLS 3533	Lobbying: the Art of Influence and Manipulation	
POLS 3613	State and Local Government	
POLS 3893	Terrorism & Counterterrorism	
POLS 4013	American Foreign Policy	
POLS 4043	Global Political Economy	
POLS 4363	Environmental Law And Policy	
POLS 4593	Natural Resources and Environmental Policy	
POLS 4623	Oklahoma Politics (S)	
SOC 2243	Drugs and Drug Policy in the United States	
SOC 3333	Policing and Society (S)	
SOC 4453	Environmental Inequality (S)	
Upper-division division courses to complete the required 39 may be POLS or any other 3000- or 4000- level courses		9
<b>Hours Subtotal</b>		<b>39</b>
<b>Electives</b>		
Select 19 hours		
May need to include 6 hours of a foreign language (see note 3)		

May need to include 6 hours upper-division general education outside major department (see note 2.c.), and 1 additional upper-division hour

<b>Hours Subtotal</b>	<b>19</b>
<b>Total Hours</b>	<b>120</b>

## College of Arts and Sciences Requirements

### 1. General Education Requirements

No more than two courses (or eight hours) from the major department (<http://catalog.okstate.edu/college-arts-sciences-major-departments/>) may be used to meet General Education and College and Departmental Requirements. The General Education required English Composition, required U.S. History, required American Government, one required MATH or STAT course, and required foreign language for B.A. degrees do not count against the two-course maximum.

### 2. A&S College/Departmental Requirements

- Arts and Humanities are defined as any course carrying an (H) designation or courses from AMST, ART, DANC, ENGL (except ENGL 3323 Technical Writing) HIST, MUSI, PHIL (except PHIL 1313 Logic and Critical Thinking (A), PHIL 3003 Symbolic Logic (A) and PHIL 4003 Mathematical Logic and Computability), REL, TH, and foreign languages.
- Natural and Mathematical Sciences are defined as any course from the following prefixes: ASTR, BIOC, BIOL, CHEM, CS (except CS 4883 Social Issues in Computing), GEOL, MATH, MICR, PBIO, PHYS, and STAT; or courses from other departments that carry an (A) or (N) general education designation.
- The required six hours of upper-division General Education may not include courses from the student's major department. This requirement may be satisfied by courses also used to satisfy any part of a student's degree program (i.e., in General Education, College Departmental Requirements, Major Requirements or Electives).
- Non-Western Studies Requirement for B.A. and B.F.A.; One 3-hour course in Non-Western Studies (N.W.). This requirement may be satisfied by courses also used to satisfy any part of a student's degree program (i.e., in General Education, College Departmental Requirements, Major Requirements or Electives).
- The College of Arts & Sciences requires a minimum 2.0 GPA in all major requirements and a minimum 2.0 GPA in all major-prefix courses applied to the degree.

### 3. Foreign Language Proficiency

- The foreign language requirement for the B.A. may be satisfied by 9 hours college credit in the same language, which must include 3 hours at the 2000-level, or equivalent proficiency (e.g., passing an advanced standing examination; TOEFL exam; presenting a high school transcript which demonstrates the high school was primarily conducted in a language other than English; etc.). Computer Science courses may not be used to satisfy this requirement. Currently Arabic and Mvskoke are not offered at the 2000-level at OSU.
- The foreign language requirement for the B.S., B.M. and B.F.A. may be satisfied by presenting a high school transcript which demonstrates two years of study of a single foreign language (passing grades at second-year level of study). It may also be satisfied by 6 hours college credit in the same language, which must include language courses 1713 and 1813, or

equivalent proficiency (e.g., passing an advanced standing examination; TOEFL exam; presenting a high school transcript which demonstrates the high school was primarily conducted in a language other than English; etc.). Computer Science courses may not be used to satisfy this requirement.

- In addition to a. and b., students pursuing teacher certification must meet novice-high foreign language proficiency by presenting a high school transcript which demonstrates two years of study of a single foreign language with no grade below B. Or, students may complete 3 hours college credit in a single language with no grade below C (or pass an advanced standing examination, College Level Examination Program (CLEP) exam, or Oral Proficiency Interview developed by the American Council on the Teaching of Foreign Languages, equivalent to 3 hours of college credit.) Or, students may meet the requirement by transfer of documentation of meeting the foreign language competency from one of the teacher education programs in the State of Oklahoma approved by the Oklahoma State Regents for Higher Education.

### 4. Exclusions

- Courses used to satisfy the General Education English Composition, U.S. History, American Government, and Mathematics or Statistics requirements will not count toward the 54-hour maximum allowed from one department.
- Courses with ATHL or LEIS prefixes and leisure activity courses may not be used for degree credit.

## Additional State/OSU Requirements

- At least: 60 hours at a four-year institution; 30 hours completed at OSU; 15 of the final 30 or 50% of the upper-division hours in the major field completed at OSU.
- Limit of: one-half of major course requirements as transfer work; one-fourth of hours earned by correspondence; 8 transfer correspondence hours.
- Students will be held responsible for degree requirements in effect at the time of matriculation and any changes that are made, so long as these changes do not result in semester credit hours being added or do not delay graduation.
- Degrees that follow this plan must be completed by the end of Summer 2028.

## Political Science: Public Policy, BS

**Requirements for Students Matriculating in or before Academic Year 2022-2023.** Learn more about University Academic Regulation 3.1 (p. 943).

**Minimum Overall Grade Point Average: 2.00**

**Total Hours: 120**

Code	Title	Hours
<b>General Education Requirements</b>		
<i>English Composition</i>		
See Academic Regulation 3.5 (p. 944)		
ENGL 1113	Composition I	3
or ENGL 1313	Critical Analysis and Writing I	
Select one of the following:		3
ENGL 1213	Composition II	
ENGL 1413	Critical Analysis and Writing II	
ENGL 3323	Technical Writing	
<i>American History &amp; Government</i>		
HIST 1103	Survey of American History	3
or HIST 1483	American History to 1865 (H)	
or HIST 1493	American History Since 1865 (DH)	
POLS 1113	American Government	3
<i>Analytical &amp; Quantitative Thought (A)</i>		
MATH or STAT	course designated (A)	3
<i>Humanities (H)</i>		
Courses designated (H)		6
<i>Natural Sciences (N)</i>		
Must include one Laboratory Science (L) course		
Courses designated (N)		6
<i>Social &amp; Behavioral Sciences (S)</i>		
SPCH 2713	Introduction to Speech Communication (S)	3
or SPCH 3733	Elements of Persuasion (S)	
<i>Additional General Education</i>		
Courses designated (A), (H), (N), or (S)		10
<b>Hours Subtotal</b>		<b>40</b>
<b>Diversity (D) &amp; International Dimension (I)</b>		
May be completed in any part of the degree plan		
Select at least one Diversity (D) course		
Select at least one International Dimension (I) course		
<b>College/Departmental Requirements</b>		
<i>First Year Seminar</i>		1
(Transfer students with 15 hours exempt)		
<i>Arts &amp; Humanities</i>		
See note 2.a.		3
<i>Natural &amp; Mathematical Sciences</i>		
See note 2.b.		9
<i>Foreign Language</i>		
See note 3.		
0-6 hours		
Upper-Division General Education		
Select 6 hours outside major department. See note 2.c.		

<b>Hours Subtotal</b>		<b>13</b>
<b>Major Requirements</b>		
Minimum GPA 2.50 with a minimum grade of "C" in each course.		
POLS 2013	Introduction to International Relations (S)	3
or POLS 2113	Introduction to Comparative Politics (IS)	
POLS 2213	Fundamentals of Political Science	3
POLS 3103	Introduction to Political Inquiry	3
POLS 3493	Public Policy	3
POLS 4903	Senior Capstone Seminar	3
Any upper division POLS course		3
Select 12 hours from the following (3 must be POLS):		12
AGEC 2313	Case Studies in Agricultural Trade and Development	
AGEC 3703	Issues in Agricultural Policy	
AGEC 4503	Environmental Economics and Resource Development	
AGEC 4703	American Agricultural Policy	
AMIS 4013	American Indian Sovereignty (D)	
AMST 4103	The Death Penalty in America (S)	
ECON 2103	Introduction to Microeconomics (S)	
ECON 2203	Introduction to Macroeconomics	
ECON 3423	Public Finance	
ECON 3903	Economics of the Environment	
ECON 4113	Energy Economics: Traditional and Renewable Energy Markets	
ECON 4913	Urban and Regional Economics	
GEOG 2002	Global Sustainability (N)	
MGMT 3011	Business, Government and Society	
NREM 4043	Natural Resource Administration and Policy	
POLS 2030	Topics in Public Policy & Administration	
POLS 2313	Social Justice Politics (D)	
POLS 3513	Public Opinion and Polling	
POLS 3533	Lobbying: the Art of Influence and Manipulation	
POLS 3613	State and Local Government	
POLS 3893	Terrorism & Counterterrorism	
POLS 4013	American Foreign Policy	
POLS 4043	Global Political Economy	
POLS 4363	Environmental Law And Policy	
POLS 4593	Natural Resources and Environmental Policy	
POLS 4623	Oklahoma Politics (S)	
SOC 2243	Drugs and Drug Policy in the United States	
SOC 3333	Policing and Society (S)	
SOC 4453	Environmental Inequality (S)	
Upper-division courses to complete the required 39 may be POLS or any other 3000- or 4000-level courses		9
<b>Hours Subtotal</b>		<b>39</b>
<b>Electives</b>		
Select 28 hours		
May need to include 6 hours of a foreign language (see note 3)		

May need to include 6 hours upper-division general education outside major department (see note 2.c.), and 1 additional upper-division hour

<b>Hours Subtotal</b>	<b>28</b>
<b>Total Hours</b>	<b>120</b>

## College of Arts and Sciences Requirements

### 1. General Education Requirements

No more than two courses (or eight hours) from the major department (<http://catalog.okstate.edu/college-arts-sciences-major-departments/>) may be used to meet General Education and College and Departmental Requirements. The General Education required English Composition, required U.S. History, required American Government, one required MATH or STAT course, and required foreign language for B.A. degrees do not count against the two-course maximum.

### 2. A&S College/Departmental Requirements

- a. Arts and Humanities are defined as any course carrying an (H) designation or courses from AMST, ART, DANC, ENGL (except ENGL 3323 Technical Writing) HIST, MUSI, PHIL (except PHIL 1313 Logic and Critical Thinking (A), PHIL 3003 Symbolic Logic (A) and PHIL 4003 Mathematical Logic and Computability), REL, TH, and foreign languages.
- b. Natural and Mathematical Sciences are defined as any course from the following prefixes: ASTR, BIOC, BIOL, CHEM, CS (except CS 4883 Social Issues in Computing), GEOL, MATH, MICR, PBIO, PHYS, and STAT; or courses from other departments that carry an (A) or (N) general education designation.
- c. The required six hours of upper-division General Education may not include courses from the student's major department. This requirement may be satisfied by courses also used to satisfy any part of a student's degree program (i.e., in General Education, College Departmental Requirements, Major Requirements or Electives).
- d. Non-Western Studies Requirement for B.A. and B.F.A.; One 3-hour course in Non-Western Studies (N.W.). This requirement may be satisfied by courses also used to satisfy any part of a student's degree program (i.e., in General Education, College Departmental Requirements, Major Requirements or Electives).
- e. The College of Arts & Sciences requires a minimum 2.0 GPA in all major requirements and a minimum 2.0 GPA in all major-prefix courses applied to the degree.

### 3. Foreign Language Proficiency

- a. The foreign language requirement for the B.A. may be satisfied by 9 hours college credit in the same language, which must include 3 hours at the 2000-level, or equivalent proficiency (e.g., passing an advanced standing examination; TOEFL exam; presenting a high school transcript which demonstrates the high school was primarily conducted in a language other than English; etc.). Computer Science courses may not be used to satisfy this requirement. Currently Arabic and Mvskoke are not offered at the 2000-level at OSU.
- b. The foreign language requirement for the B.S., B.M. and B.F.A. may be satisfied by presenting a high school transcript which demonstrates two years of study of a single foreign language (passing grades at second-year level of study). It may also be satisfied by 6 hours college credit in the same language, which must include language courses 1713 and 1813, or

equivalent proficiency (e.g., passing an advanced standing examination; TOEFL exam; presenting a high school transcript which demonstrates the high school was primarily conducted in a language other than English; etc.). Computer Science courses may not be used to satisfy this requirement.

- c. In addition to a. and b., students pursuing teacher certification must meet novice-high foreign language proficiency by presenting a high school transcript which demonstrates two years of study of a single foreign language with no grade below B. Or, students may complete 3 hours college credit in a single language with no grade below C (or pass an advanced standing examination, College Level Examination Program (CLEP) exam, or Oral Proficiency Interview developed by the American Council on the Teaching of Foreign Languages, equivalent to 3 hours of college credit.) Or, students may meet the requirement by transfer of documentation of meeting the foreign language competency from one of the teacher education programs in the State of Oklahoma approved by the Oklahoma State Regents for Higher Education.

### 4. Exclusions

- a. Courses used to satisfy the General Education English Composition, U.S. History, American Government, and Mathematics or Statistics requirements will not count toward the 54-hour maximum allowed from one department.
- b. Courses with ATHL or LEIS prefixes and leisure activity courses may not be used for degree credit.

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- Degrees that follow this plan must be completed by the end of Summer 2028.

## Psychology

The student pursuing a BA or BS in psychology is provided with a background which can be of great value in personal, social and vocational areas of life. The course of study applies the scientific method to the study of the behavior of an individual and behavior between individuals. The understanding of such material can be directly related to a variety of vocational opportunities. In addition, students may take advantage of opportunities to work with faculty in research or in teaching to gain additional experience. Such experiences are especially helpful to those students wishing to pursue graduate education in psychology or related fields.

A bachelor's degree in psychology is useful in a wide number of occupations in business, education and industry. The range of positions obtained by graduates covers almost all occupations requiring direct personal contact with other people. Some examples are supervision, training, sales, public relations and interviewing. Also included are positions with city, state and federal agencies, and in applied research. Although there is no licensure or certification to teach psychology in the schools, it is possible to earn a teaching certificate or license in social studies education with endorsement in psychology while pursuing a major in psychology. Persons interested in such teaching should contact the Office of Professional Education. (See "Professional Education Programs (<http://catalog.okstate.edu/education-human-sciences/professional-education-unit/>)" in the "College of Education and Human Sciences (p. 1859)" section of the Catalog.)

The department also offers courses in speech communication to enhance the student's ability to effectively communicate in the interpersonal, organizational and public contexts. Both conceptual knowledge and practical application are stressed to prepare students to begin careers in business and industry, or to enter graduate or professional schools.

## Courses

### PSYC 1111 Succeeding in Psychology

**Description:** This course will serve as a practical guide to making the most of your time as a psychology major at OSU and preparing for your work life beyond OSU, whether in graduate school or a career. You will learn about: resources that are available within the Psychology Department at OSU to help you succeed, strategies to maximize your competitiveness as a potential graduate student or future employee, and steps to take as you plan for your career after graduation.

**Credit hours:** 1

**Contact hours:** Lecture: 1 Contact: 1

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Psychology

### PSYC 1113 Introductory Psychology (S)

**Description:** Principles, theories, vocabulary and applications of the science of psychology.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Psychology

**General Education and other Course Attributes:** Social & Behavioral Sciences

### PSYC 2313 Psychology of Adjustment

**Prerequisites:** PSYC 1113.

**Description:** This course provides an introductory examination of the applied psychological theory and research concerning mental health and well-being. Subjects include stress and coping, identity, gender, personal growth, communication, interpersonal relationships, psychological disorders and treatment, and career issues. This course was previously taught as Psychology and Human Problems.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Psychology

### PSYC 2443 Clinical Child Psychology

**Prerequisites:** PSYC 1113 with grade of "C" or better.

**Description:** This course will present information from empirical research, key theories, and concepts that shape the current understanding of developmental psychopathology, and clinical child and adolescent psychology.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Psychology

### PSYC 2583 Developmental Psychology (S)

**Prerequisites:** PSYC 1113.

**Description:** The nature of pertinent studies, causes, and theories of human developmental phenomena across the life span. Course previously offered as PSYC 3583.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Psychology

**General Education and other Course Attributes:** Social & Behavioral Sciences

### PSYC 2593 Psychology of Human Sexuality

**Prerequisites:** PSYC 1113.

**Description:** Survey of behavioral, personality and psychophysiological components of human sexuality, with special emphasis on the delineation of facts from sexual myths.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Psychology

### PSYC 2743 Social Psychology (S)

**Prerequisites:** PSYC 1113.

**Description:** Theories and applications of social cognition, the self, pro-social and aggressive behavior, groups, attitudes and the environment. Course previously offered as PSYC 3743.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Psychology

**General Education and other Course Attributes:** Social & Behavioral Sciences



**PSYC 2890 Honors Experience in Psychology**

**Prerequisites:** Honors Program participation and concurrent enrollment in a designated PSYC course.

**Description:** A supplemental Honors experience in Psychology to partner concurrently with designated Psychology course(s). This course adds a different intellectual dimension to the designated course(s). Offered for fixed credit, 1 credit hour, maximum of 6 credit hours.

**Credit hours:** 1

**Contact hours:** Lecture: 1 Contact: 1

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Psychology

**General Education and other Course Attributes:** Honors Credit

**PSYC 3003 Data Analysis with Observation Oriented Modeling**

**Prerequisites:** PSYC 3214.

**Description:** Students will learn a suite of nonparametric analysis techniques (Observation Oriented Modeling) that are simple to use, easy to understand, and designed for data collected in the social and life sciences. Measurement, causal modeling, and the history of modern statistical methods of data analysis will also be covered in this course.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Psychology

**PSYC 3013 Psychology of Motivation**

**Prerequisites:** PSYC 1113.

**Description:** Examines the initiation, persistence and achievement of goal-directed behavior. Theory, research and applications of these concepts are emphasized.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Psychology

**PSYC 3033 Psychology of Humor (S)**

**Prerequisites:** PSYC 1113.

**Description:** The course will examine theoretical perspective on the topic of humor, including cross-cultural and individual as well as the development of humor.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Psychology

**General Education and other Course Attributes:** Social & Behavioral Sciences

**PSYC 3053 Psychology of Art (S)**

**Prerequisites:** PSYC 1113.

**Description:** The course will examine psychological approaches to the understanding of how art is experienced and produced. The course will examine all forms of art, including visual art, music, sculpture, and other forms of artistic expression.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Psychology

**General Education and other Course Attributes:** Social & Behavioral Sciences

**PSYC 3073 Neurobiological Psychology (N)**

**Prerequisites:** PSYC 1113.

**Description:** Neural bases of human experience and behavior. Topics include sensation and perception, motivation and emotion, learning and thinking.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Psychology

**General Education and other Course Attributes:** Natural Sciences

**PSYC 3113 Comparative Psychology (N)**

**Prerequisites:** PSYC 1113.

**Description:** Comparative study of behavior characteristics of selected samples of the animal kingdom from protozoa to humans. Topics include the history of comparative psychology, how to design a comparative experiment, and the importance of comparative psychology in our daily lives.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Psychology

**General Education and other Course Attributes:** Natural Sciences

**PSYC 3120 Special Topics in Psychology**

**Prerequisites:** PSYC 1113.

**Description:** Special topics in psychology to be determined by faculty. Offered for variable credit, 1-12 credit hours, maximum of 12 credit hours.

**Credit hours:** 1-12

**Contact hours:** Contact: 1-12 Other: 1-12

**Levels:** Undergraduate

**Schedule types:** Independent Study

**Department/School:** Psychology

**PSYC 3173 Introduction to Cognitive Science (N)**

**Description:** Introduction to the study of human and artificial intelligence. The course will survey contributions to the understanding of intelligence from psychology, neuroscience, computer science, philosophy, and linguistics.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Psychology

**General Education and other Course Attributes:** Natural Sciences

**PSYC 3214 Statistical Methods in Psychology**

**Prerequisites:** PSYC 1113, and either MATH 1483 or MATH 1513 or higher, or STAT 2013 or higher, with a grade of "C" or higher in one of the prerequisite math or statistics courses.

**Description:** Evaluation of research in psychology including scales of measurement and quantitative/statistical procedures for data analysis and inference. Course will cover descriptive statistics and inferential statistics with emphasis on procedures used in the psychological sciences.

**Credit hours:** 4

**Contact hours:** Lecture: 3 Lab: 2 Contact: 5

**Levels:** Undergraduate

**Schedule types:** Lab, Lecture, Combined lecture and lab

**Department/School:** Psychology

**PSYC 3343 Black Psychology (DS)****Prerequisites:** PSYC 1113.**Description:** Students will gain an understanding of the psychology of African Americans drawing upon African and American cultures and perspectives. The course will cover the foundations of African American psychology, African philosophy, Africentric psychology, intrapersonal and interpersonal topics such as family and community, peers and friends, racial identity, and select social issues among African Americans such as physical and mental health, education, racism, and employment. Same course as AFAM 3343.**Credit hours:** 3**Contact hours:** Lecture: 3 Contact: 3**Levels:** Undergraduate**Schedule types:** Lecture**Department/School:** Psychology**General Education and other Course Attributes:** Diversity, Social & Behavioral Sciences**PSYC 3413 Social Cognition & Behavior; Mating, Morality, & other Mysteries****Prerequisites:** PSYC 1113 and PSYC 2743.**Description:** We investigate advanced topics in social psychology dealing with social cognition, perception, and interpersonal behavior (e.g., cooperation, friendship, mating aggression), with special emphasis on cutting-edge theoretical approaches and understanding the processes of critically consuming and generating social psychological research. Previously taught as Psychology of Social Behaviors.**Credit hours:** 3**Contact hours:** Lecture: 3 Contact: 3**Levels:** Undergraduate**Schedule types:** Lecture**Department/School:** Psychology**PSYC 3443 Abnormal Psychology (S)****Prerequisites:** PSYC 1113.**Description:** This course will survey the field of abnormal psychology. We will examine the major psychological disorders, their causes, and how they are treated. The primary focus will be on the description of adult disorders and theories of etiology/treatment.**Credit hours:** 3**Contact hours:** Lecture: 3 Contact: 3**Levels:** Undergraduate**Schedule types:** Lecture**Department/School:** Psychology**General Education and other Course Attributes:** Social & Behavioral Sciences**PSYC 3513 Psychology of Learning****Prerequisites:** PSYC 1113, PSYC 3413.**Description:** Behavior change as a function of experience from relatively simple learning processes such as classical and instrumental conditioning to relatively complex processes such as verbal learning and concept identification.**Credit hours:** 3**Contact hours:** Lecture: 3 Contact: 3**Levels:** Undergraduate**Schedule types:** Lecture**Department/School:** Psychology**PSYC 3713 Psychology of Memory****Prerequisites:** PSYC 1113 and three additional hours of psychology.**Description:** An overview of scientific research on human memory including how memory operates in daily life, how memory changes as we age, why we do not remember much of our early childhood, memory disorders, and eyewitness memory.**Credit hours:** 3**Contact hours:** Lecture: 3 Contact: 3**Levels:** Undergraduate**Schedule types:** Lecture**Department/School:** Psychology**PSYC 3823 Cognitive Psychology****Prerequisites:** PSYC 1113, PSYC 3214 or equivalent.**Description:** Cognitive processes. Thinking, problem solving, visual imagery, attention, and memory search. Both theory and application emphasized.**Credit hours:** 3**Contact hours:** Lecture: 3 Contact: 3**Levels:** Undergraduate**Schedule types:** Lecture**Department/School:** Psychology**PSYC 3883 Positive Psychology****Description:** This course focuses on the positive side of human nature and the most effective ways to pursue the good life by examining scientific research centered on the nature of happiness and psychological well-being.**Credit hours:** 3**Contact hours:** Lecture: 3 Contact: 3**Levels:** Undergraduate**Schedule types:** Lecture**Department/School:** Psychology**PSYC 3890 Advanced Honors Experience in PSYC****Prerequisites:** Honors Program participation and concurrent enrollment in a designated PSYC course.**Description:** A supplemental Honors experience in Psychology to partner concurrently with designated upper-division PSYC course(s). This course adds a different intellectual dimension to the designated course(s). Offered for fixed credit, 1 credit hour, maximum of 6 credit hours.**Credit hours:** 1**Contact hours:** Lecture: 1 Contact: 1**Levels:** Undergraduate**Schedule types:** Lecture**Department/School:** Psychology**General Education and other Course Attributes:** Honors Credit**PSYC 3914 Experimental Psychology: Introduction to Research Methods in Psychology****Prerequisites:** PSYC 1113 and PSYC 3214 with a grade of "C" or better.**Description:** Examination of fundamentals of the scientific method as applied to research in psychology. Research design, sampling, measurement, analytical, evaluative, and interpretive skills needed to understand the professional research literature. Includes a laboratory component in which students conduct research, use SPSS for data analysis, and write APA style papers.**Credit hours:** 4**Contact hours:** Lecture: 3 Lab: 2 Contact: 5**Levels:** Undergraduate**Schedule types:** Lab, Lecture, Combined lecture and lab**Department/School:** Psychology

**PSYC 3990 Teaching Practicum****Prerequisites:** Consent of instructor.**Description:** For outstanding students. Students will work with a faculty instructor and assist in many aspects of teaching including guest lecturing, offering study sessions, office hours, among other duties as determined by instructor. May involve meetings and written papers. Offered for variable credit, 1-6 credit hours, maximum of 6 credit hours.**Credit hours:** 1-6**Contact hours:** Contact: 1-6 Other: 1-6**Levels:** Undergraduate**Schedule types:** Independent Study**Department/School:** Psychology**PSYC 4013 Introduction to Pediatric Psychology****Prerequisites:** PSYC 1113.**Description:** Pediatric psychology is a dynamic subspecialty that involves promotion of children's health and delivery of psychological services to children with both acute and chronic illnesses. This course provides an introduction to the field of pediatric psychology, including historical perspectives, theoretical models and underpinnings, roles of the pediatric psychologist in a number of hospital and clinic settings, and psychosocial interventions with a variety of childhood chronic illnesses and diseases. In addition, this course covers the empirical knowledge base for public health, injury prevention, pain management, consultation and liaison work, as well as general assessment and intervention in medical contexts for children with a variety of health-related issues.**Credit hours:** 3**Contact hours:** Lecture: 3 Contact: 3**Levels:** Undergraduate**Schedule types:** Lecture**Department/School:** Psychology**PSYC 4023 Evolutionary Psychology (N)****Prerequisites:** Introductory Psychology.**Description:** Evolutionary psychology is the scientific study of human nature that focuses on understanding the psychological adaptations that evolved to solve ancestral survival and reproductive problems. The course begins with a brief historical review of key themes in psychology and evolutionary biology. The adaptive problems of survival, long-term mating, sexuality, parenting, kinship, cooperation, aggression and warfare, conflict between the sexes, status, prestige, and social dominance are covered in the course.**Credit hours:** 3**Contact hours:** Lecture: 3 Contact: 3**Levels:** Undergraduate**Schedule types:** Lecture**Department/School:** Psychology**General Education and other Course Attributes:** Natural Sciences**PSYC 4073 Principles of Neuroscience****Prerequisites:** BIOL 1114 or (BIOL 1113 or BIOL 1111) and either (CHEM 1215, CHEM 1314, or CHEM 1414).**Description:** Neuroscience is an interdisciplinary field focused on understanding the structure and function of the brain, spinal cord, and peripheral nervous system. This course examines foundational theories and principles related to the neural mechanisms controlling physiological processes and behavior. Topics covered include cellular neurobiology, neuronal signaling, neural development and plasticity, comparative neuroanatomy, and neurobiology of complex brain functions such as sensory processing, arousal, emotions, learning, and memory. Previous coursework in physiology recommended. Same course as BIOL 4073. May not be used for degree credit with BIOL 5073 or PSYC 5073.**Credit hours:** 3**Contact hours:** Lecture: 3 Contact: 3**Levels:** Undergraduate**Schedule types:** Lecture**Department/School:** Psychology**PSYC 4123 Psychology of Women (DS)****Prerequisites:** PSYC 1113.**Description:** This course examines the biological, psychological and sociocultural factors influencing behavior, cognition, and affect in the lives of women.**Credit hours:** 3**Contact hours:** Lecture: 3 Contact: 3**Levels:** Undergraduate**Schedule types:** Lecture**Department/School:** Psychology**General Education and other Course Attributes:** Diversity, Social & Behavioral Sciences**PSYC 4143 Psychology and Law****Prerequisites:** PSYC 1113.**Description:** The new psycho-legal literature reviewed with emphasis on the psychological basis of voir dire, eyewitness behavior, courtroom persuasion, jury deliberation and mental health issues.**Credit hours:** 3**Contact hours:** Lecture: 3 Contact: 3**Levels:** Undergraduate**Schedule types:** Lecture**Department/School:** Psychology**PSYC 4153 Psychology and Mass Media****Prerequisites:** PSYC 1113.**Description:** Examination of the role of mass media in shaping public perceptions of mental illness and mental health treatment with a focus on the role of popular films. Students will learn to critically evaluate the veracity of film portrayals as well as common themes involving mental health. Also, aspects of social and cognitive psychology in film.**Credit hours:** 3**Contact hours:** Lecture: 3 Contact: 3**Levels:** Undergraduate**Schedule types:** Lecture**Department/School:** Psychology

**PSYC 4163 Psychology of Prejudice and Discrimination (D)****Prerequisites:** PSYC 1113.**Description:** Explores the nature and causes of stereotyping, discrimination and minority experience, mainly from a social psychological perspective. Examines how these issues impact social group members, especially members of low status or minority groups.**Credit hours:** 3**Contact hours:** Lecture: 3 Contact: 3**Levels:** Undergraduate**Schedule types:** Lecture**Department/School:** Psychology**General Education and other Course Attributes:** Diversity**PSYC 4183 Issues in Clinical Psychology****Prerequisites:** PSYC 1113 and three additional hours of psychology.**Description:** An in-depth look at clinical psychology including the role of science in clinical psychology, specialty areas in the discipline, and major therapy approaches. Also examines clinical psychology as a profession and applying to graduate school in clinical psychology.**Credit hours:** 3**Contact hours:** Lecture: 3 Contact: 3**Levels:** Undergraduate**Schedule types:** Lecture**Department/School:** Psychology**PSYC 4213 Conflict Resolution (S)****Prerequisites:** PSYC 1113.**Description:** Interpersonal conflict studied from psychological perspectives. Types and uses of conflict, and conditions for constructive dispute settlement.**Credit hours:** 3**Contact hours:** Lecture: 3 Contact: 3**Levels:** Undergraduate**Schedule types:** Lecture**Department/School:** Psychology**General Education and other Course Attributes:** Social & Behavioral Sciences**PSYC 4223 Decision Making and Problem Solving****Prerequisites:** PSYC 1113 or consent of instructor.**Description:** An examination of the research literature on individual decision-making and problem solving with dual emphases on theory and application. A thorough prior understanding of the human cognitive system is desirable, but not required. May not be used for degree credit with PSYC 5293.**Credit hours:** 3**Contact hours:** Lecture: 3 Contact: 3**Levels:** Undergraduate**Schedule types:** Lecture**Department/School:** Psychology**PSYC 4243 Psychology of Aging****Prerequisites:** PSYC 1113 or consent of instructor.**Description:** This course aims to increase your understanding of the human aging process through traditional classroom experiences focusing on knowledge of the physical, cognitive, and social changes that are part of late adulthood. Additionally, students will learn more actively by working with older adults who are living in our community. Our overall goal is to enhance our understanding of the psychology of aging by integrating our classroom-acquired knowledge with our community service experiences. May not be used for degree credit with PSYC 5243.**Credit hours:** 3**Contact hours:** Lecture: 3 Contact: 3**Levels:** Undergraduate**Schedule types:** Lecture**Department/School:** Psychology**PSYC 4263 Affective Neuroscience****Prerequisites:** PSYC 1113.**Description:** This course will examine biological mechanisms underlying emotions. Topics include basic theories of emotion, the neural circuits associated with emotion generation, as well as related cognitive processes. May not be used for degree credit with PSYC 5663.**Credit hours:** 3**Contact hours:** Lecture: 3 Contact: 3**Levels:** Undergraduate**Schedule types:** Lecture**Department/School:** Psychology**PSYC 4283 Health Psychology****Prerequisites:** PSYC 1113.**Description:** This course will explore the interplay between psychology and health, including the psychological impact of illness, psychological contributions to illness and wellness, health behaviors, and psychological interventions to improve health and healthcare.**Credit hours:** 3**Contact hours:** Lecture: 3 Contact: 3**Levels:** Undergraduate**Schedule types:** Lecture**Department/School:** Psychology**PSYC 4293 Forensic Psychology****Prerequisites:** PSYC 1113.**Description:** This course provides an introduction to forensic psychology, the relationship between psychology and law. The course examines five subspecialties of forensic psychology including associated careers.**Credit hours:** 3**Contact hours:** Lecture: 3 Contact: 3**Levels:** Undergraduate**Schedule types:** Lecture**Department/School:** Psychology**PSYC 4333 Personality****Prerequisites:** PSYC 1113 or consent of instructor.**Description:** Basic assumptions, research, and clinical issues relating to the major personality theories. May not be used for degree credit with PSYC 5533.**Credit hours:** 3**Contact hours:** Lecture: 3 Contact: 3**Levels:** Undergraduate**Schedule types:** Lecture**Department/School:** Psychology

**PSYC 4343 Language Development (S)****Prerequisites:** PSYC 1113 or consent of instructor.**Description:** Current theory and research on the development of language throughout the lifespan. The nature of language, first language acquisition, second and third language acquisition, brain and language, language processing, social aspects of language, gender differences in language use and language processing, language use by older adults, language use directed at older adults, language disorders, and language use in special populations.**Credit hours:** 3**Contact hours:** Lecture: 3 Contact: 3**Levels:** Undergraduate**Schedule types:** Lecture**Department/School:** Psychology**General Education and other Course Attributes:** Social & Behavioral Sciences**PSYC 4353 History of the Human Soul****Description:** Psychology literally means the study of the soul, and in this course students will explore the history of the human soul from antiquity to modern times. Students will read selections from various literary figures, scholars, and philosophers, such as Oscar Wilde, Victor Frankl, Plato, Aristotle, and St. Thomas Aquinas. Modern psychological theories will then be explored and discussed in light of these works.**Credit hours:** 3**Contact hours:** Lecture: 3 Contact: 3**Levels:** Undergraduate**Schedule types:** Lecture**Department/School:** Psychology**PSYC 4483 Psychology of Parent Behavior (S)****Prerequisites:** PSYC 1113.**Description:** Historical and contemporary conceptions of parent-child relationship and approaches to communication and discipline; special problems in parenting.**Credit hours:** 3**Contact hours:** Lecture: 3 Contact: 3**Levels:** Undergraduate**Schedule types:** Lecture**Department/School:** Psychology**General Education and other Course Attributes:** Social & Behavioral Sciences**PSYC 4493 History of Psychology****Prerequisites:** PSYC 1113.**Description:** History of psychology as an aspect of European intellectual history. Psychological thought from early philosophical roots to modern conceptions of psychology as a science. Topics include the contribution of under-represented groups to psychology and the role of non-European contributions to psychological thought and the solution to practical problems. May not be used for degree credit with PSYC 5493.**Credit hours:** 3**Contact hours:** Lecture: 3 Contact: 3**Levels:** Undergraduate**Schedule types:** Lecture**Department/School:** Psychology**PSYC 4633 Psychology of Sport and Human Performance****Prerequisites:** PSYC 1113.**Description:** This course will explore psychological issues related to sport and human performance, including performance enhancement, stress and arousal, motivation, leadership, and coping with injury and retirement.**Credit hours:** 3**Contact hours:** Lecture: 3 Contact: 3**Levels:** Undergraduate**Schedule types:** Lecture**Department/School:** Psychology**PSYC 4770 Undergraduate Senior Thesis****Prerequisites:** PSYC 1113, PSYC 3214, PSYC 3914, junior or senior standing and consent of instructor.**Description:** The thesis is an empirical study that results in a manuscript conforming to APA style. It should contain a literature review that informs specific hypothesis, as well as method, results, discussion, and reference sections. The results section of the manuscript is typically based on data collected by the student, but it is also acceptable for it to stem from an original analysis of an archival dataset. Offered for variable credit, 1-6 credit hours, maximum of 6 credit hours.**Credit hours:** 1-6**Contact hours:** Contact: 1-6 Other: 1-6**Levels:** Undergraduate**Schedule types:** Independent Study**Department/School:** Psychology**PSYC 4813 Psychological Testing****Prerequisites:** PSYC 1113 and PSYC 3214.**Description:** Quantitative aspects of measurement and testing, with emphasis on scaling, standardization, reliability and validity. Basic principles of construction and the ethics of use.**Credit hours:** 3**Contact hours:** Lecture: 3 Contact: 3**Levels:** Undergraduate**Schedule types:** Lecture**Department/School:** Psychology**PSYC 4880 Senior Honors Thesis****Prerequisites:** PSYC 3214, departmental invitation, senior standing.**Description:** The thesis is an empirical study that results in a manuscript conforming to APA style. It should contain a literature review that informs specific hypothesis, as well as method, results, discussion, and reference sections. The results section of the manuscript is typically based on data collected by the student, but it is also acceptable for it to stem from an original analysis of an archival dataset. Offered for variable credit, 1-6 credit hours, maximum of 6 credit hours.**Credit hours:** 1-6**Contact hours:** Contact: 1-6 Other: 1-6**Levels:** Undergraduate**Schedule types:** Independent Study**Department/School:** Psychology**PSYC 4883 Current Issues in Psychology****Prerequisites:** PSYC 3214, PSYC 3914.**Description:** A capstone course examining current issues in psychology, their relationship to current issues in other academic disciplines, and their relevance in an educated society.**Credit hours:** 3**Contact hours:** Lecture: 3 Contact: 3**Levels:** Undergraduate**Schedule types:** Lecture**Department/School:** Psychology



**PSYC 4990 Research Practicum**

**Prerequisites:** PSYC 1113, PSYC 3214 and consent of instructor.  
**Description:** Supervised research experiences in psychology with a faculty member. May involve meetings and written paper(s). Offered for variable credit, 1-6 credit hours, maximum of 6 credit hours.

**Credit hours:** 1-6

**Contact hours:** Contact: 1-6 Other: 1-6

**Levels:** Undergraduate

**Schedule types:** Independent Study

**Department/School:** Psychology

**PSYC 5000 Thesis**

**Description:** Required of all graduate students majoring in psychology and writing a thesis. Offered for variable credit, 1-6 credit hours, maximum of 6 credit hours.

**Credit hours:** 1-6

**Contact hours:** Contact: 1-6 Other: 1-6

**Levels:** Graduate

**Schedule types:** Independent Study

**Department/School:** Psychology

**PSYC 5073 Principles of Neuroscience**

**Description:** This course examines foundational theories and principles related to the neural mechanisms controlling physiological processes and behavior. Topics covered include cellular neurobiology, neuronal signaling, neural development and plasticity, comparative neuroanatomy, and neurobiology of complex brain functions such as sensory processing, arousal, emotions, learning, and memory. Previous coursework in physiology recommended. Same course as BIOL 5073 and BIOM 5983. May not be used for degree credit with BIOL 4073 or PSYC 4073.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Graduate

**Schedule types:** Lecture

**Department/School:** Psychology

**PSYC 5113 Psychopathology**

**Prerequisites:** Graduate standing in psychology or consent of instructor.

**Description:** Principles of diagnosis and treatment of major disorders.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Graduate

**Schedule types:** Lecture

**Department/School:** Psychology

**PSYC 5120 Psychology Workshop**

**Description:** Provides an opportunity to study specific psychological problems, both applied and theoretical. Offered for variable credit, 2-6 credit hours, maximum of 6 credit hours.

**Credit hours:** 2-6

**Contact hours:** Contact: 2-6 Other: 2-6

**Levels:** Graduate

**Schedule types:** Independent Study

**Department/School:** Psychology

**PSYC 5153 Cognitive Assessment**

**Prerequisites:** PSYC 3443, PSYC 4813; graduate standing in the clinical program of the Department of Psychology or consent of instructor.

**Description:** Issues of psychological testing and assessment, psychometric theory, and ethics of testing as well as fundamental skills of cognitive and intellectual assessment, including administration, scoring, and interpretation of cognitive tests and report writing. Application of cognitive tests to specific clinical problems.

**Credit hours:** 3

**Contact hours:** Lecture: 2 Lab: 2 Contact: 4

**Levels:** Graduate

**Schedule types:** Lab, Lecture, Combined lecture and lab

**Department/School:** Psychology

**PSYC 5193 Ethics and Professional Development in Psychology**

**Prerequisites:** Graduate standing in the Department of Psychology.

**Description:** Principles of ethics with a focus on the guidelines and standards for psychology. Legal and ethical issues for the practice of clinical psychology.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Graduate

**Schedule types:** Lecture

**Department/School:** Psychology

**PSYC 5233 Introduction to Clinical Methods**

**Prerequisites:** Consent of instructor.

**Description:** Introduction to a variety of topics relevant to clinical psychology training and professional development. Course will provide a foundation for subsequent training experiences. A special emphasis is placed upon developing the common therapy skills that will form a foundation for future clinical training experiences.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Graduate

**Schedule types:** Lecture

**Department/School:** Psychology

**PSYC 5243 Psychology of Aging**

**Prerequisites:** PSYC 1113 or consent of instructor.

**Description:** This course aims to increase your understanding of the human aging process through traditional classroom experiences focusing on knowledge of the physical, cognitive, and social changes that are part of late adulthood. Additionally, students will learn more actively by working with older adults who are living in our community. Our overall goal is to enhance our understanding of the psychology of aging by integrating our classroom-acquired knowledge with our community service experiences. May not be used for degree credit with PSYC 4243.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Graduate

**Schedule types:** Lecture

**Department/School:** Psychology



**PSYC 5293 Decision Making and Problem Solving****Prerequisites:** PSYC 1113 or consent of instructor.**Description:** An examination of the research literature on individual decision-making and problem solving with dual emphases on theory and application. A thorough prior understanding of the human cognitive system is desirable, but not required. May not be used for degree credit with PSYC 4223.**Credit hours:** 3**Contact hours:** Lecture: 3 Contact: 3**Levels:** Graduate**Schedule types:** Lecture**Department/School:** Psychology**PSYC 5304 Quantitative Methods in Psychology I****Prerequisites:** PSYC 3214 or equivalent.**Description:** Hypothesis testing, chi-square, student's t, bivariate correlation and linear regression in psychology. Critical thinking regarding the application of statistical methods is stressed. The use of contemporary statistical software for analyses is covered. Course previously offered as PSYC 5303.**Credit hours:** 4**Contact hours:** Lecture: 3 Lab: 2 Contact: 5**Levels:** Graduate**Schedule types:** Lab, Lecture, Combined lecture and lab**Department/School:** Psychology**PSYC 5314 Quantitative Methods in Psychology II****Prerequisites:** PSYC 5304.**Description:** Higher-order analysis of variance designs, correlation and regression techniques, and analysis of covariance, with emphasis on applications to psychological experimentation. Computer applications of all procedures using SPSS and/or SAS during the lab. Course previously offered as PSYC 5313.**Credit hours:** 4**Contact hours:** Lecture: 3 Lab: 2 Contact: 5**Levels:** Graduate**Schedule types:** Lab, Lecture, Combined lecture and lab**Department/School:** Psychology**PSYC 5333 Systems of Psychotherapy****Prerequisites:** PSYC 5113; graduate standing in the clinical program of the Department of Psychology or consent of instructor.**Description:** The major approaches to psychotherapy. Methods for creating multiple impact for behavioral change, including interpersonal, social, community and preventative interventions.**Credit hours:** 3**Contact hours:** Lecture: 3 Contact: 3**Levels:** Graduate**Schedule types:** Lecture**Department/School:** Psychology**PSYC 5380 Research****Prerequisites:** Consent of instructor.**Description:** Research project on some psychological problem. Offered for variable credit, 1-12 credit hours, maximum of 24 credit hours.**Credit hours:** 1-24**Contact hours:** Contact: 1-24 Other: 1-24**Levels:** Graduate**Schedule types:** Independent Study**Department/School:** Psychology**PSYC 5493 History of Psychology****Prerequisites:** PSYC 1113.**Description:** History of psychology as an aspect of European intellectual history. Psychological thought from early philosophical roots to modern conceptions of psychology as a science. Topics include the contribution of under-represented groups to psychology and the role of non-European contributions to psychological thought and the solution to practical problems. May not be used for degree credit with PSYC 4493.**Credit hours:** 3**Contact hours:** Lecture: 3 Contact: 3**Levels:** Graduate**Schedule types:** Lecture**Department/School:** Psychology**PSYC 5533 Personality****Prerequisites:** PSYC 1113 or consent of instructor.**Description:** Basic assumptions, research, and clinical issues relating to the major personality theories. May not be used for degree credit with PSYC 4333.**Credit hours:** 3**Contact hours:** Lecture: 3 Contact: 3**Levels:** Graduate**Schedule types:** Lecture**Department/School:** Psychology**PSYC 5620 Seminar in Psychology****Prerequisites:** Consent of instructor.**Description:** Consideration of special topics that are particularly timely or technical in nature. Offered for variable credit, 1-12 credit hours, maximum of 12 credit hours.**Credit hours:** 1-12**Contact hours:** Contact: 1-12 Other: 1-12**Levels:** Graduate**Schedule types:** Independent Study**Department/School:** Psychology**PSYC 5660 Teaching Practicum****Prerequisites:** Consent of instructor.**Description:** Primarily for graduate students with well-defined new teaching responsibilities. Offered for variable credit, 1-2 credit hours, maximum of 2 credit hours.**Credit hours:** 1-2**Contact hours:** Lecture: 1-2 Contact: 1-2**Levels:** Graduate**Schedule types:** Lecture**Department/School:** Psychology**PSYC 5663 Affective Neuroscience****Prerequisites:** PSYC 1113.**Description:** This course will examine biological mechanisms underlying emotions. Topics include basic theories of emotion, the neural circuits associated with emotion generation, as well as related cognitive processes. May not be used for degree credit with PSYC 4263.**Credit hours:** 3**Contact hours:** Lecture: 3 Contact: 3**Levels:** Graduate**Schedule types:** Lecture**Department/School:** Psychology

**PSYC 5813 Lifespan Cognitive Developmental Psychology****Prerequisites:** Consent of instructor.**Description:** Examines theory and basic research related to the age-related changes in human cognition that occur for a typically developing individual during infancy, childhood, early adulthood, middle age and late adulthood.**Credit hours:** 3**Contact hours:** Lecture: 3 Contact: 3**Levels:** Graduate**Schedule types:** Lecture**Department/School:** Psychology**PSYC 5823 Cognitive Processes****Description:** Theory and experimental research findings dealing with human thought processes from a developmental and functional standpoint.**Credit hours:** 3**Contact hours:** Lecture: 3 Contact: 3**Levels:** Graduate**Schedule types:** Lecture**Department/School:** Psychology**PSYC 5913 Lifespan Social Developmental Psychology****Prerequisites:** Consent of instructor.**Description:** Examines theory and basic research in social, emotional, and personality development in infancy, childhood, adolescence, and adulthood.**Credit hours:** 3**Contact hours:** Lecture: 3 Contact: 3**Levels:** Graduate**Schedule types:** Lecture**Department/School:** Psychology**PSYC 6000 Dissertation****Description:** Research and report thereon by graduate students in partial fulfillment of requirements for the Doctor of Philosophy degree. Offered for variable credit, 1-16 credit hours, maximum of 60 credit hours.**Credit hours:** 1-16**Contact hours:** Contact: 1-16 Other: 1-16**Levels:** Graduate**Schedule types:** Independent Study**Department/School:** Psychology**PSYC 6083 Principles of Evidence-Based Psychological Treatment****Prerequisites:** Graduate standing in the clinical program of the Department of Psychology or consent of instructor.**Description:** Principles and procedures of evidence-based psychological treatments.**Credit hours:** 3**Contact hours:** Lecture: 3 Contact: 3**Levels:** Graduate**Schedule types:** Lecture**Department/School:** Psychology**PSYC 6133 Ethnic and Cultural Diversity in Psychotherapy****Prerequisites:** Six credit hours of psychology and consent of instructor.**Description:** Increasing understanding and appreciation of ethnic and cultural diversity in the psychotherapy context. Critical examination of theory and research related to psychotherapy with multicultural populations.**Credit hours:** 3**Contact hours:** Lecture: 3 Contact: 3**Levels:** Graduate**Schedule types:** Lecture**Department/School:** Psychology**PSYC 6143 The Psychology of Substance Abuse****Prerequisites:** Consent of instructor.**Description:** Introduction to psychological classification of psychoactive substance (alcohol and drug) use disorders. Theory and research on psychological, biological, and environmental factors that are concomitants of substance abuse. Overview of major research techniques and treatment modalities in this area.**Credit hours:** 3**Contact hours:** Lecture: 3 Contact: 3**Levels:** Graduate**Schedule types:** Lecture**Department/School:** Psychology**PSYC 6173 Child Psychopathology and Treatment****Prerequisites:** PSYC 2583, PSYC 3443 or equivalent; graduate standing in the clinical program of the Department of Psychology, the doctorate school psychology program or the psychometry program, or consent of instructor.**Description:** Theoretical positions and issues in child psychopathology. Procedures used in the treatment of psychological disorders of children.**Credit hours:** 3**Contact hours:** Lecture: 3 Contact: 3**Levels:** Graduate**Schedule types:** Lecture**Department/School:** Psychology**PSYC 6223 Research Design****Prerequisites:** PSYC 3914 and doctoral level standing.**Description:** Experimental techniques in psychophysics, sensory processes, attention and perception, motivation and emotion, and learning and memory.**Credit hours:** 3**Contact hours:** Lecture: 3 Contact: 3**Levels:** Graduate**Schedule types:** Lecture**Department/School:** Psychology**PSYC 6233 Clinical Research Design****Prerequisites:** PSYC 5304 and PSYC 5314 or consent of instructor.**Description:** Methodology and research practices in clinical psychology, including experimental design, research practice, data analysis and interpretation, ethics, and dissemination of research findings.**Credit hours:** 3**Contact hours:** Lecture: 3 Contact: 3**Levels:** Graduate**Schedule types:** Lecture**Department/School:** Psychology**PSYC 6253 Seminar in Human Development****Prerequisites:** Consent of instructor.**Description:** Behavioral aspects of development from the prenatal period to senescence. Normal development contrasted to exceptional development.**Credit hours:** 3**Contact hours:** Lecture: 3 Contact: 3**Levels:** Graduate**Schedule types:** Lecture**Department/School:** Psychology

**PSYC 6353 Psychology of Motivation****Prerequisites:** PSYC 3914.**Description:** Outline of theory and research in human and animal motivation.**Credit hours:** 3**Contact hours:** Lecture: 3 Contact: 3**Levels:** Graduate**Schedule types:** Lecture**Department/School:** Psychology**PSYC 6393 Language Development****Description:** Review of data and theories of language development. Laboratory techniques and experimental designs will also be reviewed to emphasize understanding of past and contemporary research in language.**Credit hours:** 3**Contact hours:** Lecture: 3 Contact: 3**Levels:** Graduate**Schedule types:** Lecture**Department/School:** Psychology**PSYC 6443 Behavioral Medicine****Prerequisites:** Graduate standing in the clinical program of the Department of Psychology; consent of instructor.**Description:** An advanced graduate course for students in training for a PhD in clinical psychology. General considerations for psychophysiological disorders, general intervention strategies in behavioral medicine, including biofeedback and specific consideration and intervention strategies for specific disorders.**Credit hours:** 3**Contact hours:** Lecture: 3 Contact: 3**Levels:** Graduate**Schedule types:** Lecture**Department/School:** Psychology**PSYC 6453 Pediatric Psychology****Prerequisites:** Graduate standing in the Department of Psychology; consent of instructor.**Description:** Overview of the field of pediatric psychology, including historical perspectives, theoretical underpinnings, and application to a variety of child health problems. Childhood chronic illness, injury prevention, pain management, and consultation and intervention in medical contexts.**Credit hours:** 3**Contact hours:** Lecture: 3 Contact: 3**Levels:** Graduate**Schedule types:** Lecture**Department/School:** Psychology**PSYC 6483 Neurobiological Psychology****Prerequisites:** PSYC 3073 and PSYC 3914 or consent of instructor.**Description:** Physiological, neuroanatomical, and neurochemical underpinnings of human behavior. Emphasis on effects of central nervous system dysfunctions on behavioral processes ranging from sensation to concept formation.**Credit hours:** 3**Contact hours:** Lecture: 3 Contact: 3**Levels:** Graduate**Schedule types:** Lecture**Department/School:** Psychology**PSYC 6523 Family Treatment Methods****Prerequisites:** Graduate standing in the clinical program of the Department of Psychology or the doctorate counseling psychology program.**Description:** Introduction to techniques and philosophies of family treatment. Includes marital counseling and emphasis on family dynamics.**Credit hours:** 3**Contact hours:** Lecture: 3 Contact: 3**Levels:** Graduate**Schedule types:** Lecture**Department/School:** Psychology**PSYC 6543 Stereotyping, Prejudice, and Discrimination in Social Cognition****Prerequisites:** Consent of Instructor.**Description:** In this course we will investigate the social and cognitive processes and implications of stereotyping, prejudice, and discrimination (SPD). We will consider such questions as: What are the psychological and material costs of SPD - both for targets and those who hold them? Where do our stereotypes and prejudices come from, and what functions might they serve? How do perceptions, attention, and memory shape - and get shaped by - SPD?**Credit hours:** 3**Contact hours:** Lecture: 3 Contact: 3**Levels:** Graduate**Schedule types:** Lecture**Department/School:** Psychology**PSYC 6563 Advanced Social Psychology****Prerequisites:** PSYC 2743.**Description:** History, theory and experimentation of dynamic interaction of group membership and individual behavior.**Credit hours:** 3**Contact hours:** Lecture: 3 Contact: 3**Levels:** Graduate**Schedule types:** Lecture**Department/School:** Psychology**PSYC 6583 Developmental Psychobiology****Prerequisites:** PSYC 3073 or equivalent; consent of instructor.**Description:** An exploration of the biological aspects of human development with particular emphasis on the physiological, ethological, and genetic perspectives.**Credit hours:** 3**Contact hours:** Lecture: 3 Contact: 3**Levels:** Graduate**Schedule types:** Lecture**Department/School:** Psychology**PSYC 6593 Evolutionary Social Science****Prerequisites:** Consent of Instructor.**Description:** Evolutionary social science (ESS) is an interdisciplinary topic. This course will introduce you to ESS, which includes evolutionary psychology, human behavioral ecology, and cultural evolution. The course goal is to introduce you to evolutionary approaches to investigating human social cognition and behavior.**Credit hours:** 3**Contact hours:** Lecture: 3 Contact: 3**Levels:** Graduate**Schedule types:** Lecture**Department/School:** Psychology

**PSYC 6613 Experimental Learning Theories****Prerequisites:** Nine credit hours of psychology.**Description:** Basic concepts and empirical findings in animal and human learning.**Credit hours:** 3**Contact hours:** Lecture: 3 Contact: 3**Levels:** Graduate**Schedule types:** Lecture**Department/School:** Psychology**PSYC 6640 Clinical Practicum****Prerequisites:** Graduate standing in the clinical program of the Department of Psychology.**Description:** Practicum experience for graduate students in the clinical psychology program. Offered for variable credit, 1-12 credit hours, maximum of 17 credit hours.**Credit hours:** 1-12**Contact hours:** Contact: 1-12 Other: 1-12**Levels:** Graduate**Schedule types:** Independent Study**Department/School:** Psychology**PSYC 6643 Psychopharmacology****Prerequisites:** PSYC 3073 or PSYC 5054, consent of instructor.**Description:** A comprehensive course dealing with the various classes of drugs that affect the central nervous system. Primary focus is on clinical research with humans. Covers topics ranging from drug-receptor interactions through substance abuse and behavioral disorders.**Credit hours:** 3**Contact hours:** Lecture: 3 Contact: 3**Levels:** Graduate**Schedule types:** Lecture**Department/School:** Psychology**PSYC 6650 Practicum****Prerequisites:** Graduate standing in the clinical program of the Department of Psychology.**Description:** For the marriage and family practicum only, doctoral level counseling psychology students may also enroll. Practicum experience for graduate students in the clinical program of the Department of Psychology who are doing supervised practicum in specific clinical areas of specialization. Offered for variable credit, 1-16 credit hours, maximum of 16 credit hours.**Credit hours:** 1-16**Contact hours:** Contact: 1-16 Other: 1-16**Levels:** Graduate**Schedule types:** Independent Study**Department/School:** Psychology**PSYC 6723 Child Diagnostic Methods****Prerequisites:** PSYC 5153, graduate standing in the clinical program in psychology or the doctoral school psychology program or consent of instructor.**Description:** Administration and interpretation of diagnostic instruments used specifically with children.**Credit hours:** 3**Contact hours:** Lecture: 3 Contact: 3**Levels:** Graduate**Schedule types:** Lecture**Department/School:** Psychology**PSYC 6753 Assessment of Personality****Prerequisites:** Graduate standing in the clinical program or consent of instructor.**Description:** Personality assessment and training in the practice of clinical assessment. Trait theory and assessment, techniques of test construction, contemporary assessment techniques including the MMPI-2, test result interpretation and communication, and behavioral methods of assessment.**Credit hours:** 3**Contact hours:** Lecture: 3 Contact: 3**Levels:** Graduate**Schedule types:** Lecture**Department/School:** Psychology**PSYC 6813 Multivariate Statistics for Psychology****Prerequisites:** PSYC 5304 and 5314 or permission of instructor.**Description:** A variety of multivariate statistical methods are covered with emphasis on their application to psychological research. Factor analysis, MANOVA, CANONA, Generalized Procrustes Analysis, as well as other topics are covered. Matrix algebra is also reviewed, and the geometric approach to multivariate statistics is introduced.**Credit hours:** 3**Contact hours:** Lecture: 3 Contact: 3**Levels:** Graduate**Schedule types:** Lecture**Department/School:** Psychology**PSYC 6913 Multilevel Modeling in Psychology****Prerequisites:** PSYC 5304 and 5314; or permission of instructor.**Description:** Trains students in the theory and application of multilevel models for nested and repeated measures data in psychology.**Credit hours:** 3**Contact hours:** Lecture: 3 Contact: 3**Levels:** Graduate**Schedule types:** Lecture**Department/School:** Psychology**PSYC 6990 Advanced Internship in Clinical Psychology****Description:** Graduate standing in the clinical psychology program or consent of instructor. Designed to provide advanced clinical training in preparation for receipt of the Ph.D. Offered for variable credit, 1-6 credit hours, maximum of 6 credit hours.**Credit hours:** 1-6**Contact hours:** Lecture: 1-6 Contact: 1-6**Levels:** Graduate**Schedule types:** Lecture**Department/School:** Psychology**SPCH 2713 Introduction to Speech Communication (S)****Description:** The practical and theoretical examination of the process of human communication involving a variety of contexts, including interpersonal relationships, small group discussions, and public speaking performances.**Credit hours:** 3**Contact hours:** Lecture: 3 Contact: 3**Levels:** Undergraduate**Schedule types:** Lecture**Department/School:** Psychology**General Education and other Course Attributes:** Social & Behavioral Sciences

**SPCH 2890 Honors Experience in Speech**

**Prerequisites:** Honors Program participation and concurrent enrollment in a designated SPCH course.

**Description:** A supplemental Honors experience in Speech Communication to partner concurrently with designated SPCH course(s). This course adds a different intellectual dimension to the designated course(s). Offered for fixed credit, 1 credit hour, maximum of 6 credit hours.

**Credit hours:** 1

**Contact hours:** Lecture: 1 Contact: 1

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Psychology

**General Education and other Course Attributes:** Honors Credit

**SPCH 3703 Small Group Communication**

**Description:** General systems approach to small group processes. Special consideration given to group roles, norms, leadership and decision-making. Participation in various types of discussion groups.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Psychology

**SPCH 3723 Business and Professional Communication**

**Description:** Oral communication encounters in business and professional settings. The interview, informative briefing, talking-paper, small group interaction and informative, integrative and persuasive speeches.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Psychology

**SPCH 3733 Elements of Persuasion (S)**

**Description:** An examination of current theory and research relevant to the process of persuasion and social influence in interpersonal, small group, mass media, and public settings. Includes a discussion of the practical implications of effective and ineffective persuasive strategies.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Psychology

**General Education and other Course Attributes:** Social & Behavioral Sciences

**SPCH 3743 Advanced Public Speaking**

**Description:** The preparation and delivery of various types of public speeches.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Psychology

**SPCH 3793 Communication in Interviews**

**Description:** General principles of interviewing. Specific guidelines for the interviewer in survey, journalistic, counseling, selection, appraisal, legal, medical, and sales interviews.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Psychology

**SPCH 3890 Advanced Honors Experience in Speech**

**Prerequisites:** Honors Program participation and concurrent enrollment in a designated SPCH course.

**Description:** A supplemental Honors experience in Speech Communication to partner concurrently with designated upper-division SPCH course(s). This course adds a different intellectual dimension to the designated course(s). Offered for fixed credit, 1 credit hour, maximum of 6 credit hours.

**Credit hours:** 1

**Contact hours:** Lecture: 1 Contact: 1

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Psychology

**General Education and other Course Attributes:** Honors Credit

**SPCH 4010 Independent Study in Speech Communication**

**Prerequisites:** Consent of instructor.

**Description:** Supervised research projects in speech communication. Offered for variable credit, 1-3 credit hours, maximum of 3 credit hours.

**Credit hours:** 1-3

**Contact hours:** Contact: 1-3 Other: 1-3

**Levels:** Undergraduate

**Schedule types:** Independent Study

**Department/School:** Psychology

**SPCH 4710 Topics in Speech Communication**

**Description:** Selected current topics in speech communication. Offered for variable credit, 1-3 credit hours, maximum of 6 credit hours.

**Credit hours:** 1-3

**Contact hours:** Contact: 1-3 Other: 1-3

**Levels:** Undergraduate

**Schedule types:** Independent Study

**Department/School:** Psychology

**SPCH 4743 Problems of Interpersonal Speech Communication**

**Description:** Application of communication theory to interactions in person-to-person settings. Identification and management of barriers related to the concepts of perception, attraction, self-disclosure, listening and conflict.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Psychology

**SPCH 4753 Intercultural Communication (I)**

**Description:** Social and cultural differences between individuals from diverse backgrounds as possible barriers to effective communication.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Psychology

**General Education and other Course Attributes:** International Dimension



**SPCH 4763 Organizational Communication**

**Description:** The interface between communication theory and organizational structure. Nature of communication problems in organizations, strategies for overcoming such problems and the design of effective communication systems in organizational settings.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Psychology

**SPCH 4793 Nonverbal Communication (S)**

**Description:** The study of current theory and research relevant to nonverbal behavior in interpersonal and professional relationships. Includes an examination of various nonverbal codes (e.g., body language, facial expressions) and the functions of nonverbal behavior (e.g., emotional expression, deception).

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Psychology

**General Education and other Course Attributes:** Social & Behavioral Sciences

## Undergraduate Programs

- Psychology, BA (p. 1726)
- Psychology, BS (p. 1730)
- Psychology: Business Essentials, BA (p. 1733)
- Psychology: Pre-Law, BA (p. 1736)
- Psychology: Pre-Med, BS (p. 1740)
- Psychology: Pre-Occupational Therapy, BS (p. 1744)
- Psychology: Pre-Physical Therapy, BS (p. 1747)

## Graduate Programs

Employment in the professional field of psychology requires a graduate degree. Psychologists with advanced degrees have exclusive claim to some professional positions.

The Department of Psychology offers two programs of study leading to the degree of Doctor of Philosophy, one in Clinical Psychology and one in Experimental Psychology. Students applying for the doctoral degree should have the following prerequisites: introductory psychology, quantitative psychology, experimental psychology, history and systems. Abnormal psychology is recommended for students applying to the clinical program.

Students in the doctoral program first work toward a Master of Science degree. In addition to meeting the general requirements of the Graduate College, for completion of the Master of Science, students must also:

1. Complete two semesters of quantitative psychology along with other course credits totaling 30 credit hours.
2. Complete a thesis project, supervised and reviewed by appropriate faculty members.

Following the completion of requirements, the student may be admitted to doctoral status in Clinical Psychology or Experimental Psychology.

## Minors

- Cognitive Science (CSCI), Minor (p. 1722)
- Communication Studies (CMST), Minor (p. 1723)
- Neuroscience (NEUR), Minor (p. 1724)
- Psychology (PSYC), Minor (p. 1725)
- Speech Communication (SPCH), Minor (p. 1750)

## Faculty

Thad Leffingwell, PhD—Professor and Head

**Regents Professors:** Charles I. Abramson, PhD; John M. Chaney, PhD; Amanda S. Morris, Ph.D; Larry L. Mullins, PhD

**Professors:** Matt Alderson, PhD; Jennifer Byrd-Craven, PhD; DeMond Grant, PhD; James W. Grice, PhD; Shelia Kennison, PhD; Stephanie N. Sweatt, PhD; David G. Thomas, PhD; LaRicka Wingate, PhD

**Associate Professors:** Celinda Reese-Melancon, PhD; Maureen Sullivan, PhD; Tony Wells, PhD

**Assistant Professors:** Amanda Baraldi, PhD; Lucia Ciciolla, PhD; Ashley Cole, PhD; Juliana E. French, PhD; Kara Kerr, PhD; Jaimie Krems, PhD; Sarah Kucker, PhD; Kara Moore, PhD; Daniel Sznycer, PhD

**Teaching Assistant Professor:** Evan Jordan, PhD; Jennifer Labrecque, PhD; Garrett Pollert, PhD



## Cognitive Science (CSCI), Minor

**Requirements for Students Matriculating in or before Academic Year 2022-2023.** Learn more about University Academic Regulation 3.1 (p. 943).

Shelia Kennison, 219 Psychology, 405-744-7335

**Total Hours:** 27

Code	Title	Hours
<b>Minor Requirements</b>		
Select 27 hours from at least three disciplinary areas:		27
CS 1013	Computer Science Principles	
CS 1103	Computer Programming (A)	
CS 1113	Computer Science I (A)	
CS 2133	Computer Science II	
CS 2433	C/C++ Programming	
CS 3353	Data Structures and Algorithm Analysis I	
CS 3363	Organization of Programming Languages	
CS 3443	Computer Systems	
CS 3613	Theoretical Foundations of Computing	
CS 4173	Video Game Development	
CS 4183	Video Game Design	
CS 4243	Introduction to Computer Security	
CS 4743	Extended Reality	
CS 4793	Artificial Intelligence I	
CS 4883	Social Issues in Computing	
ENGL 2243	Language, Text and Culture (HI)	
ENGL 2443	Languages of the World (I)	
ENGL 4003	History of the English Language	
ENGL 4013	English Grammar	
ENGL 4033	Discourse Analysis	
ENGL 4043	Teaching English to Speakers of Other Languages	
ENGL 4063	Introduction to Descriptive Linguistics	
ENGL 4080	Studies in Linguistics	
ENGL 4083	Applied Linguistics	
ENGL 4093	Language in America (DS)	
ENGL 4143	Language and Technology	
MSIS 2103	Business Data Science Technologies	
MSIS 3243	Descriptive Analytics	
MSIS 3333	Database Systems Development	
MSIS 4003	Systems Analysis and Design	
MSIS 4113	Enterprise Systems and Collaborative Commerce	
MSIS 4133	Information Technologies for Electronic Commerce	
MSIS 4243	Digital Forensics and Auditing	
MSIS 4253	System Certification and Accreditation	
MSIS 4263	Business Intelligence and Predictive Analytics	
MSIS 4523	Infrastructure Development	
PHIL 3003	Symbolic Logic (A)	
PHIL 3553	Philosophy of Dreams (H)	

PHIL 3783	Artificial Intelligence and Philosophy (H)
PHIL 4003	Mathematical Logic and Computability
PHIL 4313	Philosophy of Mind (H)
PHIL 4543	Philosophy of Language
PHIL 4723	Philosophy of Psychology (H)
PHIL 4733	Philosophy of Biology (H)
PHIL 4983	Knowledge and Reality
PSYC 3033	Psychology of Humor (S)
PSYC 3053	Psychology of Art (S)
PSYC 3073	Neurobiological Psychology (N)
PSYC 3173	Introduction to Cognitive Science (N)
PSYC 3513	Psychology of Learning
PSYC 3713	Psychology of Memory
PSYC 3823	Cognitive Psychology
PSYC 4223	Decision Making and Problem Solving
PSYC 4243	Psychology of Aging
PSYC 4263	Affective Neuroscience
PSYC 4343	Language Development (S)
PSYC 4990	Research Practicum
SPCH 3733	Elements of Persuasion (S)
SPCH 4753	Intercultural Communication (I)
SPCH 4793	Nonverbal Communication (S)
<b>Total Hours</b>	<b>27</b>

### Other Requirements

- No more than four courses with the same prefix.
- No grade below "C."

### Additional OSU Requirements Undergraduate Minors

- An undergraduate minor must include between fifteen and thirty hours, inclusive of undergraduate coursework.
- A minimum of six credit hours for the minor must be earned in residence at OSU.
- The courses required for a minor may be included in the course requirements for any undergraduate degree or they may be in addition to degree requirements, depending on the overlap between the minor and degree requirements. However, an undergraduate minor must be earned in an academic field other than the student's declared degree option. The minor may not duplicate the degree major or option (for example, a student who earns a BA in Art with an Art History option may earn a minor in Studio Art but not Art History).
- A student generally follows the minor requirements associated with his or her matriculation year or newer requirements that have been established since matriculation. The time limit for following requirements from a given academic year is six years.

For additional information on requirements on minors, click here (<https://adminfinance.okstate.edu/site-files/documents/policies/requirements-for-undergraduate-and-graduate-minors.pdf>).

## Communication Studies (CMST), Minor

**Requirements for Students Matriculating in or before Academic Year 2022-2023.** Learn more about University Academic Regulation 3.1 (p. 943).

Anthony Valentine, 213 LSE, 405-744-5658

**Minimum grade and/or GPA:** 2.0 GPA and no grade below "C."

At least one 3000- or 4000-level course must be selected from at least two or three categories (minimum of two 3000- or 4000-level courses overall).

**Total Hours:** 18

Code	Title	Hours
<b>Course Requirements</b>		
<i>English</i>		
Select six hours from the following:		6
ENGL 2233	Writing as a Profession (H)	
ENGL 3223	Professional Writing Theory	
ENGL 3323	Technical Writing	
ENGL 4530	Studies in Professional Writing (Prerequisites: six credit hours of English)	
ENGL 4543	Style and Editing	
ENGL 4553	Visual Rhetoric and Design	
ENGL 4583	Writing for the Public	
<i>Mass and Strategic Communications</i>		
Select six hours from the following:		6
MC 1143	Media in a Diverse Society (DS)	
MC 2023	Electronic Communication (Prerequisite: ENGL 1213 or ENGL 1223 or ENGL 1413 with a grade of "C" or better. Departmental majors only - waived for students enrolled in Minor/Certificate program with a 2.75 GPA and pending available space.)	
SC 2183	Introduction to Strategic Communications (Prerequisite: Departmental majors only. Prerequisite waived for students enrolled in Minor/Certificate program.)	
SPM 2843	Sports and the Media (Prerequisite: Departmental majors only. Prerequisite waived for students enrolled in Minor/ Certificate program.)	
SC 3043	Entertainment in the Media	
MC 3173	History of Mass Communication (H)	
SC 3443	Social Media (Prerequisite: MC 2003 and MC 2023 and SC 2183 with a grade of "C" or better in each; and pass proficiency review. Prerequisite waived for students enrolled in Minor/Certificate program.)	
<i>Speech Communication</i>		
Select six hours from the following:		6
SPCH 2713	Introduction to Speech Communication (S)	
SPCH 3703	Small Group Communication	
SPCH 3723	Business and Professional Communication	
SPCH 3733	Elements of Persuasion (S)	

SPCH 3743	Advanced Public Speaking
SPCH 4753	Intercultural Communication (I)
SPCH 4793	Nonverbal Communication (S)
<b>Total Hours</b>	<b>18</b>

## Additional OSU Requirements Undergraduate Minors

- An undergraduate minor must include between fifteen and thirty hours, inclusive of undergraduate coursework.
- A minimum of six credit hours for the minor must be earned in residence at OSU.
- The courses required for a minor may be included in the course requirements for any undergraduate degree or they may be in addition to degree requirements, depending on the overlap between the minor and degree requirements. However, an undergraduate minor must be earned in an academic field other than the student's declared degree option. The minor may not duplicate the degree major or option (for example, a student who earns a BA in Art with an Art History option may earn a minor in Studio Art but not Art History).
- A student generally follows the minor requirements associated with his or her matriculation year or newer requirements that have been established since matriculation. The time limit for following requirements from a given academic year is six years.

For additional information on requirements on minors, click here (<https://adminfinance.okstate.edu/site-files/documents/policies/requirements-for-undergraduate-and-graduate-minors.pdf>).

## Neuroscience (NEUR), Minor

**Requirements for Students Matriculating in or before Academic Year 2022-2023.** Learn more about University Academic Regulation 3.1 (p. 943).

**Minimum grade and/or GPA:** No grade lower than "C" in minor course.

**Total Hours:** 24

Code	Title	Hours
<b>Course Requirements</b>		
BIOL 1114	Introductory Biology (LN)	4
BIOL 3204	Physiology	4
CHEM 1215	Chemical Principles I (LN) <sup>1</sup>	4
or CHEM 1314	Chemistry I (LN)	
or CHEM 1414	General Chemistry for Engineers (LN)	
PSYC 4073	Principles of Neuroscience	3
or BIOL 4073	Principles of Neuroscience	
HHP 4063	Neuroanatomy	3
<b>Hours Subtotal</b>		<b>18</b>
<b>Elective Requirements</b>		
Select six hours from the following and include at least two course prefixes:		6
BIOL 4215	Mammalian Physiology	
BIOL 4253	Pharmacology	
BIOL 4283	Endocrinology	
BIOL 4293	Behavioral Neuroendocrinology	
CDIS 4423	Neural Bases of Speech and Language	
HHP 4013	Motor Control	
PSYC 3073	Neurobiological Psychology (N)	
PSYC 3113	Comparative Psychology (N)	
PSYC 3173	Introduction to Cognitive Science (N)	
PSYC 3513	Psychology of Learning	
PSYC 3713	Psychology of Memory	
or PSYC 3823	Cognitive Psychology	
PSYC 4263	Affective Neuroscience	
<b>Hours Subtotal</b>		<b>6</b>
<b>Total Hours</b>		<b>24</b>

1

If CHEM 1215 is selected, the total hours required for the minor will be increased by one.

## Additional OSU Requirements

### Undergraduate Minors

- An undergraduate minor must include between fifteen and thirty hours, inclusive of undergraduate coursework.
- A minimum of six credit hours for the minor must be earned in residence at OSU.
- The courses required for a minor may be included in the course requirements for any undergraduate degree or they may be in addition to degree requirements, depending on the overlap between the minor and degree requirements. However, an undergraduate minor must be earned in an academic field other than the student's declared degree option. The minor may not duplicate the degree major or option (for

example, a student who earns a BA in Art with an Art History option may earn a minor in Studio Art but not Art History).

- A student generally follows the minor requirements associated with his or her matriculation year or newer requirements that have been established since matriculation. The time limit for following requirements from a given academic year is six years.

For additional information on requirements on minors, click here (<https://adminfinance.okstate.edu/site-files/documents/policies/requirements-for-undergraduate-and-graduate-minors.pdf>).

## Psychology (PSYC), Minor

**Requirements for Students Matriculating in or before Academic Year 2022-2023.** Learn more about University Academic Regulation 3.1 (p. 943).

**Kaylie Bechtel**, 405-744-2098

**Silvia Daggy**, 405-744-5543

**Total Hours:** 24

Code	Title	Hours
<b>Minor Requirements</b>		
PSYC 1113	Introductory Psychology (S)	3
Select 9 hours upper- or lower-division PSYC		9
Select 12 hours upper-division PSYC		12
<b>Total Hours</b>		<b>24</b>

### Other Requirements

- No grade below "C."
- CPSY & EPSY courses not applicable.

### Additional OSU Requirements

#### Undergraduate Minors

- An undergraduate minor must include between fifteen and thirty hours, inclusive of undergraduate coursework.
- A minimum of six credit hours for the minor must be earned in residence at OSU.
- The courses required for a minor may be included in the course requirements for any undergraduate degree or they may be in addition to degree requirements, depending on the overlap between the minor and degree requirements. However, an undergraduate minor must be earned in an academic field other than the student's declared degree option. The minor may not duplicate the degree major or option (for example, a student who earns a BA in Art with an Art History option may earn a minor in Studio Art but not Art History).
- A student generally follows the minor requirements associated with his or her matriculation year or newer requirements that have been established since matriculation. The time limit for following requirements from a given academic year is six years.

For additional information on requirements on minors, click here (<https://adminfinance.okstate.edu/site-files/documents/policies/requirements-for-undergraduate-and-graduate-minors.pdf>).

# Psychology, BA

## Degree Requirements

**Requirements for Students Matriculating in or before Academic Year 2022-2023.** Learn more about University Academic Regulation 3.1 (p. 943).

**Minimum Overall Grade Point Average: 2.00**

**Total Hours: 120**

Code	Title	Hours
<b>General Education Requirements</b>		
<i>English Composition</i>		
See Academic Regulation 3.5 (p. 944)		
ENGL 1113 or ENGL 1313	Composition I Critical Analysis and Writing I	3
Select one of the following:		3
ENGL 1213	Composition II	
ENGL 1413	Critical Analysis and Writing II	
ENGL 3323	Technical Writing	
<i>American History &amp; Government</i>		
HIST 1103 or HIST 1483 or HIST 1493	Survey of American History American History to 1865 (H) American History Since 1865 (DH)	3
POLS 1113	American Government	3
<i>Analytical &amp; Quantitative Thought (A)</i>		
MATH 1483 or STAT 2013	Mathematical Functions and Their Uses (A) (or higher except MATH 1493) Elementary Statistics (A)	3
<i>Humanities (H)</i>		
Courses designated (H)		6
<i>Natural Sciences (N)</i>		
Must include one Laboratory Science (L) course		
Course designated (N)		6
<i>Social &amp; Behavioral Sciences (S)</i>		
PSYC 1113	Introductory Psychology (S)	3
<i>Additional General Education</i>		
Courses designated (A), (H), (N), or (S)		10
<b>Hours Subtotal</b>		<b>40</b>
<b>Diversity (D) &amp; International Dimension (I)</b>		
May be completed in any part of the degree plan		
Select at least one Diversity (D) course		
Select at least one International Dimension (I) course		
<b>College/Departmental Requirements</b>		
<i>First Year Seminar</i>		
(Transfer students with 15 hours exempt)		1
<i>Arts &amp; Humanities</i>		
See note 2.a.		9
<i>Natural &amp; Mathematical Sciences</i>		
See note 2.b.		3
<i>Foreign Language</i>		
See note 3		9
<i>Non-Western Studies</i>		

At least one course

See note 2.d.

*Upper-Division General Education*

Select 6 hours outside major department

See note 2.c.

**Hours Subtotal** **22**

**Major Requirements**

Minimum GPA 2.00 with a minimum grade of "C" in all PSYC courses

No more than 9 hours of PSYC may be 2000 level

Completion of PSYC 1113 with a minimum grade of "C"; and a minimum grade of "C" in MATH 1483 (or higher except MATH 1493) or STAT 2013 or higher required to declare major.

*Core Requirements*

PSYC 1111	Succeeding in Psychology	1
PSYC 3214	Statistical Methods in Psychology	4
PSYC 3914	Experimental Psychology: Introduction to Research Methods in Psychology	4

Select 30 hours, including at least one course from each of the 4 competency areas: **30**

Learning, Cognition, Biological Basis:

PSYC 3073	Neurobiological Psychology (N)	
PSYC 3113	Comparative Psychology (N)	
PSYC 3173	Introduction to Cognitive Science (N)	
PSYC 3513	Psychology of Learning	
PSYC 3713	Psychology of Memory	
PSYC 3823	Cognitive Psychology	
PSYC 4023	Evolutionary Psychology (N)	
PSYC 4073	Principles of Neuroscience	
PSYC 4223	Decision Making and Problem Solving	
PSYC 4263	Affective Neuroscience	
PSYC 4343	Language Development (S)	

Psychometrics, Personality, Social Processes:

PSYC 2743	Social Psychology (S)	
PSYC 3003	Data Analysis with Observation Oriented Modeling	
PSYC 3013	Psychology of Motivation	
PSYC 3033	Psychology of Humor (S)	
PSYC 3053	Psychology of Art (S)	
PSYC 3413	Social Cognition & Behavior; Mating, Morality, & other Mysteries	
PSYC 4153	Psychology and Mass Media	
PSYC 4333	Personality	
PSYC 4813	Psychological Testing	

Developmental and Sociocultural Dimensions:

PSYC 2313	Psychology of Adjustment	
PSYC 2583	Developmental Psychology (S)	
PSYC 2593	Psychology of Human Sexuality	
PSYC 3343	Black Psychology (DS)	
PSYC 4123	Psychology of Women (DS)	
PSYC 4163	Psychology of Prejudice and Discrimination (D)	
PSYC 4243	Psychology of Aging	

## Clinical, Applied Psychology:

PSYC 2443	Clinical Child Psychology
PSYC 3443	Abnormal Psychology (S)
PSYC 3883	Positive Psychology
PSYC 4013	Introduction to Pediatric Psychology
PSYC 4143	Psychology and Law
PSYC 4183	Issues in Clinical Psychology
PSYC 4213	Conflict Resolution (S)
PSYC 4283	Health Psychology
PSYC 4293	Forensic Psychology
PSYC 4483	Psychology of Parent Behavior (S)
PSYC 4633	Psychology of Sport and Human Performance

## Other PSYC Elective Courses:

PSYC 2890	Honors Experience in Psychology
PSYC 3120	Special Topics in Psychology (1-12 hours)
PSYC 3990	Teaching Practicum (1-6 hours)
PSYC 4353	History of the Human Soul
PSYC 4493	History of Psychology
PSYC 4770	Undergraduate Senior Thesis (1-6 hours)
PSYC 4880	Senior Honors Thesis (1-6 hours)
PSYC 4883	Current Issues in Psychology
PSYC 4990	Research Practicum (1-6 hours)

*Emphasis*

Complete one Emphasis outside PSYC (p. 1727) 12

**Hours Subtotal** 51**Electives**

Select 7 hours 7

May need to include 6 hours upper-division general education outside major department (see note 2.c.)

**Hours Subtotal** 7**Total Hours** 120

## Emphasis

### General Emphasis

Code	Title	Hours
Select 12 hours of upper-division courses of the following:		12
AMST, ANTH, ART <sup>1</sup> , BCOM, CDIS, CPSY, ECON, EEE, ENGL, EPSY, GEOG, GWST, HDFS, HIST, LSB, MGMT, MKTG, MUSI <sup>1</sup> , PHIL, POLS, REL, SOC, SPCH, TH <sup>1</sup> and Foreign Language		

1

Music performance, studio art and applied theatre are not permitted.

### Applied Emphasis

Code	Title	Hours
Select 12 hours of upper-division courses of the following:		12
AMIS 4013	American Indian Sovereignty (D)	
AMST 4553	Gender in America (DH)	
BIOL 3123	Human Heredity (N)	
CPSY 3003	Introduction to Counseling and Related Professions	
EPSY 3113	Psychological Foundations of Childhood	

EPSY 3213	Psychology of Adolescence
EPSY 3413	Child and Adolescent Development
EPSY 3533	Motivating Learners
GWST 3513	Theorizing Sexualities (D)
HDFS 3123	Parenting (S)
HDFS 3203	Children's Play: A World Perspective (I)
HDFS 3413	Infant and Child Development
HDFS 3423	Adolescent Development in Family Contexts (S)
HDFS 3443	Family Dynamics
HDFS 4413	Successful Aging (S)
HDFS 4573	Introduction to Marriage and Family Therapy
HDFS 4793	The Family: A World Perspective (IS)
HDFS 4813	Dying, Death and Bereavement
HHP 3114	Physiology of Exercise
HHP 3223	Motor Learning
HHP 3333	Ethics in Sports Administration and Coaching
HHP 3443	Psychosocial Aspects of Sport and Coaching
HLTH 3113	Health Issues in Diverse Populations (D)
HLTH 3511	Peer Health Education I
HLTH 3613	Community Health
HLTH 3643	Health Behavior Theory
HLTH 3723	Principles of Epidemiology
HLTH 3913	Alcohol and Drug Education
HLTH 4233	Health and Sexuality (DS)
HLTH 4533	Psychosocial Issues in Public Health
MGMT 3943	Sports Management
PHIL 4013	Perspectives on Death and Dying (H)
PHIL 3833	Biomedical Ethics (H)
POLS 3983	Courts and Judicial Process (S)
SCFD 3223	Role of Teacher in American Schools (D)
SCFD 4913	International Issues and the Role of the School (I)
SOC 3523	Juvenile Delinquency (DS)
SOC 3993	Sociology of Aging (DS)
SOC 4023	Juvenile Corrections and Treatment Strategies
SOC 4213	Sociology of Sexualities (S)
SOC 4313	Sociology of Law
SOC 4333	Criminology (S)
SOC 4723	Sociology of Families (S)
SPCH 4793	Nonverbal Communication (S)
SPED 4723	Transition Into Adulthood for Individuals with Disabilities

### Business Emphasis

Code	Title	Hours
Select 12 hours of upper-division courses of the following:		12
BCOM, EEE, LSB, MGMT, MKTG, FIN, STAT		



## Other Requirements

- See the College of Arts and Sciences Requirements.
- **Upper-Division Credit:** Total hours must include at least 40 hours in courses numbered 3000 or above.
- **Hours in One Department:** For B.A. and B.S. degrees, no more than 54 hours in one department may be applied to degree requirements.

## College of Arts and Sciences Requirements

### 1. General Education Requirements

No more than two courses (or eight hours) from the major department (<http://catalog.okstate.edu/college-arts-sciences-major-departments/>) may be used to meet General Education and College and Departmental Requirements. The General Education required English Composition, required U.S. History, required American Government, one required MATH or STAT course, and required foreign language for B.A. degrees do not count against the two-course maximum.

### 2. A&S College/Departmental Requirements

- Arts and Humanities are defined as any course carrying an (H) designation or courses from AMST, ART, DANC, ENGL (except ENGL 3323 Technical Writing) HIST, MUSI, PHIL (except PHIL 1313 Logic and Critical Thinking (A), PHIL 3003 Symbolic Logic (A) and PHIL 4003 Mathematical Logic and Computability), REL, TH, and foreign languages.
- Natural and Mathematical Sciences are defined as any course from the following prefixes: ASTR, BIOC, BIOL, CHEM, CS (except CS 4883 Social Issues in Computing), GEOL, MATH, MICR, PBIO, PHYS, and STAT; or courses from other departments that carry an (A) or (N) general education designation.
- The required six hours of upper-division General Education may not include courses from the student's major department. This requirement may be satisfied by courses also used to satisfy any part of a student's degree program (i.e., in General Education, College Departmental Requirements, Major Requirements or Electives).
- Non-Western Studies Requirement for B.A. and B.F.A.; One 3-hour course in Non-Western Studies (N.W.). This requirement may be satisfied by courses also used to satisfy any part of a student's degree program (i.e., in General Education, College Departmental Requirements, Major Requirements or Electives).
- The College of Arts & Sciences requires a minimum 2.0 GPA in all major requirements and a minimum 2.0 GPA in all major-prefix courses applied to the degree.

### 3. Foreign Language Proficiency

- The foreign language requirement for the B.A. may be satisfied by 9 hours college credit in the same language, which must include 3 hours at the 2000-level, or equivalent proficiency (e.g., passing an advanced standing examination; TOEFL exam; presenting a high school transcript which demonstrates the high school was primarily conducted in a language other than English; etc.). Computer Science courses may not be used to satisfy this requirement. Currently Arabic and Mvskoke are not offered at the 2000-level at OSU.
- The foreign language requirement for the B.S., B.M. and B.F.A. may be satisfied by presenting a high school transcript which demonstrates two years of study of a single foreign language (passing grades at second-year level of study). It may also

be satisfied by 6 hours college credit in the same language, which must include language courses 1713 and 1813, or equivalent proficiency (e.g., passing an advanced standing examination; TOEFL exam; presenting a high school transcript which demonstrates the high school was primarily conducted in a language other than English; etc.). Computer Science courses may not be used to satisfy this requirement.

- In addition to a. and b., students pursuing teacher certification must meet novice-high foreign language proficiency by presenting a high school transcript which demonstrates two years of study of a single foreign language with no grade below B. Or, students may complete 3 hours college credit in a single language with no grade below C (or pass an advanced standing examination, College Level Examination Program (CLEP) exam, or Oral Proficiency Interview developed by the American Council on the Teaching of Foreign Languages, equivalent to 3 hours of college credit.) Or, students may meet the requirement by transfer of documentation of meeting the foreign language competency from one of the teacher education programs in the State of Oklahoma approved by the Oklahoma State Regents for Higher Education.

### 4. Exclusions

- Courses used to satisfy the General Education English Composition, U.S. History, American Government, and Mathematics or Statistics requirements will not count toward the 54-hour maximum allowed from one department.
- Courses with ATHL or LEIS prefixes and leisure activity courses may not be used for degree credit.

## Additional State/OSU Requirements

- At least: 60 hours at a four-year institution; 30 hours completed at OSU; 15 of the final 30 or 50% of the upper-division hours in the major field completed at OSU.
- Limit of: one-half of major course requirements as transfer work; one-fourth of hours earned by correspondence; 8 transfer correspondence hours.
- Students will be held responsible for degree requirements in effect at the time of matriculation and any changes that are made, so long as these changes do not result in semester credit hours being added or do not delay graduation.
- Degrees that follow this plan must be completed by the end of Summer 2028.

## Example Plan of Study

### Finish in Four Plan of Study

The plan below is an **example** of how students can successfully complete degree requirements in four years. This suggested class schedule plan may be used as a guide and can be adjusted based on individual needs. Students are required to meet with an academic adviser prior to enrollment each semester to plan their class schedule, and students are ultimately responsible for completing all degree requirements.

Course	Title	Hours
<b>Freshman</b>		
<b>Fall</b>		
PSYC 1113	Introductory Psychology (S)	3
MATH 1483	Mathematical Functions and Their Uses (A)	3
General Education courses		10
		<b>Hours</b>
		<b>16</b>

<b>Spring</b>		
PSYC 1111	Succeeding in Psychology	1
General Education courses		13
<b>Hours</b>		<b>14</b>
<b>Sophomore</b>		
<b>Fall</b>		
PSYC 3214	Statistical Methods in Psychology	4
1713	First Semester Foreign Language	3
General Education courses		9
<b>Hours</b>		<b>16</b>
<b>Spring</b>		
PSYC 3914	Experimental Psychology: Introduction to Research Methods in Psychology	4
1813	Second Semester Foreign Language	3
Major, College, and Elective courses		7
<b>Hours</b>		<b>14</b>
<b>Junior</b>		
<b>Fall</b>		
2000-level Foreign Language		3
Major, College, and Elective courses		12
<b>Hours</b>		<b>15</b>
<b>Spring</b>		
Major, College, and Elective courses		15
<b>Hours</b>		<b>15</b>
<b>Senior</b>		
<b>Fall</b>		
Major, College, and Elective courses		15
<b>Hours</b>		<b>15</b>
<b>Spring</b>		
Major, College, and Elective courses		15
<b>Hours</b>		<b>15</b>
<b>Total Hours</b>		<b>120</b>

# Psychology, BS

## Degree Requirements

**Requirements for Students Matriculating in or before Academic Year 2022-2023.** Learn more about University Academic Regulation 3.1 (p. 943).

**Minimum Overall Grade Point Average: 2.00**

**Total Hours: 120**

Code	Title	Hours
<b>General Education Requirements</b>		
<i>English Composition</i>		
See Academic Regulation 3.5 (p. 944)		
ENGL 1113	Composition I	3
or ENGL 1313	Critical Analysis and Writing I	
Select one of the following:		3
ENGL 1213	Composition II	
ENGL 1413	Critical Analysis and Writing II	
ENGL 3323	Technical Writing	
<i>American History &amp; Government</i>		
HIST 1103	Survey of American History	3
or HIST 1483	American History to 1865 (H)	
or HIST 1493	American History Since 1865 (DH)	
POLS 1113	American Government	3
<i>Analytical &amp; Quantitative Thought (A)</i>		
MATH 1483	Mathematical Functions and Their Uses (A)	3
	(or higher except MATH 1493)	
or STAT 2013	Elementary Statistics (A)	
<i>Humanities (H)</i>		
Courses designated (H)		6
<i>Natural Sciences (N)</i>		
Must include one Laboratory Science (L) course		
Course designated (N)		6
<i>Social &amp; Behavioral Sciences (S)</i>		
PSYC 1113	Introductory Psychology (S)	3
<i>Additional General Education</i>		
Courses designated (A), (H), (N), or (S)		10
<b>Hours Subtotal</b>		<b>40</b>
<b>Diversity (D) &amp; International Dimension (I)</b>		
May be completed in any part of the degree plan		
Select at least one Diversity (D) course		
Select at least one International Dimension (I) course		
<b>College/Departmental Requirements</b>		
<i>First Year Seminar</i>		
(Transfer students with 15 hours exempt)		1
<i>Arts &amp; Humanities</i>		
See note 2.a.		3
<i>Natural &amp; Mathematical Sciences</i>		
See note 2.b.		9
<i>Foreign Language</i>		
See note 3		
0-6 hours		

### Upper-Division General Education

Select 6 hours outside major department

See note 2.c.

**Hours Subtotal** **13**

### Major Requirements

Minimum GPA 2.00 with a minimum grade of "C" in all PSYC courses

No more than 9 hours of PSYC may be 2000 level

Completion of PSYC 1113 with a minimum grade of "C" and a minimum grade of "C" in MATH 1483 (or higher except MATH 1493) or STAT 2013 or higher required to declare major.

### Core Requirements

PSYC 1111	Succeeding in Psychology	1
PSYC 3214	Statistical Methods in Psychology	4
PSYC 3914	Experimental Psychology: Introduction to Research Methods in Psychology	4

Select 30 hours, including at least one course from each of the 4 competency areas: **30**

### Learning, Cognition, Biological Basis:

PSYC 3073	Neurobiological Psychology (N)	
PSYC 3113	Comparative Psychology (N)	
PSYC 3173	Introduction to Cognitive Science (N)	
PSYC 3513	Psychology of Learning	
PSYC 3713	Psychology of Memory	
PSYC 3823	Cognitive Psychology	
PSYC 4023	Evolutionary Psychology (N)	
PSYC 4073	Principles of Neuroscience	
PSYC 4223	Decision Making and Problem Solving	
PSYC 4263	Affective Neuroscience	
PSYC 4343	Language Development (S)	

### Psychometrics, Personality, Social Processes:

PSYC 2743	Social Psychology (S)	
PSYC 3003	Data Analysis with Observation Oriented Modeling	
PSYC 3013	Psychology of Motivation	
PSYC 3033	Psychology of Humor (S)	
PSYC 3053	Psychology of Art (S)	
PSYC 3413	Social Cognition & Behavior; Mating, Morality, & other Mysteries	
PSYC 4153	Psychology and Mass Media	
PSYC 4333	Personality	
PSYC 4813	Psychological Testing	

### Developmental and Sociocultural Dimensions:

PSYC 2313	Psychology of Adjustment	
PSYC 2583	Developmental Psychology (S)	
PSYC 2593	Psychology of Human Sexuality	
PSYC 3343	Black Psychology (DS)	
PSYC 4123	Psychology of Women (DS)	
PSYC 4163	Psychology of Prejudice and Discrimination (D)	
PSYC 4243	Psychology of Aging	
<b>Clinical, Applied Psychology:</b>		
PSYC 2443	Clinical Child Psychology	

PSYC 3443	Abnormal Psychology (S)
PSYC 3883	Positive Psychology
PSYC 4013	Introduction to Pediatric Psychology
PSYC 4143	Psychology and Law
PSYC 4183	Issues in Clinical Psychology
PSYC 4213	Conflict Resolution (S)
PSYC 4283	Health Psychology
PSYC 4293	Forensic Psychology
PSYC 4483	Psychology of Parent Behavior (S)
PSYC 4633	Psychology of Sport and Human Performance

Other PSYC Elective Courses:

PSYC 2890	Honors Experience in Psychology
PSYC 3120	Special Topics in Psychology (1-12 hours)
PSYC 3990	Teaching Practicum (1-6 hours)
PSYC 4353	History of the Human Soul
PSYC 4493	History of Psychology
PSYC 4770	Undergraduate Senior Thesis (1-6 hours)
PSYC 4880	Senior Honors Thesis (1-6 hours)
PSYC 4883	Current Issues in Psychology
PSYC 4990	Research Practicum (1-6 hours)

Upper Division

Select 12 upper-division hours of the following: <sup>1</sup>	12
ANSI, BIOC, BIOL, CHEM, CS, ECON, EPSY, HDFS, MATH, MICR, NREM, NSCI, PBIO, PHYS, PLP, POLS, SOC, SPCH, STAT, and/or upper-division General Education (A), (N) OR (S) excluding PSYC	
<b>Hours Subtotal</b>	<b>51</b>
<b>Electives</b>	
Select 16 hours <sup>1</sup>	16
May need to include 6 hours of a foreign language (see note 3)	
May need to include 6 hours upper-division general education outside major department (see note 2.c.)	
<b>Hours Subtotal</b>	<b>16</b>
<b>Total Hours</b>	<b>120</b>

<sup>1</sup>

With approval from the advisor and department head, a maximum of 30 hours from an accredited doctoral law or health program may be used for this degree, including these 12 hours and 15 hours of electives. Up to 3 hours may be substituted from the required PSYC courses other than PSYC 1113 Introductory Psychology (S), PSYC 3214 Statistical Methods in Psychology and PSYC 3914 Experimental Psychology: Introduction to Research Methods in Psychology.

## Other Requirements

- See the College of Arts and Sciences Requirements.
- **Upper-Division Credit:** Total hours must include at least 40 hours in courses numbered 3000 or above.
- **Hours in One Department:** For B.A. and B.S. degrees, no more than 54 hours in one department may be applied to degree requirements.

## College of Arts and Sciences Requirements

### 1. General Education Requirements

No more than two courses (or eight hours) from the major department (<http://catalog.okstate.edu/college-arts-sciences-major-departments/>) may be used to meet General Education and College and Departmental Requirements. The General Education required English Composition, required U.S. History, required American Government, one required MATH or STAT course, and required foreign language for B.A. degrees do not count against the two-course maximum.

### 2. A&S College/Departmental Requirements

- Arts and Humanities are defined as any course carrying an (H) designation or courses from AMST, ART, DANC, ENGL (except ENGL 3323 Technical Writing) HIST, MUSI, PHIL (except PHIL 1313 Logic and Critical Thinking (A), PHIL 3003 Symbolic Logic (A) and PHIL 4003 Mathematical Logic and Computability), REL, TH, and foreign languages.
- Natural and Mathematical Sciences are defined as any course from the following prefixes: ASTR, BIOC, BIOL, CHEM, CS (except CS 4883 Social Issues in Computing), GEOL, MATH, MICR, PBIO, PHYS, and STAT; or courses from other departments that carry an (A) or (N) general education designation.
- The required six hours of upper-division General Education may not include courses from the student's major department. This requirement may be satisfied by courses also used to satisfy any part of a student's degree program (i.e., in General Education, College Departmental Requirements, Major Requirements or Electives).
- Non-Western Studies Requirement for B.A. and B.F.A.; One 3-hour course in Non-Western Studies (N.W.). This requirement may be satisfied by courses also used to satisfy any part of a student's degree program (i.e., in General Education, College Departmental Requirements, Major Requirements or Electives).
- The College of Arts & Sciences requires a minimum 2.0 GPA in all major requirements and a minimum 2.0 GPA in all major-prefix courses applied to the degree.

### 3. Foreign Language Proficiency

- The foreign language requirement for the B.A. may be satisfied by 9 hours college credit in the same language, which must include 3 hours at the 2000-level, or equivalent proficiency (e.g., passing an advanced standing examination; TOEFL exam; presenting a high school transcript which demonstrates the high school was primarily conducted in a language other than English; etc.). Computer Science courses may not be used to satisfy this requirement. Currently Arabic and Mvskoke are not offered at the 2000-level at OSU.
- The foreign language requirement for the B.S., B.M. and B.F.A. may be satisfied by presenting a high school transcript which demonstrates two years of study of a single foreign language (passing grades at second-year level of study). It may also be satisfied by 6 hours college credit in the same language, which must include language courses 1713 and 1813, or equivalent proficiency (e.g., passing an advanced standing examination; TOEFL exam; presenting a high school transcript which demonstrates the high school was primarily conducted in a language other than English; etc.). Computer Science courses may not be used to satisfy this requirement.

- c. In addition to a. and b., students pursuing teacher certification must meet novice-high foreign language proficiency by presenting a high school transcript which demonstrates two years of study of a single foreign language with no grade below B. Or, students may complete 3 hours college credit in a single language with no grade below C (or pass an advanced standing examination, College Level Examination Program (CLEP) exam, or Oral Proficiency Interview developed by the American Council on the Teaching of Foreign Languages, equivalent to 3 hours of college credit.) Or, students may meet the requirement by transfer of documentation of meeting the foreign language competency from one of the teacher education programs in the State of Oklahoma approved by the Oklahoma State Regents for Higher Education.

#### 4. Exclusions

- Courses used to satisfy the General Education English Composition, U.S. History, American Government, and Mathematics or Statistics requirements will not count toward the 54-hour maximum allowed from one department.
- Courses with ATHL or LEIS prefixes and leisure activity courses may not be used for degree credit.

General Education courses	12
<b>Hours</b>	<b>16</b>
<b>Spring</b>	
PSYC 3914 Experimental Psychology: Introduction to Research Methods in Psychology	4
Major, College, and Elective courses	10
<b>Hours</b>	<b>14</b>
<b>Junior</b>	
<b>Fall</b>	
Major, College, and Elective courses	15
<b>Hours</b>	<b>15</b>
<b>Spring</b>	
Major, College, and Elective courses	15
<b>Hours</b>	<b>15</b>
<b>Senior</b>	
<b>Fall</b>	
Major, College, and Elective courses	15
<b>Hours</b>	<b>15</b>
<b>Spring</b>	
Major, College, and Elective courses	15
<b>Hours</b>	<b>15</b>
<b>Total Hours</b>	<b>120</b>

## Additional State/OSU Requirements

- At least: 60 hours at a four-year institution; 30 hours completed at OSU; 15 of the final 30 or 50% of the upper-division hours in the major field completed at OSU.
- Limit of: one-half of major course requirements as transfer work; one-fourth of hours earned by correspondence; 8 transfer correspondence hours.
- Students will be held responsible for degree requirements in effect at the time of matriculation and any changes that are made, so long as these changes do not result in semester credit hours being added or do not delay graduation.
- Degrees that follow this plan must be completed by the end of Summer 2028.

## Example Plan of Study

### Finish in Four Plan of Study

The plan below is an **example** of how students can successfully complete degree requirements in four years. This suggested class schedule plan may be used as a guide and can be adjusted based on individual needs. Students are required to meet with an academic advisor prior to enrollment each semester to plan their class schedule, and students are ultimately responsible for completing all degree requirements.

Course	Title	Hours
<b>Freshman</b>		
<b>Fall</b>		
PSYC 1113	Introductory Psychology (S)	3
MATH 1483	Mathematical Functions and Their Uses (A)	3
General Education courses		10
<b>Hours</b>		<b>16</b>
<b>Spring</b>		
PSYC 1111	Succeeding in Psychology	1
General Education courses		13
<b>Hours</b>		<b>14</b>
<b>Sophomore</b>		
<b>Fall</b>		
PSYC 3214	Statistical Methods in Psychology	4

# Psychology: Business Essentials, BA

## Degree Requirements

**Requirements for Students Matriculating in or before Academic Year 2022-2023.** Learn more about University Academic Regulation 3.1 (p. 943).

**Minimum Overall Grade Point Average:** 2.00

**Total Hours:** 120

Code	Title	Hours
<b>General Education Requirements</b>		
<i>English Composition</i>		
See Academic Regulation 3.5 (p. 944)		
ENGL 1113 or ENGL 1313	Composition I Critical Analysis and Writing I	3
ENGL 1213 or ENGL 1413 or ENGL 3323	Composition II Critical Analysis and Writing II Technical Writing	3
<i>American History &amp; Government</i>		
HIST 1103 or HIST 1483 or HIST 1493	Survey of American History American History to 1865 (H) American History Since 1865 (DH)	3
POLS 1113	American Government	3
<i>Analytical &amp; Quantitative Thought (A)</i>		
MATH 1483 or STAT 2013	Mathematical Functions and Their Uses (A) (or higher except MATH 1493) Elementary Statistics (A)	3
<i>Humanities (H)</i>		
Courses designated (H)		6
<i>Natural Sciences (N)</i>		
Must include one Laboratory Science (L) course		
Course designated (N)		6
<i>Social &amp; Behavioral Sciences (S)</i>		
PSYC 1113	Introductory Psychology (S)	3
MKTG 3213	Marketing (S) <sup>1</sup>	3
MGMT 3013	Fundamentals of Management (S) <sup>1</sup>	3
<i>Additional General Education</i>		
Courses designated (A), (H), (N), or (S)		4
<b>Hours Subtotal</b>		<b>40</b>
<b>Diversity (D) &amp; International Dimension (I)</b>		
May be completed in any part of the degree plan		
Select at least one Diversity (D) course		
Select at least one International Dimension (I) course		
<b>College/Departmental Requirements</b>		
<i>First-Year Seminar</i>		
(Transfer students with 15 hours exempt)		1
<i>Arts &amp; Humanities</i>		
See note 2.a.		9
<i>Natural &amp; Mathematical Sciences</i>		
See note 2.b.		3
<i>Foreign Language</i>		
See note 3.		9

### *Non-Western Studies*

At least one course. See note 2.d.

### **Upper-Division General Education**

Select 6 hours outside major department. See note 2.c.

Satisfied by MGMT 3013 and MKTG 3213 <sup>1</sup>

**Hours Subtotal** **22**

### **Major Requirements**

Minimum GPA 2.00 with a minimum grade of "C" in all PSYC courses.

No more than 9 hours of PSYC may be 2000 level.

Completion of PSYC 1113 with a minimum grade of "C" and a minimum grade of "C" in MATH 1483 (or higher except MATH 1493) or STAT 2013 or higher required to declare major.

### *Core Requirements*

PSYC 1111	Succeeding in Psychology	1
PSYC 3214	Statistical Methods in Psychology	4
PSYC 3914	Experimental Psychology: Introduction to Research Methods in Psychology	4

Select 30 hours, to include at least one course from each competency area below:

Learning, Cognition, Biological Basis:

PSYC 3073	Neurobiological Psychology (N)	
PSYC 3113	Comparative Psychology (N)	
PSYC 3173	Introduction to Cognitive Science (N)	
PSYC 3513	Psychology of Learning	
PSYC 3713	Psychology of Memory	
PSYC 3823	Cognitive Psychology	
PSYC 4023	Evolutionary Psychology (N)	
PSYC 4073	Principles of Neuroscience	
PSYC 4223	Decision Making and Problem Solving	
PSYC 4263	Affective Neuroscience	
PSYC 4343	Language Development (S)	

Psychometrics, Personality, Social Processes:

PSYC 2743	Social Psychology (S)	
PSYC 3003	Data Analysis with Observation Oriented Modeling	
PSYC 3013	Psychology of Motivation	
PSYC 3033	Psychology of Humor (S)	
PSYC 3053	Psychology of Art (S)	
PSYC 3413	Social Cognition & Behavior; Mating, Morality, & other Mysteries	
PSYC 4153	Psychology and Mass Media	
PSYC 4333	Personality	
PSYC 4813	Psychological Testing	

Developmental and Sociocultural Dimensions:

PSYC 2313	Psychology of Adjustment	
PSYC 2583	Developmental Psychology (S)	
PSYC 2593	Psychology of Human Sexuality	
PSYC 3343	Black Psychology (DS)	
PSYC 4123	Psychology of Women (DS)	
PSYC 4163	Psychology of Prejudice and Discrimination (D)	
PSYC 4243	Psychology of Aging	



## Clinical, Applied Psychology:

PSYC 2443	Clinical Child Psychology
PSYC 3443	Abnormal Psychology (S)
PSYC 3883	Positive Psychology
PSYC 4013	Introduction to Pediatric Psychology
PSYC 4143	Psychology and Law
PSYC 4183	Issues in Clinical Psychology
PSYC 4213	Conflict Resolution (S)
PSYC 4283	Health Psychology
PSYC 4293	Forensic Psychology
PSYC 4483	Psychology of Parent Behavior (S)
PSYC 4633	Psychology of Sport and Human Performance

## Other PSYC Elective Courses:

PSYC 2890	Honors Experience in Psychology
PSYC 3120	Special Topics in Psychology (1-12)
PSYC 3990	Teaching Practicum (1-6)
PSYC 4353	History of the Human Soul
PSYC 4493	History of Psychology
PSYC 4770	Undergraduate Senior Thesis (1-6)
PSYC 4880	Senior Honors Thesis (1-6)
PSYC 4883	Current Issues in Psychology
PSYC 4990	Research Practicum (1-6)

## Business Essentials

ACCT 2003	Survey of Accounting	3
Choose 3 hours from:		3
BADM 3113	Practical Business and Interpersonal Skills	
ECON 2003	Microeconomic Principles for Business	
EEE 2023	Introduction to Entrepreneurship	
FIN 3113	Finance	
LSB 3213	Legal and Regulatory Environment of Business	
Choose 9 hours upper-division from:		9
BADM, BCOM, EEE, LSB, MGMT, MKTG, FIN, STAT		
<b>Hours Subtotal</b>		<b>54</b>
<b>Electives</b>		
Select 4 hours		4
<b>Hours Subtotal</b>		<b>4</b>
<b>Total Hours</b>		<b>120</b>

1

College and Departmental Requirements that may be used to meet General Education Requirements.

## Other Requirements

- See the College of Arts and Sciences Requirements.
- **Upper-Division Credit:** Total hours must include at least 40 hours in courses numbered 3000 or above.
- **Hours in One Department:** For B.A. and B.S. degrees, no more than 54 hours in one department may be applied to degree requirements.

## College of Arts and Sciences Requirements

### 1. General Education Requirements

No more than two courses (or eight hours) from the major department (<http://catalog.okstate.edu/college-arts-sciences-major-departments/>) may be used to meet General Education and College and Departmental Requirements. The General Education required English Composition, required U.S. History, required American Government, one required MATH or STAT course, and required foreign language for B.A. degrees do not count against the two-course maximum.

### 2. A&S College/Departmental Requirements

- Arts and Humanities are defined as any course carrying an (H) designation or courses from AMST, ART, DANC, ENGL (except ENGL 3323 Technical Writing) HIST, MUSI, PHIL (except PHIL 1313 Logic and Critical Thinking (A), PHIL 3003 Symbolic Logic (A) and PHIL 4003 Mathematical Logic and Computability), REL, TH, and foreign languages.
- Natural and Mathematical Sciences are defined as any course from the following prefixes: ASTR, BIOC, BIOL, CHEM, CS (except CS 4883 Social Issues in Computing), GEOL, MATH, MICR, PBIO, PHYS, and STAT; or courses from other departments that carry an (A) or (N) general education designation.
- The required six hours of upper-division General Education may not include courses from the student's major department. This requirement may be satisfied by courses also used to satisfy any part of a student's degree program (i.e., in General Education, College Departmental Requirements, Major Requirements or Electives).
- Non-Western Studies Requirement for B.A. and B.F.A.; One 3-hour course in Non-Western Studies (N.W.). This requirement may be satisfied by courses also used to satisfy any part of a student's degree program (i.e., in General Education, College Departmental Requirements, Major Requirements or Electives).
- The College of Arts & Sciences requires a minimum 2.0 GPA in all major requirements and a minimum 2.0 GPA in all major-prefix courses applied to the degree.

### 3. Foreign Language Proficiency

- The foreign language requirement for the B.A. may be satisfied by 9 hours college credit in the same language, which must include 3 hours at the 2000-level, or equivalent proficiency (e.g., passing an advanced standing examination; TOEFL exam; presenting a high school transcript which demonstrates the high school was primarily conducted in a language other than English; etc.). Computer Science courses may not be used to satisfy this requirement. Currently Arabic and Mvskoke are not offered at the 2000-level at OSU.
- The foreign language requirement for the B.S., B.M. and B.F.A. may be satisfied by presenting a high school transcript which demonstrates two years of study of a single foreign language (passing grades at second-year level of study). It may also be satisfied by 6 hours college credit in the same language, which must include language courses 1713 and 1813, or equivalent proficiency (e.g., passing an advanced standing examination; TOEFL exam; presenting a high school transcript which demonstrates the high school was primarily conducted in a language other than English; etc.). Computer Science courses may not be used to satisfy this requirement.

- c. In addition to a. and b., students pursuing teacher certification must meet novice-high foreign language proficiency by presenting a high school transcript which demonstrates two years of study of a single foreign language with no grade below B. Or, students may complete 3 hours college credit in a single language with no grade below C (or pass an advanced standing examination, College Level Examination Program (CLEP) exam, or Oral Proficiency Interview developed by the American Council on the Teaching of Foreign Languages, equivalent to 3 hours of college credit.) Or, students may meet the requirement by transfer of documentation of meeting the foreign language competency from one of the teacher education programs in the State of Oklahoma approved by the Oklahoma State Regents for Higher Education.

#### 4. Exclusions

- Courses used to satisfy the General Education English Composition, U.S. History, American Government, and Mathematics or Statistics requirements will not count toward the 54-hour maximum allowed from one department.
- Courses with ATHL or LEIS prefixes and leisure activity courses may not be used for degree credit.

## Additional State/OSU Requirements

- At least: 60 hours at a four-year institution; 30 hours completed at OSU; 15 of the final 30 or 50% of the upper-division hours in the major field completed at OSU.
- Limit of: one-half of major course requirements as transfer work; one-fourth of hours earned by correspondence; 8 transfer correspondence hours.
- Students will be held responsible for degree requirements in effect at the time of matriculation and any changes that are made, so long as these changes do not result in semester credit hours being added or do not delay graduation.
- Degrees that follow this plan must be completed by the end of Summer 2028.

## Example Plan of Study

### Finish in Four Plan of Study

The plan below is an **example** of how students can successfully complete degree requirements in four years. This suggested class schedule plan may be used as a guide and can be adjusted based on individual needs. Students are required to meet with an academic advisor prior to enrollment each semester to plan their class schedule, and students are ultimately responsible for completing all degree requirements.

Course	Title	Hours
<b>Freshman</b>		
<b>Fall</b>		
PSYC 1113	Introductory Psychology (S)	3
MATH 1483	Mathematical Functions and Their Uses (A)	3
General Education courses		10
<b>Hours</b>		<b>16</b>
<b>Spring</b>		
PSYC 1111	Succeeding in Psychology	1
General Education courses		13
<b>Hours</b>		<b>14</b>
<b>Sophomore</b>		
<b>Fall</b>		
PSYC 3214	Statistical Methods in Psychology	4

1713 First Semester Foreign Language	3	
General Education courses		
<b>Hours</b>		
<b>16</b>		
<b>Spring</b>		
PSYC 3914	Experimental Psychology: Introduction to Research Methods in Psychology	4
1813 Second Semester Foreign Language	3	
Major, College, and Elective courses		
<b>Hours</b>		
<b>14</b>		
<b>Junior</b>		
<b>Fall</b>		
2000-level Foreign Language	3	
Major, College, and Elective courses		
<b>Hours</b>		
<b>15</b>		
<b>Spring</b>		
Major, College, and Elective courses		
<b>Hours</b>		
<b>15</b>		
<b>Senior</b>		
<b>Fall</b>		
Major, College, and Elective courses		
<b>Hours</b>		
<b>15</b>		
<b>Spring</b>		
Major, College, and Elective courses		
<b>Hours</b>		
<b>15</b>		
<b>Hours</b>		
<b>15</b>		
<b>Total Hours</b>		
<b>120</b>		

# Psychology: Pre-Law, BA

## Degree Requirements

**Requirements for Students Matriculating in or before Academic Year 2022-2023.** Learn more about University Academic Regulation 3.1 (p. 943).

**Minimum Overall Grade Point Average:** 2.00

**Total Hours:** 120

Code	Title	Hours
<b>General Education Requirements</b>		
<i>English Composition</i>		
See Academic Regulation 3.5 (p. 944)		
ENGL 1113 or ENGL 1313	Composition I Critical Analysis and Writing I	3
Select one of the following:		3
ENGL 1213	Composition II	
ENGL 1413	Critical Analysis and Writing II	
ENGL 3323	Technical Writing	
<i>American History &amp; Government</i>		
HIST 1103 or HIST 1483 or HIST 1493	Survey of American History American History to 1865 (H) American History Since 1865 (DH)	3
POLS 1113	American Government	3
<i>Analytical &amp; Quantitative Thought (A)</i>		
Select one of the following (or higher):		3
MATH 1483	Mathematical Functions and Their Uses (A) (or higher except MATH 1493)	
STAT 2013	Elementary Statistics (A) (or higher)	
<i>Humanities (H)</i>		
Courses designated (H)		6
<i>Natural Sciences (N)</i>		
Must include one Laboratory Science (L) course		
Course designated (N)		6
<i>Social &amp; Behavioral Sciences (S)</i>		
PSYC 1113	Introductory Psychology (S)	3
<i>Additional General Education</i>		
Courses designated (A), (H), (N), or (S)		10
<b>Hours Subtotal</b>		<b>40</b>
<b>Diversity (D) &amp; International Dimension (I)</b>		
May be completed in any part of the degree plan		
Select at least one Diversity (D) course		
Select at least one International Dimension (I) course		
<b>College/Departmental Requirements</b>		
<i>First Year Seminar</i>		
(Transfer students with 15 hours exempt)		1
<i>Arts &amp; Humanities</i>		
See note 2.a.		9
<i>Natural &amp; Mathematical Sciences</i>		
PHIL 1313	Logic and Critical Thinking (A)	3
<i>Foreign Language</i>		
See note 3		9

### Non-Western Studies

At least one course

See note 2.d.

### Upper-Division General Education

Select 6 hours outside major department

See note 2.c.

**Hours Subtotal** **22**

### Major Requirements

Minimum GPA 2.00 with a minimum grade of "C" in all PSYC courses

No more than 9 hours of PSYC may be 2000 level

Completion of PSYC 1113 with a minimum grade of "C"; and a minimum grade of "C" in MATH 1483 (or higher except MATH 1493) or STAT 2013 or higher required to declare major.

### Core Requirements

PSYC 1111	Succeeding in Psychology	1
PSYC 3214	Statistical Methods in Psychology	4
PSYC 3914	Experimental Psychology: Introduction to Research Methods in Psychology	4

Select 30 hours, including at least one course from each of the 4 competency areas: 30

Learning, Cognition, Biological Basis:

PSYC 3073	Neurobiological Psychology (N)	
PSYC 3113	Comparative Psychology (N)	
PSYC 3173	Introduction to Cognitive Science (N)	
PSYC 3513	Psychology of Learning	
PSYC 3713	Psychology of Memory <sup>1</sup>	
PSYC 3823	Cognitive Psychology	
PSYC 4023	Evolutionary Psychology (N)	
PSYC 4073	Principles of Neuroscience	
PSYC 4223	Decision Making and Problem Solving	
PSYC 4263	Affective Neuroscience	
PSYC 4343	Language Development (S)	

Psychometrics, Personality, Social Processes:

PSYC 2743	Social Psychology (S) <sup>1</sup>	
PSYC 3033	Psychology of Humor (S)	
PSYC 3013	Psychology of Motivation	
PSYC 3053	Psychology of Art (S)	
PSYC 3413	Social Cognition & Behavior; Mating, Morality, & other Mysteries <sup>1</sup>	
PSYC 4153	Psychology and Mass Media	
PSYC 4333	Personality <sup>1</sup>	
PSYC 4813	Psychological Testing	

Developmental and Sociocultural Dimensions:

PSYC 2313	Psychology of Adjustment	
PSYC 2583	Developmental Psychology (S)	
PSYC 2593	Psychology of Human Sexuality	
PSYC 3343	Black Psychology (DS)	
PSYC 4123	Psychology of Women (DS)	
PSYC 4163	Psychology of Prejudice and Discrimination (D) <sup>1</sup>	
PSYC 4243	Psychology of Aging	

Clinical, Applied Psychology:

PSYC 2443	Clinical Child Psychology
PSYC 3443	Abnormal Psychology (S) <sup>1</sup>
PSYC 3883	Positive Psychology
PSYC 4013	Introduction to Pediatric Psychology
PSYC 4143	Psychology and Law <sup>1</sup>
PSYC 4183	Issues in Clinical Psychology <sup>1</sup>
PSYC 4213	Conflict Resolution (S) <sup>1</sup>
PSYC 4283	Health Psychology
PSYC 4293	Forensic Psychology <sup>1</sup>
PSYC 4483	Psychology of Parent Behavior (S)
PSYC 4633	Psychology of Sport and Human Performance

#### Other PSYC Elective Courses:

PSYC 2890	Honors Experience in Psychology
PSYC 3120	Special Topics in Psychology (1-12 hours)
PSYC 3990	Teaching Practicum (1-6 hours)
PSYC 4353	History of the Human Soul
PSYC 4493	History of Psychology
PSYC 4770	Undergraduate Senior Thesis (1-6 hours)
PSYC 4880	Senior Honors Thesis (1-6 hours)
PSYC 4883	Current Issues in Psychology
PSYC 4990	Research Practicum (1-6 hours)

#### Legal Emphasis

Select 12 upper-division hours of the following: 12

AMIS 4013	American Indian Sovereignty (D)
AMST 3333	Crime, Law and American Culture (S)
ENGL 3223	Professional Writing Theory
ENGL 3323	Technical Writing
ENGL 4003	History of the English Language
ENGL 4013	English Grammar
GEOG 3133	Political Geography (IS)
LSB 3213	Legal and Regulatory Environment of Business
LSB 4323	Law of Commercial Transactions and Debtor-Creditor Relationships
LSB 4403	Law and Entrepreneurship
LSB 4413	Law of Business Organizations
LSB 4423	Employment Law (D)
LSB 4523	Law of Real Property
LSB 4633	Legal Aspects of International Business Transactions (I)
PHIL 3003	Symbolic Logic (A)
PHIL 3413	Ethical Theory (H)
PHIL 3803	Business Ethics (H)
PHIL 3833	Biomedical Ethics (H)
POLS 3033	International Law
POLS 3453	U.S. Congress
POLS 3533	Lobbying: the Art of Influence and Manipulation
POLS 3523	Money, Media And Politics
POLS 3963	State Courts and the Bar
POLS 3983	Courts and Judicial Process (S)
POLS 3993	Legal Research And Analysis

POLS 4353	Administrative Law
POLS 4363	Environmental Law And Policy
POLS 4593	Natural Resources and Environmental Policy
POLS 4963	U.S. Constitution: Civil Rights and Civil Liberties
POLS 4973	U.S. Constitution: Separation of Powers
SOC 3523	Juvenile Delinquency (DS)
SOC 4023	Juvenile Corrections and Treatment Strategies
SOC 4033	Comparative Perspectives of Criminal Justice Systems (IS)
SOC 4313	Sociology of Law
SOC 4333	Criminology (S)
SOC 4733	Criminal Behavior Analysis
SOC 4743	Criminalistics: Introduction to Forensic Sciences
SOC 4753	Advanced Forensics
SOC 4923	Sociology of Punishment (S)
SPCH 3733	Elements of Persuasion (S)
SPCH 4753	Intercultural Communication (I)
SPCH 4793	Nonverbal Communication (S)

<b>Hours Subtotal</b>	<b>51</b>
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#### Electives

Select 7 hours	7
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May need to include 6 hours upper-division general education outside major department. See note 2.c.

#### Recommended courses:

POLS 2023	The Individual And The Law
SPCH 2713	Introduction to Speech Communication (S)

<b>Hours Subtotal</b>	<b>7</b>
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<b>Total Hours</b>	<b>120</b>
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1

Denotes recommended courses.

## Other Requirements

- See the College of Arts and Sciences Requirements.
- **Upper-Division Credit:** Total hours must include at least 40 hours in courses numbered 3000 or above.
- **Hours in One Department:** For B.A. and B.S. degrees, no more than 54 hours in one department may be applied to degree requirements.

## College of Arts and Sciences Requirements

### 1. General Education Requirements

No more than two courses (or eight hours) from the major department (<http://catalog.okstate.edu/college-arts-sciences-major-departments/>) may be used to meet General Education and College and Departmental Requirements. The General Education required English Composition, required U.S. History, required American Government, one required MATH or STAT course, and required foreign language for B.A. degrees do not count against the two-course maximum.

### 2. A&S College/Departmental Requirements

- a. Arts and Humanities are defined as any course carrying an (H) designation or courses from AMST, ART, DANC, ENGL (except ENGL 3323 Technical Writing) HIST, MUSI, PHIL (except PHIL 1313 Logic and Critical Thinking (A), PHIL 3003 Symbolic Logic (A) and PHIL 4003 Mathematical Logic and Computability), REL, TH, and foreign languages.
- b. Natural and Mathematical Sciences are defined as any course from the following prefixes: ASTR, BIOC, BIOL, CHEM, CS (except CS 4883 Social Issues in Computing), GEOL, MATH, MICR, PBIO, PHYS, and STAT; or courses from other departments that carry an (A) or (N) general education designation.
- c. The required six hours of upper-division General Education may not include courses from the student's major department. This requirement may be satisfied by courses also used to satisfy any part of a student's degree program (i.e., in General Education, College Departmental Requirements, Major Requirements or Electives).
- d. Non-Western Studies Requirement for B.A. and B.F.A.; One 3-hour course in Non-Western Studies (N.W.). This requirement may be satisfied by courses also used to satisfy any part of a student's degree program (i.e., in General Education, College Departmental Requirements, Major Requirements or Electives).
- e. The College of Arts & Sciences requires a minimum 2.0 GPA in all major requirements and a minimum 2.0 GPA in all major-prefix courses applied to the degree.

### 3. Foreign Language Proficiency

- a. The foreign language requirement for the B.A. may be satisfied by 9 hours college credit in the same language, which must include 3 hours at the 2000-level, or equivalent proficiency (e.g., passing an advanced standing examination; TOEFL exam; presenting a high school transcript which demonstrates the high school was primarily conducted in a language other than English; etc.). Computer Science courses may not be used to satisfy this requirement. Currently Arabic and Mvskoke are not offered at the 2000-level at OSU.
- b. The foreign language requirement for the B.S., B.M. and B.F.A. may be satisfied by presenting a high school transcript which demonstrates two years of study of a single foreign language (passing grades at second-year level of study). It may also be satisfied by 6 hours college credit in the same language, which must include language courses 1713 and 1813, or equivalent proficiency (e.g., passing an advanced standing examination; TOEFL exam; presenting a high school transcript which demonstrates the high school was primarily conducted in a language other than English; etc.). Computer Science courses may not be used to satisfy this requirement.
- c. In addition to a. and b., students pursuing teacher certification must meet novice-high foreign language proficiency by presenting a high school transcript which demonstrates two years of study of a single foreign language with no grade below B. Or, students may complete 3 hours college credit in a single language with no grade below C (or pass an advanced standing examination, College Level Examination Program (CLEP) exam, or Oral Proficiency Interview developed by the American Council on the Teaching of Foreign Languages, equivalent to 3 hours of college credit.) Or, students may meet the requirement by transfer of documentation of meeting the foreign language competency from one of the teacher education programs in the State of Oklahoma approved by the Oklahoma State Regents for Higher Education.

### 4. Exclusions

- a. Courses used to satisfy the General Education English Composition, U.S. History, American Government, and Mathematics or Statistics requirements will not count toward the 54-hour maximum allowed from one department.
- b. Courses with ATHL or LEIS prefixes and leisure activity courses may not be used for degree credit.

## Additional State/OSU Requirements

- At least: 60 hours at a four-year institution; 30 hours completed at OSU; 15 of the final 30 or 50% of the upper-division hours in the major field completed at OSU.
- Limit of: one-half of major course requirements as transfer work; one-fourth of hours earned by correspondence; 8 transfer correspondence hours.
- Students will be held responsible for degree requirements in effect at the time of matriculation and any changes that are made, so long as these changes do not result in semester credit hours being added or do not delay graduation.
- Degrees that follow this plan must be completed by the end of Summer 2028.

## Example Plan of Study

### Finish in Four Plan of Study

The plan below is an **example** of how students can successfully complete degree requirements in four years. This suggested class schedule plan may be used as a guide and can be adjusted based on individual needs. Students are required to meet with an academic advisor prior to enrollment each semester to plan their class schedule, and students are ultimately responsible for completing all degree requirements.

Course	Title	Hours
<b>Freshman</b>		
<b>Fall</b>		
PSYC 1113	Introductory Psychology (S)	3
MATH 1483	Mathematical Functions and Their Uses (A)	3
General Education courses		10
<b>Hours</b>		<b>16</b>
<b>Spring</b>		
PSYC 1111	Succeeding in Psychology	1
General Education courses		13
<b>Hours</b>		<b>14</b>
<b>Sophomore</b>		
<b>Fall</b>		
PSYC 3214	Statistical Methods in Psychology	4
PHIL 1313	Logic and Critical Thinking (A)	3
1713 First Semester Foreign Language		3
General Education courses		6
<b>Hours</b>		<b>16</b>
<b>Spring</b>		
PSYC 3914	Experimental Psychology: Introduction to Research Methods in Psychology	4
1813 Second Semester Foreign Language		3
Major, College, and Elective courses		7
<b>Hours</b>		<b>14</b>
<b>Junior</b>		
<b>Fall</b>		
2000-level Foreign Language		3
Major, College, and Elective courses		12
<b>Hours</b>		<b>15</b>

<b>Spring</b>	
Major, College, and Elective courses	15
<b>Hours</b>	<b>15</b>
<b>Senior</b>	
<b>Fall</b>	
Major, College, and Elective courses	15
<b>Hours</b>	<b>15</b>
<b>Spring</b>	
Major, College, and Elective courses	15
<b>Hours</b>	<b>15</b>
<b>Total Hours</b>	<b>120</b>



# Psychology: Pre-Med, BS

## Degree Requirements

**Requirements for Students Matriculating in or before Academic Year 2022-2023.** Learn more about University Academic Regulation 3.1 (p. 943).

**Minimum Overall Grade Point Average: 2.00**

**Total Hours: 120**

Code	Title	Hours
<b>General Education Requirements</b>		
<i>English Composition</i>		
See Academic Regulation 3.5 (p. 944)		
ENGL 1113	Composition I	3
or ENGL 1313	Critical Analysis and Writing I	
Select one of the following:		3
ENGL 1213	Composition II	
ENGL 1413	Critical Analysis and Writing II	
ENGL 3323	Technical Writing	
<i>American History &amp; Government</i>		
HIST 1103	Survey of American History	3
or HIST 1483	American History to 1865 (H)	
or HIST 1493	American History Since 1865 (DH)	
POLS 1113	American Government	3
<i>Analytical &amp; Quantitative Thought (A)</i>		
MATH 1483	Mathematical Functions and Their Uses (A) (or higher except MATH 1493)	3
(Minimum grade of "C")		
<i>Humanities (H)</i>		
Courses designated (H)		6
<i>Natural Sciences (N)</i>		
Must include one Laboratory Science (L) course		
Course designated (N) with one (L)		
BIOL 1113	Introductory Biology (N)	4
& BIOL 1111	and Introductory Biology Laboratory (LN)	
or BIOL 1114	Introductory Biology (LN)	
CHEM 1314	Chemistry I (LN)	4
<i>Social &amp; Behavioral Sciences (S)</i>		
PSYC 1113	Introductory Psychology (S)	3
<i>Additional General Education</i>		
Courses designated (A), (H), (N), or (S)		9
<b>Hours Subtotal</b>		<b>41</b>
<b>Diversity (D) &amp; International Dimension (I)</b>		
May be completed in any part of the degree plan		
Select at least one Diversity (D) course		
Select at least one International Dimension (I) course		
<b>College/Departmental Requirements</b>		
<i>First Year Seminar</i>		
(Transfer students with 15 hours exempt)		1
<i>Arts &amp; Humanities</i>		
See note 2.a.		3
<i>Natural &amp; Mathematical Sciences</i>		

CHEM 1515	Chemistry II (LN)	5
BIOL 1604	Animal Biology	4
<i>Foreign Language</i>		
See note 3		
0-6 hours		
<i>Upper-Division General Education</i>		
Select 6 hours outside major department		
See note 2.c.		
<b>Hours Subtotal</b>		<b>13</b>
<b>Major Requirements</b>		
Minimum GPA 2.00 with a minimum grade of "C" in all PSYC courses		
No more than 9 hours of PSYC may be 2000 level		
Completion of PSYC 1113 with a minimum grade of "C"; and a minimum grade of "C" in MATH 1483 (or higher except MATH 1493) required to declare major.		
<i>Core Requirements</i>		
PSYC 1111	Succeeding in Psychology	1
PSYC 3214	Statistical Methods in Psychology	4
PSYC 3914	Experimental Psychology: Introduction to Research Methods in Psychology	4
Select 30 hours, including at least one course from each of the 4 competency areas:		30
Learning, Cognition, Biological Basis:		
PSYC 3073	Neurobiological Psychology (N) <sup>1</sup>	
PSYC 3113	Comparative Psychology (N)	
PSYC 3173	Introduction to Cognitive Science (N)	
PSYC 3513	Psychology of Learning	
PSYC 3713	Psychology of Memory <sup>1</sup>	
PSYC 3823	Cognitive Psychology	
PSYC 4023	Evolutionary Psychology (N)	
PSYC 4073	Principles of Neuroscience	
PSYC 4223	Decision Making and Problem Solving	
PSYC 4263	Affective Neuroscience <sup>1</sup>	
PSYC 4343	Language Development (S)	
Psychometrics, Personality, Social Processes:		
PSYC 2743	Social Psychology (S)	
PSYC 3003	Data Analysis with Observation Oriented Modeling	
PSYC 3013	Psychology of Motivation	
PSYC 3033	Psychology of Humor (S)	
PSYC 3053	Psychology of Art (S)	
PSYC 3413	Social Cognition & Behavior; Mating, Morality, & other Mysteries	
PSYC 4153	Psychology and Mass Media	
PSYC 4333	Personality <sup>1</sup>	
PSYC 4813	Psychological Testing	
Developmental and Sociocultural Dimensions:		
PSYC 2313	Psychology of Adjustment	
PSYC 2583	Developmental Psychology (S) <sup>1</sup>	
PSYC 2593	Psychology of Human Sexuality	
PSYC 3343	Black Psychology (DS)	
PSYC 4123	Psychology of Women (DS)	

PSYC 4163	Psychology of Prejudice and Discrimination (D)	
PSYC 4243	Psychology of Aging	
Clinical, Applied Psychology:		
PSYC 2443	Clinical Child Psychology	
PSYC 3443	Abnormal Psychology (S) <sup>1</sup>	
PSYC 3883	Positive Psychology	
PSYC 4013	Introduction to Pediatric Psychology	
PSYC 4143	Psychology and Law	
PSYC 4183	Issues in Clinical Psychology <sup>1</sup>	
PSYC 4213	Conflict Resolution (S)	
PSYC 4283	Health Psychology <sup>1</sup>	
PSYC 4293	Forensic Psychology	
PSYC 4483	Psychology of Parent Behavior (S)	
PSYC 4633	Psychology of Sport and Human Performance	
Other PSYC Elective Courses:		
PSYC 2890	Honors Experience in Psychology	
PSYC 3120	Special Topics in Psychology (1-12 hours)	
PSYC 3990	Teaching Practicum (1-6 hours)	
PSYC 4353	History of the Human Soul	
PSYC 4493	History of Psychology	
PSYC 4770	Undergraduate Senior Thesis (1-6 hours)	
PSYC 4880	Senior Honors Thesis (1-6 hours)	
PSYC 4883	Current Issues in Psychology	
PSYC 4990	Research Practicum (1-6 hours)	
<i>Other Requirements</i> <sup>2</sup>		
CHEM 3053	Organic Chemistry I	3
CHEM 3153	Organic Chemistry II	3
CHEM 3112	Organic Chemistry Laboratory	2
PHYS 1114 & PHYS 1214	College Physics I (LN) and College Physics II (LN)	8
Select 6 hours of the following: <sup>2</sup>		6
Recommended for MCAT prep at least one course from each category		
Category 1:		
MICR 2123	Introduction to Microbiology	
MICR 3033	Cell and Molecular Biology	
BIOL 3023	General Genetics	
Category 2:		
BIOC 3653	Survey of Biochemistry	
MICR 3223	Advanced Microbiology	
BIOL 3104	Invertebrate Zoology	
Category 3:		
BIOL 3204	Physiology	
BIOL 3214	Human Anatomy	
Category 4:		
BIOL 3233	Human Reproduction	
BIOL 4134	Embryology	
BIOL 4283	Endocrinology	
<b>Hours Subtotal</b>		<b>61</b>
<b>Electives</b>		
Select 5 hours <sup>2</sup>		5

May need to include 6 hours of a foreign language. See note 3

May need to include 6 hours upper-division general education outside major department. See note 2.c.

Suggested course: SOC 1113

<b>Hours Subtotal</b>	<b>5</b>
<b>Total Hours</b>	<b>120</b>

1

Denotes recommended courses.

2

With approval from the advisor and department head, a maximum of 30 hours from an accredited health program may be used for this degree, including these additional 22 hours and 5 hours of electives. Up to 3 hours may be substituted from the required PSYC courses other than PSYC 1113 Introductory Psychology (S), PSYC 3214 Statistical Methods in Psychology and PSYC 3914 Experimental Psychology: Introduction to Research Methods in Psychology.

Additional requirements for professional school exist. View Admission Requirement sheet at [prehealth.okstate.edu](http://prehealth.okstate.edu) (<http://prehealth.okstate.edu>).

## Other Requirements

- See the College of Arts and Sciences Requirements.
- **Upper-Division Credit:** Total hours must include at least 40 hours in courses numbered 3000 or above.
- **Hours in One Department:** For B.A. and B.S. degrees, no more than 54 hours in one department may be applied to degree requirements.

## College of Arts and Sciences Requirements

### 1. General Education Requirements

No more than two courses (or eight hours) from the major department (<http://catalog.okstate.edu/college-arts-sciences-major-departments/>) may be used to meet General Education and College and Departmental Requirements. The General Education required English Composition, required U.S. History, required American Government, one required MATH or STAT course, and required foreign language for B.A. degrees do not count against the two-course maximum.

### 2. A&S College/Departmental Requirements

- Arts and Humanities are defined as any course carrying an (H) designation or courses from AMST, ART, DANC, ENGL (except ENGL 3323 Technical Writing) HIST, MUSI, PHIL (except PHIL 1313 Logic and Critical Thinking (A), PHIL 3003 Symbolic Logic (A) and PHIL 4003 Mathematical Logic and Computability), REL, TH, and foreign languages.
- Natural and Mathematical Sciences are defined as any course from the following prefixes: ASTR, BIOC, BIOL, CHEM, CS (except CS 4883 Social Issues in Computing), GEOL, MATH, MICR, PBIO, PHYS, and STAT; or courses from other departments that carry an (A) or (N) general education designation.
- The required six hours of upper-division General Education may not include courses from the student's major department. This requirement may be satisfied by courses also used to satisfy any part of a student's degree program (i.e., in General Education, College Departmental Requirements, Major Requirements or Electives).

- d. Non-Western Studies Requirement for B.A. and B.F.A.; One 3-hour course in Non-Western Studies (N.W.). This requirement may be satisfied by courses also used to satisfy any part of a student's degree program (i.e., in General Education, College Departmental Requirements, Major Requirements or Electives).
- e. The College of Arts & Sciences requires a minimum 2.0 GPA in all major requirements and a minimum 2.0 GPA in all major-prefix courses applied to the degree.

### 3. Foreign Language Proficiency

- a. The foreign language requirement for the B.A. may be satisfied by 9 hours college credit in the same language, which must include 3 hours at the 2000-level, or equivalent proficiency (e.g., passing an advanced standing examination; TOEFL exam; presenting a high school transcript which demonstrates the high school was primarily conducted in a language other than English; etc.). Computer Science courses may not be used to satisfy this requirement. Currently Arabic and Mvskoke are not offered at the 2000-level at OSU.
- b. The foreign language requirement for the B.S., B.M. and B.F.A. may be satisfied by presenting a high school transcript which demonstrates two years of study of a single foreign language (passing grades at second-year level of study). It may also be satisfied by 6 hours college credit in the same language, which must include language courses 1713 and 1813, or equivalent proficiency (e.g., passing an advanced standing examination; TOEFL exam; presenting a high school transcript which demonstrates the high school was primarily conducted in a language other than English; etc.). Computer Science courses may not be used to satisfy this requirement.
- c. In addition to a. and b., students pursuing teacher certification must meet novice-high foreign language proficiency by presenting a high school transcript which demonstrates two years of study of a single foreign language with no grade below B. Or, students may complete 3 hours college credit in a single language with no grade below C (or pass an advanced standing examination, College Level Examination Program (CLEP) exam, or Oral Proficiency Interview developed by the American Council on the Teaching of Foreign Languages, equivalent to 3 hours of college credit.) Or, students may meet the requirement by transfer of documentation of meeting the foreign language competency from one of the teacher education programs in the State of Oklahoma approved by the Oklahoma State Regents for Higher Education.

### 4. Exclusions

- a. Courses used to satisfy the General Education English Composition, U.S. History, American Government, and Mathematics or Statistics requirements will not count toward the 54-hour maximum allowed from one department.
- b. Courses with ATHL or LEIS prefixes and leisure activity courses may not be used for degree credit.

## Additional State/OSU Requirements

- At least: 60 hours at a four-year institution; 30 hours completed at OSU; 15 of the final 30 or 50% of the upper-division hours in the major field completed at OSU.
- Limit of: one-half of major course requirements as transfer work; one-fourth of hours earned by correspondence; 8 transfer correspondence hours.
- Students will be held responsible for degree requirements in effect at the time of matriculation and any changes that are made, so long as

these changes do not result in semester credit hours being added or do not delay graduation.

- Degrees that follow this plan must be completed by the end of Summer 2028.

## Example Plan of Study

### Finish in Four Plan of Study

The plan below is an **example** of how students can successfully complete degree requirements in four years. This suggested class schedule plan may be used as a guide and can be adjusted based on individual needs. Students are required to meet with an academic advisor prior to enrollment each semester to plan their class schedule, and students are ultimately responsible for completing all degree requirements.

Course	Title	Hours
<b>Freshman</b>		
<b>Fall</b>		
MATH 1483	Mathematical Functions and Their Uses (A)	3
BIOL 1113 & BIOL 1111 or BIOL 1114	Introductory Biology (N) or Introductory Biology (LN)	4
PSYC 1113	Introductory Psychology (S)	3
General Education courses		4
<b>Hours</b>		<b>14</b>
<b>Spring</b>		
CHEM 1314	Chemistry I (LN)	4
General Education courses		12
<b>Hours</b>		<b>16</b>
<b>Sophomore</b>		
<b>Fall</b>		
CHEM 1515	Chemistry II (LN)	5
BIOL 1604	Animal Biology	4
PSYC 1111	Succeeding in Psychology	1
PSYC 3214	Statistical Methods in Psychology	4
<b>Hours</b>		<b>14</b>
<b>Spring</b>		
CHEM 3053	Organic Chemistry I	3
3 Hours Pre-Med science		3
PSYC 3914	Experimental Psychology: Introduction to Research Methods in Psychology	4
General Education courses		6
<b>Hours</b>		<b>16</b>
<b>Junior</b>		
<b>Fall</b>		
CHEM 3153	Organic Chemistry II	3
CHEM 3112	Organic Chemistry Laboratory	2
PHYS 1114	College Physics I (LN)	4
Major, College, and Elective courses		6
<b>Hours</b>		<b>15</b>
<b>Spring</b>		
PHYS 1214	College Physics II (LN)	4
3 Hours Pre-Med Science		3
Major, College, and Elective courses		8
<b>Hours</b>		<b>15</b>
<b>Senior</b>		
<b>Fall</b>		
Major, College, and Elective courses		15
<b>Hours</b>		<b>15</b>

**Spring**

Major, College, and Elective courses	15
<b>Hours</b>	<b>15</b>
<b>Total Hours</b>	<b>120</b>

1

Speak with academic advisor about saving General Education electives and Humanities (H) for Upper-division courses with International (I) and Diversity (D) dimensions.

# Psychology: Pre-Occupational Therapy, BS

## Degree Requirements

**Requirements for Students Matriculating in or before Academic Year 2022-2023.** Learn more about University Academic Regulation 3.1 (p. 943).

**Minimum Overall Grade Point Average: 2.00**

**Total Hours: 120**

Code	Title	Hours
<b>General Education Requirements</b>		
<i>English Composition</i>		
See Academic Regulation 3.5 (p. 944)		
ENGL 1113 or ENGL 1313	Composition I Critical Analysis and Writing I	3
ENGL 1213 or ENGL 1413 or ENGL 3323	Composition II Critical Analysis and Writing II Technical Writing	3
<i>American History &amp; Government</i>		
HIST 1103 or HIST 1483 or HIST 1493	Survey of American History American History to 1865 (H) American History Since 1865 (DH)	3
POLS 1113	American Government	3
<i>Analytical &amp; Quantitative Thought (A)</i>		
MATH 1513	College Algebra (A) ( or higher) (Minimum grade of "C")	3
<i>Humanities (H)</i>		
Courses designated (H)		6
<i>Natural Sciences (N)</i>		
Must include one Laboratory Science (L) course		
Course designated (N) with one (L)		
BIOL 1113 & BIOL 1111 or BIOL 1114	Introductory Biology (N) and Introductory Biology Laboratory (LN) Introductory Biology (LN)	4
PHYS 1114	College Physics I (LN)	4
<i>Social &amp; Behavioral Sciences (S)</i>		
PSYC 1113	Introductory Psychology (S)	3
<i>Additional General Education</i>		
Courses designated (A), (H), (N), or (S)		9
<b>Hours Subtotal</b>		<b>41</b>
<b>Diversity (D) &amp; International Dimension (I)</b>		
May be completed in any part of the degree plan		
Select at least one Diversity (D) course		
Select at least one International Dimension (I) course		
<b>College/Departmental Requirements</b>		
<i>First-Year Seminar</i>		
(Transfer students with 15 hours exempt)		1
<i>Arts &amp; Humanities</i>		
See note 2.a.		3
<i>Natural &amp; Mathematical Sciences</i>		
CS 1003	Computer Proficiency	3

6 additional hours. See note 2.b. CHEM, MICR, or BIOL recommended.

6

### Foreign Language

0-6 hours. See note 3.

### Upper-Division General Education

Select 6 hours outside major department. See note 2.c.

**Hours Subtotal** **13**

### Major Requirements

Minimum GPA 2.00 with a minimum grade of "C" in all PSYC courses.

No more than 9 hours of PSYC may be 2000 level.

Completion of PSYC 1113 with a minimum grade of "C" and a minimum grade of "C" in MATH 1513 (or higher) required to declare major.

### Core Requirements

PSYC 1111	Succeeding in Psychology	1
PSYC 2583	Developmental Psychology (S)	3
PSYC 3214	Statistical Methods in Psychology	4
PSYC 3443	Abnormal Psychology (S)	3
PSYC 3914	Experimental Psychology: Introduction to Research Methods in Psychology	4

Select 24 hours, including at least one course from competency areas 1 and 2

### 1) Learning, Cognition, Biological Basis:

PSYC 3073	Neurobiological Psychology (N)	
PSYC 3113	Comparative Psychology (N)	
PSYC 3173	Introduction to Cognitive Science (N)	
PSYC 3513	Psychology of Learning	
PSYC 3713	Psychology of Memory	
PSYC 3823	Cognitive Psychology	
PSYC 4023	Evolutionary Psychology (N)	
PSYC 4073	Principles of Neuroscience	
PSYC 4223	Decision Making and Problem Solving	
PSYC 4263	Affective Neuroscience	
PSYC 4343	Language Development (S)	

### 2) Psychometrics, Personality, Social Processes:

PSYC 2743	Social Psychology (S)	
PSYC 3003	Data Analysis with Observation Oriented Modeling	
PSYC 3013	Psychology of Motivation	
PSYC 3033	Psychology of Humor (S)	
PSYC 3053	Psychology of Art (S)	
PSYC 3413	Social Cognition & Behavior; Mating, Morality, & other Mysteries	
PSYC 4153	Psychology and Mass Media	
PSYC 4333	Personality	
PSYC 4813	Psychological Testing	

### 3) Developmental and Sociocultural Dimensions:

PSYC 2313	Psychology of Adjustment	
PSYC 2593	Psychology of Human Sexuality	
PSYC 3343	Black Psychology (DS)	
PSYC 4123	Psychology of Women (DS)	

PSYC 4163	Psychology of Prejudice and Discrimination (D)	
PSYC 4243	Psychology of Aging	
4) Clinical, Applied Psychology:		
PSYC 2443	Clinical Child Psychology	
PSYC 3883	Positive Psychology	
PSYC 4013	Introduction to Pediatric Psychology	
PSYC 4143	Psychology and Law	
PSYC 4183	Issues in Clinical Psychology	
PSYC 4213	Conflict Resolution (S)	
PSYC 4283	Health Psychology	
PSYC 4293	Forensic Psychology	
PSYC 4483	Psychology of Parent Behavior (S)	
PSYC 4633	Psychology of Sport and Human Performance	
Other PSYC Elective Courses:		
PSYC 2890	Honors Experience in Psychology	
PSYC 3120	Special Topics in Psychology	
PSYC 3990	Teaching Practicum (1-6 hours)	
PSYC 4353	History of the Human Soul	
PSYC 4493	History of Psychology	
PSYC 4770	Undergraduate Senior Thesis (1-6 hours)	
PSYC 4880	Senior Honors Thesis (1-6 hours)	
PSYC 4883	Current Issues in Psychology	
PSYC 4990	Research Practicum (1-6 hours)	
12 hours of Science:		
BIOL 3214	Human Anatomy	4
BIOL 3204	Physiology	4
4 additional upper-division hours from: ANSI, BIOC, BIOL, CHEM, CS, ECON, EPSY, HDFS, MATH, MICR, NREM, NSCI, PBIO, PHYS, PLP, POLS, SOC, SPCH, STAT, and/or upper division General Education (A), (N), OR (S) excluding PSYC		4
<b>Hours Subtotal</b>		<b>51</b>
<b>Electives: 15 Hours</b>		<b>15</b>
May need to include 6 hours of a foreign language. See note 3.		
May need to include 6 hours upper-division general education outside major department. See note 2.c.		
Recommended course: HHP 2802		
<b>Hours Subtotal</b>		<b>15</b>
<b>Total Hours</b>		<b>120</b>

## Other Requirements

- See the College of Arts and Sciences Requirements.
- **Upper-Division Credit:** Total hours must include at least 40 hours in courses numbered 3000 or above.
- **Hours in One Department:** For B.A. and B.S. degrees, no more than 54 hours in one department may be applied to degree requirements.

## College of Arts and Sciences Requirements

### 1. General Education Requirements

No more than two courses (or eight hours) from the major department (<http://catalog.okstate.edu/college-arts-sciences-major->

departments/) may be used to meet General Education and College and Departmental Requirements. The General Education required English Composition, required U.S. History, required American Government, one required MATH or STAT course, and required foreign language for B.A. degrees do not count against the two-course maximum.

### 2. A&S College/Departmental Requirements

- Arts and Humanities are defined as any course carrying an (H) designation or courses from AMST, ART, DANC, ENGL (except ENGL 3323 Technical Writing) HIST, MUSI, PHIL (except PHIL 1313 Logic and Critical Thinking (A), PHIL 3003 Symbolic Logic (A) and PHIL 4003 Mathematical Logic and Computability), REL, TH, and foreign languages.
- Natural and Mathematical Sciences are defined as any course from the following prefixes: ASTR, BIOC, BIOL, CHEM, CS (except CS 4883 Social Issues in Computing), GEOL, MATH, MICR, PBIO, PHYS, and STAT; or courses from other departments that carry an (A) or (N) general education designation.
- The required six hours of upper-division General Education may not include courses from the student's major department. This requirement may be satisfied by courses also used to satisfy any part of a student's degree program (i.e., in General Education, College Departmental Requirements, Major Requirements or Electives).
- Non-Western Studies Requirement for B.A. and B.F.A.; One 3-hour course in Non-Western Studies (N.W.). This requirement may be satisfied by courses also used to satisfy any part of a student's degree program (i.e., in General Education, College Departmental Requirements, Major Requirements or Electives).
- The College of Arts & Sciences requires a minimum 2.0 GPA in all major requirements and a minimum 2.0 GPA in all major-prefix courses applied to the degree.

### 3. Foreign Language Proficiency

- The foreign language requirement for the B.A. may be satisfied by 9 hours college credit in the same language, which must include 3 hours at the 2000-level, or equivalent proficiency (e.g., passing an advanced standing examination; TOEFL exam; presenting a high school transcript which demonstrates the high school was primarily conducted in a language other than English; etc.). Computer Science courses may not be used to satisfy this requirement. Currently Arabic and Mvskoke are not offered at the 2000-level at OSU.
- The foreign language requirement for the B.S., B.M. and B.F.A. may be satisfied by presenting a high school transcript which demonstrates two years of study of a single foreign language (passing grades at second-year level of study). It may also be satisfied by 6 hours college credit in the same language, which must include language courses 1713 and 1813, or equivalent proficiency (e.g., passing an advanced standing examination; TOEFL exam; presenting a high school transcript which demonstrates the high school was primarily conducted in a language other than English; etc.). Computer Science courses may not be used to satisfy this requirement.
- In addition to a. and b., students pursuing teacher certification must meet novice-high foreign language proficiency by presenting a high school transcript which demonstrates two years of study of a single foreign language with no grade below B. Or, students may complete 3 hours college credit in a single language with no grade below C (or pass an advanced standing examination, College Level Examination Program (CLEP) exam,



or Oral Proficiency Interview developed by the American Council on the Teaching of Foreign Languages, equivalent to 3 hours of college credit.) Or, students may meet the requirement by transfer of documentation of meeting the foreign language competency from one of the teacher education programs in the State of Oklahoma approved by the Oklahoma State Regents for Higher Education.

#### 4. Exclusions

- Courses used to satisfy the General Education English Composition, U.S. History, American Government, and Mathematics or Statistics requirements will not count toward the 54-hour maximum allowed from one department.
- Courses with ATHL or LEIS prefixes and leisure activity courses may not be used for degree credit.

## Additional State/OSU Requirements

- At least: 60 hours at a four-year institution; 30 hours completed at OSU; 15 of the final 30 or 50% of the upper-division hours in the major field completed at OSU.
- Limit of: one-half of major course requirements as transfer work; one-fourth of hours earned by correspondence; 8 transfer correspondence hours.
- Students will be held responsible for degree requirements in effect at the time of matriculation and any changes that are made, so long as these changes do not result in semester credit hours being added or do not delay graduation.
- Degrees that follow this plan must be completed by the end of Summer 2028.

## Example Plan of Study

### Finish in Four Plan of Study

The plan below is an **example** of how students can successfully complete degree requirements in four years. This suggested class schedule plan may be used as a guide and can be adjusted based on individual needs. Students are required to meet with an academic advisor prior to enrollment each semester to plan their class schedule, and students are ultimately responsible for completing all degree requirements.

Course	Title	Hours
<b>Freshman</b>		
<b>Fall</b>		
MATH 1483	Mathematical Functions and Their Uses (A)	3
BIOL 1113 & BIOL 1111 or BIOL 1114	Introductory Biology (N) or Introductory Biology (LN)	4
PSYC 1113	Introductory Psychology (S)	3
General Education courses		5
<b>Hours</b>		<b>15</b>
<b>Spring</b>		
CHEM 1314	Chemistry I (LN)	4
PSYC 2583	Developmental Psychology (S)	3
General Education courses		8
<b>Hours</b>		<b>15</b>
<b>Sophomore</b>		
<b>Fall</b>		
PSYC 1111	Succeeding in Psychology	1
PSYC 3214	Statistical Methods in Psychology	4
CS 1003	Computer Proficiency	3
General Education and Elective courses		7
<b>Hours</b>		<b>15</b>

<b>Spring</b>		
PSYC 3914	Experimental Psychology: Introduction to Research Methods in Psychology	4
PHYS 1114	College Physics I (LN)	4
General Education courses		7
<b>Hours</b>		<b>15</b>
<b>Junior</b>		
<b>Fall</b>		
BIOL 3204	Physiology	4
Major, College, and Elective courses		11
<b>Hours</b>		<b>15</b>
<b>Spring</b>		
BIOL 3214	Human Anatomy	4
Major, College, and Elective courses		11
<b>Hours</b>		<b>15</b>
<b>Senior</b>		
<b>Fall</b>		
Major, College, and Elective courses		15
<b>Hours</b>		<b>15</b>
<b>Spring</b>		
Major, College, and Elective courses		15
<b>Hours</b>		<b>15</b>
<b>Total Hours</b>		<b>120</b>

# Psychology: Pre-Physical Therapy, BS

## Degree Requirements

**Requirements for Students Matriculating in or before Academic Year 2022-2023.** Learn more about University Academic Regulation 3.1 (p. 943).

**Minimum Overall Grade Point Average: 2.00**

**Total Hours: 120**

Code	Title	Hours
<b>General Education Requirements</b>		
<i>English Composition</i>		
See Academic Regulation 3.5 (p. 944)		
ENGL 1113 or ENGL 1313	Composition I Critical Analysis and Writing I	3
ENGL 1213 or ENGL 1413 or ENGL 3323	Composition II Critical Analysis and Writing II Technical Writing	3
<i>American History &amp; Government</i>		
HIST 1103 or HIST 1483 or HIST 1493	Survey of American History American History to 1865 (H) American History Since 1865 (DH)	3
POLS 1113	American Government	3
<i>Analytical &amp; Quantitative Thought (A)</i>		
MATH 1513	College Algebra (A) (or higher MATH (A) course)	3
(Minimum grade of "C")		
<i>Humanities (H)</i>		
Courses designated (H)		6
<i>Natural Sciences (N)</i>		
Must include one Laboratory Science (L) course		
BIOL 1113 & BIOL 1111 or BIOL 1114	Introductory Biology (N) and Introductory Biology Laboratory (LN) Introductory Biology (LN)	4
CHEM 1314	Chemistry I (LN)	4
<i>Social &amp; Behavioral Sciences (S)</i>		
PSYC 1113	Introductory Psychology (S)	3
<i>Additional General Education</i>		
Courses designated (A), (H), (N), or (S)		9
<b>Hours Subtotal</b>		<b>41</b>
<b>Diversity (D) &amp; International Dimension (I)</b>		
May be completed in any part of the degree plan		
Select at least one Diversity (D) course		
Select at least one International Dimension (I) course		
<b>College/Departmental Requirements</b>		
<i>First-Year Seminar</i>		
(Transfer students with 15 hours exempt)		1
<i>Arts &amp; Humanities</i>		
See note 2.a.		3
<i>Natural &amp; Mathematical Sciences</i>		
PHYS 1114	College Physics I (LN)	4

PHYS 1214	College Physics II (LN)	4
One additional hour. See note 2.b.		1
<i>Foreign Language</i>		
0-6 hours. See note 3.		
<i>Upper-Division General Education</i>		
Select 6 hours outside major department. See note 2.c.		
<b>Hours Subtotal</b>		<b>13</b>
<b>Major Requirements</b>		
Minimum GPA 2.00 with a minimum grade of "C" in all PSYC courses.		
No more than 9 hours of PSYC may be 2000 level.		
Completion of PSYC 1113 with a minimum grade of "C" and a minimum grade of "C" in MATH 1513 (or higher) required to declare major.		
<i>Core Requirements</i>		
PSYC 1111	Succeeding in Psychology	1
PSYC 2583	Developmental Psychology (S)	3
PSYC 3214	Statistical Methods in Psychology	4
PSYC 3914	Experimental Psychology: Introduction to Research Methods in Psychology	4
Select 27 hours, including at least one course from areas 1, 2, and 4:		27
1) Learning, Cognition, Biological Basis:		
PSYC 3073	Neurobiological Psychology (N)	
PSYC 3113	Comparative Psychology (N)	
PSYC 3173	Introduction to Cognitive Science (N)	
PSYC 3513	Psychology of Learning	
PSYC 3713	Psychology of Memory	
PSYC 3823	Cognitive Psychology	
PSYC 4023	Evolutionary Psychology (N)	
PSYC 4073	Principles of Neuroscience	
PSYC 4223	Decision Making and Problem Solving	
PSYC 4263	Affective Neuroscience	
PSYC 4343	Language Development (S)	
2) Psychometrics, Personality, Social Processes:		
PSYC 2743	Social Psychology (S)	
PSYC 3003	Data Analysis with Observation Oriented Modeling	
PSYC 3013	Psychology of Motivation	
PSYC 3033	Psychology of Humor (S)	
PSYC 3053	Psychology of Art (S)	
PSYC 3413	Social Cognition & Behavior; Mating, Morality, & other Mysteries	
PSYC 4153	Psychology and Mass Media	
PSYC 4333	Personality	
PSYC 4813	Psychological Testing	
3) Developmental and Sociocultural Dimensions:		
PSYC 2313	Psychology of Adjustment	
PSYC 2593	Psychology of Human Sexuality	
PSYC 3343	Black Psychology (DS)	
PSYC 4123	Psychology of Women (DS)	
PSYC 4163	Psychology of Prejudice and Discrimination (D)	

PSYC 4243	Psychology of Aging	
4) Clinical, Applied Psychology:		
PSYC 2443	Clinical Child Psychology	
PSYC 3443	Abnormal Psychology (S)	
PSYC 3883	Positive Psychology	
PSYC 4013	Introduction to Pediatric Psychology	
PSYC 4143	Psychology and Law	
PSYC 4183	Issues in Clinical Psychology	
PSYC 4213	Conflict Resolution (S)	
PSYC 4283	Health Psychology	
PSYC 4293	Forensic Psychology	
PSYC 4483	Psychology of Parent Behavior (S)	
PSYC 4633	Psychology of Sport and Human Performance	
Other PSYC Elective Courses:		
PSYC 2890	Honors Experience in Psychology	
PSYC 3120	Special Topics in Psychology	
PSYC 3990	Teaching Practicum	
PSYC 4353	History of the Human Soul	
PSYC 4493	History of Psychology	
PSYC 4770	Undergraduate Senior Thesis	
PSYC 4880	Senior Honors Thesis	
PSYC 4883	Current Issues in Psychology	
PSYC 4990	Research Practicum	
<i>12 hours of Science:</i>		
BIOL 3214	Human Anatomy	4
BIOL 3204	Physiology	4
4 additional upper-division hours from ANSI, BIOC, BIOL, CHEM, CS, ECON, EPSY, HDFS, MATH, MICR, NREM, NSCI, PBIO, PHYS, PLP, POLS, SOC, SPCH, STAT, and/or upper-division General Education (A), (N) OR (S) excluding PSYC.		4
<b>Hours Subtotal</b>		<b>51</b>
<b>Electives</b>		
Select 15 hours		15
May need to include 6 hours of a foreign language. See note 3.		
May need to include 6 hours upper-division general education outside major department. See note 2.c.		
<b>Hours Subtotal</b>		<b>15</b>
<b>Total Hours</b>		<b>120</b>

## Other Requirements

- See the College of Arts and Sciences Requirements.
- **Upper-Division Credit:** Total hours must include at least 40 hours in courses numbered 3000 or above.
- **Hours in One Department:** For B.A. and B.S. degrees, no more than 54 hours in one department may be applied to degree requirements.

## College of Arts and Sciences Requirements

### 1. General Education Requirements

No more than two courses (or eight hours) from the major department (<http://catalog.okstate.edu/college-arts-sciences-major-departments/>) may be used to meet General Education and College

and Departmental Requirements. The General Education required English Composition, required U.S. History, required American Government, one required MATH or STAT course, and required foreign language for B.A. degrees do not count against the two-course maximum.

### 2. A&S College/Departmental Requirements

- Arts and Humanities are defined as any course carrying an (H) designation or courses from AMST, ART, DANC, ENGL (except ENGL 3323 Technical Writing) HIST, MUSI, PHIL (except PHIL 1313 Logic and Critical Thinking (A), PHIL 3003 Symbolic Logic (A) and PHIL 4003 Mathematical Logic and Computability), REL, TH, and foreign languages.
- Natural and Mathematical Sciences are defined as any course from the following prefixes: ASTR, BIOC, BIOL, CHEM, CS (except CS 4883 Social Issues in Computing), GEOL, MATH, MICR, PBIO, PHYS, and STAT; or courses from other departments that carry an (A) or (N) general education designation.
- The required six hours of upper-division General Education may not include courses from the student's major department. This requirement may be satisfied by courses also used to satisfy any part of a student's degree program (i.e., in General Education, College Departmental Requirements, Major Requirements or Electives).
- Non-Western Studies Requirement for B.A. and B.F.A.; One 3-hour course in Non-Western Studies (N.W.). This requirement may be satisfied by courses also used to satisfy any part of a student's degree program (i.e., in General Education, College Departmental Requirements, Major Requirements or Electives).
- The College of Arts & Sciences requires a minimum 2.0 GPA in all major requirements and a minimum 2.0 GPA in all major-prefix courses applied to the degree.

### 3. Foreign Language Proficiency

- The foreign language requirement for the B.A. may be satisfied by 9 hours college credit in the same language, which must include 3 hours at the 2000-level, or equivalent proficiency (e.g., passing an advanced standing examination; TOEFL exam; presenting a high school transcript which demonstrates the high school was primarily conducted in a language other than English; etc.). Computer Science courses may not be used to satisfy this requirement. Currently Arabic and Mvskoke are not offered at the 2000-level at OSU.
- The foreign language requirement for the B.S., B.M. and B.F.A. may be satisfied by presenting a high school transcript which demonstrates two years of study of a single foreign language (passing grades at second-year level of study). It may also be satisfied by 6 hours college credit in the same language, which must include language courses 1713 and 1813, or equivalent proficiency (e.g., passing an advanced standing examination; TOEFL exam; presenting a high school transcript which demonstrates the high school was primarily conducted in a language other than English; etc.). Computer Science courses may not be used to satisfy this requirement.
- In addition to a. and b., students pursuing teacher certification must meet novice-high foreign language proficiency by presenting a high school transcript which demonstrates two years of study of a single foreign language with no grade below B. Or, students may complete 3 hours college credit in a single language with no grade below C (or pass an advanced standing examination, College Level Examination Program (CLEP) exam, or Oral Proficiency Interview developed by the American Council

on the Teaching of Foreign Languages, equivalent to 3 hours of college credit.) Or, students may meet the requirement by transfer of documentation of meeting the foreign language competency from one of the teacher education programs in the State of Oklahoma approved by the Oklahoma State Regents for Higher Education.

#### 4. Exclusions

- Courses used to satisfy the General Education English Composition, U.S. History, American Government, and Mathematics or Statistics requirements will not count toward the 54-hour maximum allowed from one department.
- Courses with ATHL or LEIS prefixes and leisure activity courses may not be used for degree credit.

## Additional State/OSU Requirements

- At least: 60 hours at a four-year institution; 30 hours completed at OSU; 15 of the final 30 or 50% of the upper-division hours in the major field completed at OSU.
- Limit of: one-half of major course requirements as transfer work; one-fourth of hours earned by correspondence; 8 transfer correspondence hours.
- Students will be held responsible for degree requirements in effect at the time of matriculation and any changes that are made, so long as these changes do not result in semester credit hours being added or do not delay graduation.
- Degrees that follow this plan must be completed by the end of Summer 2028.

## Example Plan of Study

### Finish in Four Plan of Study

The plan below is an **example** of how students can successfully complete degree requirements in four years. This suggested class schedule plan may be used as a guide and can be adjusted based on individual needs. Students are required to meet with an academic advisor prior to enrollment each semester to plan their class schedule, and students are ultimately responsible for completing all degree requirements.

Course	Title	Hours
<b>Freshman</b>		
<b>Fall</b>		
MATH 1483	Mathematical Functions and Their Uses (A)	3
BIOL 1113 & BIOL 1111 or BIOL 1114	Introductory Biology (N) or Introductory Biology (LN)	4
PSYC 1113	Introductory Psychology (S)	3
General Education courses		5
<b>Hours</b>		<b>15</b>
<b>Spring</b>		
CHEM 1314	Chemistry I (LN)	4
PSYC 2583	Developmental Psychology (S)	3
General Education courses		8
<b>Hours</b>		<b>15</b>
<b>Sophomore</b>		
<b>Fall</b>		
PSYC 1111	Succeeding in Psychology	1
PSYC 3214	Statistical Methods in Psychology	4
PHYS 1114	College Physics I (LN)	4
CS 1003	Computer Proficiency	3
General Education and Elective courses		3
<b>Hours</b>		<b>15</b>

<b>Spring</b>		
PSYC 3914	Experimental Psychology: Introduction to Research Methods in Psychology	4
PHYS 1214	College Physics II (LN)	4
General Education courses		7
<b>Hours</b>		<b>15</b>
<b>Junior</b>		
<b>Fall</b>		
BIOL 3204	Physiology	4
Major, College, and Elective courses		11
<b>Hours</b>		<b>15</b>
<b>Spring</b>		
BIOL 3214	Human Anatomy	4
Major, College, and Elective courses		11
<b>Hours</b>		<b>15</b>
<b>Senior</b>		
<b>Fall</b>		
Major, College, and Elective courses		15
<b>Hours</b>		<b>15</b>
<b>Spring</b>		
Major, College, and Elective courses		15
<b>Hours</b>		<b>15</b>
<b>Total Hours</b>		<b>120</b>

## Speech Communication (SPCH), Minor

**Requirements for Students Matriculating in or before Academic Year 2022-2023.** Learn more about University Academic Regulation 3.1 (p. 943).

**Minimum GPA:** 2.00

**Total Hours:** 15

Code	Title	Hours
<b>Required Courses</b>		
SPCH 2713	Introduction to Speech Communication (S)	3
SPCH 3733	Elements of Persuasion (S)	3
SPCH 4793	Nonverbal Communication (S)	3
Select 6 hours of from the following:		6
SPCH 3703	Small Group Communication	
SPCH 3723	Business and Professional Communication	
SPCH 3743	Advanced Public Speaking	
SPCH 4743	Problems of Interpersonal Speech Communication	
SPCH 4753	Intercultural Communication (I)	
PSYC 3033	Psychology of Humor (S)	
PSYC 4163	Psychology of Prejudice and Discrimination (D)	
PSYC 4213	Conflict Resolution (S)	
PSYC 4343	Language Development (S)	
<b>Total Hours</b>		<b>15</b>

## Additional OSU Requirements

### Undergraduate Minors

- An undergraduate minor must include between fifteen and thirty hours, inclusive of undergraduate coursework.
- A minimum of six credit hours for the minor must be earned in residence at OSU.
- The courses required for a minor may be included in the course requirements for any undergraduate degree or they may be in addition to degree requirements, depending on the overlap between the minor and degree requirements. However, an undergraduate minor must be earned in an academic field other than the student's declared degree option. The minor may not duplicate the degree major or option (for example, a student who earns a BA in Art with an Art History option may earn a minor in Studio Art but not Art History).
- A student generally follows the minor requirements associated with his or her matriculation year or newer requirements that have been established since matriculation. The time limit for following requirements from a given academic year is six years.

For additional information on requirements on minors, click here (<https://adminfinance.okstate.edu/site-files/documents/policies/requirements-for-undergraduate-and-graduate-minors.pdf>).

## Religious Studies

Courses in religious studies are a vital part of a liberal arts education. The field involves the objective study of religious belief, literature and practice around the world. Opportunity is given for serious and objective study of these aspects in relation to major religions of past and present cultures. Special attention is given to the historical bases of world religions as well as to their effect upon present-day societies, in both the East and West. Courses are offered in several world religions, biblical studies, religious thought, and religion and culture.

Courses are open to all students without regard to personal views or affiliations. No attempt is made to promote a particular view. Emphasis is placed on the academic study of religion rather than the practice of a particular form of religion. Many of the undergraduate courses enable students to satisfy humanities requirements and also provide an excellent background for many types of graduate and professional programs.

### Courses

#### REL 1103 Introduction to World Religions (HI)

**Description:** Major world religions such as Hinduism, Buddhism, Judaism, Christianity and Islam with a view to understanding the general nature of religion and its various dimensions.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Dean of Arts & Science

**General Education and other Course Attributes:** Humanities, International Dimension

#### REL 2013 The Old Testament and its Study (H)

**Description:** A study of the Old Testament with emphasis upon content, historical background, the history of its study and the critical analysis and interpretation of selected passages. Previously offered as REL 3013.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Dean of Arts & Science

**General Education and other Course Attributes:** Humanities

#### REL 2023 The New Testament and Its Study (H)

**Description:** A study of the writings of the New Testament in their historical contexts and the methods used in their study. Emphasis interpreting selected New Testament passages. Previously offered as REL 3023.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Dean of Arts & Science

**General Education and other Course Attributes:** Humanities

#### REL 2113 Religion in Film (H)

**Description:** This course will examine how religious beliefs, practices, experiences and communities have been portrayed in film. Students will explore how film has used allegory, symbolism and other tropes to represent different religious traditions and their systems of beliefs.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Philosophy

**General Education and other Course Attributes:** Humanities

#### REL 2413 Religion and the Body: Sports, Medicine and Sexuality (H)

**Description:** This course will explore the role of religious beliefs and practices as they relate to sports, medicine and sexuality. Topics will include the cultural influence of religion on sports, religiously-informed debates within the field of medicine, and conceptions of sexuality and gender from the perspective of various Eastern and Western religious traditions. More generally, this course will explore how different world religions view the human body.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Dean of Arts & Science

**General Education and other Course Attributes:** Humanities

#### REL 3113 Asian Religions (HI)

**Description:** This course will examine the diverse histories, beliefs, and practices of major Asian religious traditions: Hinduism, Buddhism, Confucianism, Daoism, Shintoism, Shamanism, and modern-day religions.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Philosophy

**General Education and other Course Attributes:** Humanities, International Dimension

#### REL 3213 Judaism: History, Culture and Beliefs (H)

**Description:** This course will explore the development of Judaism beginning with its roots in Ancient Israelite religion, the early biblical tradition, and moving through Assyrian and Babylonian conquests, Diaspora, Hellenistic occupation, Roman occupation, Byzantium, the Middle Ages, the Holocaust, the establishment of the state of Israel, up to present day.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Philosophy

**General Education and other Course Attributes:** Humanities

#### REL 3223 Jesus: Teachings, History and Interpretation (H)

**Prerequisites:** REL 2023.

**Description:** This course will examine the teaching of Jesus, the historical context of the first century, and how Jesus' life and teachings have been interpreted through history.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Philosophy

**General Education and other Course Attributes:** Humanities



**REL 3243 Paul and the Early Church (H)****Prerequisites:** REL 2023.**Description:** The letters of Paul in their historical context with special emphasis on his theology and ethics.**Credit hours:** 3**Contact hours:** Lecture: 3 Contact: 3**Levels:** Undergraduate**Schedule types:** Lecture**Department/School:** Dean of Arts & Science**General Education and other Course Attributes:** Humanities**REL 3313 Islam: History, Culture and Beliefs (HI)****Description:** This course will examine the history, culture and beliefs of Islam, from its seventh century origins to modern times.**Credit hours:** 3**Contact hours:** Lecture: 3 Contact: 3**Levels:** Undergraduate**Schedule types:** Lecture**Department/School:** Philosophy**General Education and other Course Attributes:** Humanities, International Dimension**REL 3423 Classic Christian Writings (H)****Description:** A study of the primary source material from representative Christian authors scattered throughout two thousand years of church history, focusing on understanding the backgrounds from which the writings emerged, and grasping the writers' key ideas. Course previously offered as REL 4413.**Credit hours:** 3**Contact hours:** Lecture: 3 Contact: 3**Levels:** Undergraduate**Schedule types:** Lecture**Department/School:** Philosophy**General Education and other Course Attributes:** Humanities**REL 3513 Religious Experience (H)****Description:** This course will explore the nature of religious experience and what role it plays within different traditions. Modes of religious experience to be explored range from meditation and prayer to conversion experiences and mystical states of consciousness.**Credit hours:** 3**Contact hours:** Lecture: 3 Contact: 3**Levels:** Undergraduate**Schedule types:** Lecture**Department/School:** Philosophy**General Education and other Course Attributes:** Humanities**REL 3543 Religion, Race and Social Justice (DH)****Description:** This course examines the role of religion in the history and understanding of race, as well as how religion has been leveraged in relation to challenges of social justice.**Credit hours:** 3**Contact hours:** Lecture: 3 Contact: 3**Levels:** Undergraduate**Schedule types:** Lecture**Department/School:** Dean of Arts & Science**General Education and other Course Attributes:** Diversity, Humanities**REL 3573 The Religions of Native Americans (DH)****Prerequisites:** REL 1103.**Description:** Selected tribal worldviews, belief systems and religious ceremonies as depicted in oral traditions, songs, and literature. Emphasis on Northern and Southern Plains Indians.**Credit hours:** 3**Contact hours:** Lecture: 3 Contact: 3**Levels:** Undergraduate**Schedule types:** Lecture**Department/School:** Philosophy**General Education and other Course Attributes:** Diversity, Humanities**REL 3623 Magic, Witchcraft, and the Occult (H)****Description:** This course will examine the historical and cultural contexts that have shaped various portrayals of magic and witchcraft. We will consider how the supernatural worldviews underlying these portrayals related to both more traditional religious worldviews as well as the ways in which representations of the supernatural serve as vehicles for a culture's hopes and fears.**Credit hours:** 3**Contact hours:** Lecture: 3 Contact: 3**Levels:** Undergraduate**Schedule types:** Lecture**Department/School:** Dean of Arts & Science**General Education and other Course Attributes:** Humanities**REL 3713 Religion, Culture and Society****Prerequisites:** REL 1103, ANTH 2353, SOC 1113.**Description:** An introduction to the scientific study of religion. Religious activity in both tribal and technological societies studied in the light of contemporary interpretations of culture and of social behavior. Same course as SOC 3713.**Credit hours:** 3**Contact hours:** Lecture: 3 Contact: 3**Levels:** Undergraduate**Schedule types:** Lecture**Department/School:** Philosophy**REL 4033 American Christianity through the Colonial Period (H)****Description:** A study of the planting, development and spread of Christianity in America, beginning with the European roots and continuing through the colonial period up to c.1800.**Credit hours:** 3**Contact hours:** Lecture: 3 Contact: 3**Levels:** Undergraduate**Schedule types:** Lecture**Department/School:** Dean of Arts & Science**General Education and other Course Attributes:** Humanities**REL 4050 Studies in Religion****Description:** Independent studies, seminars and courses on selected topics in religion. Offered for variable credit, 1-6 credit hours, maximum of 9 credit hours.**Credit hours:** 1-6**Contact hours:** Contact: 1-6 Other: 1-6**Levels:** Undergraduate**Schedule types:** Independent Study**Department/School:** Dean of Arts & Science

**REL 4113 The World of Islam: Cultural Perspectives (HI)**

**Description:** The cultural heritage of the world of Islam explored through its expression in the art, architecture, and literature of the Muslim peoples.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Dean of Arts & Science

**General Education and other Course Attributes:** Humanities, International Dimension

**REL 4213 Understanding Global Islam (HI)**

**Description:** A study of the history of Islam starting from Prophet Muhammad to the spread of the Islamic Empire. How Islam moved from Arabia to the world. Introduction to the Islamic divisions, where they are now, why they are similar and different in terms of laws, schools, countries, literature, sciences, Arabic script, the Shia, the Sunna, and different Islamic countries' practices. Also, debatable issues on Muslim women in American and other countries and why those are different from others.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Dean of Arts & Science

**General Education and other Course Attributes:** Humanities, International Dimension

**REL 4223 Religion and Conflict in the Middle East (HI)**

**Description:** This course will explore the religions of the Middle East, focusing on how they have shaped the region's recent history.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Dean of Arts & Science

**General Education and other Course Attributes:** Humanities, International Dimension

**REL 4330 Seminar in Biblical Studies**

**Prerequisites:** Two courses in Biblical studies.

**Description:** Selected topics in the academic study of the Bible. Offered for fixed credit, 3 credit hours, maximum of 9 credit hours.

**Credit hours:** 3

**Contact hours:** Contact: 3 Other: 3

**Levels:** Undergraduate

**Schedule types:** Independent Study

**Department/School:** Philosophy

**REL 4423 Death and the Afterlife (H)**

**Description:** This course will explore and critically analyze the varying perspectives on death and the afterlife as seen across world religions.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Philosophy

**General Education and other Course Attributes:** Humanities

**REL 4613 Women in the Bible (H)**

**Description:** This course will examine the stories about and portrayals of women in the Bible. We will explore what the biblical authors have to say about women within their cultural contexts and how these portrayals have shaped how women are seen in Western society. By analyzing the portrayals of women in antiquity, the course will also provide conceptual tools to help students examine how gender has been understood in Western society. Same course as GWST 4613.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Dean of Arts & Science

**General Education and other Course Attributes:** Humanities

**REL 4753 Muslim-Christian Relations (H)**

**Description:** Exploration of commonalities and differences between Christianity and Islam, and the history of cooperation and conflict between Muslims and Christians, from Arabia in Muhammad's time to worldwide in the twenty-first century. Themes include mutual understanding and misunderstanding, conversion, rulers and subjects, discrimination, and dialogue. Same course as HIST 4753.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** History

**General Education and other Course Attributes:** Humanities

**REL 4923 Visions of Apocalypse: Portrayals of the End-Time in World Religions (H)**

**Description:** This course will examine the various portrayals of the Apocalypse from many religious and folklore traditions around the world. This course will also explore various contemporary portrayals of the Apocalypse ranging from malevolent emergent artificial intelligence to the zombie virus.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Dean of Arts & Science

**General Education and other Course Attributes:** Humanities

## Minors

- Religious Studies (REL), Minor (p. 1754)

## Faculty

Lawrence Pasternack, Ph.D.—Director of Program and Professor

**Teaching Assistant Professors:** Jin Young Kim, Ph.D.; Matthew Pereira, Ph.D.; Justin Rice, M.A.

**Visiting Assistant Professor:** Glen Fairen, Ph.D.

**Lecturers:** Jessica Doyle, M.A.; Adam Soltani, M.A.

## Religious Studies (REL), Minor

**Requirements for Students Matriculating in or before Academic Year 2022-2023.** Learn more about University Academic Regulation 3.1 (p. 943).

Sarah Mutschelknaus, 101B MUR, 405-744-8197

**Minimum Grade Point Average in Minor Coursework:** 2.50

**Total Hours:** 18

Awarding of the Religious Studies minor is subject to course availability.

Code	Title	Hours
<b>Minor Requirements</b>		
Select 6 hours from the following:		6
REL 1103	Introduction to World Religions (HI)	
REL 2013	The Old Testament and its Study (H)	
REL 2023	The New Testament and Its Study (H)	
REL 2113	Religion in Film (H)	
REL 2413	Religion and the Body: Sports, Medicine and Sexuality (H)	
HIST 2343	Religion in America (DH)	
Select 3 hours upper-division non-Western religion from the following:		3
HIST 3503	Medieval Islamic History (H)	
PHIL 3943	Asian Philosophy (HI)	
PHIL 4943	Indian Philosophy	
PHIL 4953	East Asian Philosophy	
REL 3113	Asian Religions (HI)	
REL 3313	Islam: History, Culture and Beliefs (HI)	
REL 3573	The Religions of Native Americans (DH)	
REL 4113	The World of Islam: Cultural Perspectives (HI)	
REL 4213	Understanding Global Islam (HI)	
REL 4223	Religion and Conflict in the Middle East (HI)	
Select 9 upper-division hours with at least 6 hours of REL coursework and up to 3 hours from the following course options:		9
ART 3603	History of Classical Art (H)	
ART 3623	History of Italian Renaissance Art (H)	
ART 3633	History of Baroque Art (H)	
ART 3673	History of Northern Renaissance Art	
ART 3713	Early Medieval Art: Saints, Martyrs, Pagans (H)	
ART 3723	Court and Cloister: Medieval Art 1050-1400 (H)	
ART 3753	The Arts of Spain and the Spanish World (H)	
ART 4713	The Visual Culture of the Islamic World (HI)	
ENGL 3123	Mythology (H)	
ENGL 3183	Native American Literature (DH)	
ENGL 4200	Studies in Early American Literature	
ENGL 4600	Studies in Chaucer or Milton	
HIST 3013	Ancient Egypt and Israel (H)	
HIST 3043	Ancient Mesopotamia: Iraq, Iran & Syria from 4000-333 B.C. (H)	

HIST 3203	The Medieval World, 500-1500 (H)
HIST 3243	Renaissance, 1350-1517 (H)
HIST 3253	Absolutism and Enlightenment, 1648-1789
HIST 3363	Popular Religion in the West, 1300-1700 (H)
HIST 3483	Reformation Europe, 1517-1648 (H)
HIST 3583	Minorities and Diversity in the Middle East (H)
HIST 3953	Religion in Modern Europe
HIST 4403	Sorcerers, Saints and Heretics: Religion in the Medieval World (H)
PHIL 3523	Medieval Philosophy (H)
PHIL 3613	Philosophy of Religion (H)
PHIL 3933	Creation and Evolution
PHIL 4013	Perspectives on Death and Dying (H)
SOC 3713	Religion, Culture and Society
<b>Total Hours</b>	<b>18</b>

## Additional OSU Requirements

### Undergraduate Minors

- An undergraduate minor must include between fifteen and thirty hours, inclusive of undergraduate coursework.
- A minimum of six credit hours for the minor must be earned in residence at OSU.
- The courses required for a minor may be included in the course requirements for any undergraduate degree or they may be in addition to degree requirements, depending on the overlap between the minor and degree requirements. However, an undergraduate minor must be earned in an academic field other than the student's declared degree option. The minor may not duplicate the degree major or option (for example, a student who earns a BA in Art with an Art History option may earn a minor in Studio Art but not Art History).
- A student generally follows the minor requirements associated with his or her matriculation year or newer requirements that have been established since matriculation. The time limit for following requirements from a given academic year is six years.

For additional information on requirements on minors, click here (<https://adminfinance.okstate.edu/site-files/documents/policies/requirements-for-undergraduate-and-graduate-minors.pdf>).

## Sociology

Sociology is the scientific study of human society and social behavior. Sociologists study a broad array of social phenomena ranging from the dynamics of social interaction to the composition and workings of entire societies.

The diversity of the faculty is reflected in the many different types of undergraduate and graduate courses offered. Topics include environment; criminology and criminal justice; law and society; juvenile delinquency; social problems; social movements; social inequality; social psychology; race and ethnicity; gender; religion; and family. Students gain mastery of knowledge in topical areas as well as in the methods of social research, enabling them to pursue professional positions in a variety of occupational fields. Many undergraduate majors take advantage of the applied research option by selecting supervised work-related internships. Students at the graduate level may pursue the MS or PhD in Sociology.

In addition to a general Sociology degree, the Department of Sociology offers a variety of BA and BS degree options for students hoping to specialize their education. With options in anthropology, applied sociology, criminology and criminal justice, environment and society, and social services, students can tailor their Sociology degree for their future career field. For those students interested in pursuing professional degrees, the Department of Sociology also offers Pre-Med and Pre-Law options.

The general Sociology degree provides students with a strong foundation in sociological theory and methods while also allowing flexibility for interdisciplinary exploration of society and social behavior. Students seeking professional degrees can further specialize their degree with BS options in both Pre-Medical Science and Pre-Law.

The option in Anthropology familiarizes students with the methods and principles of cultural anthropology, archaeology, and biological anthropology. While studying the history of humans and culture, engaging courses and opportunities for hands-on experience prepare students to enter both academic and nonacademic careers.

The option in Applied Sociology enables students to focus their studies and educational experiences in either law, crime, and social justice; environment and society; or social services. It also provides students practical experience for work in a variety of settings.

The option in Criminology and Criminal Justice prepares students for both academic and nonacademic careers related to crime, criminal behavior, law enforcement, the courts, and corrections. A wide variety of course offerings provide students the opportunity to study topics such as the criminal justice system, drugs and drug policy, juvenile delinquency, and gangs and society.

The option in Environment and Society introduces students to the critical relationship among humans, society, and the environment. Course offerings focus on topics such as environmental hazards and disasters, environmental inequality, and technology, preparing students for future careers in environmental law, government, nonprofit, or academics.

The option in Social Services gives students an opportunity to study specific communities, group trends, and public service. With course offerings such as Sociology of Families, Sociology of Health and Illness, and Social Psychology, students are provided a foundation for careers in both public service and academia.

## Courses

### ANTH 1353 Introduction to Anthropology (S)

**Description:** Explores the holistic dimensions of anthropology by introducing the four fields that comprise the discipline: cultural anthropology, linguistics, archaeology, and biological anthropology. Examines the content of each field and their collective contribution to the understanding of humanity.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Sociology

**General Education and other Course Attributes:** Social & Behavioral Sciences

### ANTH 2353 Introduction to Biological Anthropology (N)

**Description:** Introduction to human biological evolution, including genetics, paleoanthropology, primatology, and osteology.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Sociology

**General Education and other Course Attributes:** Natural Sciences

### ANTH 2883 Introduction to Archaeology (S)

**Description:** A general introduction to the methods of study of archaeology. Understanding the development of prehistoric cultures as adaptive responses to changing natural and social environments from early Paleolithic to emergence of urban civilizations.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Sociology

**General Education and other Course Attributes:** Social & Behavioral Sciences

### ANTH 3353 Cultural Anthropology (IS)

**Description:** Introduction to culture, various subdisciplines of cultural anthropology, anthropological concepts, and capsule ethnographies of assorted ethnic groups.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Sociology

**General Education and other Course Attributes:** International Dimension, Social & Behavioral Sciences

### ANTH 3443 Peoples of Mesoamerica (IS)

**Description:** Modern indigenous peoples of Mexico and Central America. Examination of contemporary communities and modern social and cultural practices understood from a historical perspective, leading to an appreciation of regional similarities and diversity.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Sociology

**General Education and other Course Attributes:** International Dimension, Social & Behavioral Sciences

**ANTH 3990 Fieldwork in Anthropology****Prerequisites:** Consent of instructor.**Description:** Instruction through ethnographic or archaeological field techniques by participation in a field program. Topics subject to change from year to year depending upon the type of field program offered or available. Offered for variable credit, 1-8 credit hours, maximum of 8 credit hours.**Credit hours:** 1-8**Contact hours:** Lecture: 1-8 Contact: 1-8**Levels:** Undergraduate**Schedule types:** Lecture**Department/School:** Sociology**ANTH 4123 Archaeology of North America (S)****Description:** Factors influencing the initial peopling of North America, the spread and diversification of hunting and gathering economies, the rise of agricultural systems and emergence of extensive and complex political units.**Credit hours:** 3**Contact hours:** Lecture: 3 Contact: 3**Levels:** Undergraduate**Schedule types:** Lecture**Department/School:** Sociology**General Education and other Course Attributes:** Social & Behavioral Sciences**ANTH 4223 The Aztec Empire (H)****Description:** Society and Culture of the Aztecs of Mesoamerica. Overview of preceding civilizations, analysis of imperial strategies, social organization, religion, and other topics culminating in the Spanish conquest.**Credit hours:** 3**Contact hours:** Lecture: 3 Contact: 3**Levels:** Undergraduate**Schedule types:** Lecture**Department/School:** Sociology**General Education and other Course Attributes:** Humanities**ANTH 4443 Oklahoma Archeology (S)****Description:** Surveys social and cultural development of Native peoples of Oklahoma from Paleoindian hunting adaptations to villagers encountered by early Europeans. Using archaeological investigations examines diversity of social and cultural adaptations to various environments of Oklahoma, including development of complex societies.**Credit hours:** 3**Contact hours:** Lecture: 3 Contact: 3**Levels:** Undergraduate**Schedule types:** Lecture**Department/School:** Sociology**General Education and other Course Attributes:** Social & Behavioral Sciences**ANTH 4883 Comparative Cultures (IS)****Description:** Compares environments, economies, social and political organizations and other aspects of culture among selected literate and preliterate societies.**Credit hours:** 3**Contact hours:** Lecture: 3 Contact: 3**Levels:** Undergraduate**Schedule types:** Lecture**Department/School:** Sociology**General Education and other Course Attributes:** International Dimension, Social & Behavioral Sciences**ANTH 4990 Special Topics in Anthropology****Prerequisites:** Consent of instructor.**Description:** Directed readings or research on significant topics in anthropology. May not be used for degree credit with ANTH 5990. Offered for variable credit, 1-3 credit hours, maximum of 6 credit hours.**Credit hours:** 1-3**Contact hours:** Contact: 1-3 Other: 1-3**Levels:** Undergraduate**Schedule types:** Independent Study**Department/School:** Sociology**ANTH 5243 Globalization and Culture****Prerequisites:** Admission to Graduate College and International Studies.**Description:** Critical assessment of 20th century social scientific theories of development culminating in current theories of globalization. Exploration of capitalism's antecedents, origin, and proliferation. Evaluation of global inequality from a cross-culture perspective. Utility of anthropological theories of culture, ideology and hegemony in assessing local responses to globalization. No credit for students with credit in INTL 5243.**Credit hours:** 3**Contact hours:** Lecture: 3 Contact: 3**Levels:** Graduate**Schedule types:** Lecture**Department/School:** Sociology**ANTH 5990 Advanced Problems and Issues in Anthropology****Prerequisites:** Consent of instructor.**Description:** Directed readings or research on significant topics in anthropology. May not be used for Degree Credit with ANTH 4990. Offered for variable credit, 1-3 credit hours, maximum of 6 credit hours.**Credit hours:** 1-3**Contact hours:** Contact: 1-3 Other: 1-3**Levels:** Graduate**Schedule types:** Independent Study**Department/School:** Sociology**SOC 1113 Introductory Sociology (S)****Description:** Coming to terms with the requirements for living in a complex social world. Sociological concepts used to assist students in understanding the social influences in day-to-day life.**Credit hours:** 3**Contact hours:** Lecture: 3 Contact: 3**Levels:** Undergraduate**Schedule types:** Lecture**Department/School:** Sociology**General Education and other Course Attributes:** Social & Behavioral Sciences**SOC 2113 Introduction to Criminal Justice (S)****Description:** This introductory course provides an overview of the U.S. criminal justice system. Some of the topics covered include police and corrections officers, prosecutors, defense attorneys, and judges.

While a variety of societal responses to adult and juvenile crimes are discussed, this course primarily focuses on the formal responses of law enforcement, the courts, and corrections. Societal goals of punishment are covered as well.

**Credit hours:** 3**Contact hours:** Lecture: 3 Contact: 3**Levels:** Undergraduate**Schedule types:** Lecture**Department/School:** Sociology**General Education and other Course Attributes:** Social & Behavioral Sciences



**SOC 2123 Social Problems (DS)**

**Description:** Exploration in selected social issues in contemporary American society, such as deviance, poverty, sexism, racism and ageism.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Sociology

**General Education and other Course Attributes:** Diversity, Social & Behavioral Sciences

**SOC 2213 Gangs and Society (S)**

**Description:** This course provides an overview of gangs as social phenomena. Gangs of particular interest include youth gangs, urban/rural gangs, street gangs, prison gangs, military gangs, and outlaw motorcycle gangs. The course additionally analyzes how socially-constructed group characteristics (i.e., race, class, gender and ethnicity) relate to gang membership. U.S. street and prison gangs receive extensive coverage. Social alternatives to gangs are discussed as well.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Sociology

**General Education and other Course Attributes:** Social & Behavioral Sciences

**SOC 2243 Drugs and Drug Policy in the United States**

**Description:** This course approaches the study of drugs and drug policy from a sociological perspective. Drawing on key literature, case studies, film and popular media, and class discussions, some of the questions we will answer using this perspective include: Why do individuals use drugs? What sociocultural factors determine how drugs are defined and categorized? What is the history of drug policy in the United States and how has it changed? What responses are effective in controlling drug use and abuse? Why are some substances criminalized and not others? What is the relationship between race and the adoption and enforcement of drug laws? How have drug laws impacted the criminal justice system?

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Sociology

**SOC 2890 Honors Experience in Sociology**

**Prerequisites:** Honors Program participation and concurrent enrollment in a designated SOC course.

**Description:** A supplemental Honors experience in Sociology to partner concurrently with designated Sociology course(s). This course adds a different intellectual dimension to the designated course(s). Offered for fixed credit, 1 credit hour, maximum of 6 credit hours.

**Credit hours:** 1

**Contact hours:** Lecture: 1 Contact: 1

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Sociology

**General Education and other Course Attributes:** Honors Credit

**SOC 3113 Theoretical Thinking in Sociology**

**Prerequisites:** Six credit hours of sociology, including SOC 1113.

**Description:** Sociological theory in three broad areas: the emergence of social theory, the major schools of social theory and the relevance of theory to sociological research.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Sociology

**SOC 3133 Racial and Ethnic Relations (DS)**

**Description:** The historical and sociological dimensions of race and ethnicity in global society and understanding of the controversies and conflicts that race and ethnicity have generated in the global experience. Previously offered as SOC 2133.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Sociology

**General Education and other Course Attributes:** Diversity, Social & Behavioral Sciences

**SOC 3153 Sociology of Sport (S)**

**Description:** Application of sociological principles, theories, and methods to the understanding of sport as a social institution. Topics such as the social organization of sport, relations with other institutions such as education, economy, politics, family and religion, deviance in sport, inequality, gender, and race in sport, and the future of sport are covered.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Sociology

**General Education and other Course Attributes:** Social & Behavioral Sciences

**SOC 3223 Social Psychology (S)**

**Description:** Social basis of personality development and behavior, including symbolic environment, self and group motivation, attitudes and opinions, and social roles.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Sociology

**General Education and other Course Attributes:** Social & Behavioral Sciences

**SOC 3323 Collective Behavior and Social Movements**

**Description:** Analyzes panics, crazes, riots and social movements emphasizing institutional and social psychological origins and consequences.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Sociology



**SOC 3333 Policing and Society (S)**

**Description:** This course explores the social institution of policing. Extensively covered are the relationships between police agencies, agents, and practices and social groups (based on race, class, gender, sexual identity/orientation, age, disability, and other classifications) and policies (e.g., War on Drugs) in the United States. Additional course topics include the roles of police, police patrol, police discretion, police use of force, and community policing.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Sociology

**General Education and other Course Attributes:** Social & Behavioral Sciences

**SOC 3423 Urban Sociology**

**Description:** Urbanization as a worldwide process. The demography and ecology of cities and metropolitan regions. Urban planning and future development.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Sociology

**SOC 3523 Juvenile Delinquency (DS)**

**Description:** Juvenile delinquency behavior in relation to family, school, church, peers, community and institutional structures. The extent of delinquent expressions, varieties of delinquency, comparative international perspectives and new trends of females in delinquency and gang behavior.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Sociology

**General Education and other Course Attributes:** Diversity, Social & Behavioral Sciences

**SOC 3713 Religion, Culture and Society**

**Prerequisites:** Recommended: SOC 1113, ANTH 2353, REL 1103.

**Description:** An introduction to the scientific study of religion. Religious activity in both tribal and technological societies studied in the light of contemporary interpretations of culture and of social behavior. Same course as REL 3713.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Sociology

**SOC 3890 Advanced Honors Experience in Sociology**

**Prerequisites:** Honors Program participation and concurrent enrollment in a designated SOC course.

**Description:** A supplemental Honors experience in Sociology to partner concurrently with designated upper-division SOC course(s). This course adds a different intellectual dimension to the designated course(s). Offered for fixed credit, 1 credit hour, maximum of 6 credit hours.

**Credit hours:** 1

**Contact hours:** Lecture: 1 Contact: 1

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Sociology

**General Education and other Course Attributes:** Honors Credit

**SOC 3953 Applied Sociology**

**Prerequisites:** Sociology majors or consent of instructor or adviser.

**Description:** Application of sociological theory and methods to various job situations. Preparation for field experience in a variety of work settings. Previously offered as SOC 3952.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Sociology

**SOC 3993 Sociology of Aging (DS)**

**Description:** Sociological problems of aging, including the analysis of the behavior of the aged within the framework of social institutions.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Sociology

**General Education and other Course Attributes:** Diversity, Social & Behavioral Sciences

**SOC 4023 Juvenile Corrections and Treatment Strategies**

**Prerequisites:** SOC 3523 or SOC 4333.

**Description:** The juvenile justice system, emphasizing the juvenile court, diversion and youth service bureaus as well as the more traditional training schools and foster homes. Experimental treatment strategies with institutionalized delinquents.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Sociology

**SOC 4033 Comparative Perspectives of Criminal Justice Systems (IS)**

**Description:** Study of criminal justice systems in different nation states and culture context from a different comparative perspective.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Sociology

**General Education and other Course Attributes:** International Dimension, Social & Behavioral Sciences

**SOC 4043 Gender and Work (DS)****Prerequisites:** One upper division course.**Description:** Consideration of unpaid, paid and volunteer work and gender differences. Linkages between economy, work, and family with examples from United States and less developed countries.**Credit hours:** 3**Contact hours:** Lecture: 3 Contact: 3**Levels:** Undergraduate**Schedule types:** Lecture**Department/School:** Sociology**General Education and other Course Attributes:** Diversity, Social & Behavioral Sciences**SOC 4103 The Death Penalty in America (S)****Description:** This course is designed to examine problems and issues related to the death penalty in the United States, including the history of capital punishment, important Supreme Court decisions, how the various jurisdictions (state and federal) deal with capital cases, the comparative costs of incarceration and execution, miscarriages of justice in capital cases and how the criminal justice responds to these issues. Same course as AMST 4103.**Credit hours:** 3**Contact hours:** Lecture: 3 Contact: 3**Levels:** Undergraduate**Schedule types:** Lecture**Department/School:** Sociology**General Education and other Course Attributes:** Social & Behavioral Sciences**SOC 4133 Social Research Methods****Prerequisites:** SOC 1113 and SOC 3113.**Description:** Applying sociological theory to designing quantitative and qualitative research; methods of data collection, processing and analysis; basic skills in computer analysis of social data. Research project included.**Credit hours:** 3**Contact hours:** Lecture: 3 Contact: 3**Levels:** Undergraduate**Schedule types:** Lecture**Department/School:** Sociology**SOC 4153 Sociology of Health and Illness****Description:** Critically analyzes the social production of disease and illness in modern society from a sociological perspective. Examines the social organization of Medicare care, including critical issues affecting healthcare and health insurance in the United States. Focuses on the meanings and experiences of illness, as well as on contemporary critical debates such as environmental and health, bioengineering, and bioethics.**Credit hours:** 3**Contact hours:** Lecture: 3 Contact: 3**Levels:** Undergraduate**Schedule types:** Lecture**Department/School:** Sociology**SOC 4213 Sociology of Sexualities (S)****Prerequisites:** Junior standing or consent of instructor.**Description:** Sociological aspects of sexual behavior, attitudes and belief systems in society.**Credit hours:** 3**Contact hours:** Lecture: 3 Contact: 3**Levels:** Undergraduate**Schedule types:** Lecture**Department/School:** Sociology**General Education and other Course Attributes:** Social & Behavioral Sciences**SOC 4243 Quantitative Methods in Sociology****Prerequisites:** SOC 1113, SOC 3113, SOC 4133.**Description:** Strategies and procedures in the analysis of quantitative sociological data, including the use of statistical computer programs.**Credit hours:** 3**Contact hours:** Lecture: 3 Contact: 3**Levels:** Undergraduate**Schedule types:** Lecture**Department/School:** Sociology**SOC 4313 Sociology of Law****Description:** Law has been studied from different perspectives. In this course, we will focus on issues concerning the relationship between law, legal institution, and society. Issues such as the relationship between law and social change, the origins of law, the integrative function of law, law and social conflict, legal profession, and rationales of punishment and penal policies are explored through classical and contemporary sociological theories. In addition, we will consider the role of law and legal institution in reinforcing and changing social class, gender, and race inequalities.**Credit hours:** 3**Contact hours:** Lecture: 3 Contact: 3**Levels:** Undergraduate**Schedule types:** Lecture**Department/School:** Sociology**SOC 4333 Criminology (S)****Description:** Summary of sociological and psychological research pertaining to crime causation and crime trends. Modern trends in control and treatment.**Credit hours:** 3**Contact hours:** Lecture: 3 Contact: 3**Levels:** Undergraduate**Schedule types:** Lecture**Department/School:** Sociology**General Education and other Course Attributes:** Social & Behavioral Sciences**SOC 4383 Social Stratification (S)****Description:** Systems of class and caste, with special attention to the United States. Status, occupation, income, and other elements in stratification.**Credit hours:** 3**Contact hours:** Lecture: 3 Contact: 3**Levels:** Undergraduate**Schedule types:** Lecture**Department/School:** Sociology**General Education and other Course Attributes:** Social & Behavioral Sciences

**SOC 4433 Environmental Sociology (S)**

**Description:** Critical assessment of the social causes and consequences of problems with resource scarcity and environmental degradation. Environmental problems viewed as social problems, requiring an understanding of the structural conditions producing environmental problems and inhibiting resolutions.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Sociology

**General Education and other Course Attributes:** Social & Behavioral Sciences

**SOC 4453 Environmental Inequality (S)**

**Prerequisites:** SOC 1113.

**Description:** Considers the connection between environmental problems and race/ethnicity and class inequality. Focuses on environmental justice/equity, social movements, health, policy and risk at the local, national and global levels.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Sociology

**General Education and other Course Attributes:** Social & Behavioral Sciences

**SOC 4463 Technology and Society**

**Description:** Exploration of various aspects of the relationship between society and technology. Analysis of arguments about the role of technology in society. Examination of the social contexts within which technology is created and discussion of the mechanisms and processes through which technology is embraced or discarded, such as peer review, politics, religion, and legal frameworks.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Sociology

**SOC 4473 Oklahoma Environmental Sociology**

**Description:** Critical assessment of the social causes and consequences of environmental problems in Oklahoma, both historical and contemporary. Examines the Land Run, the Dust Bowl, the Oil Boom, land ownership and use patterns.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Sociology

**SOC 4493 Sociology of Environmental Hazards and Disasters**

**Prerequisites:** SOC 3113 or instructor permission.

**Description:** Explores societal dimensions of environmental hazards and disasters, emphasizing disaster theory and research, key issues in the sociological study of environmental hazards and disasters, such as social impacts, social vulnerability, and community development and resilience.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Sociology

**SOC 4533 World Population Problems**

**Description:** Fertility, mortality and migration, and other factors related to population size, density, and composition; the population explosion, worldwide famine, birth control, and other serious social issues.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Sociology

**SOC 4573 Victimology**

**Description:** This course combines various academic disciplines to introduce the field of Victimology. The course represents an overview of the Victimology field; courts, victim services, victimization, and personnel issues. Students use the on-line and reading material to build a framework for understanding the wide field of Victimology together with victim issues and career opportunities. Same course as PSYC 4573.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Sociology

**SOC 4643 Sociology of Gender (S)**

**Description:** Explores the social organization of gender from diverse theoretical and empirical perspectives using a global experience.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Sociology

**General Education and other Course Attributes:** Social & Behavioral Sciences

**SOC 4653 Gender and the Middle East (IS)**

**Description:** An overview of gender-related issues in the Middle East and North African countries is provided to bridge cultures and build understanding. Specific attention is given to issues of women and how they are connected to changes in culture, economics, politics and society. May not be used for degree credit with SOC 5653.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Sociology

**General Education and other Course Attributes:** International Dimension, Social & Behavioral Sciences

**SOC 4663 Undergraduate Capstone Seminar in Sociology**

**Prerequisites:** Majors; senior standing; SOC 3113, SOC 4133, SOC 4243.

**Description:** Concluding course for Sociology majors. Application of the skills, knowledge and expertise acquired in Sociology, including critical thinking, writing, theory and methods.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Sociology

**SOC 4723 Sociology of Families (S)**

**Description:** The family as a social institution and relationship between family and other institutional structures and systems, including work and the economy, education, government and law, health care, and the media. Previously offered as SOC 3723.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Sociology

**General Education and other Course Attributes:** Social & Behavioral Sciences

**SOC 4733 Criminal Behavior Analysis**

**Prerequisites:** SOC 3523 or SOC 4333.

**Description:** This course combines various academic disciplines toward a behavioral examination of the violent criminal offender. By examining the crime scene from a behavioral perspective, the psychodynamics of the offender, the sociological forces, and the social psychological dimensions of victim-offender interactions are combined for a more holistic understanding of the violent offender.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Sociology

**SOC 4743 Criminalistics: Introduction to Forensic Sciences**

**Prerequisites:** SOC 3523 or SOC 4333.

**Description:** Criminalistics or forensic sciences involve the application of physical and behavioral sciences to social order or more specifically, the relationship between science and law. This course introduces the student to the various aspects of forensic examinations of violent criminal behavior. By examining modern techniques of crime scene analysis, the student learns how theory and technological development impact our social concepts of law and justice.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Sociology

**SOC 4753 Advanced Forensics**

**Prerequisites:** SOC 3523 or SOC 4333 and SOC 4743.

**Description:** Forensic sciences involve the application of physical and behavioral sciences to social order and law. This course advances students' understanding of examinations of violent criminal behavior. Students gain awareness of the interdependent relationships of various physical and social science disciplines and how these issues are operationalized at an actual crime scene.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Sociology

**SOC 4850 Internship in Sociology**

**Prerequisites:** SOC 3953, completion of 12 hours of sociology, or consent of internship coordinator.

**Description:** Field experience in a variety of work settings. Offered for variable credit, 1-4 credit hours, maximum of 4 credit hours.

**Credit hours:** 1-4

**Contact hours:** Contact: 1-4 Other: 1-4

**Levels:** Undergraduate

**Schedule types:** Independent Study

**Department/School:** Sociology

**SOC 4923 Sociology of Punishment (S)**

**Description:** An overview of punishment across time and place. Topics surveyed include theories of punishment; formal and informal social control; and corrections, including its consequences and alternatives. Special topics may be examined when time permits.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Sociology

**General Education and other Course Attributes:** Social & Behavioral Sciences

**SOC 4950 Current Topics in Sociology**

**Description:** Special topics in sociology; topics vary from semester to semester. Offered for variable credit, 1-12 credit hours, maximum of 12 credit hours.

**Credit hours:** 1-12

**Contact hours:** Lecture: 1-12 Contact: 1-12

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Sociology

**SOC 4990 Exploration of Sociological Issues**

**Prerequisites:** Consent of instructor.

**Description:** Examines sociologically significant topics and issues. May not be used for degree credit with SOC 5990. Offered for variable credit, 1-3 credit hours, maximum of 6 credit hours.

**Credit hours:** 1-3

**Contact hours:** Contact: 1-3 Other: 1-3

**Levels:** Undergraduate

**Schedule types:** Independent Study

**Department/School:** Sociology

**SOC 4993 Senior Honors Thesis**

**Prerequisites:** Departmental invitation, senior standing, Honors Program participation.

**Description:** A guided reading and research program ending with an honors thesis under the direction of a senior faculty member, with second faculty reader and oral examination. Required for graduation with departmental honors in sociology.

**Credit hours:** 3

**Contact hours:** Contact: 3 Other: 3

**Levels:** Undergraduate

**Schedule types:** Independent Study

**Department/School:** Sociology

**General Education and other Course Attributes:** Honors Credit

**SOC 5000 Thesis in Sociology**

**Description:** Offered for variable credit, 1-6 credit hours, maximum of 6 credit hours.

**Credit hours:** 1-6

**Contact hours:** Contact: 1-6 Other: 1-6

**Levels:** Graduate

**Schedule types:** Independent Study

**Department/School:** Sociology

**SOC 5001 Graduate Proseminar**

**Prerequisites:** Admission to Sociology graduate program.

**Description:** Introduction and orientation to the graduate program in the Department of Sociology.

**Credit hours:** 1

**Contact hours:** Lecture: 1 Contact: 1

**Levels:** Graduate

**Schedule types:** Lecture

**Department/School:** Sociology

**SOC 5013 Creative Component in Sociology**

**Description:** A guided course serving as the final requirement for graduate students in the Department of Sociology's Master of Science degree, non-thesis option.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Graduate

**Schedule types:** Lecture

**Department/School:** Sociology

**SOC 5063 Seminar in Social Inequality and Stratification**

**Prerequisites:** Graduate standing.

**Description:** Provides comprehensive overview and analysis of theories and research in social inequality and social stratification. Includes: study of classical and contemporary theories, development of research in the field, dynamics of inequalities and current and future perspectives.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Graduate

**Schedule types:** Lecture

**Department/School:** Sociology

**SOC 5113 Classical Sociological Theory**

**Prerequisites:** SOC 3113 or equivalent.

**Description:** Major trends in sociological thought. The emergence of sociological theory in Europe and America.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Graduate

**Schedule types:** Lecture

**Department/School:** Sociology

**SOC 5123 Contemporary Sociological Theory**

**Prerequisites:** SOC 3113 or equivalent.

**Description:** Critical examination of significant theoretical formulations, 1920 to the present. Relation between theoretical development and current research emphasis.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Graduate

**Schedule types:** Lecture

**Department/School:** Sociology

**SOC 5213 Techniques of Population Analysis**

**Prerequisites:** Graduate standing.

**Description:** Examination of primary techniques and statistics employed in studies of population characteristics. Examination of sources of demographic data, methods employed in the collection and analysis of data on population characteristics, composition and change.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Graduate

**Schedule types:** Lecture

**Department/School:** Sociology

**SOC 5223 Culture, History and World Systems**

**Prerequisites:** Admission to Graduate College and international studies program.

**Description:** The modern world system and its new social formations resulting from increasing globalization. Examination of cultural, socio-economic, and political changes in developed and developing societies. Modern societies, their historical developments, the cultural politics of difference, and the re-emergence of ethnic groups worldwide. Existing theoretical models of change for profit and non-profit organizations. Same course as INTL 5223.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Graduate

**Schedule types:** Lecture

**Department/School:** Sociology

**SOC 5243 Social Research Design**

**Prerequisites:** SOC 3113; SOC 4133 or equivalent; graduate standing.

**Description:** Techniques in design, data collection, and interpretation of data for sociological research.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Graduate

**Schedule types:** Lecture

**Department/School:** Sociology

**SOC 5263 Quantitative Analysis of Social Research**

**Prerequisites:** SOC 3133; SOC 4133 or equivalent; graduate standing.

**Description:** Advanced techniques in sociological research and data analysis focusing on the formulation of substantive research questions and application of a variety of research procedures to answer such questions.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Graduate

**Schedule types:** Lecture

**Department/School:** Sociology

**SOC 5273 Qualitative Research Methods**

**Description:** Examination of ethnographic studies and implementation issues connected with qualitative research. Research project required.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Graduate

**Schedule types:** Lecture

**Department/School:** Sociology



**SOC 5283 Advanced Qualitative Sociological Research****Prerequisites:** SOC 5273 or consent of instructor.**Description:** Intensive examination of advanced qualitative research in sociology. Requires students to design and implement their own qualitative sociological research projects under the guidance of the instructor.**Credit hours:** 3**Contact hours:** Lecture: 3 Contact: 3**Levels:** Graduate**Schedule types:** Lecture**Department/School:** Sociology**SOC 5323 Seminar on Collective Behavior and Social Movements****Prerequisites:** Graduate standing.**Description:** Examination of major theoretical and empirical approaches employed in the study of social movements. Exploration of problems on the nature and current theories of social movements including individual versus group approaches. Grassroots resistance, community organizing, political conflicts, and revolutions.**Credit hours:** 3**Contact hours:** Lecture: 3 Contact: 3**Levels:** Graduate**Schedule types:** Lecture**Department/School:** Sociology**SOC 5333 Global Population and Social Problems****Prerequisites:** Graduate standing.**Description:** Study in world, regional and national population characteristics, changes and associated problems and cultural influences.**Credit hours:** 3**Contact hours:** Lecture: 3 Contact: 3**Levels:** Graduate**Schedule types:** Lecture**Department/School:** Sociology**SOC 5343 Sociology of Law and Punishment****Description:** Advanced study in the sociology of law and punishment. Focus on both classical and contemporary sociological and legal research. An interdisciplinary and comparative approach is also emphasized.**Credit hours:** 3**Contact hours:** Lecture: 3 Contact: 3**Levels:** Graduate**Schedule types:** Lecture**Department/School:** Sociology**SOC 5463 Seminar in Environmental Sociology****Description:** Critical overview of contemporary developments in environmental sociology. Environment concern, disasters, health issues, risk assessment, and environmental conflict.**Credit hours:** 3**Contact hours:** Lecture: 3 Contact: 3**Levels:** Graduate**Schedule types:** Lecture**Department/School:** Sociology**SOC 5473 Seminar on the Contemporary Environmental Movement****Description:** Critical overview of contemporary theory and research on the environmental movement. Analysis of crucial movements dynamics, including historical development, central organizing themes, strategies and tactics, and movement activities, environmental health movements, and transnational movement campaigns.**Credit hours:** 3**Contact hours:** Lecture: 3 Contact: 3**Levels:** Graduate**Schedule types:** Lecture**Department/School:** Sociology**SOC 5493 Seminar in Environmental Justice****Description:** Considers racial, class and equity implications of environmental degradation and regulation. Includes discussion of controversies over the siting of hazardous facilities in urban and rural areas, the extraction of resources from native lands, national and transnational export of toxic waste to the South and the development of a distinct environmental justice movement.**Credit hours:** 3**Contact hours:** Lecture: 3 Contact: 3**Levels:** Graduate**Schedule types:** Lecture**Department/School:** Sociology**SOC 5553 Seminar in Medical Sociology****Description:** Advanced study in the sociology of medicine, including the doctor-patient relationship, the social meanings of health and illness, epidemiology, health care delivery, and the medicalization of American society. Analysis of the sociology of organic illness and mental illness using readings from both classical and contemporary sources.**Credit hours:** 3**Contact hours:** Lecture: 3 Contact: 3**Levels:** Graduate**Schedule types:** Lecture**Department/School:** Sociology**SOC 5573 Seminar on Victimology****Description:** Critical overview of contemporary theory and research on victimology. Relationships between victim and offenders, social institutions such as media, police, business, advocacy groups, and various social movements.**Credit hours:** 3**Contact hours:** Lecture: 3 Contact: 3**Levels:** Graduate**Schedule types:** Lecture**Department/School:** Sociology**SOC 5583 Comparative Criminal Justice Systems****Description:** Examines crime and criminal justice in a global world. Compares the current major legal traditions with the U.S. criminal justice system.**Credit hours:** 3**Contact hours:** Lecture: 3 Contact: 3**Levels:** Graduate**Schedule types:** Lecture**Department/School:** Sociology



**SOC 5593 Seminar on Organization and Administration in Law Enforcement and Society**

**Description:** Critical overview of contemporary theory and research on administration in law enforcement and society.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Graduate

**Schedule types:** Lecture

**Department/School:** Sociology

**SOC 5643 Gender and Society**

**Prerequisites:** Graduate standing.

**Description:** This course provides an overview of current theoretical and empirical research in the sociology of gender. Topics include (1) how best to theorize, conceptualize, and analyze gender; (2) how gender is socially constructed and enacted in individuals' lives; (3) how gender intersects with other identities (e.g., race, social class, sexuality) to shape our experiences and life chances; and, (4) how gender is embedded within institutional processes.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Graduate

**Schedule types:** Lecture

**Department/School:** Sociology

**SOC 5653 Gender and the Middle East**

**Description:** An overview of gender-related issues in the Middle East and North African countries is provided to bridge cultures and build understanding. Specific attention is given to issues of women and how they are connected to changes in contemporary culture, economics, politics, and society. May not be used for degree credit with SOC 4653.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Graduate

**Schedule types:** Lecture

**Department/School:** Sociology

**SOC 5663 Seminar in Race and Ethnicity**

**Prerequisites:** Graduate standing.

**Description:** Analysis of the dynamics of intercultural and intergroup relations in America with special emphasis on the examination of major conceptual perspectives that have characterized the study of race and ethnicity in American life.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Graduate

**Schedule types:** Lecture

**Department/School:** Sociology

**SOC 5763 Contemporary Organizational Theory**

**Prerequisites:** Graduate standing.

**Description:** Advanced study of contemporary theories used to explain, predict and understand organizations. Behavior of populations of organizations.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Graduate

**Schedule types:** Lecture

**Department/School:** Sociology

**SOC 5793 Seminar on Organizational Deviance**

**Description:** Overview of contemporary theory and research on organizational deviance. Defining acceptable risk. Organizational structures, processes, and standard operating procedures that produce mistake, misconduct and disaster.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Graduate

**Schedule types:** Lecture

**Department/School:** Sociology

**SOC 5813 Myths and Realities of Organizational Change**

**Prerequisites:** Graduate standing.

**Description:** A critical examination of the various theories and models that address change and improvement processes in complex organizations. Theoretical and methodological validity of assumptions underlying such organizational theories and models.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Graduate

**Schedule types:** Lecture

**Department/School:** Sociology

**SOC 5950 Seminar in Sociology**

**Prerequisites:** Graduate standing.

**Description:** Special seminar; topics vary from semester to semester. Offered for variable credit, 1-3 credit hours, maximum of 25 credit hours.

**Credit hours:** 1-3

**Contact hours:** Lecture: 1-3 Contact: 1-3

**Levels:** Graduate

**Schedule types:** Lecture

**Department/School:** Sociology

**SOC 5980 Internship**

**Description:** Supervised field placement. Offered for variable credit, 1-6 credit hours, maximum of 6 credit hours.

**Credit hours:** 1-6

**Contact hours:** Contact: 1-6 Other: 1-6

**Levels:** Graduate

**Schedule types:** Independent Study

**Department/School:** Sociology

**SOC 5990 Advanced Problems and Issues in Sociology**

**Prerequisites:** Consent of instructor.

**Description:** Group enrollment or individual research enrollment as needed. Graduate level analysis of special problems and issues in sociology not covered in other department offerings. May not be used for degree credit with SOC 4990. Offered for variable credit, 1-9 credit hours, maximum of 9 credit hours.

**Credit hours:** 1-9

**Contact hours:** Contact: 1-9 Other: 1-9

**Levels:** Graduate

**Schedule types:** Independent Study

**Department/School:** Sociology

**SOC 6000 Dissertation**

**Description:** Offered for variable credit, 1-12 credit hours, maximum of 18 credit hours.

**Credit hours:** 1-12

**Contact hours:** Contact: 1-12 Other: 1-12

**Levels:** Graduate

**Schedule types:** Independent Study

**Department/School:** Sociology

**SOC 6213 Theory of Social Structure**

**Prerequisites:** Six hours of undergraduate sociology or equivalent.  
**Description:** Relationship between human thought and the social context within which it arises.  
**Credit hours:** 3  
**Contact hours:** Lecture: 3 Contact: 3  
**Levels:** Graduate  
**Schedule types:** Lecture  
**Department/School:** Sociology

**SOC 6390 Seminar in the Family, Marriage and Male-Female Roles in American Sociology**

**Description:** Analysis of published research in sociology of family, marriage and male-female roles and relationships with special emphasis on American society. Offered for variable credit, 2-3 credit hours, maximum of 6 credit hours.  
**Credit hours:** 2-3  
**Contact hours:** Contact: 2-3 Other: 2-3  
**Levels:** Graduate  
**Schedule types:** Independent Study  
**Department/School:** Sociology

**SOC 6460 Advanced Studies in Environmental Sociology**

**Prerequisites:** SOC 5463 or consent of instructor.  
**Description:** Intensive examination of selected topics in environmental sociology. Offered for variable credit, 1-6 credit hours, maximum of 6 credit hours.  
**Credit hours:** 1-6  
**Contact hours:** Contact: 1-6 Other: 1-6  
**Levels:** Graduate  
**Schedule types:** Independent Study  
**Department/School:** Sociology

**SOC 6463 International Issues in Environmental Sociology**

**Prerequisites:** Graduate standing.  
**Description:** Advanced study of the international context of environmental issues.  
**Credit hours:** 3  
**Contact hours:** Lecture: 3 Contact: 3  
**Levels:** Graduate  
**Schedule types:** Lecture  
**Department/School:** Sociology

**SOC 6493 Sociology of Disaster**

**Description:** Critical examination of contemporary theory and research on the social aspects of disasters. Social system response to large-scale crises. Vulnerability, warnings, preparedness, recovery, mitigation, and sustainability.  
**Credit hours:** 3  
**Contact hours:** Lecture: 3 Contact: 3  
**Levels:** Graduate  
**Schedule types:** Lecture  
**Department/School:** Sociology

**SOC 6653 Seminar in Social Psychology**

**Description:** Development and critical analysis of theory and research in social psychology.  
**Credit hours:** 3  
**Contact hours:** Lecture: 3 Contact: 3  
**Levels:** Graduate  
**Schedule types:** Lecture  
**Department/School:** Sociology

**SOC 6753 Seminar in Deviance and Criminology**

**Description:** Current research and theory in criminology, penology and deviance in modern society. Previously offered as SOC 6750.  
**Credit hours:** 3  
**Contact hours:** Lecture: 3 Contact: 3  
**Levels:** Graduate  
**Schedule types:** Lecture  
**Department/School:** Sociology

**SOC 6763 Seminar in Theory of Criminal Behavior Analysis**

**Description:** Critical overview of contemporary theory and research on criminal behavioral analysis.  
**Credit hours:** 3  
**Contact hours:** Lecture: 3 Contact: 3  
**Levels:** Graduate  
**Schedule types:** Lecture  
**Department/School:** Sociology

**SOC 6853 Seminar in Symbolic Interactionism**

**Description:** Symbolic interactionism, a major contemporary school of thought in sociology and psychology, emerging from philosophical pragmatism with special emphasis on the thoughts of George H. Mead and its derivatives including dramaturgy, existential social psychology, and phenomenological.  
**Credit hours:** 3  
**Contact hours:** Lecture: 3 Contact: 3  
**Levels:** Graduate  
**Schedule types:** Lecture  
**Department/School:** Sociology

**SOC 6950 Seminar in Social Gerontology**

**Description:** A theoretical and practical examination of the sociological implications, both individual and societal, of an aging population. Offered for variable credit, 2-3 credit hours, maximum of 6 credit hours.  
**Credit hours:** 2-3  
**Contact hours:** Contact: 2-3 Other: 2-3  
**Levels:** Graduate  
**Schedule types:** Independent Study  
**Department/School:** Sociology

## Undergraduate Programs

- Sociology, BA (p. 1771)
- Sociology, BS (p. 1774)
- Sociology: Anthropology, BA (p. 1777)
- Sociology: Anthropology, BS (p. 1780)
- Sociology: Applied Sociology, BA (p. 1783)
- Sociology: Applied Sociology, BS (p. 1786)
- Sociology: Criminology and Criminal Justice, BA (p. 1789)
- Sociology: Criminology and Criminal Justice, BS (p. 1792)
- Sociology: Environment and Society, BA (p. 1795)
- Sociology: Environment and Society, BS (p. 1798)
- Sociology: Pre-Law, BS (p. 1801)
- Sociology: Pre-Medical Science, BS (p. 1804)
- Sociology: Social Services, BA (p. 1807)
- Sociology: Social Services, BS (p. 1810)

## Graduate Programs

The Department of Sociology offers the Master of Science degree with thesis or non-thesis (terminal degree) options, and the Doctor of Philosophy degree. Programs are designed to prepare students for

appointments to the faculty of colleges and universities, to work in private industry and social service agencies, and to be employed in research positions in business and/or government. The Department offers concentrations in Criminology and Deviance, Environmental Sociology, Social Inequality, Social Movements, and Social Psychology. Excellent training and research opportunities are provided for students in quantitative and qualitative social science research methods and theory, further enhancing opportunities in a wide array of career fields.

## Degree Requirements

The MS in sociology thesis option requires a minimum of 31 hours of coursework. The MS in sociology non-thesis option requires 32 hours of coursework. For students pursuing the PhD, a minimum of 90 semester credit hours beyond the baccalaureate, or 60 hours beyond the master's degree, is required. Each PhD student is required to take six hours of sociological theory, and 15 hours of research methods/statistics. Detailed information on each program is available on the Departmental website.

## Minors

- Anthropology (ANTH), Minor (p. 1767)
- Criminology and Criminal Justice (CRCJ), Minor (p. 1768)
- Social Justice (SOJU), Minor (p. 1769)
- Sociology (SOC), Minor (p. 1770)

## Faculty

Tamara Mix PhD—Dresser Professor and Department Head

**Regents Professors:** Riley Dunlap, PhD (emeritus); Duane Gill, PhD (emeritus); Ken Kiser, PhD (emeritus); David Knottnerus, PhD (emeritus)

**Professors:** Andrew Fullerton, PhD; Bin Liang, PhD; Mike Long, PhD; Tamara Mix, PhD; Jean Van Delinder, PhD

**Associate Professors:** Jonathan Coley, PhD; Heather McLaughlin, PhD; Stephen Perkins, PhD; Rachel Schmitz, PhD; Kelley Sittner, PhD; Monica Whitham, PhD

**Assistant Professors:** Katie Constantin, PhD; Jared Fitzgerald, PhD; Chad Malone, PhD; Corinne Schwarz, PhD

## Anthropology (ANTH), Minor

**Requirements for Students Matriculating in or before Academic Year 2022-2023.** Learn more about University Academic Regulation 3.1 (p. 943).

427 Social Sciences and Humanities, 405-744-6114

**Minimum Grade Point Average in Minor Coursework:** Minimum GPA 2.50 in minor and minimum grade of "C."

**Total Hours:** 18

Code	Title	Hours
<b>Minor Requirements</b>		
ANTH 2353	Introduction to Biological Anthropology (N)	3
ANTH 3353	Cultural Anthropology (IS)	3
Select 3 hours of any level ANTH		3
Select 9 hours upper-division ANTH		9
<b>Total Hours</b>		<b>18</b>

### Additional OSU Requirements Undergraduate Minors

- An undergraduate minor must include between fifteen and thirty hours, inclusive of undergraduate coursework.
- A minimum of six credit hours for the minor must be earned in residence at OSU.
- The courses required for a minor may be included in the course requirements for any undergraduate degree or they may be in addition to degree requirements, depending on the overlap between the minor and degree requirements. However, an undergraduate minor must be earned in an academic field other than the student's declared degree option. The minor may not duplicate the degree major or option (for example, a student who earns a BA in Art with an Art History option may earn a minor in Studio Art but not Art History).
- A student generally follows the minor requirements associated with his or her matriculation year or newer requirements that have been established since matriculation. The time limit for following requirements from a given academic year is six years.

For additional information on requirements on minors, click here (<https://adminfinance.okstate.edu/site-files/documents/policies/requirements-for-undergraduate-and-graduate-minors.pdf>).

## Criminology and Criminal Justice (CRCJ), Minor

**Requirements for Students Matriculating in or before Academic Year 2022-2023.** Learn more about University Academic Regulation 3.1 (p. 943).

**Minimum grade and/or GPA:** 2.50

**Total Hours:** 18

Code	Title	Hours
<b>Course Requirements</b>		
SOC 1113	Introductory Sociology (S)	3
SOC 3113	Theoretical Thinking in Sociology	3
SOC 2113 or SOC 2213	Introduction to Criminal Justice (S) Gangs and Society (S)	3
Select nine hours from the following:		9
SOC 3333	Policing and Society (S)	
SOC 3523	Juvenile Delinquency (DS)	
SOC 4033	Comparative Perspectives of Criminal Justice Systems (IS)	
SOC 4103	The Death Penalty in America (S)	
SOC 4313	Sociology of Law	
SOC 4333	Criminology (S)	
SOC 4923	Sociology of Punishment (S)	
<b>Total Hours</b>		<b>18</b>

## Additional OSU Requirements

### Undergraduate Minors

- An undergraduate minor must include between fifteen and thirty hours, inclusive of undergraduate coursework.
- A minimum of six credit hours for the minor must be earned in residence at OSU.
- The courses required for a minor may be included in the course requirements for any undergraduate degree or they may be in addition to degree requirements, depending on the overlap between the minor and degree requirements. However, an undergraduate minor must be earned in an academic field other than the student's declared degree option. The minor may not duplicate the degree major or option (for example, a student who earns a BA in Art with an Art History option may earn a minor in Studio Art but not Art History).
- A student generally follows the minor requirements associated with his or her matriculation year or newer requirements that have been established since matriculation. The time limit for following requirements from a given academic year is six years.

For additional information on requirements on minors, click here (<https://adminfinance.okstate.edu/site-files/documents/policies/requirements-for-undergraduate-and-graduate-minors.pdf>).

## Social Justice (SOJU), Minor

**Requirements for Students Matriculating in or before Academic Year 2022-2023.** Learn more about University Academic Regulation 3.1 (p. 943).

**Minimum grade and/or GPA:** 2.50 GPA

**Total Hours:** 18

Code	Title	Hours
<b>Course Requirements</b>		
SOC 1113	Introductory Sociology (S)	3
SOC 2123	Social Problems (DS)	3
SOC 3113	Theoretical Thinking in Sociology	3
Select nine hours of the following:		9
POLS 2313	Social Justice Politics (D)	
SOC 3133	Racial and Ethnic Relations (DS)	
SOC 3323	Collective Behavior and Social Movements	
SOC 3993	Sociology of Aging (DS)	
SOC 4153	Sociology of Health and Illness	
SOC 4213	Sociology of Sexualities (S)	
SOC 4383	Social Stratification (S)	
SOC 4453	Environmental Inequality (S)	
SOC 4643	Sociology of Gender (S)	
SOC 4723	Sociology of Families (S)	
<b>Total Hours</b>		<b>18</b>

## Additional OSU Requirements

### Undergraduate Minors

- An undergraduate minor must include between fifteen and thirty hours, inclusive of undergraduate coursework.
- A minimum of six credit hours for the minor must be earned in residence at OSU.
- The courses required for a minor may be included in the course requirements for any undergraduate degree or they may be in addition to degree requirements, depending on the overlap between the minor and degree requirements. However, an undergraduate minor must be earned in an academic field other than the student's declared degree option. The minor may not duplicate the degree major or option (for example, a student who earns a BA in Art with an Art History option may earn a minor in Studio Art but not Art History).
- A student generally follows the minor requirements associated with his or her matriculation year or newer requirements that have been established since matriculation. The time limit for following requirements from a given academic year is six years.

For additional information on requirements on minors, click here (<https://adminfinance.okstate.edu/site-files/documents/policies/requirements-for-undergraduate-and-graduate-minors.pdf>).



## Sociology (SOC), Minor

**Requirements for Students Matriculating in or before Academic Year 2022-2023.** Learn more about University Academic Regulation 3.1 (p. 943).

427 Social Sciences and Humanities, 405-744-6114

**Minimum Grade Point Average in Minor Coursework:** Minimum GPA 2.50 in minor with minimum grade of "C."

**Total Hours:** 18

Code	Title	Hours
<b>Minor Requirements</b>		
SOC 1113	Introductory Sociology (S)	3
SOC 3113	Theoretical Thinking in Sociology	3
Select 3 hours of any level SOC		3
Select 9 hours of upper-division SOC		9
<b>Total Hours</b>		<b>18</b>

## Additional OSU Requirements Undergraduate Minors

- An undergraduate minor must include between fifteen and thirty hours, inclusive of undergraduate coursework.
- A minimum of six credit hours for the minor must be earned in residence at OSU.
- The courses required for a minor may be included in the course requirements for any undergraduate degree or they may be in addition to degree requirements, depending on the overlap between the minor and degree requirements. However, an undergraduate minor must be earned in an academic field other than the student's declared degree option. The minor may not duplicate the degree major or option (for example, a student who earns a BA in Art with an Art History option may earn a minor in Studio Art but not Art History).
- A student generally follows the minor requirements associated with his or her matriculation year or newer requirements that have been established since matriculation. The time limit for following requirements from a given academic year is six years.

For additional information on requirements on minors, click here (<https://adminfinance.okstate.edu/site-files/documents/policies/requirements-for-undergraduate-and-graduate-minors.pdf>).

## Sociology, BA

### Degree Requirements

**Requirements for Students Matriculating in or before Academic Year 2022-2023.** Learn more about University Academic Regulation 3.1 (p. 943).

**Minimum Overall Grade Point Average:** 2.00

**Total Hours:** 120

Code	Title	Hours
<b>General Education Requirements</b>		
<i>English Composition</i>		
See Academic Regulation 3.5 (p. 944)		
ENGL 1113 or ENGL 1313	Composition I Critical Analysis and Writing I	3
ENGL 1213 or ENGL 1413 or ENGL 3323	Composition II Critical Analysis and Writing II Technical Writing	3
<i>American History &amp; Government</i>		
HIST 1103 or HIST 1483 or HIST 1493	Survey of American History American History to 1865 (H) American History Since 1865 (DH)	3
POLS 1113	American Government	3
<i>Analytical &amp; Quantitative Thought (A)</i>		
STAT 2013 or STAT 2053	Elementary Statistics (A) Elementary Statistics for the Social Sciences (A)	3
<i>Humanities (H)</i>		
Courses designated (H)		6
<i>Natural Sciences (N)</i>		
Must include one Laboratory Science (L) course		
Courses designated (N)		6
<i>Social &amp; Behavioral Sciences (S)</i>		
Course designated (S)		3
<i>Additional General Education</i>		
Courses designated (A), (H), (N), or (S)		10
<b>Hours Subtotal</b>		<b>40</b>
<b>Diversity (D) &amp; International Dimension (I)</b>		
May be completed in any part of the degree plan		
Select at least one Diversity (D) course		
Select at least one International Dimension (I) course		
<b>College/Departmental Requirements</b>		
<i>First Year Seminar</i>		
(Transfer students with 15 hours exempt)		1
<i>Arts &amp; Humanities</i>		
See note 2.a.		9
<i>Natural &amp; Mathematical Sciences</i>		
See note 2.b.		3
<i>Foreign Language</i>		
See note 3		9
<i>Non-Western Studies</i>		
At least one course		
See note 2.d.		

#### Upper-Division General Education

Select 6 hours outside major department

See note 2.c.

**Hours Subtotal** 22

#### Major Requirements

Minimum major GPA 2.50 in major block.

Minimum GPA in all SOC/ANTH courses 2.50 with a minimum grade of "C" in all SOC/ANTH courses.

Minimum 30 hours of courses with SOC/ANTH prefix.

#### Core Requirements

SOC 1113 Introductory Sociology (S) 3

SOC 2123 Social Problems (DS) 3

or ANTH 3353 Cultural Anthropology (IS)

SOC 3113 Theoretical Thinking in Sociology 3

SOC 4133 Social Research Methods 3

SOC 4243 Quantitative Methods in Sociology 3

Select 6 hours of the following: 6

SOC 3133 Racial and Ethnic Relations (DS)

SOC 3993 Sociology of Aging (DS)

SOC 4213 Sociology of Sexualities (S)

SOC 4383 Social Stratification (S)

SOC 4643 Sociology of Gender (S)

Select 15 hours of upper-division SOC/ANTH 15

Select 9 hours of upper-division courses (not SOC/ANTH) 9

**Hours Subtotal** 45

#### Electives

Select 13 hours 13

May need to include 6 hours upper-division general education outside major department (see note 2.c.) and 1 additional upper-division hour.

**Hours Subtotal** 13

**Total Hours** 120

### Other Requirements

- See the College of Arts and Sciences Requirements.
- **Upper-Division Credit:** Total hours must include at least 40 hours in courses numbered 3000 or above.
- **Hours in One Department:** For B.A. and B.S. degrees, no more than 54 hours in one department may be applied to degree requirements.

### College of Arts and Sciences Requirements

#### 1. General Education Requirements

No more than two courses (or eight hours) from the major department (<http://catalog.okstate.edu/college-arts-sciences-major-departments/>) may be used to meet General Education and College and Departmental Requirements. The General Education required English Composition, required U.S. History, required American Government, one required MATH or STAT course, and required foreign language for B.A. degrees do not count against the two-course maximum.

#### 2. A&S College/Departmental Requirements

- Arts and Humanities are defined as any course carrying an (H) designation or courses from AMST, ART, DANC, ENGL

(except ENGL 3323 Technical Writing) HIST, MUSI, PHIL (except PHIL 1313 Logic and Critical Thinking (A), PHIL 3003 Symbolic Logic (A) and PHIL 4003 Mathematical Logic and Computability), REL, TH, and foreign languages.

- b. Natural and Mathematical Sciences are defined as any course from the following prefixes: ASTR, BIOC, BIOL, CHEM, CS (except CS 4883 Social Issues in Computing), GEOL, MATH, MICR, P BIO, PHYS, and STAT; or courses from other departments that carry an (A) or (N) general education designation.
- c. The required six hours of upper-division General Education may not include courses from the student's major department. This requirement may be satisfied by courses also used to satisfy any part of a student's degree program (i.e., in General Education, College Departmental Requirements, Major Requirements or Electives).
- d. Non-Western Studies Requirement for B.A. and B.F.A.; One 3-hour course in Non-Western Studies (N.W.). This requirement may be satisfied by courses also used to satisfy any part of a student's degree program (i.e., in General Education, College Departmental Requirements, Major Requirements or Electives).
- e. The College of Arts & Sciences requires a minimum 2.0 GPA in all major requirements and a minimum 2.0 GPA in all major-prefix courses applied to the degree.

### 3. Foreign Language Proficiency

- a. The foreign language requirement for the B.A. may be satisfied by 9 hours college credit in the same language, which must include 3 hours at the 2000-level, or equivalent proficiency (e.g., passing an advanced standing examination; TOEFL exam; presenting a high school transcript which demonstrates the high school was primarily conducted in a language other than English; etc.). Computer Science courses may not be used to satisfy this requirement. Currently Arabic and Mvskoke are not offered at the 2000-level at OSU.
- b. The foreign language requirement for the B.S., B.M. and B.F.A. may be satisfied by presenting a high school transcript which demonstrates two years of study of a single foreign language (passing grades at second-year level of study). It may also be satisfied by 6 hours college credit in the same language, which must include language courses 1713 and 1813, or equivalent proficiency (e.g., passing an advanced standing examination; TOEFL exam; presenting a high school transcript which demonstrates the high school was primarily conducted in a language other than English; etc.). Computer Science courses may not be used to satisfy this requirement.
- c. In addition to a. and b., students pursuing teacher certification must meet novice-high foreign language proficiency by presenting a high school transcript which demonstrates two years of study of a single foreign language with no grade below B. Or, students may complete 3 hours college credit in a single language with no grade below C (or pass an advanced standing examination, College Level Examination Program (CLEP) exam, or Oral Proficiency Interview developed by the American Council on the Teaching of Foreign Languages, equivalent to 3 hours of college credit.) Or, students may meet the requirement by transfer of documentation of meeting the foreign language competency from one of the teacher education programs in the State of Oklahoma approved by the Oklahoma State Regents for Higher Education.

### 4. Exclusions

- a. Courses used to satisfy the General Education English Composition, U.S. History, American Government, and Mathematics or Statistics requirements will not count toward the 54-hour maximum allowed from one department.
- b. Courses with ATHL or LEIS prefixes and leisure activity courses may not be used for degree credit.

## Additional State/OSU Requirements

- At least: 60 hours at a four-year institution; 30 hours completed at OSU; 15 of the final 30 or 50% of the upper-division hours in the major field completed at OSU.
- Limit of: one-half of major course requirements as transfer work; one-fourth of hours earned by correspondence; 8 transfer correspondence hours.
- Students will be held responsible for degree requirements in effect at the time of matriculation and any changes that are made, so long as these changes do not result in semester credit hours being added or do not delay graduation.
- Degrees that follow this plan must be completed by the end of Summer 2028.

## Example Plan of Study

### Finish in Four Plan of Study

The plan below is an **example** of how students can successfully complete degree requirements in four years. This suggested class schedule plan may be used as a guide and can be adjusted based on individual needs. Students are required to meet with an academic advisor prior to enrollment each semester to plan their class schedule, and students are ultimately responsible for completing all degree requirements.

Course	Title	Hours
<b>Freshman</b>		
<b>Fall</b>		
STAT 2053 or STAT 2013	Elementary Statistics for the Social Sciences (A) or Elementary Statistics (A)	3
SOC 1113	Introductory Sociology (S)	3
1713	First Semester Foreign Language	3
General Education courses		5
<b>Hours</b>		<b>14</b>
<b>Spring</b>		
SOC 2123	Social Problems (DS)	3
1813	Second Semester Foreign Language	3
General Education courses		10
<b>Hours</b>		<b>16</b>
<b>Sophomore</b>		
<b>Fall</b>		
2000-level Foreign Language		3
General Education courses		12
<b>Hours</b>		<b>15</b>
<b>Spring</b>		
Major, College, and Elective courses		15
<b>Hours</b>		<b>15</b>
<b>Junior</b>		
<b>Fall</b>		
SOC 3113	Theoretical Thinking in Sociology	3
Major, College, and Elective courses		12
<b>Hours</b>		<b>15</b>
<b>Spring</b>		
SOC 4133	Social Research Methods	3

Major, College, and Elective courses	12
<b>Hours</b>	<b>15</b>
<b>Senior</b>	
<b>Fall</b>	
SOC 4243            Quantitative Methods in Sociology	3
Major, College, and Elective courses	12
<b>Hours</b>	<b>15</b>
<b>Spring</b>	
Major, College, and Elective courses	15
<b>Hours</b>	<b>15</b>
<b>Total Hours</b>	<b>120</b>

## Sociology, BS

### Degree Requirements

**Requirements for Students Matriculating in or before Academic Year 2022-2023.** Learn more about University Academic Regulation 3.1 (p. 943).

**Minimum Overall Grade Point Average: 2.00**

**Total Hours: 120**

Code	Title	Hours
<b>General Education Requirements</b>		
<i>English Composition</i>		
See Academic Regulation 3.5 (p. 944)		
ENGL 1113 or ENGL 1313	Composition I Critical Analysis and Writing I	3
ENGL 1213 or ENGL 1413 or ENGL 3323	Composition II Critical Analysis and Writing II Technical Writing	3
<i>American History &amp; Government</i>		
HIST 1103 or HIST 1483 or HIST 1493	Survey of American History American History to 1865 (H) American History Since 1865 (DH)	3
POLS 1113	American Government	3
<i>Analytical &amp; Quantitative Thought (A)</i>		
STAT 2013 or STAT 2053	Elementary Statistics (A) Elementary Statistics for the Social Sciences (A)	3
<i>Humanities (H)</i>		
Courses designated (H)		6
<i>Natural Sciences (N)</i>		
Must include one Laboratory Science (L) course		
Courses designated (N)		6
<i>Social &amp; Behavioral Sciences (S)</i>		
Course designated (S)		3
<i>Additional General Education</i>		
Courses designated (A), (H), (N), or (S)		10
<b>Hours Subtotal</b>		<b>40</b>
<b>Diversity (D) &amp; International Dimension (I)</b>		
May be completed in any part of the degree plan		
Select at least one Diversity (D) course		
Select at least one International Dimension (I) course		
<b>College/Departmental Requirements</b>		
<i>First Year Seminar</i>		
(Transfer students with 15 hours exempt)		1
<i>Arts &amp; Humanities</i>		
See note 2.a.		3
<i>Natural &amp; Mathematical Sciences</i>		
See note 2.b.		9
<i>Foreign Language</i>		
See note 3		
0-6 hours		
<i>Upper-Division General Education</i>		
Select 6 hours outside major department		

See note 2.c.

<b>Hours Subtotal</b>	<b>13</b>
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#### Major Requirements

Minimum GPA 2.50.

Minimum GPA in all SOC/ANTH courses 2.50 with a minimum grade of "C" in all SOC/ANTH courses.

Minimum 30 hours of courses with SOC/ANTH prefix.

#### Core Requirements

SOC 1113	Introductory Sociology (S)	3
SOC 2123 or ANTH 3353	Social Problems (DS) Cultural Anthropology (IS)	3
SOC 3113	Theoretical Thinking in Sociology	3
SOC 4133	Social Research Methods	3
SOC 4243	Quantitative Methods in Sociology	3
Select 6 hours of the following:		6
SOC 3133	Racial and Ethnic Relations (DS)	
SOC 3993	Sociology of Aging (DS)	
SOC 4213	Sociology of Sexualities (S)	
SOC 4383	Social Stratification (S)	
SOC 4643	Sociology of Gender (S)	

Select 15 hours of upper-division SOC/ANTH

Select 9 hours of upper-division courses (not SOC/ANTH)<sup>1</sup>

<b>Hours Subtotal</b>	<b>45</b>
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#### Electives

Select 22 hours.<sup>1</sup>

May need to include 6 hours of a foreign language. See note 3.

May need to include 6 hours upper-division general education outside major department (see note 2.c.).

<b>Hours Subtotal</b>	<b>22</b>
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<b>Total Hours</b>	<b>120</b>
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1

With approval from the advisor and department head, a maximum of 30 hours from an accredited doctoral law or health program may be used for these areas.

### Other Requirements

- See the College of Arts and Sciences Requirements.
- **Upper-Division Credit:** Total hours must include at least 40 hours in courses numbered 3000 or above.
- **Hours in One Department:** For B.A. and B.S. degrees, no more than 54 hours in one department may be applied to degree requirements.

### College of Arts and Sciences Requirements

#### 1. General Education Requirements

No more than two courses (or eight hours) from the major department (<http://catalog.okstate.edu/college-arts-sciences-major-departments/>) may be used to meet General Education and College and Departmental Requirements. The General Education required English Composition, required U.S. History, required American Government, one required MATH or STAT course, and required foreign language for B.A. degrees do not count against the two-course maximum.

## 2. A&S College/Departmental Requirements

- Arts and Humanities are defined as any course carrying an (H) designation or courses from AMST, ART, DANC, ENGL (except ENGL 3323 Technical Writing) HIST, MUSI, PHIL (except PHIL 1313 Logic and Critical Thinking (A), PHIL 3003 Symbolic Logic (A) and PHIL 4003 Mathematical Logic and Computability), REL, TH, and foreign languages.
- Natural and Mathematical Sciences are defined as any course from the following prefixes: ASTR, BIOC, BIOL, CHEM, CS (except CS 4883 Social Issues in Computing), GEOL, MATH, MICR, PBIO, PHYS, and STAT; or courses from other departments that carry an (A) or (N) general education designation.
- The required six hours of upper-division General Education may not include courses from the student's major department. This requirement may be satisfied by courses also used to satisfy any part of a student's degree program (i.e., in General Education, College Departmental Requirements, Major Requirements or Electives).
- Non-Western Studies Requirement for B.A. and B.F.A.; One 3-hour course in Non-Western Studies (N.W.). This requirement may be satisfied by courses also used to satisfy any part of a student's degree program (i.e., in General Education, College Departmental Requirements, Major Requirements or Electives).
- The College of Arts & Sciences requires a minimum 2.0 GPA in all major requirements and a minimum 2.0 GPA in all major-prefix courses applied to the degree.

## 3. Foreign Language Proficiency

- The foreign language requirement for the B.A. may be satisfied by 9 hours college credit in the same language, which must include 3 hours at the 2000-level, or equivalent proficiency (e.g., passing an advanced standing examination; TOEFL exam; presenting a high school transcript which demonstrates the high school was primarily conducted in a language other than English; etc.). Computer Science courses may not be used to satisfy this requirement. Currently Arabic and Mvskoke are not offered at the 2000-level at OSU.
- The foreign language requirement for the B.S., B.M. and B.F.A. may be satisfied by presenting a high school transcript which demonstrates two years of study of a single foreign language (passing grades at second-year level of study). It may also be satisfied by 6 hours college credit in the same language, which must include language courses 1713 and 1813, or equivalent proficiency (e.g., passing an advanced standing examination; TOEFL exam; presenting a high school transcript which demonstrates the high school was primarily conducted in a language other than English; etc.). Computer Science courses may not be used to satisfy this requirement.
- In addition to a. and b., students pursuing teacher certification must meet novice-high foreign language proficiency by presenting a high school transcript which demonstrates two years of study of a single foreign language with no grade below B. Or, students may complete 3 hours college credit in a single language with no grade below C (or pass an advanced standing examination, College Level Examination Program (CLEP) exam, or Oral Proficiency Interview developed by the American Council on the Teaching of Foreign Languages, equivalent to 3 hours of college credit.) Or, students may meet the requirement by transfer of documentation of meeting the foreign language competency from one of the teacher education programs in the State of

Oklahoma approved by the Oklahoma State Regents for Higher Education.

## 4. Exclusions

- Courses used to satisfy the General Education English Composition, U.S. History, American Government, and Mathematics or Statistics requirements will not count toward the 54-hour maximum allowed from one department.
- Courses with ATHL or LEIS prefixes and leisure activity courses may not be used for degree credit.

## Additional State/OSU Requirements

- At least: 60 hours at a four-year institution; 30 hours completed at OSU; 15 of the final 30 or 50% of the upper-division hours in the major field completed at OSU.
- Limit of: one-half of major course requirements as transfer work; one-fourth of hours earned by correspondence; 8 transfer correspondence hours.
- Students will be held responsible for degree requirements in effect at the time of matriculation and any changes that are made, so long as these changes do not result in semester credit hours being added or do not delay graduation.
- Degrees that follow this plan must be completed by the end of Summer 2028.

## Example Plan of Study

### Finish in Four Plan of Study

The plan below is an **example** of how students can successfully complete degree requirements in four years. This suggested class schedule plan may be used as a guide and can be adjusted based on individual needs. Students are required to meet with an academic advisor prior to enrollment each semester to plan their class schedule, and students are ultimately responsible for completing all degree requirements.

Course	Title	Hours
<b>Freshman</b>		
<b>Fall</b>		
STAT 2053 or STAT 2013	Elementary Statistics for the Social Sciences (A) or Elementary Statistics (A)	3
SOC 1113	Introductory Sociology (S)	3
General Education courses		10
<b>Hours</b>		<b>16</b>
<b>Spring</b>		
SOC 2123	Social Problems (DS)	3
General Education courses		11
<b>Hours</b>		<b>14</b>
<b>Sophomore</b>		
<b>Fall</b>		
General Education courses		15
<b>Hours</b>		<b>15</b>
<b>Spring</b>		
Major, College, and Elective courses		15
<b>Hours</b>		<b>15</b>
<b>Junior</b>		
<b>Fall</b>		
SOC 3113	Theoretical Thinking in Sociology	3
Major, College, and Elective courses		12
<b>Hours</b>		<b>15</b>
<b>Spring</b>		
SOC 4133	Social Research Methods	3



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Major, College, and Elective courses	12
<b>Hours</b>	<b>15</b>
<b>Senior</b>	
<b>Fall</b>	
SOC 4243 Quantitative Methods in Sociology	3
Major, College, and Elective courses	12
<b>Hours</b>	<b>15</b>
<b>Spring</b>	
Major, College, and Elective courses	15
<b>Hours</b>	<b>15</b>
<b>Total Hours</b>	<b>120</b>

# Sociology: Anthropology, BA

## Degree Requirements

**Requirements for Students Matriculating in or before Academic Year 2022-2023.** Learn more about University Academic Regulation 3.1 (p. 943).

**Minimum Overall Grade Point Average:** 2.00

**Total Hours:** 120

Code	Title	Hours
<b>General Education Requirements</b>		
<i>English Composition</i>		
See Academic Regulation 3.5 (p. 944)		
ENGL 1113	Composition I	3
or ENGL 1313	Critical Analysis and Writing I	
ENGL 1213	Composition II	3
or ENGL 1413	Critical Analysis and Writing II	
or ENGL 3323	Technical Writing	
<i>American History &amp; Government</i>		
HIST 1103	Survey of American History	3
or HIST 1483	American History to 1865 (H)	
or HIST 1493	American History Since 1865 (DH)	
POLS 1113	American Government	3
<i>Analytical &amp; Quantitative Thought (A)</i>		
STAT 2013	Elementary Statistics (A)	3
or STAT 2053	Elementary Statistics for the Social Sciences (A)	
<i>Humanities (H)</i>		
Courses designated (H)		6
<i>Natural Sciences (N)</i>		
Must include one Laboratory Science (L) course		
Courses designated (N)		6
<i>Social &amp; Behavioral Sciences (S)</i>		
Course designated (S)		3
<i>Additional General Education</i>		
Courses designated (A), (H), (N), or (S)		10
<b>Hours Subtotal</b>		<b>40</b>

### Diversity (D) & International Dimension (I)

May be completed in any part of the degree plan

Select at least one Diversity (D) course

Select at least one International Dimension (I) course

### College/Departmental Requirements

#### First Year Seminar

(Transfer students with 15 hours exempt) 1

#### Arts & Humanities

See note 2.a. 9

#### Natural & Mathematical Sciences

See note 2.b. 3

#### Foreign Language

See note 3 9

#### Non-Western Studies

At least one course

See note 2.d.

### Upper-Division General Education

Select 6 hours outside major department

See note 2.c.

**Hours Subtotal** 22

### Major Requirements

Minimum GPA in all SOC/ANTH courses 2.50 with a minimum grade of "C" in all SOC/ANTH courses.

Minimum 30 hours of courses with SOC/ANTH prefix.

#### Core Requirements

ANTH 2353	Introduction to Biological Anthropology (N)	3
ANTH 2883	Introduction to Archaeology (S)	3
ANTH 3353	Cultural Anthropology (IS)	3
SOC 1113	Introductory Sociology (S)	3
SOC 3113	Theoretical Thinking in Sociology	3
SOC 4133	Social Research Methods	3
SOC 4243	Quantitative Methods in Sociology	3
Select 3 hours of the following:		3
SOC 3133	Racial and Ethnic Relations (DS)	
SOC 3993	Sociology of Aging (DS)	
SOC 4213	Sociology of Sexualities (S)	
SOC 4383	Social Stratification (S)	
SOC 4643	Sociology of Gender (S)	

Select 6 hours of upper-division SOC 6

Select 6 hours of upper-division ANTH 6

Select 12 hours upper-division related courses of the following: 12

ART 3733	History of Latin American Art I	
ART 4603	History of Ancient Egyptian Art	
ART 4763	Native American Art and Material Culture	
BIOL 3113	Human Evolution (N)	
BIOL 3123	Human Heredity (N)	
GEOG 3053	Introduction to Central Asia Studies (IS)	
GEOG 3243	Legal Geography of Native America, Sovereign Tribal Nations, and Indian Country (DS)	
GEOG 3783	The Middle East (IS)	
GEOG 3793	Australia and the Pacific Realm (IS)	
GEOG 4333	Remote Sensing	
GEOG 4353	Geographic Information Systems: Socioeconomic Applications	
HIST 3013	Ancient Egypt and Israel (H)	
HIST 3023	Ancient Greece (H)	
HIST 3133	African Diaspora History (DH)	
HIST 3443	Gender Relations in Chinese History (H)	
HIST 3453	Colonial Latin America (H)	
HIST 3503	Medieval Islamic History (H)	
HIST 3513	Modern Middle East (HI)	
HIST 3543	Israel & Palestine in Modern Times (HI)	
HIST 3763	American Southwest (DH)	
HIST 3793	Native American History (DH)	
HIST 4063	Historic Preservation	
HIST 4493	Frontier in American Memory (H)	
HIST 4523	American Environmental History (H)	
HIST 4980	Topics in History	

MUSI 3573	America's Ethnic Music (DH)
MUSI 3583	Traditional World Music (H)
PHIL 3943	Asian Philosophy (HI)
POLS 3953	Minorities in the American Political System (DS)
POLS 3973	Race, Politics and Sports (D)
REL 3573	The Religions of Native Americans (DH)
SOC 3133	Racial and Ethnic Relations (DS)
SOC 4433	Environmental Sociology (S)
SOC 4453	Environmental Inequality (S)
SOC 4653	Gender and the Middle East (IS)
SOC 4990	Exploration of Sociological Issues
<b>Hours Subtotal</b>	<b>48</b>
<b>Electives</b>	
Select 10 hours	10
May need to include 6 hours upper-division general education outside major department (see note 2.c.) and 1 additional upper-division hour	
<b>Hours Subtotal</b>	<b>10</b>
<b>Total Hours</b>	<b>120</b>

## Other Requirements

- See the College of Arts and Sciences Requirements.
- **Upper-Division Credit:** Total hours must include at least 40 hours in courses numbered 3000 or above.
- **Hours in One Department:** For B.A. and B.S. degrees, no more than 54 hours in one department may be applied to degree requirements.

## College of Arts and Sciences Requirements

### 1. General Education Requirements

No more than two courses (or eight hours) from the major department (<http://catalog.okstate.edu/college-arts-sciences-major-departments/>) may be used to meet General Education and College and Departmental Requirements. The General Education required English Composition, required U.S. History, required American Government, one required MATH or STAT course, and required foreign language for B.A. degrees do not count against the two-course maximum.

### 2. A&S College/Departmental Requirements

- Arts and Humanities are defined as any course carrying an (H) designation or courses from AMST, ART, DANC, ENGL (except ENGL 3323 Technical Writing) HIST, MUSI, PHIL (except PHIL 1313 Logic and Critical Thinking (A), PHIL 3003 Symbolic Logic (A) and PHIL 4003 Mathematical Logic and Computability), REL, TH, and foreign languages.
- Natural and Mathematical Sciences are defined as any course from the following prefixes: ASTR, BIOC, BIOL, CHEM, CS (except CS 4883 Social Issues in Computing), GEOL, MATH, MICR, PBIO, PHYS, and STAT; or courses from other departments that carry an (A) or (N) general education designation.
- The required six hours of upper-division General Education may not include courses from the student's major department. This requirement may be satisfied by courses also used to satisfy any part of a student's degree program (i.e., in General Education,

College Departmental Requirements, Major Requirements or Electives).

- Non-Western Studies Requirement for B.A. and B.F.A.; One 3-hour course in Non-Western Studies (N.W.). This requirement may be satisfied by courses also used to satisfy any part of a student's degree program (i.e., in General Education, College Departmental Requirements, Major Requirements or Electives).
  - The College of Arts & Sciences requires a minimum 2.0 GPA in all major requirements and a minimum 2.0 GPA in all major-prefix courses applied to the degree.
- ### 3. Foreign Language Proficiency
- The foreign language requirement for the B.A. may be satisfied by 9 hours college credit in the same language, which must include 3 hours at the 2000-level, or equivalent proficiency (e.g., passing an advanced standing examination; TOEFL exam; presenting a high school transcript which demonstrates the high school was primarily conducted in a language other than English; etc.). Computer Science courses may not be used to satisfy this requirement. Currently Arabic and Mvskoke are not offered at the 2000-level at OSU.
  - The foreign language requirement for the B.S., B.M. and B.F.A. may be satisfied by presenting a high school transcript which demonstrates two years of study of a single foreign language (passing grades at second-year level of study). It may also be satisfied by 6 hours college credit in the same language, which must include language courses 1713 and 1813, or equivalent proficiency (e.g., passing an advanced standing examination; TOEFL exam; presenting a high school transcript which demonstrates the high school was primarily conducted in a language other than English; etc.). Computer Science courses may not be used to satisfy this requirement.
  - In addition to a. and b., students pursuing teacher certification must meet novice-high foreign language proficiency by presenting a high school transcript which demonstrates two years of study of a single foreign language with no grade below B. Or, students may complete 3 hours college credit in a single language with no grade below C (or pass an advanced standing examination, College Level Examination Program (CLEP) exam, or Oral Proficiency Interview developed by the American Council on the Teaching of Foreign Languages, equivalent to 3 hours of college credit.) Or, students may meet the requirement by transfer of documentation of meeting the foreign language competency from one of the teacher education programs in the State of Oklahoma approved by the Oklahoma State Regents for Higher Education.

### 4. Exclusions

- Courses used to satisfy the General Education English Composition, U.S. History, American Government, and Mathematics or Statistics requirements will not count toward the 54-hour maximum allowed from one department.
- Courses with ATHL or LEIS prefixes and leisure activity courses may not be used for degree credit.

## Additional State/OSU Requirements

- At least: 60 hours at a four-year institution; 30 hours completed at OSU; 15 of the final 30 or 50% of the upper-division hours in the major field completed at OSU.
- Limit of: one-half of major course requirements as transfer work; one-fourth of hours earned by correspondence; 8 transfer correspondence hours.

- Students will be held responsible for degree requirements in effect at the time of matriculation and any changes that are made, so long as these changes do not result in semester credit hours being added or do not delay graduation.
- Degrees that follow this plan must be completed by the end of Summer 2028.

## Example Plan of Study

### Finish in Four Plan of Study

The plan below is an **example** of how students can successfully complete degree requirements in four years. This suggested class schedule plan may be used as a guide and can be adjusted based on individual needs. Students are required to meet with an academic advisor prior to enrollment each semester to plan their class schedule, and students are ultimately responsible for completing all degree requirements.

Course	Title	Hours
<b>Freshman</b>		
<b>Fall</b>		
STAT 2053 or STAT 2013	Elementary Statistics for the Social Sciences (A) or Elementary Statistics (A)	3
SOC 1113	Introductory Sociology (S)	3
1713 First Semester Foreign Language		3
General Education courses		5
<b>Hours</b>		<b>14</b>
<b>Spring</b>		
ANTH 2353	Introduction to Biological Anthropology (N)	3
1813 Second Semester Foreign Language		3
General Education courses		10
<b>Hours</b>		<b>16</b>
<b>Sophomore</b>		
<b>Fall</b>		
ANTH 2883	Introduction to Archaeology (S)	3
2000-level Foreign Language		3
General Education courses		9
<b>Hours</b>		<b>15</b>
<b>Spring</b>		
Major, College, and Elective courses		15
<b>Hours</b>		<b>15</b>
<b>Junior</b>		
<b>Fall</b>		
SOC 3113	Theoretical Thinking in Sociology	3
ANTH 3353	Cultural Anthropology (IS)	3
Major, College, and Elective courses		9
<b>Hours</b>		<b>15</b>
<b>Spring</b>		
SOC 4133	Social Research Methods	3
Major, College, and Elective courses		12
<b>Hours</b>		<b>15</b>
<b>Senior</b>		
<b>Fall</b>		
SOC 4243	Quantitative Methods in Sociology	3
Major, College, and Elective courses		12
<b>Hours</b>		<b>15</b>
<b>Spring</b>		
Major, College, and Elective courses		15
<b>Hours</b>		<b>15</b>
<b>Total Hours</b>		<b>120</b>

# Sociology: Anthropology, BS

## Degree Requirements

**Requirements for Students Matriculating in or before Academic Year 2022-2023.** Learn more about University Academic Regulation 3.1 (p. 943).

**Minimum Overall Grade Point Average:** 2.00

**Total Hours:** 120

Code	Title	Hours
<b>General Education Requirements</b>		
<i>English Composition</i>		
See Academic Regulation 3.5 (p. 944)		
ENGL 1113	Composition I	3
or ENGL 1313	Critical Analysis and Writing I	
ENGL 1213	Composition II	3
or ENGL 1413	Critical Analysis and Writing II	
or ENGL 3323	Technical Writing	
<i>American History &amp; Government</i>		
HIST 1103	Survey of American History	3
or HIST 1483	American History to 1865 (H)	
or HIST 1493	American History Since 1865 (DH)	
POLS 1113	American Government	3
<i>Analytical &amp; Quantitative Thought (A)</i>		
STAT 2013	Elementary Statistics (A)	3
or STAT 2053	Elementary Statistics for the Social Sciences (A)	
<i>Humanities (H)</i>		
Courses designated (H)		6
<i>Natural Sciences (N)</i>		
Must include one Laboratory Science (L) course		
Courses designated (N)		6
<i>Social &amp; Behavioral Sciences (S)</i>		
Course designated (S)		3
<i>Additional General Education</i>		
Courses designated (A), (H), (N), or (S)		10
<b>Hours Subtotal</b>		<b>40</b>
<b>Diversity (D) &amp; International Dimension (I)</b>		
May be completed in any part of the degree plan		
Select at least one Diversity (D) course		
Select at least one International Dimension (I) course		
<b>College/Departmental Requirements</b>		
<i>First Year Seminar</i>		
(Transfer students with 15 hours exempt)		1
<i>Arts &amp; Humanities</i>		
See note 2.a.		3
<i>Natural &amp; Mathematical Sciences</i>		
See note 2.b.		9
<i>Foreign Language</i>		
See note 3.		0
0-6 hours		
<i>Upper-Division General Education</i>		
Select 6 hours outside major department		

See note 2.c.

<b>Hours Subtotal</b>		<b>13</b>
<b>Major Requirements</b>		
Minimum GPA 2.50.		
Minimum GPA in all SOC/ANTH courses 2.50 with a minimum grade of "C" in all SOC/ANTH courses.		
Minimum 30 hours of courses with SOC/ANTH prefix.		
<i>Core Requirements</i>		
ANTH 2353	Introduction to Biological Anthropology (N)	3
ANTH 2883	Introduction to Archaeology (S)	3
ANTH 3353	Cultural Anthropology (IS)	3
SOC 1113	Introductory Sociology (S)	3
SOC 3113	Theoretical Thinking in Sociology	3
SOC 4133	Social Research Methods	3
SOC 4243	Quantitative Methods in Sociology	3
Select 3 hours of the following:		3
SOC 3133	Racial and Ethnic Relations (DS)	
SOC 3993	Sociology of Aging (DS)	
SOC 4213	Sociology of Sexualities (S)	
SOC 4383	Social Stratification (S)	
SOC 4643	Sociology of Gender (S)	
Select 6 hours of upper-division SOC		6
Select 6 hours of upper-division ANTH		6
Select 12 hours of upper-division related courses from the following:		12
ART 3733	History of Latin American Art I	
ART 4603	History of Ancient Egyptian Art	
ART 4763	Native American Art and Material Culture	
BIOL 3113	Human Evolution (N)	
BIOL 3123	Human Heredity (N)	
GEOG 3053	Introduction to Central Asia Studies (IS)	
GEOG 3243	Legal Geography of Native America, Sovereign Tribal Nations, and Indian Country (DS)	
GEOG 3783	The Middle East (IS)	
GEOG 3793	Australia and the Pacific Realm (IS)	
GEOG 4333	Remote Sensing	
GEOG 4353	Geographic Information Systems: Socioeconomic Applications	
HIST 3013	Ancient Egypt and Israel (H)	
HIST 3023	Ancient Greece (H)	
HIST 3133	African Diaspora History (DH)	
HIST 3443	Gender Relations in Chinese History (H)	
HIST 3453	Colonial Latin America (H)	
HIST 3503	Medieval Islamic History (H)	
HIST 3513	Modern Middle East (HI)	
HIST 3543	Israel & Palestine in Modern Times (HI)	
HIST 3763	American Southwest (DH)	
HIST 3793	Native American History (DH)	
HIST 4063	Historic Preservation	
HIST 4493	Frontier in American Memory (H)	
HIST 4523	American Environmental History (H)	
HIST 4980	Topics in History	

MUSI 3573	America's Ethnic Music (DH)	
MUSI 3583	Traditional World Music (H)	
PHIL 3943	Asian Philosophy (HI)	
POLS 3953	Minorities in the American Political System (DS)	
POLS 3973	Race, Politics and Sports (D)	
REL 3573	The Religions of Native Americans (DH)	
SOC 3133	Racial and Ethnic Relations (DS)	
SOC 4433	Environmental Sociology (S)	
SOC 4453	Environmental Inequality (S)	
SOC 4653	Gender and the Middle East (IS)	
SOC 4990	Exploration of Sociological Issues	
<b>Hours Subtotal</b>		<b>48</b>
<b>Electives</b>		
Select 19 hours		19
May need to include 6 hours of a foreign language. See note 3.		
May need to include 6 hours upper-division general education outside major department (see note 2.c.).		
<b>Hours Subtotal</b>		<b>19</b>
<b>Total Hours</b>		<b>120</b>

## Other Requirements

- See the College of Arts and Sciences Requirements.
- **Upper-Division Credit:** Total hours must include at least 40 hours in courses numbered 3000 or above.
- **Hours in One Department:** For B.A. and B.S. degrees, no more than 54 hours in one department may be applied to degree requirements.

## College of Arts and Sciences Requirements

### 1. General Education Requirements

No more than two courses (or eight hours) from the major department (<http://catalog.okstate.edu/college-arts-sciences-major-departments/>) may be used to meet General Education and College and Departmental Requirements. The General Education required English Composition, required U.S. History, required American Government, one required MATH or STAT course, and required foreign language for B.A. degrees do not count against the two-course maximum.

### 2. A&S College/Departmental Requirements

- Arts and Humanities are defined as any course carrying an (H) designation or courses from AMST, ART, DANC, ENGL (except ENGL 3323 Technical Writing) HIST, MUSI, PHIL (except PHIL 1313 Logic and Critical Thinking (A), PHIL 3003 Symbolic Logic (A) and PHIL 4003 Mathematical Logic and Computability), REL, TH, and foreign languages.
- Natural and Mathematical Sciences are defined as any course from the following prefixes: ASTR, BIOC, BIOL, CHEM, CS (except CS 4883 Social Issues in Computing), GEOL, MATH, MICR, PBIO, PHYS, and STAT; or courses from other departments that carry an (A) or (N) general education designation.
- The required six hours of upper-division General Education may not include courses from the student's major department. This requirement may be satisfied by courses also used to satisfy any part of a student's degree program (i.e., in General Education,

College Departmental Requirements, Major Requirements or Electives).

- Non-Western Studies Requirement for B.A. and B.F.A.; One 3-hour course in Non-Western Studies (N.W.). This requirement may be satisfied by courses also used to satisfy any part of a student's degree program (i.e., in General Education, College Departmental Requirements, Major Requirements or Electives).
- The College of Arts & Sciences requires a minimum 2.0 GPA in all major requirements and a minimum 2.0 GPA in all major-prefix courses applied to the degree.

### 3. Foreign Language Proficiency

- The foreign language requirement for the B.A. may be satisfied by 9 hours college credit in the same language, which must include 3 hours at the 2000-level, or equivalent proficiency (e.g., passing an advanced standing examination; TOEFL exam; presenting a high school transcript which demonstrates the high school was primarily conducted in a language other than English; etc.). Computer Science courses may not be used to satisfy this requirement. Currently Arabic and Mvskoke are not offered at the 2000-level at OSU.
- The foreign language requirement for the B.S., B.M. and B.F.A. may be satisfied by presenting a high school transcript which demonstrates two years of study of a single foreign language (passing grades at second-year level of study). It may also be satisfied by 6 hours college credit in the same language, which must include language courses 1713 and 1813, or equivalent proficiency (e.g., passing an advanced standing examination; TOEFL exam; presenting a high school transcript which demonstrates the high school was primarily conducted in a language other than English; etc.). Computer Science courses may not be used to satisfy this requirement.
- In addition to a. and b., students pursuing teacher certification must meet novice-high foreign language proficiency by presenting a high school transcript which demonstrates two years of study of a single foreign language with no grade below B. Or, students may complete 3 hours college credit in a single language with no grade below C (or pass an advanced standing examination, College Level Examination Program (CLEP) exam, or Oral Proficiency Interview developed by the American Council on the Teaching of Foreign Languages, equivalent to 3 hours of college credit.) Or, students may meet the requirement by transfer of documentation of meeting the foreign language competency from one of the teacher education programs in the State of Oklahoma approved by the Oklahoma State Regents for Higher Education.

### 4. Exclusions

- Courses used to satisfy the General Education English Composition, U.S. History, American Government, and Mathematics or Statistics requirements will not count toward the 54-hour maximum allowed from one department.
- Courses with ATHL or LEIS prefixes and leisure activity courses may not be used for degree credit.

## Additional State/OSU Requirements

- At least: 60 hours at a four-year institution; 30 hours completed at OSU; 15 of the final 30 or 50% of the upper-division hours in the major field completed at OSU.
- Limit of: one-half of major course requirements as transfer work; one-fourth of hours earned by correspondence; 8 transfer correspondence hours.



- Students will be held responsible for degree requirements in effect at the time of matriculation and any changes that are made, so long as these changes do not result in semester credit hours being added or do not delay graduation.
- Degrees that follow this plan must be completed by the end of Summer 2028.

## Example Plan of Study

### Finish in Four Plan of Study

The plan below is an **example** of how students can successfully complete degree requirements in four years. This suggested class schedule plan may be used as a guide and can be adjusted based on individual needs. Students are required to meet with an academic advisor prior to enrollment each semester to plan their class schedule, and students are ultimately responsible for completing all degree requirements.

Course	Title	Hours
<b>Freshman</b>		
<b>Fall</b>		
STAT 2053 or STAT 2013	Elementary Statistics for the Social Sciences (A) or Elementary Statistics (A)	3
SOC 1113	Introductory Sociology (S)	3
General Education courses		10
<b>Hours</b>		<b>16</b>
<b>Spring</b>		
ANTH 2353	Introduction to Biological Anthropology (N)	3
General Education courses		11
<b>Hours</b>		<b>14</b>
<b>Sophomore</b>		
<b>Fall</b>		
ANTH 2883	Introduction to Archaeology (S)	3
General Education courses		12
<b>Hours</b>		<b>15</b>
<b>Spring</b>		
Major, College, and Elective courses		15
<b>Hours</b>		<b>15</b>
<b>Junior</b>		
<b>Fall</b>		
SOC 3113	Theoretical Thinking in Sociology	3
ANTH 3353	Cultural Anthropology (IS)	3
Major, College, and Elective courses		9
<b>Hours</b>		<b>15</b>
<b>Spring</b>		
SOC 4133	Social Research Methods	3
Major, College, and Elective courses		12
<b>Hours</b>		<b>15</b>
<b>Senior</b>		
<b>Fall</b>		
SOC 4243	Quantitative Methods in Sociology	3
Major, College, and Elective courses		12
<b>Hours</b>		<b>15</b>
<b>Spring</b>		
Major, College, and Elective courses		15
<b>Hours</b>		<b>15</b>
<b>Total Hours</b>		<b>120</b>

# Sociology: Applied Sociology, BA

## Degree Requirements

**Requirements for Students Matriculating in or before Academic Year 2022-2023.** Learn more about University Academic Regulation 3.1 (p. 943).

**Minimum Overall Grade Point Average:** 2.00

**Total Hours:** 120

Code	Title	Hours
<b>General Education Requirements</b>		
<i>English Composition</i>		
See Academic Regulation 3.5 (p. 944)		
ENGL 1113 or ENGL 1313	Composition I Critical Analysis and Writing I	3
ENGL 1213 or ENGL 1413 or ENGL 3323	Composition II Critical Analysis and Writing II Technical Writing	3
<i>American History &amp; Government</i>		
HIST 1103 or HIST 1483 or HIST 1493	Survey of American History American History to 1865 (H) American History Since 1865 (DH)	3
POLS 1113	American Government	3
<i>Analytical &amp; Quantitative Thought (A)</i>		
STAT 2013 or STAT 2053	Elementary Statistics (A) Elementary Statistics for the Social Sciences (A)	3
<i>Humanities (H)</i>		
Courses designated (H)		6
<i>Natural Sciences (N)</i>		
Must include one Laboratory Science (L) course		
Courses designated (N)		6
<i>Social &amp; Behavioral Sciences (S)</i>		
PSYC 1113	Introductory Psychology (S)	3
HDFS 2113	Lifespan Human Development (S)	3
<i>Additional General Education</i>		
Courses designated (A), (H), (N), or (S)		7
<b>Hours Subtotal</b>		<b>40</b>
<b>Diversity (D) &amp; International Dimension (I)</b>		
May be completed in any part of the degree plan		
Select at least one Diversity (D) course		
Select at least one International Dimension (I) course		
<b>College/Departmental Requirements</b>		
<i>First Year Seminar</i>		
(Transfer students with 15 hours exempt)		1
<i>Arts &amp; Humanities</i>		
See note 2.a.		9
<i>Natural &amp; Mathematical Sciences</i>		
See note 2.b.		3
<i>Foreign Language</i>		
See note 3		9
<i>Non-Western Studies</i>		
At least one course		

See note 2.d.

*Upper-Division General Education*

Select 6 hours outside major department

See note 2.c.

**Hours Subtotal** **22**

**Major Requirements**

Minimum major GPA 2.50.

Minimum GPA in all SOC?ANTH courses 2.50 with a minimum grade of "C" in all SOC/ANTH courses.

*Core Requirements*

SOC 1113	Introductory Sociology (S)	3
SOC 2123	Social Problems (DS)	3
or ANTH 3353	Cultural Anthropology (IS)	
SOC 3113	Theoretical Thinking in Sociology	3
SOC 3953	Applied Sociology	3
SOC 4133	Social Research Methods	3
SOC 4243	Quantitative Methods in Sociology	3
SOC 4850	Internship in Sociology	4
Select 6 hours of the following:		6
SOC 3133	Racial and Ethnic Relations (DS)	
SOC 3993	Sociology of Aging (DS)	
SOC 4213	Sociology of Sexualities (S)	
SOC 4383	Social Stratification (S)	
SOC 4643	Sociology of Gender (S)	

*Emphasis*

Complete one Emphasis (p. 1783) **24**

**Hours Subtotal** **52**

**Electives**

Select 6 hours **6**

May need to include 6 hours upper-division general education outside major department (see note 2.c.)

**Hours Subtotal** **6**

**Total Hours** **120**

## Emphasis Criminology and Criminal Justice

Code	Title	Hours
SOC 3523	Juvenile Delinquency (DS)	3
SOC 4033	Comparative Perspectives of Criminal Justice Systems (IS)	3
SOC 4313	Sociology of Law	3
SOC 4333	Criminology (S)	3
SOC 4923	Sociology of Punishment (S)	3
Select 9 hours of the following:		9
SOC 3133	Racial and Ethnic Relations (DS)	
SOC 3223	Social Psychology (S)	
SOC 3323	Collective Behavior and Social Movements	
SOC 4023	Juvenile Corrections and Treatment Strategies	
SOC 4213	Sociology of Sexualities (S)	
SOC 4723	Sociology of Families (S)	
SOC 4733	Criminal Behavior Analysis	

SOC 4743	Criminalistics: Introduction to Forensic Sciences
SOC 4753	Advanced Forensics
SOC 4923	Sociology of Punishment (S)
EPSY 3213	Psychology of Adolescence
HDFS 3423	Adolescent Development in Family Contexts (S)
HLTH 3913	Alcohol and Drug Education
PHIL 3843	Philosophy of Law (H)
POLS 3983	Courts and Judicial Process (S)
PSYC 3443	Abnormal Psychology (S)
PSYC 4143	Psychology and Law
PSYC 4213	Conflict Resolution (S)

## Environment and Society

Code	Title	Hours
SOC 4433	Environmental Sociology (S)	3
SOC 4453	Environmental Inequality (S)	3
SOC 4463	Technology and Society	3
SOC 4533	World Population Problems	3
Select 12 hours of the following:		12
SOC 3323	Collective Behavior and Social Movements	
AGEC 4503	Environmental Economics and Resource Development	
ECON 4913	Urban and Regional Economics	
GEOG 3123	Urban Geography (S)	
GEOG 3153	Conservation of Natural Resources (S)	
GEOG 4123	Geographical Aspects of Urban Planning	
HIST 4063	Historic Preservation	
HIST 4503	American Urban History (H)	
POLS 4363	Environmental Law And Policy	
POLS 4593	Natural Resources and Environmental Policy	
PSYC 4213	Conflict Resolution (S)	

## Social Services

Code	Title	Hours
SOC 3223	Social Psychology (S)	3
SOC 4153	Sociology of Health and Illness	3
SOC 4723	Sociology of Families (S)	3
HDFS 3443	Family Dynamics	3
Select 12 hours of the following:		12
SOC 3133	Racial and Ethnic Relations (DS)	
SOC 4043	Gender and Work (DS)	
HDFS 3423	Adolescent Development in Family Contexts (S)	
HDFS 3443	Family Dynamics	
HDFS 4423	Family Risk and Resilience	
HLTH 3613	Community Health	
HLTH 3913	Alcohol and Drug Education	
PSYC 4213	Conflict Resolution (S)	

## Other Requirements

- See the College of Arts and Sciences Requirements.
- **Upper-Division Credit:** Total hours must include at least 40 hours in courses numbered 3000 or above.
- **Hours in One Department:** For B.A. and B.S. degrees, no more than 54 hours in one department may be applied to degree requirements.

## College of Arts and Sciences Requirements

### 1. General Education Requirements

No more than two courses (or eight hours) from the major department (<http://catalog.okstate.edu/college-arts-sciences-major-departments/>) may be used to meet General Education and College and Departmental Requirements. The General Education required English Composition, required U.S. History, required American Government, one required MATH or STAT course, and required foreign language for B.A. degrees do not count against the two-course maximum.

### 2. A&S College/Departmental Requirements

- Arts and Humanities are defined as any course carrying an (H) designation or courses from AMST, ART, DANC, ENGL (except ENGL 3323 Technical Writing) HIST, MUSI, PHIL (except PHIL 1313 Logic and Critical Thinking (A), PHIL 3003 Symbolic Logic (A) and PHIL 4003 Mathematical Logic and Computability), REL, TH, and foreign languages.
- Natural and Mathematical Sciences are defined as any course from the following prefixes: ASTR, BIOC, BIOL, CHEM, CS (except CS 4883 Social Issues in Computing), GEOL, MATH, MICR, PBIO, PHYS, and STAT; or courses from other departments that carry an (A) or (N) general education designation.
- The required six hours of upper-division General Education may not include courses from the student's major department. This requirement may be satisfied by courses also used to satisfy any part of a student's degree program (i.e., in General Education, College Departmental Requirements, Major Requirements or Electives).
- Non-Western Studies Requirement for B.A. and B.F.A.; One 3-hour course in Non-Western Studies (N.W.). This requirement may be satisfied by courses also used to satisfy any part of a student's degree program (i.e., in General Education, College Departmental Requirements, Major Requirements or Electives).
- The College of Arts & Sciences requires a minimum 2.0 GPA in all major requirements and a minimum 2.0 GPA in all major-prefix courses applied to the degree.

### 3. Foreign Language Proficiency

- The foreign language requirement for the B.A. may be satisfied by 9 hours college credit in the same language, which must include 3 hours at the 2000-level, or equivalent proficiency (e.g., passing an advanced standing examination; TOEFL exam; presenting a high school transcript which demonstrates the high school was primarily conducted in a language other than English; etc.). Computer Science courses may not be used to satisfy this requirement. Currently Arabic and Mvskoke are not offered at the 2000-level at OSU.
- The foreign language requirement for the B.S., B.M. and B.F.A. may be satisfied by presenting a high school transcript which demonstrates two years of study of a single foreign language (passing grades at second-year level of study). It may also

be satisfied by 6 hours college credit in the same language, which must include language courses 1713 and 1813, or equivalent proficiency (e.g., passing an advanced standing examination; TOEFL exam; presenting a high school transcript which demonstrates the high school was primarily conducted in a language other than English; etc.). Computer Science courses may not be used to satisfy this requirement.

- c. In addition to a. and b., students pursuing teacher certification must meet novice-high foreign language proficiency by presenting a high school transcript which demonstrates two years of study of a single foreign language with no grade below B. Or, students may complete 3 hours college credit in a single language with no grade below C (or pass an advanced standing examination, College Level Examination Program (CLEP) exam, or Oral Proficiency Interview developed by the American Council on the Teaching of Foreign Languages, equivalent to 3 hours of college credit.) Or, students may meet the requirement by transfer of documentation of meeting the foreign language competency from one of the teacher education programs in the State of Oklahoma approved by the Oklahoma State Regents for Higher Education.

#### 4. Exclusions

- Courses used to satisfy the General Education English Composition, U.S. History, American Government, and Mathematics or Statistics requirements will not count toward the 54-hour maximum allowed from one department.
- Courses with ATHL or LEIS prefixes and leisure activity courses may not be used for degree credit.

## Additional State/OSU Requirements

- At least: 60 hours at a four-year institution; 30 hours completed at OSU; 15 of the final 30 or 50% of the upper-division hours in the major field completed at OSU.
- Limit of: one-half of major course requirements as transfer work; one-fourth of hours earned by correspondence; 8 transfer correspondence hours.
- Students will be held responsible for degree requirements in effect at the time of matriculation and any changes that are made, so long as these changes do not result in semester credit hours being added or do not delay graduation.
- Degrees that follow this plan must be completed by the end of Summer 2028.

## Example Plan of Study

### Finish in Four Plan of Study

The plan below is an **example** of how students can successfully complete degree requirements in four years. This suggested class schedule plan may be used as a guide and can be adjusted based on individual needs. Students are required to meet with an academic advisor prior to enrollment each semester to plan their class schedule, and students are ultimately responsible for completing all degree requirements.

Course	Title	Hours
<b>Freshman</b>		
<b>Fall</b>		
STAT 2053 or STAT 2013	Elementary Statistics for the Social Sciences (A) or Elementary Statistics (A)	3
SOC 1113	Introductory Sociology (S)	3

General Education courses		10
<b>Hours</b>		<b>16</b>
<b>Spring</b>		
SOC 2123	Social Problems (DS)	3
General Education courses		11
<b>Hours</b>		<b>14</b>
<b>Sophomore</b>		
<b>Fall</b>		
1713 First Semester Foreign Language		3
General Education courses		12
<b>Hours</b>		<b>15</b>
<b>Spring</b>		
Major, College, and Elective courses		12
1813 Second Semester Foreign Language		3
<b>Hours</b>		<b>15</b>
<b>Junior</b>		
<b>Fall</b>		
SOC 3113	Theoretical Thinking in Sociology	3
2000-level Foreign Language		3
Major, College, and Elective courses		9
<b>Hours</b>		<b>15</b>
<b>Spring</b>		
SOC 4133	Social Research Methods	3
Major, College, and Elective courses		12
<b>Hours</b>		<b>15</b>
<b>Senior</b>		
<b>Fall</b>		
SOC 4243	Quantitative Methods in Sociology	3
Major, College, and Elective courses		12
<b>Hours</b>		<b>15</b>
<b>Spring</b>		
SOC 4950	Current Topics in Sociology (Internship)	4
Major, College, and Elective courses		11
<b>Hours</b>		<b>15</b>
<b>Total Hours</b>		<b>120</b>

## Sociology: Applied Sociology, BS

### Degree Requirements

**Requirements for Students Matriculating in or before Academic Year 2022-2023.** Learn more about University Academic Regulation 3.1 (p. 943).

**Minimum Overall Grade Point Average: 2.00**

**Total Hours: 120**

Code	Title	Hours
<b>General Education Requirements</b>		
<i>English Composition</i>		
See Academic Regulation 3.5 (p. 944)		
ENGL 1113 or ENGL 1313	Composition I Critical Analysis and Writing I	3
ENGL 1213 or ENGL 1413 or ENGL 3323	Composition II Critical Analysis and Writing II Technical Writing	3
<i>American History &amp; Government</i>		
HIST 1103 or HIST 1483 or HIST 1493	Survey of American History American History to 1865 (H) American History Since 1865 (DH)	3
POLS 1113	American Government	3
<i>Analytical &amp; Quantitative Thought (A)</i>		
STAT 2013 or STAT 2053	Elementary Statistics (A) Elementary Statistics for the Social Sciences (A)	3
<i>Humanities (H)</i>		
Courses designated (H)		6
<i>Natural Sciences (N)</i>		
Must include one Laboratory Science (L) course		
Courses designated (N)		6
<i>Social &amp; Behavioral Sciences (S)</i>		
PSYC 1113	Introductory Psychology (S)	3
HDFS 2113	Lifespan Human Development (S)	3
<i>Additional General Education</i>		
Courses designated (A), (H), (N), or (S)		7
<b>Hours Subtotal</b>		<b>40</b>
<b>Diversity (D) &amp; International Dimension (I)</b>		
May be completed in any part of the degree plan		
Select at least one Diversity (D) course		
Select at least one International Dimension (I) course		
<b>College/Departmental Requirements</b>		
<i>First Year Seminar</i>		
(Transfer students with 15 hours exempt)		1
<i>Arts &amp; Humanities</i>		
See note 2.a.		3
<i>Natural &amp; Mathematical Sciences</i>		
See note 2.b.		9
<i>Foreign Language</i>		
See note 3		
0-6 hours		
<i>Upper-Division General Education</i>		

Select 6 hours outside major department

See note 2.c.

**Hours Subtotal 13**

#### Major Requirements

Minimum GPA 2.50.

Minimum GPA in all SOC/ANTH courses 2.50 with a minimum grade of "C" in all SOC/ANTH courses.

#### Core Requirements

SOC 1113	Introductory Sociology (S)	3
SOC 2123 or ANTH 3353	Social Problems (DS) Cultural Anthropology (IS)	3
SOC 3113	Theoretical Thinking in Sociology	3
SOC 3953	Applied Sociology	3
SOC 4133	Social Research Methods	3
SOC 4243	Quantitative Methods in Sociology	3
SOC 4850	Internship in Sociology	4
Select 6 hours of the following:		6
SOC 3133	Racial and Ethnic Relations (DS)	
SOC 3993	Sociology of Aging (DS)	
SOC 4213	Sociology of Sexualities (S)	
SOC 4383	Social Stratification (S)	
SOC 4643	Sociology of Gender (S)	

#### Emphasis

Complete one Emphasis (p. 1786) 24

**Hours Subtotal 52**

#### Electives

Select 15 hours 15

May need to include 6 hours of a foreign language. See note 3

May need to include 6 hours upper-division general education outside major department (see note 2.c.)

**Hours Subtotal 15**

**Total Hours 120**

## Emphasis

### Criminology and Criminal Justice

Code	Title	Hours
SOC 3523	Juvenile Delinquency (DS)	3
SOC 4033	Comparative Perspectives of Criminal Justice Systems (IS)	3
SOC 4313	Sociology of Law	3
SOC 4333	Criminology (S)	3
SOC 4923	Sociology of Punishment (S)	3
Select 9 hours of the following:		9
SOC 3133	Racial and Ethnic Relations (DS)	
SOC 3223	Social Psychology (S)	
SOC 3323	Collective Behavior and Social Movements	
SOC 4023	Juvenile Corrections and Treatment Strategies	
SOC 4213	Sociology of Sexualities (S)	
SOC 4723	Sociology of Families (S)	
SOC 4733	Criminal Behavior Analysis	

SOC 4743	Criminalistics: Introduction to Forensic Sciences
SOC 4753	Advanced Forensics
SOC 4923	Sociology of Punishment (S)
EPSY 3213	Psychology of Adolescence
HDFS 3423	Adolescent Development in Family Contexts (S)
HLTH 3913	Alcohol and Drug Education
PHIL 3843	Philosophy of Law (H)
POLS 3983	Courts and Judicial Process (S)
PSYC 3443	Abnormal Psychology (S)
PSYC 4143	Psychology and Law
PSYC 4213	Conflict Resolution (S)

## Environment and Society

Code	Title	Hours
SOC 4433	Environmental Sociology (S)	3
SOC 4453	Environmental Inequality (S)	3
SOC 4463	Technology and Society	3
SOC 4533	World Population Problems	3
Select 12 hours of the following:		12
SOC 3323	Collective Behavior and Social Movements	
AGEC 4503	Environmental Economics and Resource Development	
ECON 4913	Urban and Regional Economics	
GEOG 3123	Urban Geography (S)	
GEOG 3153	Conservation of Natural Resources (S)	
GEOG 4123	Geographical Aspects of Urban Planning	
HIST 4063	Historic Preservation	
HIST 4503	American Urban History (H)	
POLS 4363	Environmental Law And Policy	
POLS 4593	Natural Resources and Environmental Policy	
PSYC 4213	Conflict Resolution (S)	

## Social Services

Code	Title	Hours
SOC 3223	Social Psychology (S)	3
SOC 4153	Sociology of Health and Illness	3
SOC 4723	Sociology of Families (S)	3
HDFS 3443	Family Dynamics	3
Select 12 hours of the following:		12
SOC 3133	Racial and Ethnic Relations (DS)	
SOC 4043	Gender and Work (DS)	
HDFS 3423	Adolescent Development in Family Contexts (S)	
HDFS 3443	Family Dynamics	
HDFS 4423	Family Risk and Resilience	
HLTH 3613	Community Health	
HLTH 3913	Alcohol and Drug Education	
PSYC 4213	Conflict Resolution (S)	

## Other Requirements

- See the College of Arts and Sciences Requirements.
- **Upper-Division Credit:** Total hours must include at least 40 hours in courses numbered 3000 or above.
- **Hours in One Department:** For B.A. and B.S. degrees, no more than 54 hours in one department may be applied to degree requirements.

## College of Arts and Sciences Requirements

### 1. General Education Requirements

No more than two courses (or eight hours) from the major department (<http://catalog.okstate.edu/college-arts-sciences-major-departments/>) may be used to meet General Education and College and Departmental Requirements. The General Education required English Composition, required U.S. History, required American Government, one required MATH or STAT course, and required foreign language for B.A. degrees do not count against the two-course maximum.

### 2. A&S College/Departmental Requirements

- Arts and Humanities are defined as any course carrying an (H) designation or courses from AMST, ART, DANC, ENGL (except ENGL 3323 Technical Writing) HIST, MUSI, PHIL (except PHIL 1313 Logic and Critical Thinking (A), PHIL 3003 Symbolic Logic (A) and PHIL 4003 Mathematical Logic and Computability), REL, TH, and foreign languages.
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- The required six hours of upper-division General Education may not include courses from the student's major department. This requirement may be satisfied by courses also used to satisfy any part of a student's degree program (i.e., in General Education, College Departmental Requirements, Major Requirements or Electives).
- Non-Western Studies Requirement for B.A. and B.F.A.; One 3-hour course in Non-Western Studies (N.W.). This requirement may be satisfied by courses also used to satisfy any part of a student's degree program (i.e., in General Education, College Departmental Requirements, Major Requirements or Electives).
- The College of Arts & Sciences requires a minimum 2.0 GPA in all major requirements and a minimum 2.0 GPA in all major-prefix courses applied to the degree.

### 3. Foreign Language Proficiency

- The foreign language requirement for the B.A. may be satisfied by 9 hours college credit in the same language, which must include 3 hours at the 2000-level, or equivalent proficiency (e.g., passing an advanced standing examination; TOEFL exam; presenting a high school transcript which demonstrates the high school was primarily conducted in a language other than English; etc.). Computer Science courses may not be used to satisfy this requirement. Currently Arabic and Mvskoke are not offered at the 2000-level at OSU.
- The foreign language requirement for the B.S., B.M. and B.F.A. may be satisfied by presenting a high school transcript which demonstrates two years of study of a single foreign language (passing grades at second-year level of study). It may also



be satisfied by 6 hours college credit in the same language, which must include language courses 1713 and 1813, or equivalent proficiency (e.g., passing an advanced standing examination; TOEFL exam; presenting a high school transcript which demonstrates the high school was primarily conducted in a language other than English; etc.). Computer Science courses may not be used to satisfy this requirement.

- c. In addition to a. and b., students pursuing teacher certification must meet novice-high foreign language proficiency by presenting a high school transcript which demonstrates two years of study of a single foreign language with no grade below B. Or, students may complete 3 hours college credit in a single language with no grade below C (or pass an advanced standing examination, College Level Examination Program (CLEP) exam, or Oral Proficiency Interview developed by the American Council on the Teaching of Foreign Languages, equivalent to 3 hours of college credit.) Or, students may meet the requirement by transfer of documentation of meeting the foreign language competency from one of the teacher education programs in the State of Oklahoma approved by the Oklahoma State Regents for Higher Education.

**4. Exclusions**

- a. Courses used to satisfy the General Education English Composition, U.S. History, American Government, and Mathematics or Statistics requirements will not count toward the 54-hour maximum allowed from one department.
- b. Courses with ATHL or LEIS prefixes and leisure activity courses may not be used for degree credit.

## Additional State/OSU Requirements

- At least: 60 hours at a four-year institution; 30 hours completed at OSU; 15 of the final 30 or 50% of the upper-division hours in the major field completed at OSU.
- Limit of: one-half of major course requirements as transfer work; one-fourth of hours earned by correspondence; 8 transfer correspondence hours.
- Students will be held responsible for degree requirements in effect at the time of matriculation and any changes that are made, so long as these changes do not result in semester credit hours being added or do not delay graduation.
- Degrees that follow this plan must be completed by the end of Summer 2028.

## Example Plan of Study

### Finish in Four Plan of Study

The plan below is an **example** of how students can successfully complete degree requirements in four years. This suggested class schedule plan may be used as a guide and can be adjusted based on individual needs. Students are required to meet with an academic adviser prior to enrollment each semester to plan their class schedule, and students are ultimately responsible for completing all degree requirements.

Course	Title	Hours
<b>Freshman</b>		
<b>Fall</b>		
STAT 2053 or STAT 2013	Elementary Statistics for the Social Sciences (A) or Elementary Statistics (A)	3
SOC 1113	Introductory Sociology (S)	3

General Education courses		10
<b>Hours</b>		<b>16</b>
<b>Spring</b>		
SOC 2123	Social Problems (DS)	3
General Education courses		11
<b>Hours</b>		<b>14</b>
<b>Sophomore</b>		
<b>Fall</b>		
General Education courses		15
<b>Hours</b>		<b>15</b>
<b>Spring</b>		
Major, College, and Elective courses		15
<b>Hours</b>		<b>15</b>
<b>Junior</b>		
<b>Fall</b>		
SOC 3113	Theoretical Thinking in Sociology	3
Major, College, and Elective courses		12
<b>Hours</b>		<b>15</b>
<b>Spring</b>		
SOC 4133	Social Research Methods	3
Major, College, and Elective courses		12
<b>Hours</b>		<b>15</b>
<b>Senior</b>		
<b>Fall</b>		
SOC 4243	Quantitative Methods in Sociology	3
Major, College, and Elective courses		12
<b>Hours</b>		<b>15</b>
<b>Spring</b>		
SOC 4950	Current Topics in Sociology (Internship)	4
Major, College, and Elective courses		11
<b>Hours</b>		<b>15</b>
<b>Total Hours</b>		<b>120</b>

# Sociology: Criminology and Criminal Justice, BA

## Degree Requirements

**Requirements for Students Matriculating in or before Academic Year 2022-2023.** Learn more about University Academic Regulation 3.1 (p. 943).

**Minimum Overall Grade Point Average: 2.00**

**Total Hours: 120**

Code	Title	Hours
<b>General Education Requirements</b>		
<i>English Composition</i>		
See Academic Regulation 3.5 (p. 944)		
ENGL 1113 or ENGL 1313	Composition I Critical Analysis and Writing I	3
ENGL 1213 or ENGL 1413 or ENGL 3323	Composition II Critical Analysis and Writing II Technical Writing	3
<i>American History &amp; Government</i>		
HIST 1103 or HIST 1483 or HIST 1493	Survey of American History American History to 1865 (H) American History Since 1865 (DH)	3
POLS 1113	American Government	3
<i>Analytical &amp; Quantitative Thought (A)</i>		
STAT 2013 or STAT 2053	Elementary Statistics (A) Elementary Statistics for the Social Sciences (A)	3
<i>Humanities (H)</i>		
Courses designated (H)		6
<i>Natural Sciences (N)</i>		
Must include one Laboratory Science (L) course		
Courses designated (N)		6
<i>Social &amp; Behavioral Sciences (S)</i>		
PSYC 1113	Introductory Psychology (S)	3
<i>Additional General Education</i>		
Courses designated (A), (H), (N), or (S)		10
<b>Hours Subtotal</b>		<b>40</b>
<b>Diversity (D) &amp; International Dimension (I)</b>		
May be completed in any part of the degree plan.		
At least one Diversity (D) course.		
At least one International Dimension (I) course.		
<b>College/Departmental Requirements</b>		
<i>First Year Seminar</i>		
(Transfer students with 15 hours exempt.)		1
<i>Arts &amp; Humanities</i>		
(See note 2.a.)		9
<i>Natural &amp; Mathematics Sciences</i>		
(See Note 2.b.)		3
<i>Foreign Language</i>		
(See note 3.)		9
<i>Non-Western Studies</i>		
At least one course. (See note 2.d.)		

### Upper-Division General Education

6 hours outside major department (See note 2.c.)

**Hours Subtotal** 22

### Major Requirements

Minimum major GPA 2.50 in major block.

Minimum GPA in all SOC/ANTH courses 2.50 with a minimum grade of "C" in all SOC/ANTH courses.

Minimum 30 hours of courses with SOC/ANTH prefix.

### Core Requirements

SOC 1113	Introductory Sociology (S)	3
SOC 2123 or ANTH 1353	Social Problems (DS) Introduction to Anthropology (S)	3
SOC 3113	Theoretical Thinking in Sociology	3
SOC 4133	Social Research Methods	3
SOC 4243	Quantitative Methods in Sociology	3
Select six hours from:		6
SOC 3133	Racial and Ethnic Relations (DS)	
SOC 3993	Sociology of Aging (DS)	
SOC 4213	Sociology of Sexualities (S)	
SOC 4383	Social Stratification (S)	
SOC 4643	Sociology of Gender (S)	

### Criminology and Criminal Justice

SOC 2113	Introduction to Criminal Justice (S)	3
SOC 4333	Criminology (S)	3
Select 12 hours from (3 hours may be lower-division):		12
SOC 2213	Gangs and Society (S)	
SOC 2243	Drugs and Drug Policy in the United States	
SOC 3333	Policing and Society (S)	
SOC 3523	Juvenile Delinquency (DS)	
SOC 4033	Comparative Perspectives of Criminal Justice Systems (IS)	
SOC 4313	Sociology of Law	
SOC 4923	Sociology of Punishment (S)	
Select 12 hours of approved related courses. Recommended:		12
SOC 3223	Social Psychology (S)	
SOC 3323	Collective Behavior and Social Movements	
SOC 3953	Applied Sociology	
SOC 4023	Juvenile Corrections and Treatment Strategies	
SOC 4103	The Death Penalty in America (S)	
SOC 4573	Victimology	
SOC 4733	Criminal Behavior Analysis	
SOC 4743	Criminalistics: Introduction to Forensic Sciences	
SOC 4753	Advanced Forensics	
SOC 4850	Internship in Sociology	
EPSY 3213	Psychology of Adolescence	
PHIL 3843	Philosophy of Law (H)	
POLS 3983	Courts and Judicial Process (S)	
PSYC 3443	Abnormal Psychology (S)	
PSYC 4143	Psychology and Law	
PSYC 4213	Conflict Resolution (S)	

**Hours Subtotal** 51

<b>Electives</b>	
Select 7 hours.	7
May need to include 6 hours upper-division general education outside major department (see note 2.c.) and 1 additional upper-division hour.	
<b>Hours Subtotal</b>	<b>7</b>
<b>Total Hours</b>	<b>120</b>

## Other Requirements

- See the College of Arts and Sciences Requirements.
- **Upper-Division Credit:** Total hours must include at least 40 hours in courses numbered 3000 or above.
- **Hours in One Department:** For B.A. and B.S. degrees, no more than 54 hours in one department may be applied to degree requirements.

## College of Arts and Sciences Requirements

### 1. General Education Requirements

No more than two courses (or eight hours) from the major department (<http://catalog.okstate.edu/college-arts-sciences-major-departments/>) may be used to meet General Education and College and Departmental Requirements. The General Education required English Composition, required U.S. History, required American Government, one required MATH or STAT course, and required foreign language for B.A. degrees do not count against the two-course maximum.

### 2. A&S College/Departmental Requirements

- Arts and Humanities are defined as any course carrying an (H) designation or courses from AMST, ART, DANC, ENGL (except ENGL 3323 Technical Writing) HIST, MUSI, PHIL (except PHIL 1313 Logic and Critical Thinking (A), PHIL 3003 Symbolic Logic (A) and PHIL 4003 Mathematical Logic and Computability), REL, TH, and foreign languages.
- Natural and Mathematical Sciences are defined as any course from the following prefixes: ASTR, BIOC, BIOL, CHEM, CS (except CS 4883 Social Issues in Computing), GEOL, MATH, MICR, PBIO, PHYS, and STAT; or courses from other departments that carry an (A) or (N) general education designation.
- The required six hours of upper-division General Education may not include courses from the student's major department. This requirement may be satisfied by courses also used to satisfy any part of a student's degree program (i.e., in General Education, College Departmental Requirements, Major Requirements or Electives).
- Non-Western Studies Requirement for B.A. and B.F.A.; One 3-hour course in Non-Western Studies (N.W.). This requirement may be satisfied by courses also used to satisfy any part of a student's degree program (i.e., in General Education, College Departmental Requirements, Major Requirements or Electives).
- The College of Arts & Sciences requires a minimum 2.0 GPA in all major requirements and a minimum 2.0 GPA in all major-prefix courses applied to the degree.

### 3. Foreign Language Proficiency

- The foreign language requirement for the B.A. may be satisfied by 9 hours college credit in the same language, which must include 3 hours at the 2000-level, or equivalent proficiency (e.g., passing an advanced standing examination; TOEFL exam; presenting a high school transcript which demonstrates the high school

was primarily conducted in a language other than English; etc.). Computer Science courses may not be used to satisfy this requirement. Currently Arabic and Mvskoke are not offered at the 2000-level at OSU.

- The foreign language requirement for the B.S., B.M. and B.F.A. may be satisfied by presenting a high school transcript which demonstrates two years of study of a single foreign language (passing grades at second-year level of study). It may also be satisfied by 6 hours college credit in the same language, which must include language courses 1713 and 1813, or equivalent proficiency (e.g., passing an advanced standing examination; TOEFL exam; presenting a high school transcript which demonstrates the high school was primarily conducted in a language other than English; etc.). Computer Science courses may not be used to satisfy this requirement.
  - In addition to a. and b., students pursuing teacher certification must meet novice-high foreign language proficiency by presenting a high school transcript which demonstrates two years of study of a single foreign language with no grade below B. Or, students may complete 3 hours college credit in a single language with no grade below C (or pass an advanced standing examination, College Level Examination Program (CLEP) exam, or Oral Proficiency Interview developed by the American Council on the Teaching of Foreign Languages, equivalent to 3 hours of college credit.) Or, students may meet the requirement by transfer of documentation of meeting the foreign language competency from one of the teacher education programs in the State of Oklahoma approved by the Oklahoma State Regents for Higher Education.
- ### 4. Exclusions
- Courses used to satisfy the General Education English Composition, U.S. History, American Government, and Mathematics or Statistics requirements will not count toward the 54-hour maximum allowed from one department.
  - Courses with ATHL or LEIS prefixes and leisure activity courses may not be used for degree credit.

## Additional State/OSU Requirements

- At least: 60 hours at a four-year institution; 30 hours completed at OSU; 15 of the final 30 or 50% of the upper-division hours in the major field completed at OSU.
- Limit of: one-half of major course requirements as transfer work; one-fourth of hours earned by correspondence; 8 transfer correspondence hours.
- Students will be held responsible for degree requirements in effect at the time of matriculation and any changes that are made, so long as these changes do not result in semester credit hours being added or do not delay graduation.
- Degrees that follow this plan must be completed by the end of Summer 2028.

## Example Plan of Study

### Finish in Four Plan of Study

The plan below is an **example** of how students can successfully complete degree requirements in four years. This suggested class schedule plan may be used as a guide and can be adjusted based on individual needs. Students are required to meet with an academic advisor prior to

enrollment each semester to plan their class schedule, and students are ultimately responsible for completing all degree requirements.

Course	Title	Hours
<b>Freshman</b>		
<b>Fall</b>		
STAT 2053 or STAT 2013	Elementary Statistics for the Social Sciences (A) or Elementary Statistics (A)	3
SOC 1113	Introductory Sociology (S)	3
General Education courses		10
<b>Hours</b>		<b>16</b>
<b>Spring</b>		
SOC 2123	Social Problems (DS)	3
General Education courses		11
<b>Hours</b>		<b>14</b>
<b>Sophomore</b>		
<b>Fall</b>		
1713 First Semester Foreign Language		3
General Education courses		12
<b>Hours</b>		<b>15</b>
<b>Spring</b>		
Major, College, and Elective courses		12
1813 Second Semester Foreign Language		3
<b>Hours</b>		<b>15</b>
<b>Junior</b>		
<b>Fall</b>		
SOC 3113	Theoretical Thinking in Sociology	3
2000-level Foreign Language		3
Major, College, and Elective courses		9
<b>Hours</b>		<b>15</b>
<b>Spring</b>		
SOC 4133	Social Research Methods	3
Major, College, and Elective courses		12
<b>Hours</b>		<b>15</b>
<b>Senior</b>		
<b>Fall</b>		
SOC 4243	Quantitative Methods in Sociology	3
Major, College, and Elective courses		12
<b>Hours</b>		<b>15</b>
<b>Spring</b>		
SOC 4950	Current Topics in Sociology (Internship)	4
Major, College, and Elective courses		11
<b>Hours</b>		<b>15</b>
<b>Total Hours</b>		<b>120</b>

# Sociology: Criminology and Criminal Justice, BS

## Degree Requirements

**Requirements for Students Matriculating in or before Academic Year 2022-2023.** Learn more about University Academic Regulation 3.1 (p. 943).

**Minimum Overall Grade Point Average: 2.00**

**Total Hours: 120**

Code	Title	Hours
<b>General Education Requirements</b>		
<i>English Composition</i>		
See Academic Regulation 3.5 (p. 944)		
ENGL 1113 or ENGL 1313	Composition I Critical Analysis and Writing I	3
ENGL 1213 or ENGL 1413 or ENGL 3323	Composition II Critical Analysis and Writing II Technical Writing	3
<i>American History &amp; Government</i>		
HIST 1103 or HIST 1483 or HIST 1493	Survey of American History American History to 1865 (H) American History Since 1865 (DH)	3
POLS 1113	American Government	3
<i>Analytical &amp; Quantitative Thought (A)</i>		
STAT 2013 or STAT 2053	Elementary Statistics (A) Elementary Statistics for the Social Sciences (A)	3
<i>Humanities (H)</i>		
Courses designated (H)		6
<i>Natural Sciences (N)</i>		
Must include one Laboratory Science (L) course		
Courses designated (N)		6
<i>Social &amp; Behavioral Sciences (S)</i>		
PSYC 1113	Introductory Psychology (S)	3
<i>Additional General Education</i>		
Courses designated (A), (H), (N), or (S)		10
<b>Hours Subtotal</b>		<b>40</b>
<b>Diversity (D) &amp; International Dimension (I)</b>		
May be completed in any part of the degree plan.		
At least one Diversity (D) course.		
At least one International Dimension (I) course.		
<b>College/Departmental Requirements</b>		
<i>First Year Seminar</i>		
(Transfer students with 15 hours exempt.)		1
<i>Arts &amp; Humanities</i>		
(See note 2.a.)		3
<i>Natural &amp; Mathematics Sciences</i>		
(See Note 2.b.)		9
<i>Foreign Language</i>		
(See note 3.)		0-6 hours
<i>Upper-Division General Education</i>		

6 hours outside major department (See note 2.c.)		
<b>Hours Subtotal</b>		<b>13</b>
<b>Major Requirements</b>		
Minimum major GPA 2.50 in major block.		
Minimum GPA in all SOC/ANTH courses 2.50 with a grade of "C" in all SOC/ANTH courses.		
Minimum 30 hours of courses with SOC/ANTH prefix.		
<i>Core Requirements</i>		
SOC 1113	Introductory Sociology (S)	3
SOC 2123 or ANTH 1353	Social Problems (DS) Introduction to Anthropology (S)	3
SOC 3113	Theoretical Thinking in Sociology	3
SOC 4133	Social Research Methods	3
SOC 4243	Quantitative Methods in Sociology	3
Select 6 hours of the following:		6
SOC 3133	Racial and Ethnic Relations (DS)	
SOC 3993	Sociology of Aging (DS)	
SOC 4213	Sociology of Sexualities (S)	
SOC 4383	Social Stratification (S)	
SOC 4643	Sociology of Gender (S)	
<i>Criminology and Criminal Justice</i>		
SOC 2113	Introduction to Criminal Justice (S)	3
SOC 4333	Criminology (S)	3
Select 12 hours form the following (3 hours may be lower division):		12
SOC 2213	Gangs and Society (S)	
SOC 2243	Drugs and Drug Policy in the United States	
SOC 3333	Policing and Society (S)	
SOC 3523	Juvenile Delinquency (DS)	
SOC 4033	Comparative Perspectives of Criminal Justice Systems (IS)	
SOC 4313	Sociology of Law	
SOC 4923	Sociology of Punishment (S)	
Select 12 hours of approved option-related courses.		12
SOC 3223	Social Psychology (S)	
SOC 3323	Collective Behavior and Social Movements	
SOC 3953	Applied Sociology	
SOC 4023	Juvenile Corrections and Treatment Strategies	
SOC 4103	The Death Penalty in America (S)	
SOC 4573	Victimology	
SOC 4733	Criminal Behavior Analysis	
SOC 4743	Criminalistics: Introduction to Forensic Sciences	
SOC 4753	Advanced Forensics	
SOC 4850	Internship in Sociology	
EPSY 3213	Psychology of Adolescence	
PHIL 3843	Philosophy of Law (H)	
POLS 3983	Courts and Judicial Process (S)	
PSYC 3443	Abnormal Psychology (S)	
PSYC 4143	Psychology and Law	
PSYC 4213	Conflict Resolution (S)	
<b>Hours Subtotal</b>		<b>51</b>

<b>Electives</b>	
Select 16 hours	16
May need to include 6 hours upper-division general education outside major department (see note 2.c.) and 1 additional upper-division hour.	
<b>Hours Subtotal</b>	<b>16</b>
<b>Total Hours</b>	<b>120</b>

## Other Requirements

- See the College of Arts and Sciences Requirements.
- **Upper-Division Credit:** Total hours must include at least 40 hours in courses numbered 3000 or above.
- **Hours in One Department:** For B.A. and B.S. degrees, no more than 54 hours in one department may be applied to degree requirements.

## College of Arts and Sciences Requirements

### 1. General Education Requirements

No more than two courses (or eight hours) from the major department (<http://catalog.okstate.edu/college-arts-sciences-major-departments/>) may be used to meet General Education and College and Departmental Requirements. The General Education required English Composition, required U.S. History, required American Government, one required MATH or STAT course, and required foreign language for B.A. degrees do not count against the two-course maximum.

### 2. A&S College/Departmental Requirements

- Arts and Humanities are defined as any course carrying an (H) designation or courses from AMST, ART, DANC, ENGL (except ENGL 3323 Technical Writing) HIST, MUSI, PHIL (except PHIL 1313 Logic and Critical Thinking (A), PHIL 3003 Symbolic Logic (A) and PHIL 4003 Mathematical Logic and Computability), REL, TH, and foreign languages.
- Natural and Mathematical Sciences are defined as any course from the following prefixes: ASTR, BIOC, BIOL, CHEM, CS (except CS 4883 Social Issues in Computing), GEOL, MATH, MICR, PBIO, PHYS, and STAT; or courses from other departments that carry an (A) or (N) general education designation.
- The required six hours of upper-division General Education may not include courses from the student's major department. This requirement may be satisfied by courses also used to satisfy any part of a student's degree program (i.e., in General Education, College Departmental Requirements, Major Requirements or Electives).
- Non-Western Studies Requirement for B.A. and B.F.A.; One 3-hour course in Non-Western Studies (N.W.). This requirement may be satisfied by courses also used to satisfy any part of a student's degree program (i.e., in General Education, College Departmental Requirements, Major Requirements or Electives).
- The College of Arts & Sciences requires a minimum 2.0 GPA in all major requirements and a minimum 2.0 GPA in all major-prefix courses applied to the degree.

### 3. Foreign Language Proficiency

- The foreign language requirement for the B.A. may be satisfied by 9 hours college credit in the same language, which must include 3 hours at the 2000-level, or equivalent proficiency (e.g., passing an advanced standing examination; TOEFL exam; presenting a high school transcript which demonstrates the high school

was primarily conducted in a language other than English; etc.). Computer Science courses may not be used to satisfy this requirement. Currently Arabic and Mvskoke are not offered at the 2000-level at OSU.

- The foreign language requirement for the B.S., B.M. and B.F.A. may be satisfied by presenting a high school transcript which demonstrates two years of study of a single foreign language (passing grades at second-year level of study). It may also be satisfied by 6 hours college credit in the same language, which must include language courses 1713 and 1813, or equivalent proficiency (e.g., passing an advanced standing examination; TOEFL exam; presenting a high school transcript which demonstrates the high school was primarily conducted in a language other than English; etc.). Computer Science courses may not be used to satisfy this requirement.
  - In addition to a. and b., students pursuing teacher certification must meet novice-high foreign language proficiency by presenting a high school transcript which demonstrates two years of study of a single foreign language with no grade below B. Or, students may complete 3 hours college credit in a single language with no grade below C (or pass an advanced standing examination, College Level Examination Program (CLEP) exam, or Oral Proficiency Interview developed by the American Council on the Teaching of Foreign Languages, equivalent to 3 hours of college credit.) Or, students may meet the requirement by transfer of documentation of meeting the foreign language competency from one of the teacher education programs in the State of Oklahoma approved by the Oklahoma State Regents for Higher Education.
- ### 4. Exclusions
- Courses used to satisfy the General Education English Composition, U.S. History, American Government, and Mathematics or Statistics requirements will not count toward the 54-hour maximum allowed from one department.
  - Courses with ATHL or LEIS prefixes and leisure activity courses may not be used for degree credit.

## Additional State/OSU Requirements

- At least: 60 hours at a four-year institution; 30 hours completed at OSU; 15 of the final 30 or 50% of the upper-division hours in the major field completed at OSU.
- Limit of: one-half of major course requirements as transfer work; one-fourth of hours earned by correspondence; 8 transfer correspondence hours.
- Students will be held responsible for degree requirements in effect at the time of matriculation and any changes that are made, so long as these changes do not result in semester credit hours being added or do not delay graduation.
- Degrees that follow this plan must be completed by the end of Summer 2028.

## Example Plan of Study

### Finish in Four Plan of Study

The plan below is an **example** of how students can successfully complete degree requirements in four years. This suggested class schedule plan may be used as a guide and can be adjusted based on individual needs. Students are required to meet with an academic advisor prior to



enrollment each semester to plan their class schedule, and students are ultimately responsible for completing all degree requirements.

Course	Title	Hours
<b>Freshman</b>		
<b>Fall</b>		
STAT 2053 or STAT 2013	Elementary Statistics for the Social Sciences (A) or Elementary Statistics (A)	3
SOC 1113	Introductory Sociology (S)	3
General Education courses		10
<b>Hours</b>		<b>16</b>
<b>Spring</b>		
SOC 2123	Social Problems (DS)	3
General Education courses		11
<b>Hours</b>		<b>14</b>
<b>Sophomore</b>		
<b>Fall</b>		
General Education courses		15
<b>Hours</b>		<b>15</b>
<b>Spring</b>		
Major, College, and Elective courses		15
<b>Hours</b>		<b>15</b>
<b>Junior</b>		
<b>Fall</b>		
SOC 3113	Theoretical Thinking in Sociology	3
Major, College, and Elective courses		12
<b>Hours</b>		<b>15</b>
<b>Spring</b>		
SOC 4133	Social Research Methods	3
Major, College, and Elective courses		12
<b>Hours</b>		<b>15</b>
<b>Senior</b>		
<b>Fall</b>		
SOC 4243	Quantitative Methods in Sociology	3
Major, College, and Elective courses		12
<b>Hours</b>		<b>15</b>
<b>Spring</b>		
Major, College, and Elective courses		15
<b>Hours</b>		<b>15</b>
<b>Total Hours</b>		<b>120</b>

# Sociology: Environment and Society, BA

## Degree Requirements

**Requirements for Students Matriculating in or before Academic Year 2022-2023.** Learn more about University Academic Regulation 3.1 (p. 943).

**Minimum Overall Grade Point Average: 2.00**

**Total Hours: 120**

Code	Title	Hours
<b>General Education Requirements</b>		
<i>English Composition</i>		
See Academic Regulation 3.5 (p. 944)		
ENGL 1113 or ENGL 1313	Composition I Critical Analysis and Writing I	3
ENGL 1213 or ENGL 1413 or ENGL 3323	Composition II Critical Analysis and Writing II Technical Writing	3
<i>American History &amp; Government</i>		
HIST 1103 or HIST 1483 or HIST 1493	Survey of American History American History to 1865 (H) American History Since 1865 (DH)	3
POLS 1113	American Government	3
<i>Analytical &amp; Quantitative Thought (A)</i>		
STAT 2013 or STAT 2053	Elementary Statistics (A) Elementary Statistics for the Social Sciences (A)	3
<i>Humanities (H)</i>		
Courses designated (H)		6
<i>Natural Sciences (N)</i>		
Must include one Laboratory Science (L) course		
Courses designated (N)		6
<i>Social &amp; Behavioral Sciences (S)</i>		
PSYC 1113	Introductory Psychology (S)	3
HDFS 2113	Lifespan Human Development (S)	3
<i>Additional General Education</i>		
Courses designated (A), (H), (N), or (S)		7
<b>Hours Subtotal</b>		<b>40</b>
<b>Diversity (D) &amp; International Dimension (I)</b>		
May be completed in any part of the degree plan.		
At least one Diversity (D) course.		
At least one International Dimension (I) course.		
<b>College/Departmental Requirements</b>		
<i>First Year Seminar</i>		
(Transfer students with 15 hours exempt.)		1
<i>Arts &amp; Humanities</i>		
(See note 2.a.)		9
<i>Natural &amp; Mathematics Sciences</i>		
(See Note 2.b.)		3
<i>Foreign Language</i>		
(See note 3.)		9
<i>Non-Western Studies</i>		

At least one course. (See note 2.d.)

*Upper-Division General Education*

6 hours outside major department (See note 2.c.)

**Hours Subtotal 22**

### Major Requirements

Minimum major GPA 2.50 in major block.

Minimum GPA in all SOC/ANTH courses 2.50 with a minimum grade of "C" in all SOC/ANTH courses.

Minimum 30 hours of courses with SOC/ANTH prefix.

### Core Requirements

SOC 1113 Introductory Sociology (S) 3

SOC 2123 Social Problems (DS) 3

or ANTH 1353 Introduction to Anthropology (S)

SOC 3113 Theoretical Thinking in Sociology 3

SOC 4133 Social Research Methods 3

SOC 4243 Quantitative Methods in Sociology 3

Select 6 hours from: 6

SOC 3133 Racial and Ethnic Relations (DS)

SOC 3993 Sociology of Aging (DS)

SOC 4213 Sociology of Sexualities (S)

SOC 4383 Social Stratification (S)

SOC 4643 Sociology of Gender (S)

### Environment and Society

SOC 3323 Collective Behavior and Social Movements 3

SOC 4433 Environmental Sociology (S) 3

SOC 4453 Environmental Inequality (S) 3

SOC 4463 Technology and Society 3

SOC 4493 Sociology of Environmental Hazards and Disasters 3

Select 15 hours from: 15

SOC 3223 Social Psychology (S)

SOC 3423 Urban Sociology

SOC 3953 Applied Sociology

SOC 4473 Oklahoma Environmental Sociology

SOC 4533 World Population Problems

SOC 4850 Internship in Sociology

AGEC 4503 Environmental Economics and Resource Development

ECON 4913 Urban and Regional Economics

GEOG 3153 Conservation of Natural Resources (S)

GEOG 4123 Geographical Aspects of Urban Planning

HIST 4063 Historic Preservation

HIST 4503 American Urban History (H)

POLS 4363 Environmental Law And Policy

POLS 4593 Natural Resources and Environmental Policy

PSYC 4213 Conflict Resolution (S)

**Hours Subtotal 51**

### Electives

Select 7 hours 7

May need to include 6 hours upper-division general education outside major department (see note 2.c.) and 1 additional upper-division hour.

<b>Hours Subtotal</b>	<b>7</b>
<b>Total Hours</b>	<b>120</b>

## Other Requirements

- See the College of Arts and Sciences Requirements.
- **Upper-Division Credit:** Total hours must include at least 40 hours in courses numbered 3000 or above.
- **Hours in One Department:** For B.A. and B.S. degrees, no more than 54 hours in one department may be applied to degree requirements.

## College of Arts and Sciences Requirements

### 1. General Education Requirements

No more than two courses (or eight hours) from the major department (<http://catalog.okstate.edu/college-arts-sciences-major-departments/>) may be used to meet General Education and College and Departmental Requirements. The General Education required English Composition, required U.S. History, required American Government, one required MATH or STAT course, and required foreign language for B.A. degrees do not count against the two-course maximum.

### 2. A&S College/Departmental Requirements

- Arts and Humanities are defined as any course carrying an (H) designation or courses from AMST, ART, DANC, ENGL (except ENGL 3323 Technical Writing) HIST, MUSI, PHIL (except PHIL 1313 Logic and Critical Thinking (A), PHIL 3003 Symbolic Logic (A) and PHIL 4003 Mathematical Logic and Computability), REL, TH, and foreign languages.
- Natural and Mathematical Sciences are defined as any course from the following prefixes: ASTR, BIOC, BIOL, CHEM, CS (except CS 4883 Social Issues in Computing), GEOL, MATH, MICR, PBIO, PHYS, and STAT; or courses from other departments that carry an (A) or (N) general education designation.
- The required six hours of upper-division General Education may not include courses from the student's major department. This requirement may be satisfied by courses also used to satisfy any part of a student's degree program (i.e., in General Education, College Departmental Requirements, Major Requirements or Electives).
- Non-Western Studies Requirement for B.A. and B.F.A.; One 3-hour course in Non-Western Studies (N.W.). This requirement may be satisfied by courses also used to satisfy any part of a student's degree program (i.e., in General Education, College Departmental Requirements, Major Requirements or Electives).
- The College of Arts & Sciences requires a minimum 2.0 GPA in all major requirements and a minimum 2.0 GPA in all major-prefix courses applied to the degree.

### 3. Foreign Language Proficiency

- The foreign language requirement for the B.A. may be satisfied by 9 hours college credit in the same language, which must include 3 hours at the 2000-level, or equivalent proficiency (e.g., passing an advanced standing examination; TOEFL exam; presenting a high school transcript which demonstrates the high school was primarily conducted in a language other than English; etc.). Computer Science courses may not be used to satisfy this requirement. Currently Arabic and Mvskoke are not offered at the 2000-level at OSU.

- The foreign language requirement for the B.S., B.M. and B.F.A. may be satisfied by presenting a high school transcript which demonstrates two years of study of a single foreign language (passing grades at second-year level of study). It may also be satisfied by 6 hours college credit in the same language, which must include language courses 1713 and 1813, or equivalent proficiency (e.g., passing an advanced standing examination; TOEFL exam; presenting a high school transcript which demonstrates the high school was primarily conducted in a language other than English; etc.). Computer Science courses may not be used to satisfy this requirement.
- In addition to a. and b., students pursuing teacher certification must meet novice-high foreign language proficiency by presenting a high school transcript which demonstrates two years of study of a single foreign language with no grade below B. Or, students may complete 3 hours college credit in a single language with no grade below C (or pass an advanced standing examination, College Level Examination Program (CLEP) exam, or Oral Proficiency Interview developed by the American Council on the Teaching of Foreign Languages, equivalent to 3 hours of college credit.) Or, students may meet the requirement by transfer of documentation of meeting the foreign language competency from one of the teacher education programs in the State of Oklahoma approved by the Oklahoma State Regents for Higher Education.

### 4. Exclusions

- Courses used to satisfy the General Education English Composition, U.S. History, American Government, and Mathematics or Statistics requirements will not count toward the 54-hour maximum allowed from one department.
- Courses with ATHL or LEIS prefixes and leisure activity courses may not be used for degree credit.

## Additional State/OSU Requirements

- At least: 60 hours at a four-year institution; 30 hours completed at OSU; 15 of the final 30 or 50% of the upper-division hours in the major field completed at OSU.
- Limit of: one-half of major course requirements as transfer work; one-fourth of hours earned by correspondence; 8 transfer correspondence hours.
- Students will be held responsible for degree requirements in effect at the time of matriculation and any changes that are made, so long as these changes do not result in semester credit hours being added or do not delay graduation.
- Degrees that follow this plan must be completed by the end of Summer 2028.

## Example Plan of Study

### Finish in Four Plan of Study

The plan below is an **example** of how students can successfully complete degree requirements in four years. This suggested class schedule plan may be used as a guide and can be adjusted based on individual needs. Students are required to meet with an academic advisor prior to enrollment each semester to plan their class schedule, and students are ultimately responsible for completing all degree requirements.

Course	Title	Hours
<b>Freshman</b>		
<b>Fall</b>		
STAT 2053 or STAT 2013	Elementary Statistics for the Social Sciences (A) or Elementary Statistics (A)	3
SOC 1113	Introductory Sociology (S)	3
1713 First Semester Foreign Language		3
General Education courses		5
<b>Hours</b>		<b>14</b>
<b>Spring</b>		
SOC 2123	Social Problems (DS)	3
1813 Second Semester Foreign Language		3
General Education courses		10
<b>Hours</b>		<b>16</b>
<b>Sophomore</b>		
<b>Fall</b>		
2000-level Foreign Language		3
General Education courses		12
<b>Hours</b>		<b>15</b>
<b>Spring</b>		
Major, College, and Elective courses		15
<b>Hours</b>		<b>15</b>
<b>Junior</b>		
<b>Fall</b>		
SOC 3113	Theoretical Thinking in Sociology	3
Major, College, and Elective courses		12
<b>Hours</b>		<b>15</b>
<b>Spring</b>		
SOC 4133	Social Research Methods	3
Major, College, and Elective courses		12
<b>Hours</b>		<b>15</b>
<b>Senior</b>		
<b>Fall</b>		
SOC 4243	Quantitative Methods in Sociology	3
Major, College, and Elective courses		12
<b>Hours</b>		<b>15</b>
<b>Spring</b>		
Major, College, and Elective courses		15
<b>Hours</b>		<b>15</b>
<b>Total Hours</b>		<b>120</b>

# Sociology: Environment and Society, BS

## Degree Requirements

**Requirements for Students Matriculating in or before Academic Year 2022-2023.** Learn more about University Academic Regulation 3.1 (p. 943).

**Minimum Overall Grade Point Average: 2.00**

**Total Hours: 120**

Code	Title	Hours
<b>General Education Requirements</b>		
<i>English Composition</i>		
See Academic Regulation 3.5 (p. 944)		
ENGL 1113 or ENGL 1313	Composition I Critical Analysis and Writing I	3
ENGL 1213 or ENGL 1413 or ENGL 3323	Composition II Critical Analysis and Writing II Technical Writing	3
<i>American History &amp; Government</i>		
HIST 1103 or HIST 1483 or HIST 1493	Survey of American History American History to 1865 (H) American History Since 1865 (DH)	3
POLS 1113	American Government	3
<i>Analytical &amp; Quantitative Thought (A)</i>		
STAT 2013 or STAT 2053	Elementary Statistics (A) Elementary Statistics for the Social Sciences (A)	3
<i>Humanities (H)</i>		
Courses designated (H)		6
<i>Natural Sciences (N)</i>		
Must include one Laboratory Science (L) course		
Courses designated (N)		6
<i>Social &amp; Behavioral Sciences (S)</i>		
PSYC 1113	Introductory Psychology (S)	3
HDFS 2113	Lifespan Human Development (S)	3
<i>Additional General Education</i>		
Courses designated (A), (H), (N), or (S)		7
<b>Hours Subtotal</b>		<b>40</b>
<b>Diversity (D) &amp; International Dimension (I)</b>		
May be completed in any part of the degree plan.		
At least one Diversity (D) course.		
At least one International Dimension (I) course.		
<b>College/Departmental Requirements</b>		
<i>First Year Seminar</i>		
(Transfer students with 15 hours exempt.)		1
<i>Arts &amp; Humanities</i>		
(See note 2.a.)		3
<i>Natural &amp; Mathematics Sciences</i>		
(See Note 2.b.)		9
<i>Foreign Language</i>		
(See note 3.)		0-6 hours

### Upper-Division General Education

6 hours outside major department (See note 2.c.)

**Hours Subtotal** 13

### Major Requirements

Minimum major GPA 2.50 in major block.

Minimum GPA 2.50. Minimum GPA in all SOC/ANTH 2.50 with minimum grade of "C" in all SOC/ANTH courses.

Minimum 30 hours of courses with SOC/ANTH prefix.

### Core Requirements

SOC 1113	Introductory Sociology (S)	3
SOC 2123 or ANTH 1353	Social Problems (DS) Introduction to Anthropology (S)	3
SOC 3113	Theoretical Thinking in Sociology	3
SOC 4133	Social Research Methods	3
SOC 4243	Quantitative Methods in Sociology	3
Select 6 hours of the following:		6
SOC 3133	Racial and Ethnic Relations (DS)	
SOC 3993	Sociology of Aging (DS)	
SOC 4213	Sociology of Sexualities (S)	
SOC 4383	Social Stratification (S)	
SOC 4643	Sociology of Gender (S)	

### Environment and Society

SOC 3323	Collective Behavior and Social Movements	3
SOC 4433	Environmental Sociology (S)	3
SOC 4453	Environmental Inequality (S)	3
SOC 4463	Technology and Society	3
SOC 4493	Sociology of Environmental Hazards and Disasters	3

Select 15 hours from the following: 15

SOC 3223	Social Psychology (S)	
SOC 3423	Urban Sociology	
SOC 3953	Applied Sociology	
SOC 4473	Oklahoma Environmental Sociology	
SOC 4533	World Population Problems	
SOC 4850	Internship in Sociology	
AGEC 4503	Environmental Economics and Resource Development	
ECON 4913	Urban and Regional Economics	
GEOG 3123	Urban Geography (S)	
GEOG 3153	Conservation of Natural Resources (S)	
GEOG 4123	Geographical Aspects of Urban Planning	
HIST 4063	Historic Preservation	
HIST 4503	American Urban History (H)	
POLS 4363	Environmental Law And Policy	
POLS 4593	Natural Resources and Environmental Policy	
PSYC 4213	Conflict Resolution (S)	

**Hours Subtotal** 51

### Electives

Select 16 hours 16

May need to include 6 hours upper-division general education outside major department (see note 2.c.) and 1 additional upper-division hour.

<b>Hours Subtotal</b>	<b>16</b>
Total Hours	
<b>Total Hours</b>	<b>120</b>

## Other Requirements

- See the College of Arts and Sciences Requirements.
- **Upper-Division Credit:** Total hours must include at least 40 hours in courses numbered 3000 or above.
- **Hours in One Department:** For B.A. and B.S. degrees, no more than 54 hours in one department may be applied to degree requirements.

## College of Arts and Sciences Requirements

### 1. General Education Requirements

No more than two courses (or eight hours) from the major department (<http://catalog.okstate.edu/college-arts-sciences-major-departments/>) may be used to meet General Education and College and Departmental Requirements. The General Education required English Composition, required U.S. History, required American Government, one required MATH or STAT course, and required foreign language for B.A. degrees do not count against the two-course maximum.

### 2. A&S College/Departmental Requirements

- Arts and Humanities are defined as any course carrying an (H) designation or courses from AMST, ART, DANC, ENGL (except ENGL 3323 Technical Writing) HIST, MUSI, PHIL (except PHIL 1313 Logic and Critical Thinking (A), PHIL 3003 Symbolic Logic (A) and PHIL 4003 Mathematical Logic and Computability), REL, TH, and foreign languages.
- Natural and Mathematical Sciences are defined as any course from the following prefixes: ASTR, BIOC, BIOL, CHEM, CS (except CS 4883 Social Issues in Computing), GEOL, MATH, MICR, PBIO, PHYS, and STAT; or courses from other departments that carry an (A) or (N) general education designation.
- The required six hours of upper-division General Education may not include courses from the student's major department. This requirement may be satisfied by courses also used to satisfy any part of a student's degree program (i.e., in General Education, College Departmental Requirements, Major Requirements or Electives).
- Non-Western Studies Requirement for B.A. and B.F.A.; One 3-hour course in Non-Western Studies (N.W.). This requirement may be satisfied by courses also used to satisfy any part of a student's degree program (i.e., in General Education, College Departmental Requirements, Major Requirements or Electives).
- The College of Arts & Sciences requires a minimum 2.0 GPA in all major requirements and a minimum 2.0 GPA in all major-prefix courses applied to the degree.

### 3. Foreign Language Proficiency

- The foreign language requirement for the B.A. may be satisfied by 9 hours college credit in the same language, which must include 3 hours at the 2000-level, or equivalent proficiency (e.g., passing an advanced standing examination; TOEFL exam; presenting a high school transcript which demonstrates the high school was primarily conducted in a language other than English; etc.). Computer Science courses may not be used to satisfy this requirement. Currently Arabic and Mvskoke are not offered at the 2000-level at OSU.

- The foreign language requirement for the B.S., B.M. and B.F.A. may be satisfied by presenting a high school transcript which demonstrates two years of study of a single foreign language (passing grades at second-year level of study). It may also be satisfied by 6 hours college credit in the same language, which must include language courses 1713 and 1813, or equivalent proficiency (e.g., passing an advanced standing examination; TOEFL exam; presenting a high school transcript which demonstrates the high school was primarily conducted in a language other than English; etc.). Computer Science courses may not be used to satisfy this requirement.
- In addition to a. and b., students pursuing teacher certification must meet novice-high foreign language proficiency by presenting a high school transcript which demonstrates two years of study of a single foreign language with no grade below B. Or, students may complete 3 hours college credit in a single language with no grade below C (or pass an advanced standing examination, College Level Examination Program (CLEP) exam, or Oral Proficiency Interview developed by the American Council on the Teaching of Foreign Languages, equivalent to 3 hours of college credit.) Or, students may meet the requirement by transfer of documentation of meeting the foreign language competency from one of the teacher education programs in the State of Oklahoma approved by the Oklahoma State Regents for Higher Education.

### 4. Exclusions

- Courses used to satisfy the General Education English Composition, U.S. History, American Government, and Mathematics or Statistics requirements will not count toward the 54-hour maximum allowed from one department.
- Courses with ATHL or LEIS prefixes and leisure activity courses may not be used for degree credit.

## Additional State/OSU Requirements

- At least: 60 hours at a four-year institution; 30 hours completed at OSU; 15 of the final 30 or 50% of the upper-division hours in the major field completed at OSU.
- Limit of: one-half of major course requirements as transfer work; one-fourth of hours earned by correspondence; 8 transfer correspondence hours.
- Students will be held responsible for degree requirements in effect at the time of matriculation and any changes that are made, so long as these changes do not result in semester credit hours being added or do not delay graduation.
- Degrees that follow this plan must be completed by the end of Summer 2028.

## Example Plan of Study

### Finish in Four Plan of Study

The plan below is an **example** of how students can successfully complete degree requirements in four years. This suggested class schedule plan may be used as a guide and can be adjusted based on individual needs. Students are required to meet with an academic advisor prior to enrollment each semester to plan their class schedule, and students are ultimately responsible for completing all degree requirements.



1800 Sociology: Environment and Society, BS

Course	Title	Hours
<b>Freshman</b>		
<b>Fall</b>		
STAT 2053 or STAT 2013	Elementary Statistics for the Social Sciences (A) or Elementary Statistics (A)	3
SOC 1113	Introductory Sociology (S)	3
General Education courses		10
<b>Hours</b>		<b>16</b>
<b>Spring</b>		
SOC 2123	Social Problems (DS)	3
General Education courses		11
<b>Hours</b>		<b>14</b>
<b>Sophomore</b>		
<b>Fall</b>		
General Education courses		15
<b>Hours</b>		<b>15</b>
<b>Spring</b>		
Major, College, and Elective courses		15
<b>Hours</b>		<b>15</b>
<b>Junior</b>		
<b>Fall</b>		
SOC 3113	Theoretical Thinking in Sociology	3
Major, College, and Elective courses		12
<b>Hours</b>		<b>15</b>
<b>Spring</b>		
SOC 4133	Social Research Methods	3
Major, College, and Elective courses		12
<b>Hours</b>		<b>15</b>
<b>Senior</b>		
<b>Fall</b>		
SOC 4243	Quantitative Methods in Sociology	3
Major, College, and Elective courses		12
<b>Hours</b>		<b>15</b>
<b>Spring</b>		
Major, College, and Elective courses		15
<b>Hours</b>		<b>15</b>
<b>Total Hours</b>		<b>120</b>

## Sociology: Pre-Law, BS

### Degree Requirements

**Requirements for Students Matriculating in or before Academic Year 2022-2023.** Learn more about University Academic Regulation 3.1 (p. 943).

**Minimum Overall Grade Point Average:** 2.00

**Total Hours:** 120

Code	Title	Hours
<b>General Education Requirements</b>		
<i>English Composition</i>		
See Academic Regulation 3.5 (p. 944)		
ENGL 1113	Composition I	3
or ENGL 1313	Critical Analysis and Writing I	
ENGL 1213	Composition II	3
or ENGL 1413	Critical Analysis and Writing II	
or ENGL 3323	Technical Writing	
<i>American History &amp; Government</i>		
HIST 1103	Survey of American History	3
or HIST 1483	American History to 1865 (H)	
or HIST 1493	American History Since 1865 (DH)	
POLS 1113	American Government	3
<i>Analytical &amp; Quantitative Thought (A)</i>		
STAT 2013	Elementary Statistics (A)	3
or STAT 2053	Elementary Statistics for the Social Sciences (A)	
PHIL 1313	Logic and Critical Thinking (A)	3
<i>Humanities (H)</i>		
Courses designated (H)		6
<i>Natural Sciences (N)</i>		
Must include one Laboratory Science (L) course		
Courses designated (N)		6
<i>Social &amp; Behavioral Sciences (S)</i>		
PSYC 1113	Introductory Psychology (S)	3
HDFS 2113	Lifespan Human Development (S)	3
<i>Additional General Education</i>		
Courses designated (A), (H), (N), or (S)		4
<b>Hours Subtotal</b>		<b>40</b>
<b>Diversity (D) &amp; International Dimension (I)</b>		
May be completed in any part of the degree plan		
Select at least one Diversity (D) course		
Select at least one International Dimension (I) course		
<b>College/Departmental Requirements</b>		
<i>First Year Seminar</i>		
(Transfer students with 15 hours exempt)		1
<i>Arts &amp; Humanities</i>		
See note 2.a.		3
<i>Natural &amp; Mathematical Sciences</i>		
See note 2.b.		9
<i>Foreign Language</i>		
See note 3.		0
0-6 hours		

#### Upper-Division General Education

Select 6 hours outside major department

See note 2.c.

**Hours Subtotal** **13**

#### Major Requirements

Minimum GPA 2.50.

Minimum GPA in all SOC/ANTH courses 2.50 with a minimum grade of "C" in all SOC/ANTH courses.

Minimum 30 hours of courses with SOC/ANTH prefix.

#### Core Requirements

SOC 1113 Introductory Sociology (S) 3

SOC 2123 Social Problems (DS) 3

or ANTH 3353 Cultural Anthropology (IS)

SOC 3113 Theoretical Thinking in Sociology 3

SOC 4133 Social Research Methods 3

SOC 4243 Quantitative Methods in Sociology 3

Select 6 hours of the following: 6

SOC 3133 Racial and Ethnic Relations (DS)

SOC 3993 Sociology of Aging (DS)

SOC 4213 Sociology of Sexualities (S)

SOC 4383 Social Stratification (S)

SOC 4643 Sociology of Gender (S)

SOC 3223 Social Psychology (S) 3

SOC 3523 Juvenile Delinquency (DS) 3

SOC 4033 Comparative Perspectives of Criminal Justice Systems (IS) 3

SOC 4313 Sociology of Law 3

SOC 4333 Criminology (S) 3

SOC 4923 Sociology of Punishment (S) 3

Select 9 hours of approved law related courses. 3 hours may be lower-division. 9

#### Recommended:

AMIS 4013 American Indian Sovereignty (D)

AMST 3333 Crime, Law and American Culture (S)

ECON 2103 Introduction to Microeconomics (S)

PHIL 3843 Philosophy of Law (H)

POLS 3963 State Courts and the Bar

POLS 4353 Administrative Law

POLS 4963 U.S. Constitution: Civil Rights and Civil Liberties

PSYC 4143 Psychology and Law

SPCH 3733 Elements of Persuasion (S)

SPCH 4753 Intercultural Communication (I)

SPCH 4793 Nonverbal Communication (S)

**Hours Subtotal** **48**

#### Electives

Select 19 hours 19

May need to include 6 hours of a foreign language (see note 3)

May need to include 6 hours upper-division general education outside major department (see note 2.c.)

**Hours Subtotal** **19**

**Total Hours** **120**

## Other Requirements

- See the College of Arts and Sciences Requirements.
- **Upper-Division Credit:** Total hours must include at least 40 hours in courses numbered 3000 or above.
- **Hours in One Department:** For B.A. and B.S. degrees, no more than 54 hours in one department may be applied to degree requirements.

## College of Arts and Sciences Requirements

### 1. General Education Requirements

No more than two courses (or eight hours) from the major department (<http://catalog.okstate.edu/college-arts-sciences-major-departments/>) may be used to meet General Education and College and Departmental Requirements. The General Education required English Composition, required U.S. History, required American Government, one required MATH or STAT course, and required foreign language for B.A. degrees do not count against the two-course maximum.

### 2. A&S College/Departmental Requirements

- Arts and Humanities are defined as any course carrying an (H) designation or courses from AMST, ART, DANC, ENGL (except ENGL 3323 Technical Writing) HIST, MUSI, PHIL (except PHIL 1313 Logic and Critical Thinking (A), PHIL 3003 Symbolic Logic (A) and PHIL 4003 Mathematical Logic and Computability), REL, TH, and foreign languages.
- Natural and Mathematical Sciences are defined as any course from the following prefixes: ASTR, BIOC, BIOL, CHEM, CS (except CS 4883 Social Issues in Computing), GEOL, MATH, MICR, PBIO, PHYS, and STAT; or courses from other departments that carry an (A) or (N) general education designation.
- The required six hours of upper-division General Education may not include courses from the student's major department. This requirement may be satisfied by courses also used to satisfy any part of a student's degree program (i.e., in General Education, College Departmental Requirements, Major Requirements or Electives).
- Non-Western Studies Requirement for B.A. and B.F.A.; One 3-hour course in Non-Western Studies (N.W.). This requirement may be satisfied by courses also used to satisfy any part of a student's degree program (i.e., in General Education, College Departmental Requirements, Major Requirements or Electives).
- The College of Arts & Sciences requires a minimum 2.0 GPA in all major requirements and a minimum 2.0 GPA in all major-prefix courses applied to the degree.

### 3. Foreign Language Proficiency

- The foreign language requirement for the B.A. may be satisfied by 9 hours college credit in the same language, which must include 3 hours at the 2000-level, or equivalent proficiency (e.g., passing an advanced standing examination; TOEFL exam; presenting a high school transcript which demonstrates the high school was primarily conducted in a language other than English; etc.). Computer Science courses may not be used to satisfy this requirement. Currently Arabic and Mvskoke are not offered at the 2000-level at OSU.
- The foreign language requirement for the B.S., B.M. and B.F.A. may be satisfied by presenting a high school transcript which demonstrates two years of study of a single foreign language (passing grades at second-year level of study). It may also

be satisfied by 6 hours college credit in the same language, which must include language courses 1713 and 1813, or equivalent proficiency (e.g., passing an advanced standing examination; TOEFL exam; presenting a high school transcript which demonstrates the high school was primarily conducted in a language other than English; etc.). Computer Science courses may not be used to satisfy this requirement.

- In addition to a. and b., students pursuing teacher certification must meet novice-high foreign language proficiency by presenting a high school transcript which demonstrates two years of study of a single foreign language with no grade below B. Or, students may complete 3 hours college credit in a single language with no grade below C (or pass an advanced standing examination, College Level Examination Program (CLEP) exam, or Oral Proficiency Interview developed by the American Council on the Teaching of Foreign Languages, equivalent to 3 hours of college credit.) Or, students may meet the requirement by transfer of documentation of meeting the foreign language competency from one of the teacher education programs in the State of Oklahoma approved by the Oklahoma State Regents for Higher Education.

### 4. Exclusions

- Courses used to satisfy the General Education English Composition, U.S. History, American Government, and Mathematics or Statistics requirements will not count toward the 54-hour maximum allowed from one department.
- Courses with ATHL or LEIS prefixes and leisure activity courses may not be used for degree credit.

## Additional State/OSU Requirements

- At least: 60 hours at a four-year institution; 30 hours completed at OSU; 15 of the final 30 or 50% of the upper-division hours in the major field completed at OSU.
- Limit of: one-half of major course requirements as transfer work; one-fourth of hours earned by correspondence; 8 transfer correspondence hours.
- Students will be held responsible for degree requirements in effect at the time of matriculation and any changes that are made, so long as these changes do not result in semester credit hours being added or do not delay graduation.
- Degrees that follow this plan must be completed by the end of Summer 2028.

## Example Plan of Study

### Finish in Four Plan of Study

The plan below is an **example** of how students can successfully complete degree requirements in four years. This suggested class schedule plan may be used as a guide and can be adjusted based on individual needs. Students are required to meet with an academic advisor prior to enrollment each semester to plan their class schedule, and students are ultimately responsible for completing all degree requirements.

Course	Title	Hours
<b>Freshman</b>		
<b>Fall</b>		
STAT 2053 or STAT 2013	Elementary Statistics for the Social Sciences (A) or Elementary Statistics (A)	3
SOC 1113	Introductory Sociology (S)	3

General Education courses		10
	<b>Hours</b>	<b>16</b>
<b>Spring</b>		
SOC 2123	Social Problems (DS)	3
General Education courses		11
	<b>Hours</b>	<b>14</b>
<b>Sophomore</b>		
<b>Fall</b>		
PHIL 1313	Logic and Critical Thinking (A)	3
General Education courses		12
	<b>Hours</b>	<b>15</b>
<b>Spring</b>		
Major, College, and Elective courses		15
	<b>Hours</b>	<b>15</b>
<b>Junior</b>		
<b>Fall</b>		
SOC 3113	Theoretical Thinking in Sociology	3
Major, College, and Elective courses		12
	<b>Hours</b>	<b>15</b>
<b>Spring</b>		
SOC 4133	Social Research Methods	3
Major, College, and Elective courses		12
	<b>Hours</b>	<b>15</b>
<b>Senior</b>		
<b>Fall</b>		
SOC 4243	Quantitative Methods in Sociology	3
Major, College, and Elective courses		12
	<b>Hours</b>	<b>15</b>
<b>Spring</b>		
Major, College, and Elective courses		15
	<b>Hours</b>	<b>15</b>
	<b>Total Hours</b>	<b>120</b>

## Sociology: Pre-Medical Science, BS

### Degree Requirements

**Requirements for Students Matriculating in or before Academic Year 2022-2023.** Learn more about University Academic Regulation 3.1 (p. 943).

**Minimum Overall Grade Point Average: 2.00**

**Total Hours: 120**

Code	Title	Hours
<b>General Education Requirements</b>		
<i>English Composition</i>		
See Academic Regulation 3.5 (p. 944)		
ENGL 1113	Composition I	3
or ENGL 1313	Critical Analysis and Writing I	
ENGL 1213	Composition II	3
or ENGL 1413	Critical Analysis and Writing II	
or ENGL 3323	Technical Writing	
<i>American History &amp; Government</i>		
HIST 1103	Survey of American History	3
or HIST 1483	American History to 1865 (H)	
or HIST 1493	American History Since 1865 (DH)	
POLS 1113	American Government	3
<i>Analytical &amp; Quantitative Thought (A)</i>		
STAT 2013	Elementary Statistics (A)	3
or STAT 2053	Elementary Statistics for the Social Sciences (A)	
<i>Humanities (H)</i>		
Courses designated (H)		6
<i>Natural Sciences (N)</i>		
Must include one Laboratory Science (L) course		
BIOL 1113	Introductory Biology (N)	4
& BIOL 1111	and Introductory Biology Laboratory (LN)	
or BIOL 1114	Introductory Biology (LN)	
CHEM 1314	Chemistry I (LN)	4
PHYS 1114	College Physics I (LN)	4
or PHYS 2014	University Physics I (LN)	
<i>Social &amp; Behavioral Sciences (S)</i>		
Course designated (S)		3
<i>Additional General Education</i>		
Courses designated (A), (H), (N), or (S)		6
<b>Hours Subtotal</b>		<b>42</b>
<b>Diversity (D) &amp; International Dimension (I)</b>		
May be completed in any part of the degree plan		
Select at least one Diversity (D) course		
Select at least one International Dimension (I) course		
<b>College/Departmental Requirements</b>		
<i>First Year Seminar</i>		
(Transfer students with 15 hours exempt)		1
<i>Arts &amp; Humanities</i>		
See note 2.a.		3
<i>Natural &amp; Mathematical Sciences</i>		
CHEM 1515	Chemistry II (LN)	5

BIOL 1604	Animal Biology	4
<i>Foreign Language</i>		
See note 3		
0-6 hours		
<i>Upper-Division General Education</i>		
Select 6 hours outside major department		
See note 2.c.		
<b>Hours Subtotal</b>		<b>13</b>
<b>Major Requirements</b>		
Minimum GPA 2.50.		
Minimum GPA in all SOC/ANTH courses 2.50 with a minimum grade of "C" in all SOC/ANTH courses.		
Minimum 30 hours of courses with SOC/ANTH prefix.		
<i>Core Requirements</i>		
SOC 1113	Introductory Sociology (S)	3
SOC 2123	Social Problems (DS)	3
or ANTH 3353	Cultural Anthropology (IS)	
SOC 3113	Theoretical Thinking in Sociology	3
SOC 4133	Social Research Methods	3
SOC 4243	Quantitative Methods in Sociology	3
Select 21 hours of upper-division courses from the following:		21
SOC 3133	Racial and Ethnic Relations (DS)	
SOC 3223	Social Psychology (S)	
SOC 3993	Sociology of Aging (DS)	
SOC 4043	Gender and Work (DS)	
SOC 4153	Sociology of Health and Illness	
SOC 4213	Sociology of Sexualities (S)	
SOC 4383	Social Stratification (S)	
SOC 4433	Environmental Sociology (S)	
SOC 4453	Environmental Inequality (S)	
SOC 4533	World Population Problems	
SOC 4643	Sociology of Gender (S)	
BIOL 3023	General Genetics <sup>1</sup>	3
CHEM 3053	Organic Chemistry I <sup>1</sup>	3
CHEM 3112	Organic Chemistry Laboratory <sup>1</sup>	2
CHEM 3153	Organic Chemistry II <sup>1</sup>	3
PHYS 1214	College Physics II (LN) <sup>1</sup>	4
or PHYS 2114	University Physics II (LN)	
<b>Hours Subtotal</b>		<b>51</b>
<b>Electives</b>		
Select 14 hours <sup>1, 2</sup>		14
May need to include 6 hours of a foreign language. See note 3.		
May need to include 6 hours upper-division general education outside major department (see note 2.c.)		
<b>Hours Subtotal</b>		<b>14</b>
<b>Total Hours</b>		<b>120</b>

1

With approval from the advisor and department head, a maximum of 30 hours from an accredited doctoral law or health program may be used for these areas.

2

Recommend: BIOC 3653 Survey of Biochemistry & MICR 3033 Cell and Molecular Biology.

## Other Requirements

- See the College of Arts and Sciences Requirements.
- **Upper-Division Credit:** Total hours must include at least 40 hours in courses numbered 3000 or above.
- **Hours in One Department:** For B.A. and B.S. degrees, no more than 54 hours in one department may be applied to degree requirements.

## College of Arts and Sciences Requirements

### 1. General Education Requirements

No more than two courses (or eight hours) from the major department (<http://catalog.okstate.edu/college-arts-sciences-major-departments/>) may be used to meet General Education and College and Departmental Requirements. The General Education required English Composition, required U.S. History, required American Government, one required MATH or STAT course, and required foreign language for B.A. degrees do not count against the two-course maximum.

### 2. A&S College/Departmental Requirements

- Arts and Humanities are defined as any course carrying an (H) designation or courses from AMST, ART, DANC, ENGL (except ENGL 3323 Technical Writing) HIST, MUSI, PHIL (except PHIL 1313 Logic and Critical Thinking (A), PHIL 3003 Symbolic Logic (A) and PHIL 4003 Mathematical Logic and Computability), REL, TH, and foreign languages.
- Natural and Mathematical Sciences are defined as any course from the following prefixes: ASTR, BIOC, BIOL, CHEM, CS (except CS 4883 Social Issues in Computing), GEOL, MATH, MICR, PBIO, PHYS, and STAT; or courses from other departments that carry an (A) or (N) general education designation.
- The required six hours of upper-division General Education may not include courses from the student's major department. This requirement may be satisfied by courses also used to satisfy any part of a student's degree program (i.e., in General Education, College Departmental Requirements, Major Requirements or Electives).
- Non-Western Studies Requirement for B.A. and B.F.A.; One 3-hour course in Non-Western Studies (N.W.). This requirement may be satisfied by courses also used to satisfy any part of a student's degree program (i.e., in General Education, College Departmental Requirements, Major Requirements or Electives).
- The College of Arts & Sciences requires a minimum 2.0 GPA in all major requirements and a minimum 2.0 GPA in all major-prefix courses applied to the degree.

### 3. Foreign Language Proficiency

- The foreign language requirement for the B.A. may be satisfied by 9 hours college credit in the same language, which must include 3 hours at the 2000-level, or equivalent proficiency (e.g., passing an advanced standing examination; TOEFL exam; presenting a high school transcript which demonstrates the high school was primarily conducted in a language other than English; etc.). Computer Science courses may not be used to satisfy this requirement. Currently Arabic and Mvskoke are not offered at the 2000-level at OSU.

- The foreign language requirement for the B.S., B.M. and B.F.A. may be satisfied by presenting a high school transcript which demonstrates two years of study of a single foreign language (passing grades at second-year level of study). It may also be satisfied by 6 hours college credit in the same language, which must include language courses 1713 and 1813, or equivalent proficiency (e.g., passing an advanced standing examination; TOEFL exam; presenting a high school transcript which demonstrates the high school was primarily conducted in a language other than English; etc.). Computer Science courses may not be used to satisfy this requirement.
- In addition to a. and b., students pursuing teacher certification must meet novice-high foreign language proficiency by presenting a high school transcript which demonstrates two years of study of a single foreign language with no grade below B. Or, students may complete 3 hours college credit in a single language with no grade below C (or pass an advanced standing examination, College Level Examination Program (CLEP) exam, or Oral Proficiency Interview developed by the American Council on the Teaching of Foreign Languages, equivalent to 3 hours of college credit.) Or, students may meet the requirement by transfer of documentation of meeting the foreign language competency from one of the teacher education programs in the State of Oklahoma approved by the Oklahoma State Regents for Higher Education.

### 4. Exclusions

- Courses used to satisfy the General Education English Composition, U.S. History, American Government, and Mathematics or Statistics requirements will not count toward the 54-hour maximum allowed from one department.
- Courses with ATHL or LEIS prefixes and leisure activity courses may not be used for degree credit.

## Additional State/OSU Requirements

- At least: 60 hours at a four-year institution; 30 hours completed at OSU; 15 of the final 30 or 50% of the upper-division hours in the major field completed at OSU.
- Limit of: one-half of major course requirements as transfer work; one-fourth of hours earned by correspondence; 8 transfer correspondence hours.
- Students will be held responsible for degree requirements in effect at the time of matriculation and any changes that are made, so long as these changes do not result in semester credit hours being added or do not delay graduation.
- Degrees that follow this plan must be completed by the end of Summer 2028.

## Example Plan of Study

### Finish in Four Plan of Study

The plan below is an **example** of how students can successfully complete degree requirements in four years. This suggested class schedule plan may be used as a guide and can be adjusted based on individual needs. Students are required to meet with an academic advisor prior to enrollment each semester to plan their class schedule, and students are ultimately responsible for completing all degree requirements.



Course	Title	Hours
<b>Freshman</b>		
<b>Fall</b>		
STAT 2053 or STAT 2013	Elementary Statistics for the Social Sciences (A) or Elementary Statistics (A)	3
SOC 1113	Introductory Sociology (S)	3
BIOL 1114	Introductory Biology (LN)	4
General Education courses		5
<b>Hours</b>		<b>15</b>
<b>Spring</b>		
SOC 2123	Social Problems (DS)	3
CHEM 1314	Chemistry I (LN)	4
General Education courses		8
<b>Hours</b>		<b>15</b>
<b>Sophomore</b>		
<b>Fall</b>		
CHEM 1515	Chemistry II (LN)	5
BIOL 1604	Animal Biology	4
General Education courses		6
<b>Hours</b>		<b>15</b>
<b>Spring</b>		
CHEM 3053	Organic Chemistry I	3
3 hours Pre-Med Science		3
Major, College, and Elective courses		9
<b>Hours</b>		<b>15</b>
<b>Junior</b>		
<b>Fall</b>		
SOC 3113	Theoretical Thinking in Sociology	3
CHEM 3153	Organic Chemistry II	3
CHEM 3112	Organic Chemistry Laboratory	2
PHYS 1114	College Physics I (LN)	4
Major, College, and Elective courses		3
<b>Hours</b>		<b>15</b>
<b>Spring</b>		
SOC 4133	Social Research Methods	3
PHYS 1214	College Physics II (LN)	4
BIOL 3023	General Genetics	3
Major, College, and Elective courses		5
<b>Hours</b>		<b>15</b>
<b>Senior</b>		
<b>Fall</b>		
SOC 4243	Quantitative Methods in Sociology	3
Major, College, and Elective courses		12
<b>Hours</b>		<b>15</b>
<b>Spring</b>		
Major, College, and Elective courses		15
<b>Hours</b>		<b>15</b>
<b>Total Hours</b>		<b>120</b>

## Sociology: Social Services, BA

### Degree Requirements

**Requirements for Students Matriculating in or before Academic Year 2022-2023.** Learn more about University Academic Regulation 3.1 (p. 943).

**Minimum Overall Grade Point Average:** 2.00

**Total Hours:** 120

Code	Title	Hours
<b>General Education Requirements</b>		
<i>English Composition</i>		
See Academic Regulation 3.5 (p. 944)		
ENGL 1113 or ENGL 1313	Composition I Critical Analysis and Writing I	3
ENGL 1213 or ENGL 1413 or ENGL 3323	Composition II Critical Analysis and Writing II Technical Writing	3
<i>American History &amp; Government</i>		
HIST 1103 or HIST 1483 or HIST 1493	Survey of American History American History to 1865 (H) American History Since 1865 (DH)	3
POLS 1113	American Government	3
<i>Analytical &amp; Quantitative Thought (A)</i>		
STAT 2013 or STAT 2053	Elementary Statistics (A) Elementary Statistics for the Social Sciences (A)	3
<i>Humanities (H)</i>		
Courses designated (H)		6
<i>Natural Sciences (N)</i>		
Must include one Laboratory Science (L) course		
Courses designated (N)		6
<i>Social &amp; Behavioral Sciences (S)</i>		
PSYC 1113	Introductory Psychology (S)	3
HDFS 2113	Lifespan Human Development (S)	3
<i>Additional General Education</i>		
Courses designated (A), (H), (N), or (S)		7
<b>Hours Subtotal</b>		<b>40</b>
<b>Diversity (D) &amp; International Dimension (I)</b>		
May be completed in any part of the degree plan.		
At least one Diversity (D) course.		
At least one International Dimension (I) course.		
<b>College/Departmental Requirements</b>		
<i>First Year Seminar</i>		
(Transfer students with 15 hours exempt.)		1
<i>Arts &amp; Humanities</i>		
(See note 2.a.)		9
<i>Natural &amp; Mathematics Sciences</i>		
(See Note 2.b.)		3
<i>Foreign Language</i>		
(See note 3.)		9
<i>Non-Western Studies</i>		
At least one course. (See note 2.d.)		

#### Upper-Division General Education

6 hours outside major department (See note 2.c.)		
<b>Hours Subtotal</b>		<b>22</b>
<b>Major Requirements</b>		
Minimum major GPA 2.50 in major block.		
Minimum GPA in all SOC/ANTH courses 2.50 with a minimum grade of "C" in all SOC/ANTH courses.		
Minimum 30 hours of courses with SOC/ANTH prefix.		
<i>Core Requirements</i>		
SOC 1113	Introductory Sociology (S)	3
SOC 2123 or ANTH 1353	Social Problems (DS) Introduction to Anthropology (S)	3
SOC 3113	Theoretical Thinking in Sociology	3
SOC 4133	Social Research Methods	3
SOC 4243	Quantitative Methods in Sociology	3
Select 6 hours from:		6
SOC 3133	Racial and Ethnic Relations (DS)	
SOC 3993	Sociology of Aging (DS)	
SOC 4213	Sociology of Sexualities (S)	
SOC 4383	Social Stratification (S)	
SOC 4643	Sociology of Gender (S)	
<i>Social Services</i>		
SOC 3223	Social Psychology (S)	3
SOC 3323	Collective Behavior and Social Movements	3
SOC 4153	Sociology of Health and Illness	3
SOC 4723	Sociology of Families (S)	3
Select nine hours from:		9
SOC 2243	Drugs and Drug Policy in the United States	
SOC 3523	Juvenile Delinquency (DS)	
SOC 3953	Applied Sociology	
SOC 4023	Juvenile Corrections and Treatment Strategies	
SOC 4043	Gender and Work (DS)	
SOC 4653	Gender and the Middle East (IS)	
SOC 4850	Internship in Sociology	
Select nine hours from:		9
HDFS 3423	Adolescent Development in Family Contexts (S)	
HDFS 3443	Family Dynamics	
HDFS 4423	Family Risk and Resilience	
HLTH 3113	Health Issues in Diverse Populations (D)	
HLTH 3613	Community Health	
HLTH 3913	Alcohol and Drug Education	
GWST 3553	LGBTQ Lives in the United States (D)	
GWST 3613	Race and Reproduction in the U.S. (D)	
PSYC 4213	Conflict Resolution (S)	
<b>Hours Subtotal</b>		<b>51</b>
<b>Electives</b>		
Select 7 hours.		7
May need to include 6 hours upper-division general education outside major department (see note 2.c.) and 1 additional upper-division hour.		

Hours Subtotal	7
Total Hours	120

## Other Requirements

- See the College of Arts and Sciences Requirements.
- **Upper-Division Credit:** Total hours must include at least 40 hours in courses numbered 3000 or above.
- **Hours in One Department:** For B.A. and B.S. degrees, no more than 54 hours in one department may be applied to degree requirements.

## College of Arts and Sciences Requirements

### 1. General Education Requirements

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### 2. A&S College/Departmental Requirements

- Arts and Humanities are defined as any course carrying an (H) designation or courses from AMST, ART, DANC, ENGL (except ENGL 3323 Technical Writing) HIST, MUSI, PHIL (except PHIL 1313 Logic and Critical Thinking (A), PHIL 3003 Symbolic Logic (A) and PHIL 4003 Mathematical Logic and Computability), REL, TH, and foreign languages.
- Natural and Mathematical Sciences are defined as any course from the following prefixes: ASTR, BIOC, BIOL, CHEM, CS (except CS 4883 Social Issues in Computing), GEOL, MATH, MICR, PBIO, PHYS, and STAT; or courses from other departments that carry an (A) or (N) general education designation.
- The required six hours of upper-division General Education may not include courses from the student's major department. This requirement may be satisfied by courses also used to satisfy any part of a student's degree program (i.e., in General Education, College Departmental Requirements, Major Requirements or Electives).
- Non-Western Studies Requirement for B.A. and B.F.A.; One 3-hour course in Non-Western Studies (N.W.). This requirement may be satisfied by courses also used to satisfy any part of a student's degree program (i.e., in General Education, College Departmental Requirements, Major Requirements or Electives).
- The College of Arts & Sciences requires a minimum 2.0 GPA in all major requirements and a minimum 2.0 GPA in all major-prefix courses applied to the degree.

### 3. Foreign Language Proficiency

- The foreign language requirement for the B.A. may be satisfied by 9 hours college credit in the same language, which must include 3 hours at the 2000-level, or equivalent proficiency (e.g., passing an advanced standing examination; TOEFL exam; presenting a high school transcript which demonstrates the high school was primarily conducted in a language other than English; etc.). Computer Science courses may not be used to satisfy this requirement. Currently Arabic and Mvskoke are not offered at the 2000-level at OSU.

- The foreign language requirement for the B.S., B.M. and B.F.A. may be satisfied by presenting a high school transcript which demonstrates two years of study of a single foreign language (passing grades at second-year level of study). It may also be satisfied by 6 hours college credit in the same language, which must include language courses 1713 and 1813, or equivalent proficiency (e.g., passing an advanced standing examination; TOEFL exam; presenting a high school transcript which demonstrates the high school was primarily conducted in a language other than English; etc.). Computer Science courses may not be used to satisfy this requirement.
- In addition to a. and b., students pursuing teacher certification must meet novice-high foreign language proficiency by presenting a high school transcript which demonstrates two years of study of a single foreign language with no grade below B. Or, students may complete 3 hours college credit in a single language with no grade below C (or pass an advanced standing examination, College Level Examination Program (CLEP) exam, or Oral Proficiency Interview developed by the American Council on the Teaching of Foreign Languages, equivalent to 3 hours of college credit.) Or, students may meet the requirement by transfer of documentation of meeting the foreign language competency from one of the teacher education programs in the State of Oklahoma approved by the Oklahoma State Regents for Higher Education.

### 4. Exclusions

- Courses used to satisfy the General Education English Composition, U.S. History, American Government, and Mathematics or Statistics requirements will not count toward the 54-hour maximum allowed from one department.
- Courses with ATHL or LEIS prefixes and leisure activity courses may not be used for degree credit.

## Additional State/OSU Requirements

- At least: 60 hours at a four-year institution; 30 hours completed at OSU; 15 of the final 30 or 50% of the upper-division hours in the major field completed at OSU.
- Limit of: one-half of major course requirements as transfer work; one-fourth of hours earned by correspondence; 8 transfer correspondence hours.
- Students will be held responsible for degree requirements in effect at the time of matriculation and any changes that are made, so long as these changes do not result in semester credit hours being added or do not delay graduation.
- Degrees that follow this plan must be completed by the end of Summer 2028.

## Example Plan of Study

### Finish in Four Plan of Study

The plan below is an **example** of how students can successfully complete degree requirements in four years. This suggested class schedule plan may be used as a guide and can be adjusted based on individual needs. Students are required to meet with an academic advisor prior to enrollment each semester to plan their class schedule, and students are ultimately responsible for completing all degree requirements.

Course	Title	Hours
<b>Freshman</b>		
<b>Fall</b>		
STAT 2053 or STAT 2013	Elementary Statistics for the Social Sciences (A) or Elementary Statistics (A)	3
SOC 1113	Introductory Sociology (S)	3
General Education courses		10
<b>Hours</b>		<b>16</b>
<b>Spring</b>		
SOC 2123	Social Problems (DS)	3
General Education courses		11
<b>Hours</b>		<b>14</b>
<b>Sophomore</b>		
<b>Fall</b>		
1713 First Semester Foreign Language		3
General Education courses		12
<b>Hours</b>		<b>15</b>
<b>Spring</b>		
Major, College, and Elective courses		12
1813 Second Semester Foreign Language		3
<b>Hours</b>		<b>15</b>
<b>Junior</b>		
<b>Fall</b>		
SOC 3113	Theoretical Thinking in Sociology	3
2000-level Foreign Language		3
Major, College, and Elective courses		9
<b>Hours</b>		<b>15</b>
<b>Spring</b>		
SOC 4133	Social Research Methods	3
Major, College, and Elective courses		12
<b>Hours</b>		<b>15</b>
<b>Senior</b>		
<b>Fall</b>		
SOC 4243	Quantitative Methods in Sociology	3
Major, College, and Elective courses		12
<b>Hours</b>		<b>15</b>
<b>Spring</b>		
SOC 4950	Current Topics in Sociology (Internship)	4
Major, College, and Elective courses		11
<b>Hours</b>		<b>15</b>
<b>Total Hours</b>		<b>120</b>

## Sociology: Social Services, BS

### Degree Requirements

**Requirements for Students Matriculating in or before Academic Year 2022-2023.** Learn more about University Academic Regulation 3.1 (p. 943).

**Minimum Overall Grade Point Average: 2.00**

**Total Hours: 120**

Code	Title	Hours
<b>General Education Requirements</b>		
<i>English Composition</i>		
See Academic Regulation 3.5 (p. 944)		
ENGL 1113 or ENGL 1313	Composition I Critical Analysis and Writing I	3
ENGL 1213 or ENGL 1413 or ENGL 3323	Composition II Critical Analysis and Writing II Technical Writing	3
<i>American History &amp; Government</i>		
HIST 1103 or HIST 1483 or HIST 1493	Survey of American History American History to 1865 (H) American History Since 1865 (DH)	3
POLS 1113	American Government	3
<i>Analytical &amp; Quantitative Thought (A)</i>		
STAT 2013 or STAT 2053	Elementary Statistics (A) Elementary Statistics for the Social Sciences (A)	3
<i>Humanities (H)</i>		
Courses designated (H)		6
<i>Natural Sciences (N)</i>		
Must include one Laboratory Science (L) course		
Courses designated (N)		6
<i>Social &amp; Behavioral Sciences (S)</i>		
PSYC 1113	Introductory Psychology (S)	3
HDFS 2113	Lifespan Human Development (S)	3
<i>Additional General Education</i>		
Courses designated (A), (H), (N), or (S)		7
<b>Hours Subtotal</b>		<b>40</b>
<b>Diversity (D) &amp; International Dimension (I)</b>		
May be completed in any part of the degree plan.		
At least one Diversity (D) course.		
At least one International Dimension (I) course.		
<b>College/Departmental Requirements</b>		
<i>First Year Seminar</i>		
(Transfer students with 15 hours exempt.)		1
<i>Arts &amp; Humanities</i>		
(See note 2.a.)		3
<i>Natural &amp; Mathematics Sciences</i>		
(See Note 2.b.)		9
<i>Foreign Language</i>		
(See note 3.)		0-6 hours
<i>Upper-Division General Education</i>		

6 hours outside major department (See note 2.c.)

<b>Hours Subtotal</b>	<b>13</b>
<b>Major Requirements</b>	
Minimum major GPA 2.50 in major block.	
Minimum GPA in all SOC/ANTH courses 2.50 with a minimum grade of "C" in all SOC/ANTH courses..	
Minimum 30 hours of courses with SOC/ANTH prefix.	
<i>Core Requirements</i>	
SOC 1113	Introductory Sociology (S) 3
SOC 2123 or ANTH 1353	Social Problems (DS) Introduction to Anthropology (S) 3
SOC 3113	Theoretical Thinking in Sociology 3
SOC 4133	Social Research Methods 3
SOC 4243	Quantitative Methods in Sociology 3
Select 6 hours of the following: 6	
SOC 3133	Racial and Ethnic Relations (DS)
SOC 3993	Sociology of Aging (DS)
SOC 4213	Sociology of Sexualities (S)
SOC 4383	Social Stratification (S)
SOC 4643	Sociology of Gender (S)
<i>Social Services</i>	
SOC 3223	Social Psychology (S) 3
SOC 3323	Collective Behavior and Social Movements 3
SOC 4153	Sociology of Health and Illness 3
SOC 4723	Sociology of Families (S) 3
Select 9 hours form the following: 9	
SOC 2243	Drugs and Drug Policy in the United States
SOC 3523	Juvenile Delinquency (DS)
SOC 3953	Applied Sociology
SOC 4023	Juvenile Corrections and Treatment Strategies
SOC 4043	Gender and Work (DS)
SOC 4653	Gender and the Middle East (IS)
SOC 4850	Internship in Sociology
Select 9 hours from the following: 9	
HDFS 3423	Adolescent Development in Family Contexts (S)
HDFS 3443	Family Dynamics
HDFS 4423	Family Risk and Resilience
HLTH 3113	Health Issues in Diverse Populations (D)
HLTH 3613	Community Health
HLTH 3913	Alcohol and Drug Education
GWST 3553	LGBTQ Lives in the United States (D)
GWST 3613	Race and Reproduction in the U.S. (D)
PSYC 4213	Conflict Resolution (S)
<b>Hours Subtotal</b>	<b>51</b>
<b>Electives</b>	
Select 16 hours 16	
May need to include 6 hours upper-division general education outside major department (see note 2.c.) and 1 additional upper-division hour.	

<b>Hours Subtotal</b>	<b>16</b>
<b>Total Hours</b>	<b>120</b>

## Other Requirements

- See the College of Arts and Sciences Requirements.
- **Upper-Division Credit:** Total hours must include at least 40 hours in courses numbered 3000 or above.
- **Hours in One Department:** For B.A. and B.S. degrees, no more than 54 hours in one department may be applied to degree requirements.

## College of Arts and Sciences Requirements

### 1. General Education Requirements

No more than two courses (or eight hours) from the major department (<http://catalog.okstate.edu/college-arts-sciences-major-departments/>) may be used to meet General Education and College and Departmental Requirements. The General Education required English Composition, required U.S. History, required American Government, one required MATH or STAT course, and required foreign language for B.A. degrees do not count against the two-course maximum.

### 2. A&S College/Departmental Requirements

- Arts and Humanities are defined as any course carrying an (H) designation or courses from AMST, ART, DANC, ENGL (except ENGL 3323 Technical Writing) HIST, MUSI, PHIL (except PHIL 1313 Logic and Critical Thinking (A), PHIL 3003 Symbolic Logic (A) and PHIL 4003 Mathematical Logic and Computability), REL, TH, and foreign languages.
- Natural and Mathematical Sciences are defined as any course from the following prefixes: ASTR, BIOC, BIOL, CHEM, CS (except CS 4883 Social Issues in Computing), GEOL, MATH, MICR, PBIO, PHYS, and STAT; or courses from other departments that carry an (A) or (N) general education designation.
- The required six hours of upper-division General Education may not include courses from the student's major department. This requirement may be satisfied by courses also used to satisfy any part of a student's degree program (i.e., in General Education, College Departmental Requirements, Major Requirements or Electives).
- Non-Western Studies Requirement for B.A. and B.F.A.; One 3-hour course in Non-Western Studies (N.W.). This requirement may be satisfied by courses also used to satisfy any part of a student's degree program (i.e., in General Education, College Departmental Requirements, Major Requirements or Electives).
- The College of Arts & Sciences requires a minimum 2.0 GPA in all major requirements and a minimum 2.0 GPA in all major-prefix courses applied to the degree.

### 3. Foreign Language Proficiency

- The foreign language requirement for the B.A. may be satisfied by 9 hours college credit in the same language, which must include 3 hours at the 2000-level, or equivalent proficiency (e.g., passing an advanced standing examination; TOEFL exam; presenting a high school transcript which demonstrates the high school was primarily conducted in a language other than English; etc.). Computer Science courses may not be used to satisfy this requirement. Currently Arabic and Mvskoke are not offered at the 2000-level at OSU.

- The foreign language requirement for the B.S., B.M. and B.F.A. may be satisfied by presenting a high school transcript which demonstrates two years of study of a single foreign language (passing grades at second-year level of study). It may also be satisfied by 6 hours college credit in the same language, which must include language courses 1713 and 1813, or equivalent proficiency (e.g., passing an advanced standing examination; TOEFL exam; presenting a high school transcript which demonstrates the high school was primarily conducted in a language other than English; etc.). Computer Science courses may not be used to satisfy this requirement.
- In addition to a. and b., students pursuing teacher certification must meet novice-high foreign language proficiency by presenting a high school transcript which demonstrates two years of study of a single foreign language with no grade below B. Or, students may complete 3 hours college credit in a single language with no grade below C (or pass an advanced standing examination, College Level Examination Program (CLEP) exam, or Oral Proficiency Interview developed by the American Council on the Teaching of Foreign Languages, equivalent to 3 hours of college credit.) Or, students may meet the requirement by transfer of documentation of meeting the foreign language competency from one of the teacher education programs in the State of Oklahoma approved by the Oklahoma State Regents for Higher Education.

### 4. Exclusions

- Courses used to satisfy the General Education English Composition, U.S. History, American Government, and Mathematics or Statistics requirements will not count toward the 54-hour maximum allowed from one department.
- Courses with ATHL or LEIS prefixes and leisure activity courses may not be used for degree credit.

## Additional State/OSU Requirements

- At least: 60 hours at a four-year institution; 30 hours completed at OSU; 15 of the final 30 or 50% of the upper-division hours in the major field completed at OSU.
- Limit of: one-half of major course requirements as transfer work; one-fourth of hours earned by correspondence; 8 transfer correspondence hours.
- Students will be held responsible for degree requirements in effect at the time of matriculation and any changes that are made, so long as these changes do not result in semester credit hours being added or do not delay graduation.
- Degrees that follow this plan must be completed by the end of Summer 2028.

## Example Plan of Study

### Finish in Four Plan of Study

The plan below is an **example** of how students can successfully complete degree requirements in four years. This suggested class schedule plan may be used as a guide and can be adjusted based on individual needs. Students are required to meet with an academic advisor prior to enrollment each semester to plan their class schedule, and students are ultimately responsible for completing all degree requirements.



Course	Title	Hours
<b>Freshman</b>		
<b>Fall</b>		
STAT 2053 or STAT 2013	Elementary Statistics for the Social Sciences (A) or Elementary Statistics (A)	3
SOC 1113	Introductory Sociology (S)	3
General Education courses		10
<b>Hours</b>		<b>16</b>
<b>Spring</b>		
SOC 2123	Social Problems (DS)	3
General Education courses		11
<b>Hours</b>		<b>14</b>
<b>Sophomore</b>		
<b>Fall</b>		
General Education courses		15
<b>Hours</b>		<b>15</b>
<b>Spring</b>		
Major, College, and Elective courses		15
<b>Hours</b>		<b>15</b>
<b>Junior</b>		
<b>Fall</b>		
SOC 3113	Theoretical Thinking in Sociology	3
Major, College, and Elective courses		12
<b>Hours</b>		<b>15</b>
<b>Spring</b>		
SOC 4133	Social Research Methods	3
Major, College, and Elective courses		12
<b>Hours</b>		<b>15</b>
<b>Senior</b>		
<b>Fall</b>		
SOC 4243	Quantitative Methods in Sociology	3
Major, College, and Elective courses		12
<b>Hours</b>		<b>15</b>
<b>Spring</b>		
Major, College, and Elective courses		15
<b>Hours</b>		<b>15</b>
<b>Total Hours</b>		<b>120</b>

## Statistics

Statistics is the science of learning from data. It is concerned with the development of theory and with the application of that theory to the collection, analysis, and interpretation of quantitative information.

Because statistics is important in many scholarly disciplines, a degree in statistics provides the opportunity to enter not only the statistics profession but also many other fields which make extensive use of statistics. The areas of application include agriculture, the biological sciences, engineering, the physical sciences, the social sciences, education, business, and home economics, among others. Statistics also promises to be important in emerging endeavors such as pollution and environmental research, energy utilization, and health-care administration.

Those who pursue the study of statistics should be interested in scientific inquiry and should have a good mathematical background. In addition, it is desirable that they have a genuine interest in another discipline and learn some application of statistics in that discipline.

Careers in government, industry, and education, involving the disciplines previously mentioned, are open to the statistics graduate. In government and industry a statistician usually serves as a researcher or as a consultant to research scientists and decision-makers. In education, of course, the teaching function is added to those of research and consultation.

The Department of Statistics offers the BS and MS degrees to those interested in applications of statistics, and the PhD degree to those who wish to make original contributions to the theory of statistics.

## Courses

### STAT 1013 Statistical Literacy (A)

**Prerequisites:** Students must qualify for non-remediation of mathematics.

**Description:** This course focuses on statistical concepts and conclusions rather than on computations. Topics include descriptive measures, graphical representations, measures of center and variability, discussion of variability, sampling techniques, conditional probability interpretation and ramifications, confidence interval interpretation, practical vs. statistical significance, formulation and interpretation of hypothesis testing and p-values.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Statistics

**General Education and other Course Attributes:** Analytical & Quant Thought

### STAT 2013 Elementary Statistics (A)

**Prerequisites:** MATH 1483 or higher, except MATH 1493, with a grade of "C" or better; or an acceptable placement score (see [mathplacement.okstate.edu](http://mathplacement.okstate.edu)).

**Description:** An introductory course in the theory and methods of statistics. Descriptive measures, elementary probability, sampling, estimation, hypothesis testing, correlation and regression. Same course as STAT 2023 or STAT 2053.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Statistics

**General Education and other Course Attributes:** Analytical & Quant Thought

**Additional Fees:** STAT 2013 Corequisite Lab fee of \$90 applies.

### STAT 2023 Elementary Statistics for Business and Economics (A)

**Prerequisites:** MATH 1483 or higher, except MATH 1493, with a grade of "C" or better; or an acceptable placement score (see [mathplacement.okstate.edu](http://mathplacement.okstate.edu)).

**Description:** Basic statistics course for undergraduate business majors. Descriptive statistics, basic probability, discrete and continuous distributions, point and interval estimation, hypothesis testing, correlation and simple linear regression. Same course as STAT 2013 or STAT 2053.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Statistics

**General Education and other Course Attributes:** Analytical & Quant Thought

### STAT 2053 Elementary Statistics for the Social Sciences (A)

**Prerequisites:** MATH 1483 or higher, except MATH 1493, with a grade of "C" or better; or an acceptable placement score (see [mathplacement.okstate.edu](http://mathplacement.okstate.edu)).

**Description:** An introductory course in the theory and methods of statistics. Descriptive measures, elementary probability, sampling, estimation, hypothesis testing, correlation and regression. Same course as STAT 2013 or STAT 2023.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Statistics

**General Education and other Course Attributes:** Analytical & Quant Thought

### STAT 2331 SAS Programming

**Prerequisites:** A different programming language or consent of instructor.

**Description:** SAS as a general purpose programming language, data representation, input/output, use of built-in procedures, report generation. Course previously offered as CS 2331.

**Credit hours:** 1

**Contact hours:** Lecture: 1 Contact: 1

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Statistics

**STAT 2890 Honors Experience in Statistics**

**Prerequisites:** Honors Program participation and concurrent enrollment in a designated STAT course.

**Description:** A supplemental Honors experience in statistics to partner concurrently with designated statistics courses. This course adds a different intellectual dimension to the designated courses. Offered for fixed credit, 1 credit hour, maximum of 6 credit hours.

**Credit hours:** 1

**Contact hours:** Lecture: 1 Contact: 1

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Statistics

**General Education and other Course Attributes:** Honors Credit

**STAT 3013 Intermediate Statistical Analysis**

**Prerequisites:** STAT 2013, STAT 2023 or STAT 2053.

**Description:** Applications of elementary statistics, introductory experimental design, introduction to the analysis of variance, simple and multiple linear regression, nonparametric statistics, survey sampling and time series. Data analysis using Excel included.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Statistics

**STAT 3023 Statistical Reasoning for Medical Applications (A)**

**Prerequisites:** MATH 1483 or MATH 1513 or higher on an acceptable math placement score. See [mathplacement.okstate.edu](http://mathplacement.okstate.edu).

**Description:** This course focuses on developing the quantitative skills necessary for success in medical school and related activities. Topics include study design, descriptive measures, graphical representations, basic probability, statistical inference, correlation and regression, contingency tables.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Statistics

**General Education and other Course Attributes:** Analytical & Quant Thought

**STAT 4013 Statistical Methods I (A)**

**Prerequisites:** MATH 1513 or higher, with a grade of "C" or better; or an acceptable placement score (see [mathplacement.okstate.edu](http://mathplacement.okstate.edu)).

**Description:** Basic experimental statistics, basic probability distributions, methods of estimation, tests of significance, linear regression and correlation, analysis of variance for data that are in a one way, a two-way crossed, or in a two-fold nested classification. Same course as STAT 4053.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Statistics

**General Education and other Course Attributes:** Analytical & Quant Thought

**STAT 4023 Statistical Methods II**

**Prerequisites:** STAT 3013 or STAT 4013 or STAT 4033 or STAT 4053.

**Description:** Basic concepts of experimental design. Analysis of variance, covariance, split-plot design. Factorial arrangements of treatments, multiple regression in estimation and curvilinear regression, enumeration data. May not be used for degree credit with STAT 4063 or STAT 5563.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Statistics

**STAT 4033 Engineering Statistics**

**Prerequisites:** MATH 2133 or MATH 2163.

**Description:** Probability, random variables, probability distributions, estimation, confidence intervals, hypothesis testing, linear regression. No degree credit for students with credit in STAT 4073.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Statistics

**STAT 4043 Applied Regression Analysis**

**Prerequisites:** One of STAT 4013, STAT 4033, STAT 4053, STAT 5013 or equivalent.

**Description:** Matrix algebra, simple linear regression, residual analysis techniques, multiple regression, dummy variables, interactions, model building, introduction to logistic regression. This course explains fundamentals of linear regression and provides an introduction to logistic regression. May not be used for degree credit with STAT 5543.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Statistics

**STAT 4053 Statistical Methods I for the Social Sciences (A)**

**Prerequisites:** MATH 1513 or higher, with a grade of "C" or better; or an acceptable placement score (see [mathplacement.okstate.edu](http://mathplacement.okstate.edu)).

**Description:** Basic experimental statistics, basic probability distributions, methods of estimation, tests of significance, linear regression, calculation and analysis of variance for one and two-way classifications. Same course as STAT 4013.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Statistics

**General Education and other Course Attributes:** Analytical & Quant Thought

**STAT 4063 Statistical Methods II for the Social Sciences**

**Prerequisites:** STAT 3013 or STAT 4013 or STAT 4033 or STAT 4053.

**Description:** Basic concepts of experimental design. Analysis of variance, covariance, split-plot design. Factorial arrangements of treatments, multiple and curvilinear regression, enumeration data. May not be used for degree credit with STAT 4023 and STAT 5563.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Statistics

**STAT 4073 Engineering Statistics with Design of Experiments****Prerequisites:** MATH 2163.**Description:** Random variables and basic probability distributions, estimation, confidence intervals, hypothesis testing, basic analysis of variance, factorial arrangement of treatments and fractional factorial experiments, elementary quality control. No degree credit for students with credit in STAT 4033.**Credit hours:** 3**Contact hours:** Lecture: 3 Contact: 3**Levels:** Undergraduate**Schedule types:** Lecture**Department/School:** Statistics**STAT 4091 Sas Programming****Prerequisites:** STAT 4013 or equivalent.**Description:** SAS dataset construction, elementary statistical analysis, and use of statistics and graphics procedures available in SAS. No credit for students with credit in STAT 5091.**Credit hours:** 1**Contact hours:** Lecture: 1 Contact: 1**Levels:** Undergraduate**Schedule types:** Lecture**Department/School:** Statistics**STAT 4191 R Programming****Prerequisites:** STAT 4013 or equivalent.**Description:** R dataset construction, elementary statistical analysis, and use of statistics and graphics with R. May not be used for degree credit with STAT 4193, STAT 5191, STAT 5193.**Credit hours:** 1**Contact hours:** Lecture: 1 Contact: 1**Levels:** Undergraduate**Schedule types:** Lecture**Department/School:** Statistics**STAT 4193 SAS and R Programming****Prerequisites:** STAT 4013 or equivalent.**Description:** SAS and R dataset construction, elementary statistical analysis, and use of statistics and graphics with SAS and R. May not be used for degree credit with STAT 4091, STAT 4191, STAT 5091, STAT 5191, STAT 5193.**Credit hours:** 3**Contact hours:** Lecture: 3 Contact: 3**Levels:** Undergraduate**Schedule types:** Lecture**Department/School:** Statistics**STAT 4203 Mathematical Statistics I****Prerequisites:** MATH 2163 with a grade of "C" or better.**Description:** Probability, random variables such as Poisson, Geometric, Hypergeometric, Uniform, Normal, Gamma, Beta, Exponential and their distributions, independence and correlation, multivariate distributions, marginal and conditional probabilities, functions of random variables, order statistics and their distributions, moment generating functions, the Central Limit Theorem. May not be used for degree credit with STAT 5253.**Credit hours:** 3**Contact hours:** Lecture: 3 Contact: 3**Levels:** Undergraduate**Schedule types:** Lecture**Department/School:** Statistics**STAT 4213 Mathematical Statistics II****Prerequisites:** STAT 4203.**Description:** Methods of estimating population parameters such as point and confidence interval estimation for a mean, proportion, and the difference between means and proportions, maximum likelihood methods, method of moments, hypothesis testing and its applications, sample size estimation, linear regression models, and categorical data analysis. May not be used for degree credit with STAT 5263.**Credit hours:** 3**Contact hours:** Lecture: 3 Contact: 3**Levels:** Undergraduate**Schedule types:** Lecture**Department/School:** Statistics**STAT 4463 Statistical Machine Learning with R****Prerequisites:** STAT 4043.**Description:** Computationally intense statistical methods for prediction and classification with R. Topics are bias-variance tradeoff; prediction and classification error; cross validation; bootstrapping; linear and logistic regression; discriminant functions; k-nearest neighbors; local and spline-based regression; generalized additive models; model selection and regularization; support vector machines; decision trees; principle component analysis; cluster analysis. May not be used for degree credit with STAT 5063.**Credit hours:** 3**Contact hours:** Lecture: 3 Contact: 3**Levels:** Undergraduate**Schedule types:** Lecture**Department/School:** Statistics**STAT 4910 Special Studies****Prerequisites:** Consent of instructor.**Description:** Special subjects in statistics. Offered for variable credit, 1-6 credit hours, maximum of 6 credit hours.**Credit hours:** 1-6**Contact hours:** Contact: 1-6 Other: 1-6**Levels:** Undergraduate**Schedule types:** Independent Study**Department/School:** Statistics**STAT 4980 Internship in Statistics****Prerequisites:** Consent of instructor.**Description:** Directed practicum or internship experience in a Statistics-related professional work setting. Students must have an approved internship that will provide statistical experience beyond that available in the classroom. Students produce written analyses of their work and learning under the guidance of the instructor and internship site supervisor. Offered for variable credit, 1-12 credit hours, maximum of 12 credit hours.**Credit hours:** 1-12**Contact hours:** Contact: 1-12 Other: 1-12**Levels:** Undergraduate**Schedule types:** Independent Study**Department/School:** Statistics

**STAT 4981 Statistics Capstone I**

**Prerequisites:** STAT 4023, STAT 4043, STAT 4091 or STAT 4193; and STAT 4203 or concurrent enrollment.

**Description:** Information and preparation for graduate school for statistics undergraduates, communication skills for collaborating with scientists, introduction to research in statistics.

**Credit hours:** 1

**Contact hours:** Lecture: 1 Contact: 1

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Statistics

**STAT 4991 Statistics Capstone II**

**Prerequisites:** STAT 4023 and STAT 4043 and STAT 4091 or STAT 4193; and STAT 4203 or concurrent enrollment.

**Description:** Career skills for statistics undergraduates entering the workforce, communication skills for collaborating with scientists.

**Credit hours:** 1

**Contact hours:** Lecture: 1 Contact: 1

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Statistics

**STAT 4993 Senior Honors Project**

**Prerequisites:** Departmental invitation, senior standing, Honors Program participation.

**Description:** A guided reading and research program ending with an honors project under the direction of a faculty member, with a second faculty reader and an oral examination. Required for graduation with departmental honors in statistics.

**Credit hours:** 3

**Contact hours:** Contact: 3 Other: 3

**Levels:** Undergraduate

**Schedule types:** Independent Study

**Department/School:** Statistics

**General Education and other Course Attributes:** Honors Credit

**STAT 5000 Master's Research**

**Prerequisites:** Consent of advisory committee.

**Description:** Methods of research and supervised thesis or report. Offered for variable credit, 1-6 credit hours, maximum of 6 credit hours.

**Credit hours:** 1-6

**Contact hours:** Contact: 1-6 Other: 1-6

**Levels:** Graduate

**Schedule types:** Independent Study

**Department/School:** Statistics

**STAT 5002 Applied Masters Creative Component**

**Prerequisites:** Consent of advisory committee.

**Description:** Creative component for Applied Masters in Statistics.

**Credit hours:** 2

**Contact hours:** Contact: 2 Other: 2

**Levels:** Graduate

**Schedule types:** Independent Study

**Department/School:** Statistics

**STAT 5003 Statistics for Medical Residents**

**Prerequisites:** Employed as a medical or veterinary resident or permission of instructor.

**Description:** Survey of statistical methodology relevant to health care professionals. Basic understanding of statistics presented in recent medical literature. Hypothesis testing, ANOVA techniques, regression, categorical techniques. Same course as BIOM 5003.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Graduate

**Schedule types:** Lecture

**Department/School:** Statistics

**STAT 5013 Statistics for Experimenters I**

**Prerequisites:** Graduate standing and MATH 1513.

**Description:** Introductory statistics course for graduate students. Descriptive statistics, basic probability, estimation, hypothesis testing, p-values, analysis of variance, multiple comparisons, correlation and linear regression, categorical data analysis.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Graduate

**Schedule types:** Lecture

**Department/School:** Statistics

**STAT 5023 Statistics for Experimenters II**

**Prerequisites:** Graduate standing and STAT 4023 or STAT 5013.

**Description:** Analysis of variance, contrasts and multiple comparisons, factorial experiments, variance components and their estimation, completely randomized, randomized block and Latin square designs, split plot experiments.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Graduate

**Schedule types:** Lecture

**Department/School:** Statistics

**STAT 5033 Nonparametric Methods**

**Prerequisites:** One of STAT 4023, STAT 4043, STAT 5023 or consent of instructor.

**Description:** A continuation of STAT 4013 and STAT 4023, concentration on nonparametric methods. Alternatives to normal-theory statistical methods; analysis of categorical and ordinal data, methods based on rank transforms, measures of association, goodness of fit tests, order statistics.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Graduate

**Schedule types:** Lecture

**Department/School:** Statistics

**STAT 5043 Sample Survey Designs**

**Prerequisites:** One of STAT 4013, STAT 4033, STAT 5013 or consent of instructor.

**Description:** Constructing and analyzing personal, telephone and mail surveys. Descriptive surveys including simple random, stratified random designs. Questionnaire design, frame construction, non-sampling errors, use of random number tables, sample size estimation and other topics related to practical conduct of surveys.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Graduate

**Schedule types:** Lecture

**Department/School:** Statistics

**STAT 5053 Time Series Analysis****Prerequisites:** STAT 4043.**Description:** An applied approach to the analysis of time series in the time domain. Trends, autocorrelation, random walk, seasonality, stationarity, autoregressive integrated moving average (ARIMA) processes, Box-Jenkins method, forecasting.**Credit hours:** 3**Contact hours:** Lecture: 3 Contact: 3**Levels:** Graduate**Schedule types:** Lecture**Department/School:** Statistics**STAT 5063 Statistical Machine Learning with R****Prerequisites:** STAT 5563.**Description:** Computationally intense statistical methods for prediction and classification with R. Topics are bias-variance tradeoff; prediction and classification error; cross validation; bootstrapping; linear and logistic regression; discriminant functions; k-nearest neighbors; local and spline-based regression; generalized additive models; model selection and regularization; support vector machines; decision trees; principle component analysis; cluster analysis. May not be used for degree credit with STAT 4463.**Credit hours:** 3**Contact hours:** Lecture: 3 Contact: 3**Levels:** Graduate**Schedule types:** Lecture**Department/School:** Statistics**STAT 5073 Categorical Data Analysis****Prerequisites:** STAT 5223, STAT 5023 or equivalent or concurrent enrollment.**Description:** Analysis of data involving variables of a categorical nature. Independence/association test for contingency tables, exact tests for small counts, generalized linear models, logistic regression models for binary response variables, loglinear models for count data, analyses of ordinal variables, multcategory logit models for multiple category responses, and applications.**Credit hours:** 3**Contact hours:** Lecture: 3 Contact: 3**Levels:** Graduate**Schedule types:** Lecture**Department/School:** Statistics**STAT 5083 Statistics for Biomedical Researchers****Prerequisites:** STAT 5013.**Description:** Analysis of variance, experimental designs pertaining to medical research, regression and data modeling, categorical techniques and the evaluation of diagnostic tests. No credit for students with credit in STAT 5023.**Credit hours:** 3**Contact hours:** Lecture: 3 Contact: 3**Levels:** Graduate**Schedule types:** Lecture**Department/School:** Statistics**STAT 5091 Sas Programming****Prerequisites:** STAT 5013 or equivalent.**Description:** SAS dataset construction, elementary statistical analysis, and use of statistics and graphics procedures available in SAS. No credit for students with credit in STAT 4091.**Credit hours:** 1**Contact hours:** Lecture: 1 Contact: 1**Levels:** Graduate**Schedule types:** Lecture**Department/School:** Statistics**STAT 5093 Statistical Computing****Prerequisites:** STAT 5223.**Description:** Random variable generation; numerical calculations of maximum likelihood estimators, computer intensive exact tests; randomized tests; bootstrap and cross validation methods, Monte Carlo integration and simulation; Markov Chain Monte Carlo methods for Bayesian estimation.**Credit hours:** 3**Contact hours:** Lecture: 3 Contact: 3**Levels:** Graduate**Schedule types:** Lecture**Department/School:** Statistics**STAT 5123 Probability Theory****Prerequisites:** MATH 2163 and one other course in MATH that has either MATH 2144 or MATH 2153 as a prerequisite.**Description:** Basic probability, including conditional, marginal, and joint distributions. Random variables, moments, independences and dependence, common distributions, and distributions of functions of random variables. Course explains probability calculations, the usefulness of probability, and the fundamentals required for obtaining sampling distributions. Useful in preparing for the actuarial P exam.**Credit hours:** 3**Contact hours:** Lecture: 3 Contact: 3**Levels:** Graduate**Schedule types:** Lecture**Department/School:** Statistics**STAT 5133 Stochastic Processes****Prerequisites:** STAT 5123 and MATH 2233, MATH 3013.**Description:** Definition of a stochastic process, probability structure, mean and covariance function, the set of sample functions, stationary processes and their spectral analyses, renewal processes, counting processes, discrete and continuous Markov chains, birth and death processes, exponential model, queuing theory. Same course as IEM 5133 & MATH 5133.**Credit hours:** 3**Contact hours:** Lecture: 3 Contact: 3**Levels:** Graduate**Schedule types:** Lecture**Department/School:** Statistics**STAT 5191 R Programming****Prerequisites:** STAT 4013 or STAT 5013.**Description:** R dataset construction, elementary statistical analysis, and use of statistics and graphics with R. May not be used for degree credit with STAT 4191, STAT 4193, STAT 5193.**Credit hours:** 1**Contact hours:** Lecture: 1 Contact: 1**Levels:** Graduate**Schedule types:** Lecture**Department/School:** Statistics



**STAT 5193 SAS and R Programming****Prerequisites:** STAT 5013 or equivalent.**Description:** SAS and R dataset construction, elementary statistical analysis, and use of statistics and graphics with SAS and R. May not be used for degree credit with STAT 4091, STAT 4191, STAT 4193, STAT 5191, STAT 5091.**Credit hours:** 3**Contact hours:** Lecture: 3 Contact: 3**Levels:** Graduate**Schedule types:** Lecture**Department/School:** Statistics**STAT 5213 Bayesian Analysis****Prerequisites:** STAT 5013 or STAT 5123 or consent of the instructor.**Description:** Bayes rule, fundamentals of Bayesian statistics, conjugate priors, posterior and predictive inference. Markov chain Monte Carlo, computation and software, hierarchical models, convergence diagnostics, Bayes factor, nonparametric Bayes.**Credit hours:** 3**Contact hours:** Lecture: 3 Contact: 3**Levels:** Graduate**Schedule types:** Lecture**Department/School:** Statistics**STAT 5223 Statistical Inference****Prerequisites:** STAT 5123 and MATH 3013.**Description:** Convergence concepts, Central Limit Theorem, sampling distributions, point estimation, maximum likelihood methods, Bayesian estimation, Cramer-Rao lower bound, confidence intervals. Hypothesis testing including Neyman-Pearson tests, uniformly most powerful tests, and generalized likelihood ratio tests. Course derives and explains testing and estimation included in introductory statistics courses. Useful for understanding assumptions and theory in common statistical methods. Previously offered as STAT 4223.**Credit hours:** 3**Contact hours:** Lecture: 3 Contact: 3**Levels:** Graduate**Schedule types:** Lecture**Department/School:** Statistics**STAT 5253 Mathematical Statistics I****Prerequisites:** MATH 2163 with a grade of "C" or better.**Description:** Probability, random variables such as Poisson, Geometric, Hypergeometric, Uniform, Normal, Gamma, Beta, Exponential and their distributions, independence and correlation, multivariate distributions, marginal and conditional probabilities, functions of random variables, order statistics and their distributions, moment generating functions, the Central Limit Theorem. May not be used for degree credit with STAT 4203.**Credit hours:** 3**Contact hours:** Lecture: 3 Contact: 3**Levels:** Graduate**Schedule types:** Lecture**Department/School:** Statistics**STAT 5263 Mathematical Statistics II****Prerequisites:** STAT 5253.**Description:** Methods of estimating population parameters such as point and confidence interval estimation for a mean, proportion, and the difference between means and proportions, maximum likelihood methods, method of moments, hypothesis testing and its applications, sample size estimation, linear regression models, and categorical data analysis. May not be used for degree credit with STAT 4213.**Credit hours:** 3**Contact hours:** Lecture: 3 Contact: 3**Levels:** Graduate**Schedule types:** Lecture**Department/School:** Statistics**STAT 5303 Experimental Designs****Prerequisites:** STAT 5023 or STAT 4023 with consent of instructor.**Description:** Students will identify treatment structures and design structures, conduct the analyses of data from experimental scenarios, and interpret the results. The understanding and preparation of statistical analysis statements for publication are also covered. Analysis topics include: ANOVA, multiple comparisons, factorial experiments, complete and incomplete block designs, linear mixed models analysis (including repeated measures analysis), split-plot experiments, 2n and 3n factorial experiments, fractional factorial experiments, crossover designs, ANCOVA and SAS programming.**Credit hours:** 3**Contact hours:** Lecture: 3 Contact: 3**Levels:** Graduate**Schedule types:** Lecture**Department/School:** Statistics**STAT 5323 Theory of Linear Models I****Prerequisites:** STAT 5223, MATH 3013, and one of STAT 4023 or STAT 5023.**Description:** Matrix theory (generalized inverse, idempotent matrix, and non-negative matrix results), multivariate normal distribution, quadratic forms, chi-square distribution, general linear models, estimability, general hypothesis testing.**Credit hours:** 3**Contact hours:** Lecture: 3 Contact: 3**Levels:** Graduate**Schedule types:** Lecture**Department/School:** Statistics**STAT 5333 Theory of Linear Models II****Prerequisites:** STAT 5323.**Description:** Maximum likelihood estimation; one-way and two-way ANOVA models, multiple comparisons, regression models, linear mixed models, variance component estimation.**Credit hours:** 3**Contact hours:** Lecture: 3 Contact: 3**Levels:** Graduate**Schedule types:** Lecture**Department/School:** Statistics

**STAT 5513 Multivariate Analysis****Prerequisites:** STAT 5323.**Description:** Multivariate normal distribution, simple, partial and multiple correlation, multivariate sampling distributions. Wishart distribution, general T-distribution, estimation of parameters and tests of hypotheses on vector means and covariance matrix. Classification problems, discriminate analysis, and applications.**Credit hours:** 3**Contact hours:** Lecture: 3 Contact: 3**Levels:** Graduate**Schedule types:** Lecture**Department/School:** Statistics**STAT 5543 Applied Regression Analysis****Prerequisites:** One of STAT 4013, STAT 4033, STAT 4053, STAT 5013 or equivalent.**Description:** Matrix algebra, simple linear regression, residual analysis techniques, multiple regression, dummy variables, interactions, model building, introduction to logistic regression. This course explains fundamentals of linear regression and provides an introduction to logistic regression. May not be used for degree credit with STAT 4043.**Credit hours:** 3**Contact hours:** Lecture: 3 Contact: 3**Levels:** Graduate**Schedule types:** Lecture**Department/School:** Statistics**STAT 5563 Statistical Methods II for the Social Sciences****Prerequisites:** STAT 3013 or STAT 4013 or STAT 4033 or STAT 4053.**Description:** Basic concepts of experimental design. Analysis of variance, covariance, split-plot design. Factorial arrangements of treatments, multiple and curvilinear regression, enumeration data. May not be used for degree credit with STAT 4023 and STAT 4063.**Credit hours:** 3**Contact hours:** Lecture: 3 Contact: 3**Levels:** Graduate**Schedule types:** Lecture**Department/School:** Statistics**STAT 5910 Seminar in Statistics****Prerequisites:** Consent of instructor.**Description:** Investigation of special problems in the theory and/or application of statistics using current techniques. Special studies for M.S. level students. Offered for variable credit, 1-6 credits. maximum of 3 credit hours.**Credit hours:** 1-6**Contact hours:** Contact: 1-6 Other: 1-6**Levels:** Graduate**Schedule types:** Independent Study**Department/School:** Statistics**STAT 5980 Internship in Statistics****Prerequisites:** Consent of instructor.**Description:** Directed practicum or internship experience in a Statistics-related professional work setting. Students must have an approved internship that will provide statistical experience beyond that available in the classroom. Students produce written analyses of their work and learning under the guidance of the instructor and internship site supervisor. Offered for variable credit, 1-9 credit hours, maximum of 9 credit hours.**Credit hours:** 1-9**Contact hours:** Contact: 1-9 Other: 1-9**Levels:** Graduate**Schedule types:** Independent Study**Department/School:** Statistics**STAT 6000 Doctoral Dissertation****Prerequisites:** Consent of advisory committee.**Description:** Directed research culminating in the PhD thesis. Offered for variable credit, 1-10 credit hours, maximum of 30 credit hours.**Credit hours:** 1-10**Contact hours:** Contact: 1-10 Other: 1-10**Levels:** Graduate**Schedule types:** Independent Study**Department/School:** Statistics**STAT 6010 Statistics Literature****Prerequisites:** Consent of instructor.**Description:** Published journal articles from statistics or related areas are discussed. Previously offered as STAT 6001. Offered for fixed credit, 1 credit hour, maximum of 2 credit hours.**Credit hours:** 1**Contact hours:** Lecture: 1 Contact: 1**Levels:** Graduate**Schedule types:** Lecture**Department/School:** Statistics**STAT 6013 Genetic Statistics****Prerequisites:** Elementary Statistics or with the permission of the instructor.**Description:** Course provides a statistical basis for analyzing genetic sequence data. Review of basic concepts in statistics including graphical and numerical methods, sample size estimation for biological experiments, and hypothesis testing. Review of basic concepts in genetics including DNA, genes, alleles, polymorphisms, SNP's. Descriptive statistics for genetic sequences, use of statistical tools for sequence analysis and statistical inference with R.**Credit hours:** 3**Contact hours:** Lecture: 3 Contact: 3**Levels:** Graduate**Schedule types:** Lecture**Department/School:** Statistics**STAT 6113 Probability Theory****Prerequisites:** STAT 5123 and MATH 5143.**Description:** Measure theoretical presentation of probability, integration and expectation, product spaces and independence, conditioning, different kinds of convergence in probability theory, statistical spaces, characteristic functions and their applications. Previously offered as STAT 5113.**Credit hours:** 3**Contact hours:** Lecture: 3 Contact: 3**Levels:** Graduate**Schedule types:** Lecture**Department/School:** Statistics

**STAT 6203 Large Sample Inference****Prerequisites:** STAT 5223 and STAT 6113.**Description:** Different types of convergence in probability theory, central limit theorem, consistency, large sample estimation and tests of hypotheses, concepts of asymptotic efficiency, nonparametric tests. Previously offered as STAT 5203.**Credit hours:** 3**Contact hours:** Lecture: 3 Contact: 3**Levels:** Graduate**Schedule types:** Lecture**Department/School:** Statistics**STAT 6223 Advanced Statistical Inference****Prerequisites:** STAT 6113.**Description:** Point estimation, maximum likelihood, Cramer-Rao inequality, confidence intervals, Neyman-Pearson theory of testing hypothesis and power of test. Previously offered as STAT 6213.**Credit hours:** 3**Contact hours:** Lecture: 3 Contact: 3**Levels:** Graduate**Schedule types:** Lecture**Department/School:** Statistics**STAT 6910 Special Problems****Prerequisites:** Consent of instructor.**Description:** Investigation of special problems in the theory and application of statistics using current techniques. Special studies for PhD level students. Offered for variable credit, 1-6 credit hours, maximum of 12 credit hours.**Credit hours:** 1-12**Contact hours:** Contact: 1-12 Other: 1-12**Levels:** Graduate**Schedule types:** Independent Study**Department/School:** Statistics

## Undergraduate Programs

- Statistics, BS (p. 1824)
- Statistics: Actuarial Science, BS (p. 1827)
- Statistics: Business Essentials, BS (p. 1830)
- Statistics: Data Science, BS (p. 1833)

## Graduate Programs

### Admission Requirements

It is necessary to have an undergraduate degree, not necessarily in statistics or mathematics, to begin a program of study toward the master's degree in statistics. In some instances, it may be advantageous to have an undergraduate degree in another field. However, the student should have acquired a good mathematical background and some statistical background as an undergraduate. Also, each student is required to have completed CS 1113 Computer Science I (A) or to have demonstrated competence in a programming language such as C. This should be equivalent to the required courses in the bachelor's program:

Code	Title	Hours
MATH 2144	Calculus I (A)	4
MATH 2153	Calculus II (A)	3
MATH 2163	Calculus III	3
STAT 4013	Statistical Methods I (A)	3
MATH 3013	Linear Algebra (A) (not required for Applied MS)	3

MATH 4013	Calculus of Several Variables (not required for Applied MS)	3
CS 1113	Computer Science I (A)	3

Students admitted to the program with deficiencies will be required to remedy such deficiencies. MATH 3013 and MATH 4013 are not required for the Master of Science in Applied Statistics.

## The Master of Science Degree

The Master of Science degree in statistics is designed to prepare students for work as a statistician or doctoral studies in statistics. It may be completed by following one of the three plans listed in the "Graduate College (p. 2766)" section of the Catalog. Normally, the all-course work plan will be initiated at the suggestion of the faculty. Each student will be required to attain an introductory knowledge of some field of application outside of statistics, mathematics, and computer science. This requirement may be satisfied by having taken a three-hour graduate course in an approved field of statistical application.

## The Master of Science in Applied Statistics Degree

The Master of Science in Applied Statistics (MSAS) degree can be completed with online coursework. It is intended to be a terminal professional master's degree. It is not intended to be preparation for doctoral work in statistics. Neither comprehensive exams nor a thesis or formal report is required for completion of this degree. A two-hour creative component course is required at the end of the matriculation through the program. More information regarding this degree can be found on the OSU Statistics Department website.

## The Doctor of Philosophy Degree

The PhD requires the completion of 90 hours beyond the BS degree. A maximum of 30 of these credit hours may be earned by research for the dissertation. Each student will be required to attain an introductory knowledge of some field of application which may be satisfied by taking a three-hour graduate course outside the fields of statistics, mathematics, and computing.

## Minors

- Applied Statistics (APST), Minor (p. 1821)
- Statistical Data Science (SDSC), Minor (p. 1822)
- Statistics (STAT), Minor (p. 1823)

## Faculty

Melinda H. McCann, PhD—Professor and Head

**Professors:** Carla L. Goad, PhD; Joshua Habiger, PhD; Lan Zhu, PhD**Associate Professors:** Ye Liang, PhD; Brenda J. Masters, PhD;

Pratyaydipta Rudra, PhD

**Assistant Professors:** Sangyoon Yi, PhD**Teaching Assistant Professor:** Nishantha Samarakoon, PhD

## Applied Statistics (APST), Minor

**Requirements for Students Matriculating in or before Academic Year 2022-2023.** Learn more about University Academic Regulation 3.1 (p. 943).

**Minimum Grade Point Average in Minor Coursework:** 2.50 with no grade below "C"

**Total Hours:** 15

Code	Title	Hours
<b>Minor Requirements</b>		
STAT 4013	Statistical Methods I (A)	3
STAT 4023	Statistical Methods II	3
STAT 4043	Applied Regression Analysis	3
STAT 4193	SAS and R Programming	3
STAT 4463	Statistical Machine Learning with R	3
or STAT 5033	Nonparametric Methods	
or STAT 5053	Time Series Analysis	
12 of the 15 hours must be in residence at OSU.		
<b>Total Hours</b>		<b>15</b>

## Additional OSU Requirements

### Undergraduate Minors

- An undergraduate minor must include between fifteen and thirty hours, inclusive of undergraduate coursework.
- A minimum of six credit hours for the minor must be earned in residence at OSU.
- The courses required for a minor may be included in the course requirements for any undergraduate degree or they may be in addition to degree requirements, depending on the overlap between the minor and degree requirements. However, an undergraduate minor must be earned in an academic field other than the student's declared degree option. The minor may not duplicate the degree major or option (for example, a student who earns a BA in Art with an Art History option may earn a minor in Studio Art but not Art History).
- A student generally follows the minor requirements associated with his or her matriculation year or newer requirements that have been established since matriculation. The time limit for following requirements from a given academic year is six years.

For additional information on requirements on minors, click here (<https://adminfinance.okstate.edu/site-files/documents/policies/requirements-for-undergraduate-and-graduate-minors.pdf>).

## Statistical Data Science (SDSC), Minor

### Requirements for Students Matriculating in or before Academic Year

2022-2023. Learn more about University Academic Regulation 3.1 (p. 943).

**Contact:** Cara Brun, 213 LSE, 405-744-5658.

**Minimum Grade Point Average in Minor Coursework:** 2.50 with no grade below "C."

**Total Hours:** 18

Code	Title	Hours
<b>Minor Requirements</b>		
STAT 4013	Statistical Methods I (A)	3
STAT 4023	Statistical Methods II	3
STAT 4043	Applied Regression Analysis	3
STAT 4193	SAS and R Programming	3
MSIS 3103	End User Database Systems Design and Management	3
MSIS 3223	Principles of Data Analytics	3
12 of the 18 hours must be in residence at OSU.		
<b>Total Hours</b>		<b>18</b>

## Additional OSU Requirements

### Undergraduate Minors

- An undergraduate minor must include between fifteen and thirty hours, inclusive of undergraduate coursework.
- A minimum of six credit hours for the minor must be earned in residence at OSU.
- The courses required for a minor may be included in the course requirements for any undergraduate degree or they may be in addition to degree requirements, depending on the overlap between the minor and degree requirements. However, an undergraduate minor must be earned in an academic field other than the student's declared degree option. The minor may not duplicate the degree major or option (for example, a student who earns a BA in Art with an Art History option may earn a minor in Studio Art but not Art History).
- A student generally follows the minor requirements associated with his or her matriculation year or newer requirements that have been established since matriculation. The time limit for following requirements from a given academic year is six years.

For additional information on requirements on minors, click here (<https://adminfinance.okstate.edu/site-files/documents/policies/requirements-for-undergraduate-and-graduate-minors.pdf>).

## Statistics (STAT), Minor

**Requirements for Students Matriculating in or before Academic Year 2022-2023.** Learn more about University Academic Regulation 3.1 (p. 943).

Cara Brun, 213 LSE, 405-744-5658

**Minimum Grade Point Average in Minor Coursework:** 2.50

**Total Hours:** 25

Code	Title	Hours
<b>Minor Requirements</b>		
MATH 2144	Calculus I (A)	4
MATH 2153	Calculus II (A)	3
MATH 2163	Calculus III	3
STAT 4013	Statistical Methods I (A)	3
STAT 4023	Statistical Methods II	3
STAT 4043	Applied Regression Analysis	3
STAT 4193	SAS and R Programming	3
STAT 4203	Mathematical Statistics I	3
<b>Total Hours</b>		<b>25</b>

## Other Requirements

- No grade below "C."

## Additional OSU Requirements

### Undergraduate Minors

- An undergraduate minor must include between fifteen and thirty hours, inclusive of undergraduate coursework.
- A minimum of six credit hours for the minor must be earned in residence at OSU.
- The courses required for a minor may be included in the course requirements for any undergraduate degree or they may be in addition to degree requirements, depending on the overlap between the minor and degree requirements. However, an undergraduate minor must be earned in an academic field other than the student's declared degree option. The minor may not duplicate the degree major or option (for example, a student who earns a BA in Art with an Art History option may earn a minor in Studio Art but not Art History).
- A student generally follows the minor requirements associated with his or her matriculation year or newer requirements that have been established since matriculation. The time limit for following requirements from a given academic year is six years.

For additional information on requirements on minors, click here (<https://adminfinance.okstate.edu/site-files/documents/policies/requirements-for-undergraduate-and-graduate-minors.pdf>).



# Statistics, BS

## Degree Requirements

**Requirements for Students Matriculating in or before Academic Year 2022-2023.** Learn more about University Academic Regulation 3.1 (p. 943).

**Minimum Overall Grade Point Average:** 2.00

**Total Hours:** 120

Code	Title	Hours
<b>General Education Requirements</b>		
<i>English Composition</i>		
See Academic Regulation 3.5 (p. 944)		
ENGL 1113	Composition I	3
or ENGL 1313	Critical Analysis and Writing I	
Select one of the following:		3
ENGL 1213	Composition II	
ENGL 1413	Critical Analysis and Writing II	
ENGL 3323	Technical Writing	
<i>American History &amp; Government</i>		
HIST 1103	Survey of American History	3
or HIST 1483	American History to 1865 (H)	
or HIST 1493	American History Since 1865 (DH)	
POLS 1113	American Government	3
<i>Analytical &amp; Quantitative Thought (A)</i>		
MATH 2144	Calculus I (A)	4
MATH 2153	Calculus II (A)	3
<i>Humanities (H)</i>		
Courses designated (H)		6
<i>Natural Sciences (N)</i>		
Must include one Laboratory Science (L) course		
Courses designated (N)		6
<i>Social &amp; Behavioral Sciences (S)</i>		
SPCH 2713	Introduction to Speech Communication (S)	3
<i>Additional General Education</i>		
Courses designated (A), (H), (N), or (S)		6
<b>Hours Subtotal</b>		<b>40</b>
<b>Diversity (D) &amp; International Dimension (I)</b>		
May be completed in any part of the degree plan		
Select at least one Diversity (D) course		
Select at least one International Dimension (I) course		
<b>College/Departmental Requirements</b>		
<i>First Year Seminar</i>		
(Transfer students with 15 hours exempt)		1
<i>Arts &amp; Humanities</i>		
See note 2.a.		3
<i>Natural &amp; Mathematical Sciences</i>		
CS 1103	Computer Programming (A)	3
or CS 1113	Computer Science I (A)	
CS 2133	Computer Science II	3
or MATH 2233	Differential Equations	
CS 3513	Numerical Methods for Digital Computers	3

or CS 4513 Introduction to Numerical Analysis

<i>Foreign Language</i>		
See note 3		0
0-6 hours		
<i>Upper-Division General Education</i>		
Select 6 hours outside major department		
See note 2.c.		
<b>Hours Subtotal</b>		<b>13</b>
<b>Major Requirements</b>		
Minimum GPA 2.50 with a minimum grade of "C" in each course		
<i>Statistics Core Courses</i>		
MATH 2163	Calculus III	3
MATH 3013	Linear Algebra (A)	3
STAT 4013	Statistical Methods I (A)	3
STAT 4023	Statistical Methods II	3
STAT 4043	Applied Regression Analysis	3
STAT 4193	SAS and R Programming	3
STAT 4203	Mathematical Statistics I	3
STAT 4213	Mathematical Statistics II	3
STAT 4981	Statistics Capstone I	1
or STAT 4991	Statistics Capstone II	
<i>Area of Application</i>		
Select 9 hours of the following:		9
CS 3353	Data Structures and Algorithm Analysis I	
CS 3443	Computer Systems	
CS 3653	Discrete Mathematics for Computer Science	
ECON 3113	Intermediate Microeconomics	
ECON 4213	Econometric Methods	
ECON 4223	Business and Economic Forecasting	
FIN 3113	Finance	
FIN 4223	Investments	
FIN 4333	Financial Management	
FIN 4763	Financial Futures and Options Markets	
IEM 3703	Probability and Statistics for Engineers II	
IEM 4013	Operations Research	
IEM 4103	Quality Control and Reliability Analysis	
IEM 4113	Industrial Experimentation	
MATH 3613	Introduction to Abstract Algebra	
MATH 4013	Calculus of Several Variables	
MATH 4423	Geometry and Algorithms in Three-Dimensional Modeling	
MATH 4453	Mathematical Interest Theory	
MATH 4553	Introduction to Optimization	
MATH 4663	Combinatorics	
MSIS 3103	End User Database Systems Design and Management	
MSIS 3223	Principles of Data Analytics	
MSIS 3233	Management Science - Prescriptive Analytics	
MSIS 3243	Descriptive Analytics	
MSIS 3393	Advanced Spreadsheet Modeling and Programming	

STAT 4463	Statistical Machine Learning with R	
STAT 4980	Internship in Statistics (max 3 hours)	
STAT 5053	Time Series Analysis	
<b>Concentration</b>		
9 additional upper-division hours from Area of Application or 9 upper-division hours of one prefix from CS, ECON, FIN, IEM, MATH, MSIS, MKTG, MGMT, STAT, or other upper-division courses approved by the department		9
<b>Hours Subtotal</b>		<b>43</b>
<b>Electives</b>		
Select 24 hours		24
May need to include 6 hours of a foreign language (see note 3)		
May need to include 6 hours upper-division general education outside major department (see note 2.c.)		
<b>Hours Subtotal</b>		<b>24</b>
<b>Total Hours</b>		<b>120</b>

## Other Requirements

- See the College of Arts and Sciences Requirements.
- **Upper-Division Credit:** Total hours must include at least 40 hours in courses numbered 3000 or above.
- **Hours in One Department:** For B.A. and B.S. degrees, no more than 54 hours in one department may be applied to degree requirements.

## College of Arts and Sciences Requirements

### 1. General Education Requirements

No more than two courses (or eight hours) from the major department (<http://catalog.okstate.edu/college-arts-sciences-major-departments/>) may be used to meet General Education and College and Departmental Requirements. The General Education required English Composition, required U.S. History, required American Government, one required MATH or STAT course, and required foreign language for B.A. degrees do not count against the two-course maximum.

### 2. A&S College/Departmental Requirements

- Arts and Humanities are defined as any course carrying an (H) designation or courses from AMST, ART, DANC, ENGL (except ENGL 3323 Technical Writing) HIST, MUSI, PHIL (except PHIL 1313 Logic and Critical Thinking (A), PHIL 3003 Symbolic Logic (A) and PHIL 4003 Mathematical Logic and Computability), REL, TH, and foreign languages.
- Natural and Mathematical Sciences are defined as any course from the following prefixes: ASTR, BIOC, BIOL, CHEM, CS (except CS 4883 Social Issues in Computing), GEOL, MATH, MICR, PBIO, PHYS, and STAT; or courses from other departments that carry an (A) or (N) general education designation.
- The required six hours of upper-division General Education may not include courses from the student's major department. This requirement may be satisfied by courses also used to satisfy any part of a student's degree program (i.e., in General Education, College Departmental Requirements, Major Requirements or Electives).
- Non-Western Studies Requirement for B.A. and B.F.A.; One 3-hour course in Non-Western Studies (N.W.). This requirement may be satisfied by courses also used to satisfy any part of a student's

degree program (i.e., in General Education, College Departmental Requirements, Major Requirements or Electives).

- The College of Arts & Sciences requires a minimum 2.0 GPA in all major requirements and a minimum 2.0 GPA in all major-prefix courses applied to the degree.

### 3. Foreign Language Proficiency

- The foreign language requirement for the B.A. may be satisfied by 9 hours college credit in the same language, which must include 3 hours at the 2000-level, or equivalent proficiency (e.g., passing an advanced standing examination; TOEFL exam; presenting a high school transcript which demonstrates the high school was primarily conducted in a language other than English; etc.). Computer Science courses may not be used to satisfy this requirement. Currently Arabic and Mvskoke are not offered at the 2000-level at OSU.
- The foreign language requirement for the B.S., B.M. and B.F.A. may be satisfied by presenting a high school transcript which demonstrates two years of study of a single foreign language (passing grades at second-year level of study). It may also be satisfied by 6 hours college credit in the same language, which must include language courses 1713 and 1813, or equivalent proficiency (e.g., passing an advanced standing examination; TOEFL exam; presenting a high school transcript which demonstrates the high school was primarily conducted in a language other than English; etc.). Computer Science courses may not be used to satisfy this requirement.
- In addition to a. and b., students pursuing teacher certification must meet novice-high foreign language proficiency by presenting a high school transcript which demonstrates two years of study of a single foreign language with no grade below B. Or, students may complete 3 hours college credit in a single language with no grade below C (or pass an advanced standing examination, College Level Examination Program (CLEP) exam, or Oral Proficiency Interview developed by the American Council on the Teaching of Foreign Languages, equivalent to 3 hours of college credit.) Or, students may meet the requirement by transfer of documentation of meeting the foreign language competency from one of the teacher education programs in the State of Oklahoma approved by the Oklahoma State Regents for Higher Education.

### 4. Exclusions

- Courses used to satisfy the General Education English Composition, U.S. History, American Government, and Mathematics or Statistics requirements will not count toward the 54-hour maximum allowed from one department.
- Courses with ATHL or LEIS prefixes and leisure activity courses may not be used for degree credit.

## Additional State/OSU Requirements

- At least: 60 hours at a four-year institution; 30 hours completed at OSU; 15 of the final 30 or 50% of the upper-division hours in the major field completed at OSU.
- Limit of: one-half of major course requirements as transfer work; one-fourth of hours earned by correspondence; 8 transfer correspondence hours.
- Students will be held responsible for degree requirements in effect at the time of matriculation and any changes that are made, so long as these changes do not result in semester credit hours being added or do not delay graduation.

- Degrees that follow this plan must be completed by the end of Summer 2028.

## Example Plan of Study

### Finish in Four Plan of Study

The plan below is an **example** of how students can successfully complete degree requirements in four years. This suggested class schedule plan may be used as a guide and can be adjusted based on individual needs. Students are required to meet with an academic advisor prior to enrollment each semester to plan their class schedule, and students are ultimately responsible for completing all degree requirements.

Course	Title	Hours
<b>Freshman</b>		
<b>Fall</b>		
MATH 2144	Calculus I (A)	4
General Education and Elective courses (MSIS 2103 recommended)		11
<b>Hours</b>		<b>15</b>
<b>Spring</b>		
MATH 2153	Calculus II (A)	3
If interested in Economics or Finance Application, consider ECON 2003 or 2103, and ACCT 2003.		
General Education courses		12
<b>Hours</b>		<b>15</b>
<b>Sophomore</b>		
<b>Fall</b>		
MATH 2163	Calculus III	3
STAT 4013	Statistical Methods I (A)	3
General Education courses		9
<b>Hours</b>		<b>15</b>
<b>Spring</b>		
MATH 3013	Linear Algebra (A)	3
STAT 4023	Statistical Methods II	3
CS 1113 or CS 1103	Computer Science I (A) or Computer Programming (A)	3
College and Elective courses		6
<b>Hours</b>		<b>15</b>
<b>Junior</b>		
<b>Fall</b>		
STAT 4193	SAS and R Programming	3
CS 2133 or MATH 2233	Computer Science II or Differential Equations	3
3 hours from Area of Application		3
Major, College, and Elective courses		6
<b>Hours</b>		<b>15</b>
<b>Spring</b>		
STAT 4043	Applied Regression Analysis	3
3 hours from Area of Application		3
3 hours from Concentration		3
Major, College, and Elective courses		6
<b>Hours</b>		<b>15</b>
<b>Senior</b>		
<b>Fall</b>		
STAT 4203	Mathematical Statistics I	3
STAT 4981	Statistics Capstone I (if Grad School bound)	1
CS 3513 or CS 4513	Numerical Methods for Digital Computers or Introduction to Numerical Analysis	3
3 hours from Area of Application		3
3 hours from Concentration		3
Major, College, and Elective courses		2
<b>Hours</b>		<b>15</b>

### Spring

STAT 4213	Mathematical Statistics II	3
STAT 4991	Statistics Capstone II (if Industry bound)	1
3 hours from Concentration		3
Major, College, and Elective courses		8
<b>Hours</b>		<b>15</b>
<b>Total Hours</b>		<b>120</b>

1

Speak with academic advisor about saving General Education electives and Humanities (H) for Upper-division courses with International (I) and Diversity (D) dimensions.

## Statistics: Actuarial Science, BS

### Degree Requirements

**Requirements for Students Matriculating in or before Academic Year 2022-2023.** Learn more about University Academic Regulation 3.1 (p. 943).

**Minimum Overall Grade Point Average:** 2.00

**Total Hours:** 120

Code	Title	Hours
<b>General Education Requirements</b>		
<i>English Composition</i>		
See Academic Regulation 3.5 (p. 944)		
ENGL 1113	Composition I	3
or ENGL 1313	Critical Analysis and Writing I	
Select one from the following:		3
ENGL 1213	Composition II	
ENGL 1413	Critical Analysis and Writing II	
ENGL 3323	Technical Writing	
<i>American History &amp; Government</i>		
HIST 1103	Survey of American History	3
or HIST 1483	American History to 1865 (H)	
or HIST 1493	American History Since 1865 (DH)	
POLS 1113	American Government	3
<i>Analytical &amp; Quantitative Thought (A)</i>		
MATH 2144	Calculus I (A)	4
MATH 2153	Calculus II (A)	3
<i>Humanities (H)</i>		
Courses designated (H)		6
<i>Natural Sciences (N)</i>		
Must include one Laboratory Science (L) course		
Courses designated (N)		6
<i>Social &amp; Behavioral Sciences (S)</i>		
SPCH 2713	Introduction to Speech Communication (S)	3
ECON 2103	Introduction to Microeconomics (S)	3
<i>Additional General Education</i>		
Courses designated (A), (H), (N), or (S)		3
<b>Hours Subtotal</b>		<b>40</b>
<b>Diversity (D) &amp; International Dimension (I)</b>		
May be completed in any part of the degree plan		
Select at least one Diversity (D) course		
Select at least one International Dimension (I) course		
<b>College/Departmental Requirements</b>		
<i>First-Year Seminar</i>		
(Transfer students with 15 hours exempt)		1
<i>Arts &amp; Humanities</i>		
See note 2.a.		3
<i>Natural &amp; Mathematical Sciences</i>		
CS 1103	Computer Programming (A)	3
or CS 1113	Computer Science I (A)	
CS 2133	Computer Science II	3
or MATH 2233	Differential Equations	

CS 3513	Numerical Methods for Digital Computers	3
or CS 4513	Introduction to Numerical Analysis	
<i>Foreign Language</i>		
0-6 hours. See note 3.		
<i>Upper-Division General Education</i>		
Select 6 hours outside major department. See note 2.c.		
<b>Hours Subtotal</b>		<b>13</b>
<b>Major Requirements</b>		
Minimum GPA 2.50 with a minimum grade of "C" in each course.		
No more than 29 hours from ACCT, BADM, ECON, EEE, FIN, LSB, MGMT, MKTG, MSIS may be applied to the degree.		
<i>Statistics Core Courses:</i>		
MATH 2163	Calculus III	3
MATH 3013	Linear Algebra (A)	3
STAT 4013	Statistical Methods I (A)	3
STAT 4023	Statistical Methods II	3
STAT 4043	Applied Regression Analysis <sup>1</sup>	3
STAT 4193	SAS and R Programming	3
STAT 4203	Mathematical Statistics I	3
STAT 4213	Mathematical Statistics II	3
STAT 4981	Statistics Capstone I	1
or STAT 4991	Statistics Capstone II	
<i>Actuarial Science:</i>		
Select 18 hours from:		18
ACCT 2103	Financial Accounting <sup>1</sup>	
ACCT 2203	Managerial Accounting	
ECON 2203	Introduction to Macroeconomics <sup>1</sup>	
ECON 4213	Econometric Methods <sup>1</sup>	
ECON 4223	Business and Economic Forecasting <sup>1</sup>	
FIN 3113	Finance <sup>1</sup>	
FIN 3613	General Insurance	
FIN 4223	Investments	
FIN 4333	Financial Management <sup>1</sup>	
or FIN 4763	Financial Futures and Options Markets	
STAT 4980	Internship in Statistics (max 3 hours)	
STAT 5053	Time Series Analysis <sup>1</sup>	
Select 6 hours from:		6
ECON 3113	Intermediate Microeconomics	
MATH 4013	Calculus of Several Variables	
MATH 4453	Mathematical Interest Theory	
MGMT 3013	Fundamentals of Management (S)	
or any upper-division AGECE, ECON, FIN.		
<b>Hours Subtotal</b>		<b>49</b>
<b>Electives</b>		
Select 18 hours.		18
May need to include 6 hours of a foreign language. See note 3.		
May need to include 6 hours upper-division general education outside major department. See note 2.c.		
MATH 1513 and MATH 1813 required for students who do not place directly into MATH 2144.		
<b>Hours Subtotal</b>		<b>18</b>
<b>Total Hours</b>		<b>120</b>

1

Minimum grade of "B" required for the Society of Actuaries' Validation by Educational Experience (VEE) certification.

## Other Requirements

- See the College of Arts and Sciences Requirements.
- **Upper-Division Credit:** Total hours must include at least 40 hours in courses numbered 3000 or above.
- **Hours in One Department:** For B.A. and B.S. degrees, no more than 54 hours in one department may be applied to degree requirements.

## College of Arts and Sciences Requirements

### 1. General Education Requirements

No more than two courses (or eight hours) from the major department (<http://catalog.okstate.edu/college-arts-sciences-major-departments/>) may be used to meet General Education and College and Departmental Requirements. The General Education required English Composition, required U.S. History, required American Government, one required MATH or STAT course, and required foreign language for B.A. degrees do not count against the two-course maximum.

### 2. A&S College/Departmental Requirements

- a. Arts and Humanities are defined as any course carrying an (H) designation or courses from AMST, ART, DANC, ENGL (except ENGL 3323 Technical Writing) HIST, MUSI, PHIL (except PHIL 1313 Logic and Critical Thinking (A), PHIL 3003 Symbolic Logic (A) and PHIL 4003 Mathematical Logic and Computability), REL, TH, and foreign languages.
- b. Natural and Mathematical Sciences are defined as any course from the following prefixes: ASTR, BIOC, BIOL, CHEM, CS (except CS 4883 Social Issues in Computing), GEOL, MATH, MICR, PBIO, PHYS, and STAT; or courses from other departments that carry an (A) or (N) general education designation.
- c. The required six hours of upper-division General Education may not include courses from the student's major department. This requirement may be satisfied by courses also used to satisfy any part of a student's degree program (i.e., in General Education, College Departmental Requirements, Major Requirements or Electives).
- d. Non-Western Studies Requirement for B.A. and B.F.A.; One 3-hour course in Non-Western Studies (N.W.). This requirement may be satisfied by courses also used to satisfy any part of a student's degree program (i.e., in General Education, College Departmental Requirements, Major Requirements or Electives).
- e. The College of Arts & Sciences requires a minimum 2.0 GPA in all major requirements and a minimum 2.0 GPA in all major-prefix courses applied to the degree.

### 3. Foreign Language Proficiency

- a. The foreign language requirement for the B.A. may be satisfied by 9 hours college credit in the same language, which must include 3 hours at the 2000-level, or equivalent proficiency (e.g., passing an advanced standing examination; TOEFL exam; presenting a high school transcript which demonstrates the high school was primarily conducted in a language other than English; etc.). Computer Science courses may not be used to satisfy this requirement. Currently Arabic and Mvskoke are not offered at the 2000-level at OSU.

- b. The foreign language requirement for the B.S., B.M. and B.F.A. may be satisfied by presenting a high school transcript which demonstrates two years of study of a single foreign language (passing grades at second-year level of study). It may also be satisfied by 6 hours college credit in the same language, which must include language courses 1713 and 1813, or equivalent proficiency (e.g., passing an advanced standing examination; TOEFL exam; presenting a high school transcript which demonstrates the high school was primarily conducted in a language other than English; etc.). Computer Science courses may not be used to satisfy this requirement.
- c. In addition to a. and b., students pursuing teacher certification must meet novice-high foreign language proficiency by presenting a high school transcript which demonstrates two years of study of a single foreign language with no grade below B. Or, students may complete 3 hours college credit in a single language with no grade below C (or pass an advanced standing examination, College Level Examination Program (CLEP) exam, or Oral Proficiency Interview developed by the American Council on the Teaching of Foreign Languages, equivalent to 3 hours of college credit.) Or, students may meet the requirement by transfer of documentation of meeting the foreign language competency from one of the teacher education programs in the State of Oklahoma approved by the Oklahoma State Regents for Higher Education.

### 4. Exclusions

- a. Courses used to satisfy the General Education English Composition, U.S. History, American Government, and Mathematics or Statistics requirements will not count toward the 54-hour maximum allowed from one department.
- b. Courses with ATHL or LEIS prefixes and leisure activity courses may not be used for degree credit.

## Additional State/OSU Requirements

- At least: 60 hours at a four-year institution; 30 hours completed at OSU; 15 of the final 30 or 50% of the upper-division hours in the major field completed at OSU.
- Limit of: one-half of major course requirements as transfer work; one-fourth of hours earned by correspondence; 8 transfer correspondence hours.
- Students will be held responsible for degree requirements in effect at the time of matriculation and any changes that are made, so long as these changes do not result in semester credit hours being added or do not delay graduation.
- Degrees that follow this plan must be completed by the end of Summer 2028.

## Example Plan of Study

### Finish in Four Plan of Study

The plan below is an **example** of how students can successfully complete degree requirements in four years. This suggested class schedule plan may be used as a guide and can be adjusted based on individual needs. Students are required to meet with an academic advisor prior to enrollment each semester to plan their class schedule, and students are ultimately responsible for completing all degree requirements.

Course	Title	Hours
<b>Freshman</b>		
<b>Fall</b>		
MATH 2144	Calculus I (A)	4
General Education and Elective courses (MSIS 2103 recommended)		11
<b>Hours</b>		<b>15</b>
<b>Spring</b>		
MATH 2153	Calculus II (A)	3
ECON 2103	Introduction to Microeconomics (S)	3
General Education courses		9
<b>Hours</b>		<b>15</b>
<b>Sophomore</b>		
<b>Fall</b>		
MATH 2163	Calculus III	3
STAT 4013	Statistical Methods I (A)	3
ACCT 2003 or ECON 2203	Survey of Accounting or Introduction to Macroeconomics	3
General Education courses		6
<b>Hours</b>		<b>15</b>
<b>Spring</b>		
MATH 3013	Linear Algebra (A)	3
STAT 4023	Statistical Methods II	3
CS 1103 or CS 1113	Computer Programming (A) or Computer Science I (A)	3
3 hours from Actuarial Science courses		3
College and Elective courses		3
<b>Hours</b>		<b>15</b>
<b>Junior</b>		
<b>Fall</b>		
STAT 4193	SAS and R Programming	3
CS 2133 or MATH 2233	Computer Science II or Differential Equations	3
3 hours from Actuarial Science courses		3
Major, College, and Elective courses		6
<b>Hours</b>		<b>15</b>
<b>Spring</b>		
STAT 4043	Applied Regression Analysis	3
3 hours from Actuarial Science courses		3
Major Elective		3
College and Elective courses		6
<b>Hours</b>		<b>15</b>
<b>Senior</b>		
<b>Fall</b>		
STAT 4203	Mathematical Statistics I	3
CS 3513 or CS 4513	Numerical Methods for Digital Computers or Introduction to Numerical Analysis	3
STAT 4981	Statistics Capstone I (if Grad School bound)	1
3 hours from Concentration		3
Major, College, and Elective courses		5
<b>Hours</b>		<b>15</b>
<b>Spring</b>		
STAT 4213	Mathematical Statistics II	3
STAT 4991	Statistics Capstone II (if Industry bound)	1
3 hours from Actuarial Science courses		3
Major elective		3
Elective courses		5
<b>Hours</b>		<b>15</b>
<b>Total Hours</b>		<b>120</b>



## Statistics: Business Essentials, BS

### Degree Requirements

**Requirements for Students Matriculating in or before Academic Year 2022-2023.** Learn more about University Academic Regulation 3.1 (p. 943).

**Minimum Overall Grade Point Average:** 2.00

**Total Hours:** 120

Code	Title	Hours
<b>General Education Requirements</b>		
<i>English Composition</i>		
See Academic Regulation 3.5 (p. 944)		
ENGL 1113	Composition I	3
or ENGL 1313	Critical Analysis and Writing I	
Select one of the following:		3
ENGL 1213	Composition II	
ENGL 1413	Critical Analysis and Writing II	
ENGL 3323	Technical Writing	
<i>American History &amp; Government</i>		
HIST 1103	Survey of American History	3
or HIST 1483	American History to 1865 (H)	
or HIST 1493	American History Since 1865 (DH)	
POLS 1113	American Government	3
<i>Analytical &amp; Quantitative Thought (A)</i>		
MATH 2144	Calculus I (A)	4
MATH 2153	Calculus II (A)	3
<i>Humanities (H)</i>		
Courses designated (H)		6
<i>Natural Sciences (N)</i>		
Must include one Laboratory Science (L) course.		
Courses designated (N)		6
<i>Social &amp; Behavioral Sciences (S)</i>		
SPCH 2713	Introduction to Speech Communication (S)	3
MGMT 3013	Fundamentals of Management (S)	3
<i>Additional General Education</i>		
Courses designated (A), (H), (N), or (S)		3
<b>Hours Subtotal</b>		<b>40</b>
<b>Diversity (D) &amp; International Dimension (I)</b>		
May be completed in any part of the degree plan		
Select at least one Diversity (D) course		
Select at least one International Dimension (I) course		
<b>College/Departmental Requirements</b>		
<i>First-Year Seminar</i>		
(Transfer students with 15 hours exempt)		1
<i>Arts &amp; Humanities</i>		
See note 2.a.		3
<i>Natural &amp; Mathematical Sciences</i>		
CS 1103	Computer Programming (A)	3
or CS 1113	Computer Science I (A)	
CS 2133	Computer Science II	3
or MATH 2233	Differential Equations	

CS 3513	Numerical Methods for Digital Computers	3
or CS 4513	Introduction to Numerical Analysis	

*Foreign Language*

0-6 hours. See note 3.

*Upper-Division General Education*

Select 6 hours outside major department. See note 2.c.

**Hours Subtotal** **13**

**Major Requirements**

Minimum GPA 2.50 with a minimum grade of "C" in each course.

No more than 29 hours from ACCT, BADM, ECON, EEE, FIN, LSB, MGMT, MKTG, MSIS may be applied to the degree.

*Statistics Core Courses:*

MATH 2163	Calculus III	3
MATH 3013	Linear Algebra (A)	3
STAT 4013	Statistical Methods I (A)	3
STAT 4023	Statistical Methods II	3
STAT 4043	Applied Regression Analysis	3
STAT 4193	SAS and R Programming	3
STAT 4203	Mathematical Statistics I	3
STAT 4213	Mathematical Statistics II	3
STAT 4981	Statistics Capstone I	1
or STAT 4991	Statistics Capstone II	

*Area of Application:*

9 hours to be selected from upper-division CS, ECON, FIN, IEM, MATH, MSIS, STAT (no more than 3 hours of STAT 4980).

*Business Essentials Concentration:*

ACCT 2003	Survey of Accounting	3
MKTG 3213	Marketing (S)	3
3 hours from:		3
ECON 2003	Microeconomic Principles for Business	
EEE 2023	Introduction to Entrepreneurship	
LSB 3213	Legal and Regulatory Environment of Business	
MSIS 2103	Business Data Science Technologies	

**Hours Subtotal** **43**

**Electives**

Select 24 hours. **24**

May need 6 hours of a foreign language. See note 3.

May need to include 6 hours upper-division general education outside major department. See note 2.c.

MATH 1513 and MATH 1813 required for students who do not place directly into MATH 2144.

**Hours Subtotal** **24**

**Total Hours** **120**

### Other Requirements

- See the College of Arts and Sciences Requirements.
- **Upper-Division Credit:** Total hours must include at least 40 hours in courses numbered 3000 or above.
- **Hours in One Department:** For B.A. and B.S. degrees, no more than 54 hours in one department may be applied to degree requirements.

# College of Arts and Sciences Requirements

## 1. General Education Requirements

No more than two courses (or eight hours) from the major department (<http://catalog.okstate.edu/college-arts-sciences-major-departments/>) may be used to meet General Education and College and Departmental Requirements. The General Education required English Composition, required U.S. History, required American Government, one required MATH or STAT course, and required foreign language for B.A. degrees do not count against the two-course maximum.

## 2. A&S College/Departmental Requirements

- Arts and Humanities are defined as any course carrying an (H) designation or courses from AMST, ART, DANC, ENGL (except ENGL 3323 Technical Writing) HIST, MUSI, PHIL (except PHIL 1313 Logic and Critical Thinking (A), PHIL 3003 Symbolic Logic (A) and PHIL 4003 Mathematical Logic and Computability), REL, TH, and foreign languages.
- Natural and Mathematical Sciences are defined as any course from the following prefixes: ASTR, BIOC, BIOL, CHEM, CS (except CS 4883 Social Issues in Computing), GEOL, MATH, MICR, PBIO, PHYS, and STAT; or courses from other departments that carry an (A) or (N) general education designation.
- The required six hours of upper-division General Education may not include courses from the student's major department. This requirement may be satisfied by courses also used to satisfy any part of a student's degree program (i.e., in General Education, College Departmental Requirements, Major Requirements or Electives).
- Non-Western Studies Requirement for B.A. and B.F.A.; One 3-hour course in Non-Western Studies (N.W.). This requirement may be satisfied by courses also used to satisfy any part of a student's degree program (i.e., in General Education, College Departmental Requirements, Major Requirements or Electives).
- The College of Arts & Sciences requires a minimum 2.0 GPA in all major requirements and a minimum 2.0 GPA in all major-prefix courses applied to the degree.

## 3. Foreign Language Proficiency

- The foreign language requirement for the B.A. may be satisfied by 9 hours college credit in the same language, which must include 3 hours at the 2000-level, or equivalent proficiency (e.g., passing an advanced standing examination; TOEFL exam; presenting a high school transcript which demonstrates the high school was primarily conducted in a language other than English; etc.). Computer Science courses may not be used to satisfy this requirement. Currently Arabic and Mvskoke are not offered at the 2000-level at OSU.
- The foreign language requirement for the B.S., B.M. and B.F.A. may be satisfied by presenting a high school transcript which demonstrates two years of study of a single foreign language (passing grades at second-year level of study). It may also be satisfied by 6 hours college credit in the same language, which must include language courses 1713 and 1813, or equivalent proficiency (e.g., passing an advanced standing examination; TOEFL exam; presenting a high school transcript which demonstrates the high school was primarily conducted in a language other than English; etc.). Computer Science courses may not be used to satisfy this requirement.

- In addition to a. and b., students pursuing teacher certification must meet novice-high foreign language proficiency by presenting a high school transcript which demonstrates two years of study of a single foreign language with no grade below B. Or, students may complete 3 hours college credit in a single language with no grade below C (or pass an advanced standing examination, College Level Examination Program (CLEP) exam, or Oral Proficiency Interview developed by the American Council on the Teaching of Foreign Languages, equivalent to 3 hours of college credit.) Or, students may meet the requirement by transfer of documentation of meeting the foreign language competency from one of the teacher education programs in the State of Oklahoma approved by the Oklahoma State Regents for Higher Education.

## 4. Exclusions

- Courses used to satisfy the General Education English Composition, U.S. History, American Government, and Mathematics or Statistics requirements will not count toward the 54-hour maximum allowed from one department.
- Courses with ATHL or LEIS prefixes and leisure activity courses may not be used for degree credit.

## Additional State/OSU Requirements

- At least: 60 hours at a four-year institution; 30 hours completed at OSU; 15 of the final 30 or 50% of the upper-division hours in the major field completed at OSU.
- Limit of: one-half of major course requirements as transfer work; one-fourth of hours earned by correspondence; 8 transfer correspondence hours.
- Students will be held responsible for degree requirements in effect at the time of matriculation and any changes that are made, so long as these changes do not result in semester credit hours being added or do not delay graduation.
- Degrees that follow this plan must be completed by the end of Summer 2028.

## Example Plan of Study

### Finish in Four Plan of Study

The plan below is an **example** of how students can successfully complete degree requirements in four years. This suggested class schedule plan may be used as a guide and can be adjusted based on individual needs. Students are required to meet with an academic advisor prior to enrollment each semester to plan their class schedule, and students are ultimately responsible for completing all degree requirements.

Course	Title	Hours
<b>Freshman</b>		
<b>Fall</b>		
MATH 2144	Calculus I (A)	4
General Education and Elective courses (MSIS 2103 recommended)		11
<b>Hours</b>		<b>15</b>
<b>Spring</b>		
MATH 2153	Calculus II (A)	3
ECON 2003	Microeconomic Principles for Business	3
ACCT 2003	Survey of Accounting	3
General Education courses		6
<b>Hours</b>		<b>15</b>

**Sophomore****Fall**

MATH 2163	Calculus III	3
STAT 4013	Statistical Methods I (A)	3
MGMT 3013	Fundamentals of Management (S)	3
General Education courses		6
<b>Hours</b>		<b>15</b>

**Spring**

MATH 3013	Linear Algebra (A)	3
STAT 4023	Statistical Methods II	3
CS 1103 or CS 1113	Computer Programming (A) or Computer Science I (A)	3
MKTG 3213	Marketing (S)	3
College and Elective courses		3
<b>Hours</b>		<b>15</b>

**Junior****Fall**

STAT 4193	SAS and R Programming	3
CS 2133 or MATH 2233	Computer Science II or Differential Equations	3
3 hours from Area of Application		3
Major, College, and Elective courses		6
<b>Hours</b>		<b>15</b>

**Spring**

STAT 4043	Applied Regression Analysis	3
3 hours from Area of Application		3
Major, College, and Elective courses		9
<b>Hours</b>		<b>15</b>

**Senior****Fall**

STAT 4203	Mathematical Statistics I	3
CS 3513 or CS 4513	Numerical Methods for Digital Computers or Introduction to Numerical Analysis	3
STAT 4981	Statistics Capstone I (if Grad School bound)	1
3 hours from Area of Application		3
Major, College, and Elective courses		5
<b>Hours</b>		<b>15</b>

**Spring**

STAT 4213	Mathematical Statistics II	3
STAT 4991	Statistics Capstone II (if Industry bound)	1
Major, College, and Elective courses		11
<b>Hours</b>		<b>15</b>
<b>Total Hours</b>		<b>120</b>

# Statistics: Data Science, BS

## Degree Requirements

**Requirements for Students Matriculating in or before Academic Year 2022-2023.** Learn more about University Academic Regulation 3.1 (p. 943).

**Minimum Overall Grade Point Average:** 2.00

**Total Hours:** 120

Code	Title	Hours
<b>General Education Requirements</b>		
<i>English Composition</i>		
See Academic Regulation 3.5 (p. 944)		
ENGL 1113	Composition I	3
or ENGL 1313	Critical Analysis and Writing I	
ENGL 1213	Composition II	3
or ENGL 1413	Critical Analysis and Writing II	
or ENGL 3323	Technical Writing	
<i>American History &amp; Government</i>		
HIST 1103	Survey of American History	3
or HIST 1483	American History to 1865 (H)	
or HIST 1493	American History Since 1865 (DH)	
POLS 1113	American Government	3
<i>Analytical &amp; Quantitative Thought (A)</i>		
MATH 2144	Calculus I (A)	4
MATH 2153	Calculus II (A)	3
<i>Humanities (H)</i>		
Courses designated (H)		6
<i>Natural Sciences (N)</i>		
Must include one Laboratory Science (L) course.		
Courses designated (N)		6
<i>Social &amp; Behavioral Sciences (S)</i>		
SPCH 2713	Introduction to Speech Communication (S)	3
<i>Additional General Education</i>		
Courses designated (A), (H), (N), or (S)		6
<b>Hours Subtotal</b>		<b>40</b>
<b>Diversity (D) &amp; International Dimension (I)</b>		
May be completed in any part of the degree plan		
Select at least one Diversity (D) course		
Select at least one International Dimension (I) course		
<b>College/Departmental Requirements</b>		
<i>First-Year Seminar</i>		
(Transfer students with 15 hours exempt)		1
<i>Arts &amp; Humanities</i>		
(see note 2.a.)		3
<i>Natural &amp; Mathematical Sciences</i>		
CS 1103	Computer Programming (A)	3
or CS 1113	Computer Science I (A)	
CS 2133	Computer Science II	3
or MATH 2233	Differential Equations	
CS 3513	Numerical Methods for Digital Computers	3
or CS 4513	Introduction to Numerical Analysis	

### Foreign Language

0-6 hours. See note 3.

### Upper-Division General Education

6 hours outside major department (See note 2.c.)

**Hours Subtotal** **13**

### Major Requirements

Minimum GPA 2.50 with a minimum grade of "C" in each course.

No more than 29 hours from ACCT, BADM, ECON, EEE, FIN, LSB, MGMT, MKTG, MSIS may be applied to the degree.

### Statistics Core Courses

MATH 2163	Calculus III	3
MATH 3013	Linear Algebra (A)	3
STAT 4013	Statistical Methods I (A)	3
STAT 4023	Statistical Methods II	3
STAT 4043	Applied Regression Analysis	3
STAT 4193	SAS and R Programming	3
STAT 4203	Mathematical Statistics I	3
STAT 4213	Mathematical Statistics II	3
STAT 4981	Statistics Capstone I	1
or STAT 4991	Statistics Capstone II	

### Data Science

MSIS 2103	Business Data Science Technologies	3
MSIS 3103	End User Database Systems Design and Management	3
STAT 4463	Statistical Machine Learning with R	3

Select 9 hours from the following:

MSIS 2203	Computer Programming for Business	3
MSIS 3223	Principles of Data Analytics	3
MSIS 3233	Management Science - Prescriptive Analytics	3
MSIS 3243	Descriptive Analytics	3
MSIS 3393	Advanced Spreadsheet Modeling and Programming	3
MSIS 4263	Business Intelligence and Predictive Analytics	3
MSIS 4623	Data Science Programming	3
MSIS 4673	Data Visualization	3
STAT 4980	Internship in Statistics (max 3 hours)	3
STAT 5053	Time Series Analysis	3

Select 6 additional hours from Data Science courses or 6 hours from any upper-division CS, MATH, MKTG, MGMT, MSIS, or STAT.

**Hours Subtotal** **49**

### Electives

18 hours **18**

May need to include 6 hours of a foreign language. (see note 3.)

May need to include 6 hours upper-division general education outside major department (see note 2.c.)

MATH 1513 and MATH 1813 required for students who do not place directly into MATH 2144.

**Hours Subtotal** **18**

**Total Hours** **120**

## Other Requirements

- See the College of Arts and Sciences Requirements.
- **Upper-Division Credit:** Total hours must include at least 40 hours in courses numbered 3000 or above.
- **Hours in One Department:** For B.A. and B.S. degrees, no more than 54 hours in one department may be applied to degree requirements.

## College of Arts and Sciences Requirements

### 1. General Education Requirements

No more than two courses (or eight hours) from the major department (<http://catalog.okstate.edu/college-arts-sciences-major-departments/>) may be used to meet General Education and College and Departmental Requirements. The General Education required English Composition, required U.S. History, required American Government, one required MATH or STAT course, and required foreign language for B.A. degrees do not count against the two-course maximum.

### 2. A&S College/Departmental Requirements

- Arts and Humanities are defined as any course carrying an (H) designation or courses from AMST, ART, DANC, ENGL (except ENGL 3323 Technical Writing) HIST, MUSI, PHIL (except PHIL 1313 Logic and Critical Thinking (A), PHIL 3003 Symbolic Logic (A) and PHIL 4003 Mathematical Logic and Computability), REL, TH, and foreign languages.
- Natural and Mathematical Sciences are defined as any course from the following prefixes: ASTR, BIOC, BIOL, CHEM, CS (except CS 4883 Social Issues in Computing), GEOL, MATH, MICR, PBIO, PHYS, and STAT; or courses from other departments that carry an (A) or (N) general education designation.
- The required six hours of upper-division General Education may not include courses from the student's major department. This requirement may be satisfied by courses also used to satisfy any part of a student's degree program (i.e., in General Education, College Departmental Requirements, Major Requirements or Electives).
- Non-Western Studies Requirement for B.A. and B.F.A.; One 3-hour course in Non-Western Studies (N.W.). This requirement may be satisfied by courses also used to satisfy any part of a student's degree program (i.e., in General Education, College Departmental Requirements, Major Requirements or Electives).
- The College of Arts & Sciences requires a minimum 2.0 GPA in all major requirements and a minimum 2.0 GPA in all major-prefix courses applied to the degree.

### 3. Foreign Language Proficiency

- The foreign language requirement for the B.A. may be satisfied by 9 hours college credit in the same language, which must include 3 hours at the 2000-level, or equivalent proficiency (e.g., passing an advanced standing examination; TOEFL exam; presenting a high school transcript which demonstrates the high school was primarily conducted in a language other than English; etc.). Computer Science courses may not be used to satisfy this requirement. Currently Arabic and Mvskoke are not offered at the 2000-level at OSU.
- The foreign language requirement for the B.S., B.M. and B.F.A. may be satisfied by presenting a high school transcript which demonstrates two years of study of a single foreign language (passing grades at second-year level of study). It may also

be satisfied by 6 hours college credit in the same language, which must include language courses 1713 and 1813, or equivalent proficiency (e.g., passing an advanced standing examination; TOEFL exam; presenting a high school transcript which demonstrates the high school was primarily conducted in a language other than English; etc.). Computer Science courses may not be used to satisfy this requirement.

- In addition to a. and b., students pursuing teacher certification must meet novice-high foreign language proficiency by presenting a high school transcript which demonstrates two years of study of a single foreign language with no grade below B. Or, students may complete 3 hours college credit in a single language with no grade below C (or pass an advanced standing examination, College Level Examination Program (CLEP) exam, or Oral Proficiency Interview developed by the American Council on the Teaching of Foreign Languages, equivalent to 3 hours of college credit.) Or, students may meet the requirement by transfer of documentation of meeting the foreign language competency from one of the teacher education programs in the State of Oklahoma approved by the Oklahoma State Regents for Higher Education.

### 4. Exclusions

- Courses used to satisfy the General Education English Composition, U.S. History, American Government, and Mathematics or Statistics requirements will not count toward the 54-hour maximum allowed from one department.
- Courses with ATHL or LEIS prefixes and leisure activity courses may not be used for degree credit.

## Additional State/OSU Requirements

- At least: 60 hours at a four-year institution; 30 hours completed at OSU; 15 of the final 30 or 50% of the upper-division hours in the major field completed at OSU.
- Limit of: one-half of major course requirements as transfer work; one-fourth of hours earned by correspondence; 8 transfer correspondence hours.
- Students will be held responsible for degree requirements in effect at the time of matriculation and any changes that are made, so long as these changes do not result in semester credit hours being added or do not delay graduation.
- Degrees that follow this plan must be completed by the end of Summer 2028.

## Example Plan of Study

### Finish in Four Plan of Study

The plan below is an **example** of how students can successfully complete degree requirements in four years. This suggested class schedule plan may be used as a guide and can be adjusted based on individual needs. Students are required to meet with an academic advisor prior to enrollment each semester to plan their class schedule, and students are ultimately responsible for completing all degree requirements.

Course	Title	Hours
<b>Freshman</b>		
<b>Fall</b>		
MSIS 2103	Business Data Science Technologies	3
MATH 2144	Calculus I (A)	4
General Education and Elective courses (MSIS 2103 recommended)		8
<b>Hours</b>		<b>15</b>

<b>Spring</b>		
MATH 2153	Calculus II (A)	3
General Education courses		12
<b>Hours</b>		<b>15</b>
<b>Sophomore</b>		
<b>Fall</b>		
MATH 2163	Calculus III	3
STAT 4013	Statistical Methods I (A)	3
MSIS 3103	End User Database Systems Design and Management	3
General Education courses		6
<b>Hours</b>		<b>15</b>
<b>Spring</b>		
MATH 3013	Linear Algebra (A)	3
STAT 4023	Statistical Methods II	3
CS 1113	Computer Science I (A)	3
or CS 1103	or Computer Programming (A)	
College and Elective courses		6
<b>Hours</b>		<b>15</b>
<b>Junior</b>		
<b>Fall</b>		
STAT 4193	SAS and R Programming	3
CS 2133	Computer Science II	3
or MATH 2233	or Differential Equations	
MSIS 3223	Principles of Data Analytics	3
Major, College, and Elective courses		6
<b>Hours</b>		<b>15</b>
<b>Spring</b>		
STAT 4043	Applied Regression Analysis	3
MSIS 3233	Management Science - Prescriptive Analytics	3
Major Elective		3
College and Elective courses		6
<b>Hours</b>		<b>15</b>
<b>Senior</b>		
<b>Fall</b>		
STAT 4203	Mathematical Statistics I	3
CS 3513	Numerical Methods for Digital Computers	3
or CS 4513	or Introduction to Numerical Analysis	
STAT 4981	Statistics Capstone I (if Grad School bound)	1
3 hours from Data Science courses		3
Major Elective		3
College and Elective courses		2
<b>Hours</b>		<b>15</b>
<b>Spring</b>		
STAT 4213	Mathematical Statistics II	3
STAT 4991	Statistics Capstone II (if Industry bound)	1
STAT 4463	Statistical Machine Learning with R	3
Elective courses		8
<b>Hours</b>		<b>15</b>
<b>Total Hours</b>		<b>120</b>



## Theatre

The Department of Theatre offers the Bachelor of Arts in Theatre degree and minors in Theatre and Dance.

The BA degree is a generalist degree, designed to provide a broad background in practical and theoretical areas while allowing students to develop an area of emphasis. The BA in Theatre is a comprehensive 48-hour degree with coursework in performance, technical theatre, directing, design, theatre history and dramatic literature. Students may elect an emphasis in performance, technical theatre, and design, or a combination of performance and design/tech. This degree program is ideally suited for students interested in several areas of performance and production and who desire a comprehensive education in every aspect of theatre. The size of the degree plan allows for students to pursue a double major or minor in another discipline.

An active production program in two well-equipped theatre spaces augments coursework. The regular production schedule consists of four faculty-supported main stage productions each year and two to four studio productions that are primarily directed, designed, and performed by students. Students also have the opportunity to study with a variety of guest artists and scholars during each academic year.

In addition to professional careers in acting and production, this major can lead to careers in arts management, teaching, law, counseling, or any career area where effective personal communication, team work, problem solving, and creativity are essential.

## Courses

### DANC 1003 Introduction to Dance Studies (H)

**Description:** Explore dance as an art form and academic discipline within a global context. No prior dance experience necessary.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Theatre

**General Education and other Course Attributes:** Humanities

### DANC 1200 Dance Ensemble Practicum

**Description:** Directed study and practice of dance in performance as a soloist or ensemble member. Offered for variable credit, 1-2 credit hours, maximum of 6 credit hours.

**Credit hours:** 1-2

**Contact hours:** Contact: 1-2 Other: 1-2

**Levels:** Undergraduate

**Schedule types:** Independent Study

**Department/School:** Theatre

### DANC 2002 Ballet I

**Description:** Fundamentals of ballet vocabulary, technique, and aesthetics taught through exercises at the barre, center work, and movement combinations. Suitable for the beginning through advanced student.

**Credit hours:** 2

**Contact hours:** Lecture: 1 Lab: 2 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lab, Lecture, Combined lecture and lab

**Department/School:** Theatre

### DANC 2102 Contemporary Modern Dance I

**Description:** Class provides an introduction to the use of gravity, spatial awareness, rhythm, and energy through study of global influences which construct contemporary dance - through floor work, center, and traveling combinations. Suitable for the beginning through advanced student.

**Credit hours:** 2

**Contact hours:** Lecture: 1 Lab: 2 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lab, Lecture, Combined lecture and lab

**Department/School:** Theatre

### DANC 2202 Jazz Dance

**Description:** Jazz dance techniques for theatrical performance emphasizing body alignment, coordination, flexibility, rhythm and jazz dance vocabulary in simple dance combinations. Suitable for the beginning through advanced student. Previously offered as TH 2412.

**Credit hours:** 2

**Contact hours:** Lecture: 1 Lab: 2 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lab, Lecture, Combined lecture and lab

**Department/School:** Theatre

### DANC 2302 Tap

**Description:** Fundamentals of tap dance techniques for theatrical performance emphasizing coordination, rhythm, and dance vocabulary in simple tap combinations. Suitable for the beginning through advanced student. Previously offered as TH 2432.

**Credit hours:** 2

**Contact hours:** Lecture: 1 Lab: 2 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lab, Lecture, Combined lecture and lab

**Department/School:** Theatre

### DANC 2402 Hip Hop Dance and Cultures

**Description:** This class provides an introduction to hip hop dance techniques and histories. Grounded in appropriate historical and cultural contexts, students will experience various styles under the Hip Hop "umbrella", and develop an understanding of the socio-cultural forces which shape the form.

**Credit hours:** 2

**Contact hours:** Lecture: 1 Lab: 2 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lab, Lecture, Combined lecture and lab

**Department/School:** Theatre

**DANC 2563 American Social Dance and Visual Culture**

**Description:** This introductory course offers a beginning-level survey of the cultural history of social dance in North America from the eighteenth century to the present. It combines study of the history, theory, and visual/material culture of social dance with physical practice of specific dance forms. Because few comprehensive written sources exist for social dance, visual art, including film, animation, paintings, sculpture, photography, and illustration, is a vital tool for understanding historic dance and its role in American society. Over the course of the semester, we will examine the visual culture of social dance in order to gain insight into its historical functions as a tool for social cohesion, intercultural exchange, protest/activism, and identity formation, among other things. Through the practice of these dance forms, we will add an experiential component to our analysis of the roles that social dance has played in American culture over time. Same course as ART 2563.

**Credit hours:** 3

**Contact hours:** Contact: 3 Other: 3

**Levels:** Undergraduate

**Schedule types:** Discussion

**Department/School:** Theatre

**DANC 2602 Dance Composition**

**Prerequisites:** DANC 2002 and DANC 2102 or permission of instructor.

**Description:** An investigation of the elements of dance composition and improvisation in order to experience new kinds of movement, make connections among varied movement ideas, and seek new relationships to create dances. A primer for choreographic studies.

**Credit hours:** 2

**Contact hours:** Lecture: 1 Lab: 2 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lab, Lecture, Combined lecture and lab

**Department/School:** Theatre

**DANC 2603 Context and Cultures: Mapping the Dancing Body (H)**

**Description:** This course orients students to the field of dance as an art form and academic discipline that exists beyond simple entertainment. Through readings, video viewing, discussions, writing, and creative assignments students will attune to "reading" the body as a space of intelligence, a creator and product of culture, and entwined within its socio-political contexts. Students will apply critical lenses of gender, race/ethnicity, economics, sexuality, and colonial/post-colonial/neo-colonialism to analyze systems of power. Coursework is curated to encourage curiosity, critical engagement, and a layered understanding of the rich lineages of dance. Students will demonstrate their understanding through written, spoken, and movement-based work.

**Credit hours:** 3

**Contact hours:** Contact: 3 Other: 3

**Levels:** Undergraduate

**Schedule types:** Discussion

**Department/School:** Theatre

**General Education and other Course Attributes:** Humanities

**DANC 3002 Ballet II**

**Prerequisites:** DANC 2002 or permission of instructor.

**Description:** Building upon Ballet I, this course emphasizes technical and artistic skills in style and presentation, and the use of increasingly complex combinations and technical vocabulary.

**Credit hours:** 2

**Contact hours:** Lecture: 1 Lab: 2 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lab, Lecture, Combined lecture and lab

**Department/School:** Theatre

**DANC 3102 Contemporary Modern Dance II**

**Prerequisites:** DANC 2102 or permission of instructor.

**Description:** Building on DANC 2102, class provides a continued investigation in to the use of gravity, spatial awareness, rhythm, and energy through study of global influences which construct contemporary dance - through floor work, center, and traveling combinations. Suitable for intermediate through advanced students.

**Credit hours:** 2

**Contact hours:** Lecture: 1 Lab: 2 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lab, Lecture, Combined lecture and lab

**Department/School:** Theatre

**DANC 3400 Teaching Assistant Practicum**

**Prerequisites:** Permission of instructor.

**Description:** Directed study and practice of dance teaching. This course provides the opportunity for students to learn about the process of teaching through active observation and assisting the instructor during a dance course. Offered for variable credit, 1-2 credit hours, maximum of 3 credit hours.

**Credit hours:** 1-2

**Contact hours:** Lecture: 1-2 Lab: 2-4 Contact: 3-6

**Levels:** Undergraduate

**Schedule types:** Lab, Lecture, Combined lecture and lab

**Department/School:** Theatre

**DANC 3502 Musical Theatre Dance**

**Prerequisites:** Ballet 1 or consent of instructor.

**Description:** Course focuses on training performers in the various dance styles used in Broadway and Off-Broadway musicals, and demonstrates the dance skills through performance of choreography by well-known choreographers.

**Credit hours:** 2

**Contact hours:** Lecture: 1 Lab: 2 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lab, Lecture, Combined lecture and lab

**Department/School:** Theatre

**DANC 3530 Special Topics in Dance**

**Prerequisites:** Instructor approval.

**Description:** This course offers specialized topics in dance techniques and dance histories. Offered for variable credit, 1-3 credit hours, maximum of 3 credit hours.

**Credit hours:** 1-3

**Contact hours:** Lecture: 1-3 Lab: 1-4 Contact: 2-7

**Levels:** Undergraduate

**Schedule types:** Lab, Lecture, Combined lecture and lab

**Department/School:** Theatre

**DANC 3603 Choreography**

**Prerequisites:** DANC 2602 or permission of instructor.

**Description:** Building upon DANC 2602 Dance Composition, this course is an investigation of dance composition and the choreographic process. Students will learn and execute the fundamentals of dance choreography.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Theatre

**DANC 3703 Competition Dance - Through an Ethnographic Lens**

**Description:** This upper-level course provides students the opportunity to learn, broadly, about dance as an expression of culture and, specifically, about the phenomenon of commercial competition dance in the United States. Through readings, lectures, discussion, and active fieldwork, students will learn about and utilize Ethnography as a framework for research; apply critical lenses to analysis of research, and plan, administer, and report on active field research. From week to week, students will observe and analyze filmed competition dance classes, rehearsals, and performances through critical research lenses of economics, pedagogy, race/ethnicity, gender, and performance of sexuality. Students will also consider factors of child development as they relate to these lenses. Final work will be submitted as a written report and a verbal presentation developed in collaboration with a small group of peers.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Theatre

**TH 1301 BFA Acting Laboratory**

**Description:** The BFA Acting Laboratory is a course designed to give students the opportunity to explore concepts from their acting class in a laboratory environment. Using group problem-solving techniques, students will create weekly performances, critically respond to others performances and develop a sense of community within the BFA environment.

**Credit hours:** 1

**Contact hours:** Lecture: 1 Contact: 1

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Theatre

**TH 1310 BFA Movement Laboratory 1**

**Description:** The BFA Movement Laboratory is a course designed to give students the opportunity to explore concepts from their movement class in a laboratory environment. Students will be developing and strengthening their physical instrument (mind, body, voice) through rigorous physical investigation including yoga, tai chi, circuit training, circus, acrobatics, strength training, kinesthetic awareness and flexibility. Previously offered as TH 1311. Offered for variable credit, 1-4 credit hours, maximum of 4 credit hours.

**Credit hours:** 1-4

**Contact hours:** Lab: 2-8 Contact: 2-8

**Levels:** Undergraduate

**Schedule types:** Lab

**Department/School:** Theatre

**TH 1313 Vocal Technique**

**Description:** This course is a foundational class in singing and vocal technique. Students will learn the basics of singing in a group laboratory setting. From understanding the anatomy and elements of your instrument, to breath and proper breathing technique, to phrasing and placement, this is a step-by-step guide designed to enable all students to sing safely and strengthen their voice.

**Credit hours:** 3

**Contact hours:** Lecture: 2 Lab: 2 Contact: 4

**Levels:** Undergraduate

**Schedule types:** Lab, Lecture, Combined lecture and lab

**Department/School:** Theatre

**TH 1323 Acting I**

**Description:** An introduction to the craft of acting for performance: ensemble techniques, vocal and physical development for the actor, fundamental scene and character analysis, basic audition techniques, and scene performance workshops. No previous experience necessary. Previously offered as TH 1322.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Theatre

**TH 1330 BFA Movement Laboratory 2**

**Description:** The BFA Movement Laboratory 2 is a course designed to give students the opportunity to explore advanced concepts from their movement class in a laboratory environment working in ensemble. Students will be developing and strengthening their physical instrument (mind, body, voice) through rigorous physical investigation including partner yoga, adagio, advanced circus, advanced acrobatics, dramatic acrobatics, long form tai chi and mask work. Offered for fixed credit, 1 credit hour, maximum of 4 credit hours.

**Credit hours:** 1

**Contact hours:** Lab: 4 Contact: 4

**Levels:** Undergraduate

**Schedule types:** Lab

**Department/School:** Theatre

**TH 1333 Voice and Movement**

**Description:** Techniques and exercises to build the actor's awareness and ability to use the vocal and physical instruments for performance, including alignment, breathing, movement patterns, anatomy, resonance and range, and articulation.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Theatre

**TH 1500 Run Crew Practicum**

**Description:** Practical application of run crew duties by participation in technical rehearsals and performances for a Theatre Department Production. Offered for fixed 1 credit hour, maximum of 6 credit hours.

**Credit hours:** 1

**Contact hours:** Contact: 1 Other: 1

**Levels:** Undergraduate

**Schedule types:** Independent Study

**Department/School:** Theatre

**TH 1663 Stage Technology**

**Description:** An introduction to technical concepts for theatrical productions in the performance and entertainment disciplines. Lectures provide preparatory principles, concepts, and theory; laboratory hours teach hands-on skills needed in the technical production environment including scenographic elements and fabrication. Course previously offered as TH 1664.

**Credit hours:** 3

**Contact hours:** Lecture: 2 Lab: 2 Contact: 4

**Levels:** Undergraduate

**Schedule types:** Lab, Lecture, Combined lecture and lab

**Department/School:** Theatre

**TH 1673 Costume Technology**

**Description:** An introduction to costume technology. Lectures provide background and theory; laboratory hours teach hands-on skills needed in a theatrical costume shop including sewing, patterning and alterations. Course previously offered as TH 1674.

**Credit hours:** 3

**Contact hours:** Lecture: 2 Lab: 2 Contact: 4

**Levels:** Undergraduate

**Schedule types:** Lab, Lecture, Combined lecture and lab

**Department/School:** Theatre

**TH 2213 Stage Speech and Diction**

**Prerequisites:** TH 1333 Voice and Movement.

**Description:** This course will focus on learning the "General American" or "Broadcast Standard" accent of English. Also the student will be able to read and write in the International Phonetic Alphabet. Lastly articulatory process will be sharpened for better communication skills, no matter what career in which speech is used.

**Credit hours:** 3

**Contact hours:** Lecture: 2 Lab: 2 Contact: 4

**Levels:** Undergraduate

**Schedule types:** Lab, Lecture, Combined lecture and lab

**Department/School:** Theatre

**TH 2320 Voice Lessons**

**Prerequisites:** Must be a BFA in Musical Theatre major or get instructor permission.

**Description:** This course is a one-on-one learning opportunity for individual students in the Musical Theatre BFA program. Building off the skills learned in Vocal Technique, students will continue to work on understanding, utilizing and strengthening their instruments while gaining experience and one-on-one attention through singing songs to improve their technique, repertoire and performance abilities. Offered for variable credit, 1-2 credit hours, maximum of 2 credit hours.

**Credit hours:** 1-2

**Contact hours:** Lecture: 1-2 Contact: 1-2

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Theatre

**TH 2323 Acting II**

**Prerequisites:** TH 1323.

**Description:** Continuation and refinement of TH 1323. Textual and character analysis, characterization and inner techniques based on Stanislavsky and Meisner systems. Audition techniques and scene work focusing on truthful behavior through work on modern and contemporary plays, including an introduction to comedy.

**Credit hours:** 3

**Contact hours:** Lecture: 2 Lab: 2 Contact: 4

**Levels:** Undergraduate

**Schedule types:** Lab, Lecture, Combined lecture and lab

**Department/School:** Theatre

**TH 2343 Acting for Musical Theatre**

**Prerequisites:** TH 1323 Acting 1 or Instructor Approval.

**Description:** The goal of this course is to teach students the fundamentals of acting while performing songs in the style of musical theatre. This is an advanced course where students combine their skills in acting and singing to learn how to excel in the skills needed to be successful in the world of musical theatre. Students will listen to and perform songs of various eras in musical theatre to strengthen their overall skill and breed a familiarity with with different types of musical theatre styles.

**Credit hours:** 3

**Contact hours:** Lecture: 2 Lab: 2 Contact: 4

**Levels:** Undergraduate

**Schedule types:** Lab, Lecture, Combined lecture and lab

**Department/School:** Theatre

**TH 2413 Introduction to Staged Entertainment (H)**

**Description:** Explores storytelling through performance and how staged and filmed performances create and convey meaning in western society. Attendance of productions and study of acting, directing, entertainment technology, dramatic structure, and artistic movements. For non-majors; no prior theatre experience necessary.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Theatre

**General Education and other Course Attributes:** Humanities

**TH 2500 Production Crew Practicum**

**Description:** Laboratory experience in the theatrical production process through participation on a production crew for a department production or semester. Course previously offered as TH 1501. Offered for variable credit, 1-2 credit hours, maximum of 8 credit hours.

**Credit hours:** 1-2

**Contact hours:** Contact: 1-2 Other: 1-2

**Levels:** Undergraduate

**Schedule types:** Independent Study

**Department/School:** Theatre

**TH 2553 Introduction to Stage Design**

**Prerequisites:** TH 1663 and TH 1673 or consent of instructor.

**Description:** An integrated approach of the theory and practice of designing for theatre and studio. Over the course of the semester, students will explore the world of Costume Design, Scenic Design and Lighting Design culminating in a theoretical design for a production.

**Credit hours:** 3

**Contact hours:** Lecture: 2 Lab: 2 Contact: 4

**Levels:** Undergraduate

**Schedule types:** Lab, Lecture, Combined lecture and lab

**Department/School:** Theatre

**TH 2563 Script Analysis**

**Description:** The study of writing for performance from the point of view of entertainment professionals, including directors, designers, performers and technicians. Course focuses on the techniques necessary for the translation of the written text into production.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Theatre

**TH 2633 Movement for the Actor**

**Prerequisites:** TH 1333 Voice and Movement.

**Description:** This is an introductory course to the physical aspects of role creation. It introduces the student to several methodologies used in analyzing and altering physical performance in theatre and film. The students will be evaluated on the application of theories discussed and demonstrated in class.

**Credit hours:** 3

**Contact hours:** Lecture: 2 Lab: 2 Contact: 4

**Levels:** Undergraduate

**Schedule types:** Lab, Lecture, Combined lecture and lab

**Department/School:** Theatre

**TH 2833 Transition to Professions in Design and Technology**

**Prerequisites:** TH 1663 and TH 1673; and TH 1500 or TH 2500.

**Description:** Preparation for transition into the professional world for theatre designers and technicians. Includes career development, national/international theatre organizations, portfolio preparation, websites, resume/application writing and interviewing. Course previously offered as TH 3533.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Theatre

**TH 2971 Stage Makeup**

**Description:** Techniques of basic stage makeup. Application of makeup including a study of facial anatomy and character development.

Laboratory work in preparation for departmental productions. Course previously offered as TH 3971.

**Credit hours:** 1

**Contact hours:** Lab: 2 Contact: 2

**Levels:** Undergraduate

**Schedule types:** Lab

**Department/School:** Theatre

**TH 3183 Scene Design for Theatre**

**Prerequisites:** TH 2553 and TH 2563 or consent of instructor.

**Description:** The Scenic Designer's approach for designing scenery for the stage and studio. Over the course of the semester students will explore how to analyze the script from the scenic designer's lens, create sketches, build 3D models, as well as create working drawings and color renderings. Course previously offered as TH 4183.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Theatre

**TH 3320 BFA Voice Lessons II**

**Prerequisites:** TH 2320.

**Description:** This course is a continuation of the private vocal instruction for students in the Musical Theatre BFA program. Building off the skills learned in Voice Lessons I, students will continue to work on understanding, utilizing, and strengthening their vocal instrument while gaining experience and one on one attention through singing songs to improve their vocal technique, repertoire, and performance abilities. Offered for variable credit, 1-2 credit hours, maximum of 2 credit hours.

**Credit hours:** 1-2

**Contact hours:** Lecture: 1-2 Contact: 1-2

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Theatre

**TH 3323 Sound Design and Technology**

**Prerequisites:** TH 2553, TH 2563 or consent of instructor.

**Description:** Use and design of sound in theatrical productions, including voice reinforcement, scoring, script analysis, and effects. Course previously offered as TH 4223.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Theatre

**TH 3373 Acting III**

**Prerequisites:** TH 1323 and TH 2323 or consent of instructor.

**Description:** Exploration of vocal and physical techniques necessary for the performance of classical verse plays through the works of Shakespeare and others. Course previously offered as TH 4143.

**Credit hours:** 3

**Contact hours:** Lecture: 2 Lab: 2 Contact: 4

**Levels:** Undergraduate

**Schedule types:** Lab, Lecture, Combined lecture and lab

**Department/School:** Theatre

**TH 3400 Upper-Division Projects**

**Prerequisites:** Consent of instructor.

**Description:** Individual or group study of techniques, history, or literature of the theatre. Required project or term paper. May not be used for degree credit with TH 5400. Offered for variable credit, 1-3 credit hours, maximum of 6 credit hours.

**Credit hours:** 1-3

**Contact hours:** Contact: 1-3 Other: 1-3

**Levels:** Undergraduate

**Schedule types:** Independent Study

**Department/School:** Theatre

**TH 3433 Acting for the Camera**

**Prerequisites:** TH 1323 and TH 2323 or consent of instructor.

**Description:** An introduction to acting with electronic media technology. Through a series of exercises and scenes students will become familiar with the similarities and differences of acting on stage and with technology.

**Credit hours:** 3

**Contact hours:** Lecture: 2 Lab: 2 Contact: 4

**Levels:** Undergraduate

**Schedule types:** Lab, Lecture, Combined lecture and lab

**Department/School:** Theatre

**TH 3500 Theatre Practicum II**

**Prerequisites:** Consent of instructor.

**Description:** Advanced laboratory experience in theatre production, design, acting, and/or major crew assignments. Offered for variable credit, 1-2 credit hours, maximum of 9 credit hours.

**Credit hours:** 1-3

**Contact hours:** Contact: 1-3 Other: 1-3

**Levels:** Undergraduate

**Schedule types:** Independent Study

**Department/School:** Theatre



**TH 3503 Digital Branding for the Performer**

**Description:** This course surveys the development of radio, television, cable/satellite, and digital media, including the Internet and how it affects the modern actor. We will focus on how technology and industrial control of the electronic media shape an actor's content. The purpose of this course is to provide you with a solid understanding of how the electronic media function in modern life in terms of the social, political, and cultural impact for the actor. Students will be utilizing film, editing software, social media, website design to create content and audition reels.

**Credit hours:** 3

**Contact hours:** Lecture: 2 Lab: 2 Contact: 4

**Levels:** Undergraduate

**Schedule types:** Lab, Lecture, Combined lecture and lab

**Department/School:** Theatre

**TH 3530 Topics in Performance**

**Prerequisites:** Consent of instructor.

**Description:** Specialized topics in acting or directing. Offered for variable credit, 1-3 credit hours, maximum of 9 credit hours.

**Credit hours:** 1-3

**Contact hours:** Lecture: 1-3 Contact: 1-3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Theatre

**TH 3593 Lighting for Theatre**

**Prerequisites:** TH 2553 and TH 2563 or consent of instructor.

**Description:** Stage lighting design, elementary electricity, mechanics of lighting instruments. Practical experience in lighting in preparing and running departmental productions. Course previously offered as TH 4593.

**Credit hours:** 3

**Contact hours:** Lecture: 2 Lab: 2 Contact: 4

**Levels:** Undergraduate

**Schedule types:** Lab, Lecture, Combined lecture and lab

**Department/School:** Theatre

**TH 3633 Diverse American Drama (DH)**

**Description:** Survey of dramatic literature and theatre created by diverse dramatists and theatre companies in the United States. Course focus may either be a broad investigation of drama across many different identity groups or an in-depth exploration of the theatrical activity of one group of people.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Theatre

**General Education and other Course Attributes:** Diversity, Humanities

**TH 3843 Musical Scene Study**

**Prerequisites:** TH 1323 Acting 1 or Instructor Approval.

**Description:** This course will study the fundamentals of acting in musical theatre, specifically as they are applied to performing musical scenes. Students will begin with a broad acting and musical theatre review. Then, students will apply those concepts to the world of musical scenes and test their skills through various performances.

**Credit hours:** 3

**Contact hours:** Lecture: 2 Lab: 2 Contact: 4

**Levels:** Undergraduate

**Schedule types:** Lab, Lecture, Combined lecture and lab

**Department/School:** Theatre

**TH 3853 Auditions and the Professional Actor/Director**

**Prerequisites:** TH 1323 and TH 2323.

**Description:** A professional acting studio focusing on the business of show business for actors and directors. Networking and career building strategies will be explored and the building of an actor's repertoire of audition material developed. The course will introduce students to writing resumes, selecting headshots, understanding unions, agents, managers, etc. Course previously offered as TH 4853.

**Credit hours:** 3

**Contact hours:** Lecture: 2 Lab: 2 Contact: 4

**Levels:** Undergraduate

**Schedule types:** Lab, Lecture, Combined lecture and lab

**Department/School:** Theatre

**TH 3863 Auditioning in Musical Theatre**

**Prerequisites:** TH 1323 Acting 1 or Instructor Approval.

**Description:** The goal of this course is to teach students the skills and aspects of professional musical theatre auditions. Students in this course will learn the elements of auditioning in musical theatre and how to build a complete audition book. They will be given guidance and feedback about cover letters, resumes and headshots and basic information about the professional world. Finally, students will test out their skills with multiple mock audition opportunities.

**Credit hours:** 3

**Contact hours:** Lecture: 2 Lab: 2 Contact: 4

**Levels:** Undergraduate

**Schedule types:** Lab, Lecture, Combined lecture and lab

**Department/School:** Theatre

**TH 3873 History of Musical Theatre**

**Description:** Musical Theatre History is a survey course of the American musical theatre tradition, exploring representative shows, creators, and performers that trace the evolution of this unique American art form from its origins to contemporary Broadway and pop culture.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Theatre

**TH 3923 World Theatre History Before 1800 (H)**

**Description:** Aesthetic and social relationships of the dramatic arts and world cultures from Ancient Greece to the 19th century. Course previously offered as TH 3023.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Theatre

**General Education and other Course Attributes:** Humanities

**TH 3933 World Theatre History After 1800 (H)**

**Description:** Aesthetic and social relationships of the dramatic arts and world cultures from the 19th century to the present. Course previously offered as TH 3123. May be taken prior to TH 3923.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Theatre

**General Education and other Course Attributes:** Humanities



**TH 3953 Costume Design**

**Prerequisites:** TH 2553, TH 2563 or consent of instructor.

**Description:** Approaches to basic costume design including research, conceptual analysis, figure drawing, and executions of sketches and renderings. Previously offered as TH 4973.

**Credit hours:** 3

**Contact hours:** Lecture: 2 Lab: 2 Contact: 4

**Levels:** Undergraduate

**Schedule types:** Lab, Lecture, Combined lecture and lab

**Department/School:** Theatre

**TH 4303 Ensemble Theatre**

**Description:** Ensemble Theatre is an alternative approach to creating that emphasizes collaborative ensemble-based writing, community research and outreach, and social and political awareness. Utilizing improvisational techniques, community-oriented research skills and non-textual performance practices, students will explore and create theatre based on their communities, interests and concerns.

**Credit hours:** 3

**Contact hours:** Lecture: 2 Lab: 2 Contact: 4

**Levels:** Undergraduate

**Schedule types:** Lab, Lecture, Combined lecture and lab

**Department/School:** Theatre

**TH 4320 BFA Voice Lessons III**

**Prerequisites:** TH 3320.

**Description:** This course is a continuation of private vocal instruction for students nearing completion of the Musical Theatre BFA degree. Building on the skills learned in BFA Voice Lessons II, students will explore advanced techniques of color and style within the musical theatre genre, continuing to develop their vocal instrument and performance skills. Offered for variable credit, 1-2 credit hours, maximum of 2 credit hours.

**Credit hours:** 1-2

**Contact hours:** Lecture: 1-2 Contact: 1-2

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Theatre

**TH 4382 Action Acting**

**Prerequisites:** TH 1333 and TH 1323 or Instructor Approval.

**Description:** This course introduces the student to stage violence. Emphasis is placed on safe and dramatically effective performance of violent scenes, to include slapstick and physical comedy. Stage/screen fencing, unarmed combat, basic tumbling, physical comedy, and theatrical firearms are covered within the context of scene work. May not be used for degree credit with TH 5383. Previously offered as TH 4383.

**Credit hours:** 2

**Contact hours:** Lab: 4 Contact: 4

**Levels:** Undergraduate

**Schedule types:** Lab

**Department/School:** Theatre

**TH 4403 Senior Honors Project**

**Prerequisites:** Departmental invitation, senior standing, Honors Program participation.

**Description:** A guided reading and research program ending with an honors thesis or performance under the direction of a faculty member, with second faculty committee member. Required for graduation with departmental honors in theatre.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Theatre

**TH 4630 Topics in Design and Technology**

**Prerequisites:** TH 1663, 1673 and 2553 or consent of instructor.

**Description:** Specialized topics in scenic, costume, sound, or lighting design or technology. Course previously offered as TH 3630. Offered for variable credit, 1-3 credit hours, maximum of 9 credit hours.

**Credit hours:** 1-3

**Contact hours:** Lecture: 1-3 Contact: 1-3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Theatre

**TH 4653 Advanced Stage Technology**

**Prerequisites:** TH 1663.

**Description:** Advanced study in theatrical production techniques, including metalworking, special fabrications, rigging, and advanced carpentry.

**Credit hours:** 3

**Contact hours:** Lecture: 2 Lab: 2 Contact: 4

**Levels:** Undergraduate

**Schedule types:** Lab, Lecture, Combined lecture and lab

**Department/School:** Theatre

**TH 4673 Advanced Costume Construction**

**Prerequisites:** TH 1673.

**Description:** Advanced construction of techniques for theatrical costumes. Includes period garments, pattern drafting, fabric manipulation, and boning. May not be used for degree credit with TH 5673.

**Credit hours:** 3

**Contact hours:** Lecture: 2 Lab: 2 Contact: 4

**Levels:** Undergraduate

**Schedule types:** Lab, Lecture, Combined lecture and lab

**Department/School:** Theatre

**TH 4753 Stage Management**

**Prerequisites:** Consent of instructor.

**Description:** Procedures and skills of effective stage management. Authoritative coordination of performers and technicians during rehearsal and performance periods. Maintenance and use of the production prompt book, notation of ground plan and blocking; scene shifts; cues for lighting, sound, special effects, and performers; opening and calling the show; post-show wrap-up. May not be used for degree credit with TH 5753.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Theatre

**TH 4953 Directing**

**Prerequisites:** TH 1323 and TH 2563 and TH 4753 or consent of instructor.

**Description:** Script analysis for production, problems in staging, and the role of the director. Planning and direction of scenes in laboratory situations. May not be used for degree credit with TH 5953.

**Credit hours:** 3

**Contact hours:** Lecture: 2 Lab: 2 Contact: 4

**Levels:** Undergraduate

**Schedule types:** Lab, Lecture, Combined lecture and lab

**Department/School:** Theatre

**TH 4983 Painting Techniques for Theatre**

**Description:** This course is an introductory studio course which explores the various techniques and processes used in theatrical scene painting. Through research and practical experience students will acquire the skills necessary to implement theatrical paint techniques per designer specifications. Tools, materials and painting techniques will be demonstrated by the instructor then developed and executed by the student.

**Credit hours:** 3

**Contact hours:** Lab: 6 Contact: 6

**Levels:** Undergraduate

**Schedule types:** Lab

**Department/School:** Theatre

**TH 4990 BFA Jury**

**Description:** BFA Jury provides the student with an introduction to the Business of Acting. Offered for fixed credit, 1 credit hour, maximum of 2 credit hours.

**Credit hours:** 1

**Contact hours:** Lecture: 1 Contact: 1

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Theatre

**TH 5000 Master's Thesis and Research**

**Prerequisites:** Consent of department head.

**Description:** Master's level research in theatre for thesis option graduate students. Offered for variable credit, 1-6 credit hours, maximum of 6 credit hours.

**Credit hours:** 1-6

**Contact hours:** Contact: 1-6 Other: 1-6

**Levels:** Graduate

**Schedule types:** Independent Study

**Department/School:** Theatre

**TH 5100 Master's Creative Component and Research**

**Description:** Master's level research in theatre for creative component option graduate students. Offered for variable credit, 1-3 credit hours, maximum of 3 credit hours.

**Credit hours:** 1-3

**Contact hours:** Lecture: 1-3 Contact: 1-3

**Levels:** Graduate

**Schedule types:** Lecture

**Department/School:** Theatre

**TH 5113 Theatre History and Theory I**

**Description:** Global study of theatre and performance across cultures and multiple theories used to interpret and construct world theatre history, from ancient times to the nineteenth century.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Graduate

**Schedule types:** Lecture

**Department/School:** Theatre

**TH 5240 Topics in Advanced Acting**

**Description:** Specialized topics in advanced acting. Offered for variable credit, 1-3 credit hours, maximum of 6 credit hours.

**Credit hours:** 1-3

**Contact hours:** Lecture: 1-2 Lab: 0-2 Contact: 1-4

**Levels:** Graduate

**Schedule types:** Lab, Lecture, Combined lecture and lab

**Department/School:** Theatre

**TH 5313 Dramaturgy**

**Description:** Advanced investigation of the nature and process of dramaturgy. Emphasis on dramaturgical research and writing. No credit for students with credit in TH 3213.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Graduate

**Schedule types:** Lecture

**Department/School:** Theatre

**TH 5383 Action Acting**

**Description:** This course introduces the student to stage violence. Emphasis is placed on safe and dramatically effective performance of violent scenes, to include slapstick and physical comedy. Stage/screen fencing, unarmed combat, basic tumbling, physical comedy, and theatrical firearms are covered within the context of scene work. May not be used for degree credit with TH 4383.

**Credit hours:** 3

**Contact hours:** Lecture: 2 Lab: 2 Contact: 4

**Levels:** Graduate

**Schedule types:** Lab, Lecture, Combined lecture and lab

**Department/School:** Theatre

**TH 5400 Seminar in Theatre**

**Description:** Individual or group studies of techniques, history or literature of the theatre. A term paper or written report and self-evaluation of the study or project required. Cannot receive credit for both TH 3400 and TH 5400. Offered for variable credit, 1-9 credit hours, maximum of 9 credit hours.

**Credit hours:** 1-9

**Contact hours:** Contact: 1-9 Other: 1-9

**Levels:** Graduate

**Schedule types:** Independent Study

**Department/School:** Theatre

**TH 5500 Individual Theatre Projects****Prerequisites:** Consent of instructor.**Description:** Individual projects in directing, acting, or design and technology for a specified theatre production, with concept, realization, and self-evaluation under faculty guidance. Course previously offered as TH 5090. Offered for variable credit, 1-9 credit hours, maximum of 9 credit hours.**Credit hours:** 1-9**Contact hours:** Contact: 1-9 Other: 1-9**Levels:** Graduate**Schedule types:** Independent Study**Department/School:** Theatre**TH 5513 Theatre History and Theory II****Description:** Global study of theatre and performance across cultures and multiple theories used to interpret and construct world theatre history, from the nineteenth century to the present.**Credit hours:** 3**Contact hours:** Lecture: 3 Contact: 3**Levels:** Graduate**Schedule types:** Lecture**Department/School:** Theatre**TH 5600 Seminar in Dramatic Literature****Prerequisites:** Consent of instructor.**Description:** Selected topics in dramatic literature. Texts and themes will vary by semester. Offered for fixed credit, 3 credit hours.**Credit hours:** 3**Contact hours:** Lecture: 3 Contact: 3**Levels:** Graduate**Schedule types:** Lecture**Department/School:** Theatre**TH 5673 Advanced Costume Construction****Description:** Advanced construction of techniques for theatrical costumes. Includes period garments, pattern drafting, fabric manipulation, and boning. May not be used for degree credit with TH 4673.**Credit hours:** 3**Contact hours:** Lecture: 2 Lab: 2 Contact: 4**Levels:** Graduate**Schedule types:** Lab, Lecture, Combined lecture and lab**Department/School:** Theatre**TH 5753 Stage Management****Description:** Procedures and skills of effective stage management. Authoritative coordination of performers and technicians during rehearsal and performance periods. Maintenance and use of the production prompt book, notation of ground plan and blocking; scene shifts; cues for lighting, sound, special effects, and performers; opening and calling the show; post-show wrap-up. May not be used for degree credit with TH 4753.**Credit hours:** 3**Contact hours:** Lecture: 3 Contact: 3**Levels:** Graduate**Schedule types:** Lecture**Department/School:** Theatre**TH 5953 Problems in Advanced Directing****Description:** Problems in directing styles, especially Shakespeare, comedy, and absurdist drama. Preparation, rehearsal and staging of a complete production by each student. May not be used for degree credit with TH 4953.**Credit hours:** 3**Contact hours:** Lecture: 3 Contact: 3**Levels:** Graduate**Schedule types:** Lecture**Department/School:** Theatre

## Undergraduate Programs

- Acting, BFA (p. 1845)
- Arts Administration, BA (p. 1848)
- Musical Theatre, BFA (p. 1852)
- Theatre, BA (p. 1855)

## Graduate Programs

The department offers coursework leading to the Master of Arts degree in Theatre. The Master of Arts degree in Theatre is an initial graduate degree designed to build on students' individual theatre skills and to deepen a student's theoretical and practical understanding of the art form. Accepting only a limited number of students each year, the program affords a great deal of individual contact with faculty members and considerable latitude in developing the plan of study.

Graduate candidates take a central core of graduate level courses in theatre history, theory, and directing, augmented by other courses available in the department and the university to develop and support their areas of special interest. Typically students accepted into this degree program pursue careers in professional theatre, become teachers in secondary schools or two-year colleges, or they prepare for the pursuit of advanced degree work in a Master of Fine Arts or Doctoral program.

The Master of Arts degree may be achieved in accordance with any of the three plans described in the section "Master's Degree Programs" in the "Graduate College (p. 2766)" section of the *Catalog*.

A limited number of graduate teaching assistantships (GTA's) are available to highly qualified students. Information and application information may be obtained from the department head.

Undergraduate credentials should be referred to the department graduate program coordinator for evaluation to assist advisement and to determine any possible deficiencies that will affect the admission status.

## Minors

- Arts Administration (AADM), Minor (p. 1847)
- Dance (DANC), Minor (p. 1851)
- Theatre (TH), Minor (p. 1854)

## Faculty

David Kersnar, MFA—Professor and Head

**Professors:** Andrew Kimbrough, PhD; Lloyd Caldwell, MFA**Associate Professors:** Lee Brasuell, MFA**Assistant Professors:** Renee Garcia, MFA; Eric Barker, MFA; Jennifer Lamb, MFA; Devon Hunt, MFA**Instructor of Professional Practice:** Leslie Currell, MFA; Emma Draves, MFA

## Acting, BFA

**Requirements for Students Matriculating in or before Academic Year 2022-2023.** Learn more about University Academic Regulation 3.1 (p. 943).

**Minimum Overall Grade Point Average: 2.50**

**Total Hours: 120**

Code	Title	Hours
<b>General Education Requirements</b>		
<i>English Composition</i>		
See Academic Regulation 3.5 (p. 944)		
ENGL 1113	Composition I	3
or ENGL 1313	Critical Analysis and Writing I	
ENGL 1213	Composition II	3
or ENGL 1413	Critical Analysis and Writing II	
or ENGL 3323	Technical Writing	
<i>American History &amp; Government</i>		
HIST 1103	Survey of American History	3
or HIST 1483	American History to 1865 (H)	
or HIST 1493	American History Since 1865 (DH)	
POLS 1113	American Government	3
<i>Analytical &amp; Quantitative Thought (A)</i>		
3 hours MATH or STAT designated (A)		
<i>Humanities (H)</i>		
ENGL 4723	Studies in Shakespeare (H)	3
3 additional hours designated (H) (not TH, DANC, or AADM)		
<i>Natural Sciences (N)</i>		
Must include one Laboratory Science (L) course		
Courses designated (N)		
6		
<i>Social &amp; Behavioral Sciences (S)</i>		
Course designated (S)		
3		
<i>Additional General Education</i>		
Courses designated (A), (H), (N), or (S)		
10		
<b>Hours Subtotal</b>		<b>40</b>
<b>Diversity (D) &amp; International Dimension (I)</b>		
May be completed in any part of the degree plan		
Select at least one Diversity (D) course		
Select at least one International Dimension (I) course		
<b>College/Departmental Requirements</b>		
First Year Seminar		
(Transfer students with 15 hours exempt)		
1		
<i>Arts &amp; Humanities</i>		
TH 3923	World Theatre History Before 1800 (H)	3
TH 3933	World Theatre History After 1800 (H)	3
3 additional hours, not TH, DANC, AADM. See note 2.a.		
3		
<i>Foreign Language</i>		
0-6 hours. See note 3.		
<i>Non-Western Studies</i>		
At least one course. See note 2.d.		
<i>Upper-Division General Education</i>		
Select 6 hours outside major department. See note 2.c.		

<b>Hours Subtotal</b>		<b>10</b>
<b>Major Requirements</b>		
Minimum GPA 3.00 in major block, with no grade below "C."		
TH 1301	BFA Acting Laboratory	1
TH 1310	BFA Movement Laboratory 1	1
TH 1323	Acting I	3
TH 1330	BFA Movement Laboratory 2	1
TH 1333	Voice and Movement	3
TH 1663	Stage Technology	3
TH 1673	Costume Technology	3
TH 2213	Stage Speech and Diction	3
TH 2323	Acting II	3
TH 2563	Script Analysis	3
TH 2633	Movement for the Actor	3
TH 2971	Stage Makeup	1
TH 3373	Acting III	3
Theatre Practica. Select 6 hours from:		
TH 1500	Run Crew Practicum (minimum 1 hour)	
TH 2500	Production Crew Practicum	
TH 3500	Theatre Practicum II (minimum 1 hour)	
TH 3400	Upper-Division Projects	3
TH 3433	Acting for the Camera	3
TH 3530	Topics in Performance	3
TH 3503	Digital Branding for the Performer	3
TH 3853	Auditions and the Professional Actor/Director	3
TH 4303	Ensemble Theatre	3
TH 4382	Action Acting	2
TH 4990	BFA Jury	2
AADM 4123	Entrepreneurship and the Arts	3
2 hours DANC from:		
DANC 2002	Ballet I	
DANC 2102	Contemporary Modern Dance I	
DANC 2202	Jazz Dance	
DANC 2302	Tap	
DANC 2602	Dance Composition	
DANC 3002	Ballet II	
DANC 3102	Contemporary Modern Dance II	
DANC 3502	Musical Theatre Dance	
<b>Hours Subtotal</b>		<b>64</b>
<b>Electives</b>		
Select 6 hours.		
6		
May need to include 6 hours upper-division general education outside major department. See note 2.c.		
May need to include 6 hours of a foreign language. See note 3.b.		
<b>Hours Subtotal</b>		<b>6</b>
<b>Total Hours</b>		<b>120</b>

All Acting majors must successfully complete an entrance audition to enter the program. An annual performance jury will determine continued participation in the Bachelor of Fine Arts program.

## College of Arts and Sciences Requirements

### 1. General Education Requirements

No more than two courses (or eight hours) from the major department (<http://catalog.okstate.edu/college-arts-sciences-major-departments/>) may be used to meet General Education and College and Departmental Requirements. The General Education required English Composition, required U.S. History, required American Government, one required MATH or STAT course, and required foreign language for B.A. degrees do not count against the two-course maximum.

### 2. A&S College/Departmental Requirements

- Arts and Humanities are defined as any course carrying an (H) designation or courses from AMST, ART, DANC, ENGL (except ENGL 3323 Technical Writing) HIST, MUSI, PHIL (except PHIL 1313 Logic and Critical Thinking (A), PHIL 3003 Symbolic Logic (A) and PHIL 4003 Mathematical Logic and Computability), REL, TH, and foreign languages.
- Natural and Mathematical Sciences are defined as any course from the following prefixes: ASTR, BIOC, BIOL, CHEM, CS (except CS 4883 Social Issues in Computing), GEOL, MATH, MICR, PBIO, PHYS, and STAT; or courses from other departments that carry an (A) or (N) general education designation.
- The required six hours of upper-division General Education may not include courses from the student's major department. This requirement may be satisfied by courses also used to satisfy any part of a student's degree program (i.e., in General Education, College Departmental Requirements, Major Requirements or Electives).
- Non-Western Studies Requirement for B.A. and B.F.A.; One 3-hour course in Non-Western Studies (N.W.). This requirement may be satisfied by courses also used to satisfy any part of a student's degree program (i.e., in General Education, College Departmental Requirements, Major Requirements or Electives).
- The College of Arts & Sciences requires a minimum 2.0 GPA in all major requirements and a minimum 2.0 GPA in all major-prefix courses applied to the degree.

### 3. Foreign Language Proficiency

- The foreign language requirement for the B.A. may be satisfied by 9 hours college credit in the same language, which must include 3 hours at the 2000-level, or equivalent proficiency (e.g., passing an advanced standing examination; TOEFL exam; presenting a high school transcript which demonstrates the high school was primarily conducted in a language other than English; etc.). Computer Science courses may not be used to satisfy this requirement. Currently Arabic and Mvskoke are not offered at the 2000-level at OSU.
- The foreign language requirement for the B.S., B.M. and B.F.A. may be satisfied by presenting a high school transcript which demonstrates two years of study of a single foreign language (passing grades at second-year level of study). It may also be satisfied by 6 hours college credit in the same language, which must include language courses 1713 and 1813, or equivalent proficiency (e.g., passing an advanced standing examination; TOEFL exam; presenting a high school transcript which demonstrates the high school was primarily conducted in a language other than English; etc.). Computer Science courses may not be used to satisfy this requirement.

- In addition to a. and b., students pursuing teacher certification must meet novice-high foreign language proficiency by presenting a high school transcript which demonstrates two years of study of a single foreign language with no grade below B. Or, students may complete 3 hours college credit in a single language with no grade below C (or pass an advanced standing examination, College Level Examination Program (CLEP) exam, or Oral Proficiency Interview developed by the American Council on the Teaching of Foreign Languages, equivalent to 3 hours of college credit.) Or, students may meet the requirement by transfer of documentation of meeting the foreign language competency from one of the teacher education programs in the State of Oklahoma approved by the Oklahoma State Regents for Higher Education.

### 4. Exclusions

- Courses used to satisfy the General Education English Composition, U.S. History, American Government, and Mathematics or Statistics requirements will not count toward the 54-hour maximum allowed from one department.
- Courses with ATHL or LEIS prefixes and leisure activity courses may not be used for degree credit.

## Other Requirements

- See the College of Arts and Sciences Requirements.
- Upper-Division Credit:** Total hours must include at least 40 hours in courses numbered 3000 or above.
- Hours in One Department:** For B.A. and B.S. degrees, no more than 54 hours in one department may be applied to degree requirements.

## Additional State/OSU Requirements

- At least: 60 hours at a four-year institution; 30 hours completed at OSU; 15 of the final 30 or 50% of the upper-division hours in the major field completed at OSU.
- Limit of: one-half of major course requirements as transfer work; one-fourth of hours earned by correspondence; 8 transfer correspondence hours.
- Students will be held responsible for degree requirements in effect at the time of matriculation and any changes that are made, so long as these changes do not result in semester credit hours being added or do not delay graduation.
- Degrees that follow this plan must be completed by the end of Summer 2028.

## Arts Administration (AADM), Minor

**Requirements for Students Matriculating in or before Academic Year 2022-2023.** Learn more about University Academic Regulation 3.1 (p. 943).

Clarissa Bonner 209 MOR, 405-744-6146

**Minimum Grade Point Average in Minor Coursework:** 2.50 with no grade below "C."

**Total Hours:** 17

Code	Title	Hours
<b>Minor Requirements</b>		
AADM 1203	Introduction to Arts Administration	3
AADM 2103	Fundraising for the Arts	3
AADM 2500	Practicum in Arts Administration	2
AADM 3203	Approaches in Arts Administration	3
Select six hours from:		6
AADM 4203	Senior Project in Arts Administration	
ART 3583	Introduction to Museum and Curatorial Studies (H)	
DANC 1003	Introduction to Dance Studies (H)	
MGMT 3013	Fundamentals of Management (S)	
MUSI 1623	Introduction to Music Business	
TH 2413	Introduction to Staged Entertainment (H)	
<b>Total Hours</b>		<b>17</b>

## Additional OSU Requirements

### Undergraduate Minors

- An undergraduate minor must include between fifteen and thirty hours, inclusive of undergraduate coursework.
- A minimum of six credit hours for the minor must be earned in residence at OSU.
- The courses required for a minor may be included in the course requirements for any undergraduate degree or they may be in addition to degree requirements, depending on the overlap between the minor and degree requirements. However, an undergraduate minor must be earned in an academic field other than the student's declared degree option. The minor may not duplicate the degree major or option (for example, a student who earns a BA in Art with an Art History option may earn a minor in Studio Art but not Art History).
- A student generally follows the minor requirements associated with his or her matriculation year or newer requirements that have been established since matriculation. The time limit for following requirements from a given academic year is six years.

For additional information on requirements on minors, click here (<https://adminfinance.okstate.edu/site-files/documents/policies/requirements-for-undergraduate-and-graduate-minors.pdf>).



# Arts Administration, BA

## Degree Requirements

**Requirements for Students Matriculating in or before Academic Year 2022-2023.** Learn more about University Academic Regulation 3.1 (p. 943).

**Minimum Overall Grade Point Average: 2.50**

**Total Hours: 120**

Code	Title	Hours
<b>General Education Requirements</b>		
<i>English Composition</i>		
See Academic Regulation 3.5 (p. 944)		
ENGL 1113	Composition I	3
or ENGL 1313	Critical Analysis and Writing I	
ENGL 1213	Composition II	3
or ENGL 1413	Critical Analysis and Writing II	
or ENGL 3323	Technical Writing	
<i>American History &amp; Government</i>		
HIST 1103	Survey of American History	3
or HIST 1483	American History to 1865 (H)	
or HIST 1493	American History Since 1865 (DH)	
POLS 1113	American Government	3
<i>Analytical &amp; Quantitative Thought (A)</i>		
MATH or STAT course designated (A)		3
<i>Humanities (H)</i>		
Courses designated (H)		6
<i>Natural Sciences (N)</i>		
Must include one Laboratory Science (L) course.		
Courses designated (N)		6
<i>Social &amp; Behavioral Sciences (S)</i>		
MGMT 3013	Fundamentals of Management (S)	3
MKTG 3213	Marketing (S)	3
<i>Additional General Education</i>		
Courses designated (A), (H), (N), or (S)		7
<b>Hours Subtotal</b>		<b>40</b>
<b>Diversity (D) &amp; International Dimension (I)</b>		
May be completed in any part of the degree plan.		
At least one Diversity (D) course		
At least one International Dimension (I) course		
<b>College/Departmental Requirements</b>		
<i>First Year Seminar</i>		
(Transfer students with 15 hours exempt)		1
<i>Arts &amp; Humanities</i>		
(See note 2.a.)		9
<i>Natural &amp; Mathematical Sciences</i>		
(See note 2.b.)		3
<i>Foreign Language</i>		
(See note 3.)		9
<i>Non-Western Studies</i>		
At least one course		
(See note 2.d.)		

### Upper-Division General Education

6 hours outside major department

(See note 2.c.)

**Hours Subtotal** **22**

### Major Requirements

Minimum grade of "C" in all major requirements.

#### Core Requirements

AADM 1203	Introduction to Arts Administration	3
AADM 2103	Fundraising for the Arts	3
AADM 2500	Practicum in Arts Administration (3 hours)	3
AADM 3203	Approaches in Arts Administration	3
AADM 4203	Senior Project in Arts Administration	3
or AADM 4403	Senior Honors Project in Arts Administration	
ACCT 2003	Survey of Accounting	3
ART 1203	Visual Thinking: Image and Surface	3
MC 2023	Electronic Communication	3
or ART 1303	Visual Thinking: Form and Space	

#### Emphasis Requirements

Choose one emphasis below: **18**

##### Generalist:

Select 9 hours (6 must be upper-division) from: AADM, ART, DANC, MUSI, TH or other courses approved by the program director.

Select 3 courses from the following options:

ART 1503	Art History Survey I (H)
or ART 1513	Art History Survey II (H)
DANC 1003	Introduction to Dance Studies (H)
MUSI 2573	Introduction to Music (H)
TH 2413	Introduction to Staged Entertainment (H)

##### Art History:

Select one course from:

ART 1503	Art History Survey I (H)
ART 1513	Art History Survey II (H)
ART 1603	Introduction to Global Art (H)

Select 15 hours from:

AADM 3500	Special Topics in Arts Administration
AADM 4123	Entrepreneurship and the Arts
ART 3583	Introduction to Museum and Curatorial Studies (H)
ART 3653	History of 19th Century Art (H)
ART 3663	History of American Art (DH)
ART 3683	History of 20th Century Art (HI)
ART 4603	History of Ancient Egyptian Art
ART 4723	History of Museums and Collecting
ART 4763	Native American Art and Material Culture
ART 4810	Museum Internship
or other Art History courses approved by the program director.	

##### Studio Art:

ART 1103	Drawing I
ART 1113	Drawing II

One additional course from:

ART 1603	Introduction to Global Art (H)
ART 1503	Art History Survey I (H)

ART 1513	Art History Survey II (H)
Select 9 hours (3 hours must be upper-division) from:	
AADM 3500	Special Topics in Arts Administration
AADM 4123	Entrepreneurship and the Arts
ART 2023	Non-Major Oil Painting I
or ART 2223	Oil Painting I
ART 2033	Non-Major Watercolor I
or ART 2233	Watercolor I
ART 2073	Non-Major Printmaking I
or ART 2273	Printmaking I
ART 2093	Non-Major Photography I
or ART 2293	Photography I
ART 2043	Non-Major Jewelry and Metals I
or ART 2243	Jewelry and Metals I
ART 2013	Non-Major Ceramics I
or ART 2253	Ceramics I
ART 2063	Non-Major Sculpture I
or ART 2263	Sculpture I
ART 3583	Introduction to Museum and Curatorial Studies (H)
ART 4810	Museum Internship
or additional studio art courses approved by the program director.	
<i>Dance:</i>	
DANC 1003	Introduction to Dance Studies (H)
Select additional 15 hours (6 must be upper-division) of AADM or DANC.	
<i>Theatre:</i>	
TH 2413	Introduction to Staged Entertainment (H)
3 hours from:	
TH 1500	Run Crew Practicum
TH 2500	Production Crew Practicum
Select 6 hours from:	
TH 1323	Acting I
TH 1663	Stage Technology
TH 1673	Costume Technology
TH 2563	Script Analysis
Select 6 additional hours (3 hours must be upper-division) AADM, TH or other courses approved by the program director.	
<b>Hours Subtotal</b>	<b>42</b>
<b>Electives</b>	
Select 16 hours	16
May need to include 6 hours upper-division general education outside major department (see note 2.c.).	
<b>Hours Subtotal</b>	<b>16</b>
<b>Total Hours</b>	<b>120</b>

## Other Requirements

- See the College of Arts and Sciences Requirements
- Minimum GPA 2.00 in all AADM and TH courses.
- **Upper-Division Credit:** Total hours must include at least 40 hours in courses numbered 3000 or above.

- **Hours in One Department:** For B.A. and B.S. degrees, no more than 54 hours in one department may be applied to degree requirements.

## College of Arts and Sciences Requirements

### 1. General Education Requirements

No more than two courses (or eight hours) from the major department (<http://catalog.okstate.edu/college-arts-sciences-major-departments/>) may be used to meet General Education and College and Departmental Requirements. The General Education required English Composition, required U.S. History, required American Government, one required MATH or STAT course, and required foreign language for B.A. degrees do not count against the two-course maximum.

### 2. A&S College/Departmental Requirements

- Arts and Humanities are defined as any course carrying an (H) designation or courses from AMST, ART, DANC, ENGL (except ENGL 3323 Technical Writing) HIST, MUSI, PHIL (except PHIL 1313 Logic and Critical Thinking (A), PHIL 3003 Symbolic Logic (A) and PHIL 4003 Mathematical Logic and Computability), REL, TH, and foreign languages.
- Natural and Mathematical Sciences are defined as any course from the following prefixes: ASTR, BIOC, BIOL, CHEM, CS (except CS 4883 Social Issues in Computing), GEOL, MATH, MICR, PBIO, PHYS, and STAT; or courses from other departments that carry an (A) or (N) general education designation.
- The required six hours of upper-division General Education may not include courses from the student's major department. This requirement may be satisfied by courses also used to satisfy any part of a student's degree program (i.e., in General Education, College Departmental Requirements, Major Requirements or Electives).
- Non-Western Studies Requirement for B.A. and B.F.A.; One 3-hour course in Non-Western Studies (N.W.). This requirement may be satisfied by courses also used to satisfy any part of a student's degree program (i.e., in General Education, College Departmental Requirements, Major Requirements or Electives).
- The College of Arts & Sciences requires a minimum 2.0 GPA in all major requirements and a minimum 2.0 GPA in all major-prefix courses applied to the degree.

### 3. Foreign Language Proficiency

- The foreign language requirement for the B.A. may be satisfied by 9 hours college credit in the same language, which must include 3 hours at the 2000-level, or equivalent proficiency (e.g., passing an advanced standing examination; TOEFL exam; presenting a high school transcript which demonstrates the high school was primarily conducted in a language other than English; etc.). Computer Science courses may not be used to satisfy this requirement. Currently Arabic and Mvskoke are not offered at the 2000-level at OSU.
- The foreign language requirement for the B.S., B.M. and B.F.A. may be satisfied by presenting a high school transcript which demonstrates two years of study of a single foreign language (passing grades at second-year level of study). It may also be satisfied by 6 hours college credit in the same language, which must include language courses 1713 and 1813, or equivalent proficiency (e.g., passing an advanced standing examination; TOEFL exam; presenting a high school transcript which demonstrates the high school was primarily conducted in

a language other than English; etc.). Computer Science courses may not be used to satisfy this requirement.

- c. In addition to a. and b., students pursuing teacher certification must meet novice-high foreign language proficiency by presenting a high school transcript which demonstrates two years of study of a single foreign language with no grade below B. Or, students may complete 3 hours college credit in a single language with no grade below C (or pass an advanced standing examination, College Level Examination Program (CLEP) exam, or Oral Proficiency Interview developed by the American Council on the Teaching of Foreign Languages, equivalent to 3 hours of college credit.) Or, students may meet the requirement by transfer of documentation of meeting the foreign language competency from one of the teacher education programs in the State of Oklahoma approved by the Oklahoma State Regents for Higher Education.

**4. Exclusions**

- a. Courses used to satisfy the General Education English Composition, U.S. History, American Government, and Mathematics or Statistics requirements will not count toward the 54-hour maximum allowed from one department.
- b. Courses with ATHL or LEIS prefixes and leisure activity courses may not be used for degree credit.

## Additional State/OSU Requirements

- At least: 60 hours at a four-year institution; 30 hours completed at OSU; 15 of the final 30 or 50% of the upper-division hours in the major field completed at OSU.
- Limit of: one-half of major course requirements as transfer work; one-fourth of hours earned by correspondence; 8 transfer correspondence hours.
- Students will be held responsible for degree requirements in effect at the time of matriculation and any changes that are made, so long as these changes do not result in semester credit hours being added or do not delay graduation.
- Degrees that follow this plan must be completed by the end of Summer 2028.

## Example Plan of Study

### Finish in Four Plan of Study

The plan below is an example of how students can successfully complete degree requirements in four years. This suggested class schedule plan may be used as a guide and can be adjusted based on individual needs. Students are required to meet with an academic adviser prior to enrollment each semester to plan their class schedule, and students are ultimately responsible for completing all degree requirements.

Course	Title	Hours
<b>Freshman</b>		
<b>Fall</b>		
MATH 1483	Mathematical Functions and Their Uses (A) (or higher (except 1493))	3
ART 1103	Drawing I	3
1713 First Semester Foreign Language		3
College and General Education courses		5
<b>Hours</b>		<b>14</b>
<b>Spring</b>		
AADM 2103	Fundraising for the Arts	3
AADM 2500	Practicum in Arts Administration	1

1813 Second Semester Foreign Language		3
General Education courses		9
<b>Hours</b>		<b>16</b>
<b>Sophomore</b>		
<b>Fall</b>		
AADM 1203	Introduction to Arts Administration	3
ACCT 2003	Survey of Accounting	3
ART 2423	Graphic Design I	3
2000-level Foreign Language		3
General Education courses		3
<b>Hours</b>		<b>15</b>
<b>Spring</b>		
AADM 2500	Practicum in Arts Administration	1
MC 2023 or ART 3423	Electronic Communication or Graphic Design II	3
College and Elective courses		11
<b>Hours</b>		<b>15</b>
<b>Junior</b>		
<b>Fall</b>		
AADM 3203	Approaches in Arts Administration	3
AADM 2500	Practicum in Arts Administration	1
MKTG 3213	Marketing (S)	3
Major, College, and Elective courses		8
<b>Hours</b>		<b>15</b>
<b>Spring</b>		
Major, College, and Elective courses		15
<b>Hours</b>		<b>15</b>
<b>Senior</b>		
<b>Fall</b>		
Major, College, and Elective courses		15
<b>Hours</b>		<b>15</b>
<b>Spring</b>		
AADM 4203	Senior Project in Arts Administration	3
Major, College, and Elective courses		12
<b>Hours</b>		<b>15</b>
<b>Total Hours</b>		<b>120</b>

## Dance (DANC), Minor

**Requirements for Students Matriculating in or before Academic Year 2022-2023.** Learn more about University Academic Regulation 3.1 (p. 943).

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**Total Hours:** 16

Code	Title	Hours
<b>Minor Requirements</b>		
DANC 1003	Introduction to Dance Studies (H)	3
DANC 2002	Ballet I	2
DANC 2102	Contemporary Modern Dance I	2
DANC 2202	Jazz Dance	2
DANC 2602	Dance Composition	2
Select 5 hours of the following:		5
DANC 1200	Dance Ensemble Practicum	
DANC 2302	Tap	
DANC 3002	Ballet II	
DANC 3102	Contemporary Modern Dance II	
DANC 3502	Musical Theatre Dance	
DANC 3603	Choreography	
<b>Total Hours</b>		<b>16</b>

## Other Requirements

- No grade below "C."

## Additional OSU Requirements

### Undergraduate Minors

- An undergraduate minor must include between fifteen and thirty hours, inclusive of undergraduate coursework.
- A minimum of six credit hours for the minor must be earned in residence at OSU.
- The courses required for a minor may be included in the course requirements for any undergraduate degree or they may be in addition to degree requirements, depending on the overlap between the minor and degree requirements. However, an undergraduate minor must be earned in an academic field other than the student's declared degree option. The minor may not duplicate the degree major or option (for example, a student who earns a BA in Art with an Art History option may earn a minor in Studio Art but not Art History).
- A student generally follows the minor requirements associated with his or her matriculation year or newer requirements that have been established since matriculation. The time limit for following requirements from a given academic year is six years.

For additional information on requirements on minors, click here (<https://adminfinance.okstate.edu/site-files/documents/policies/requirements-for-undergraduate-and-graduate-minors.pdf>).

## Musical Theatre, BFA

**Requirements for Students Matriculating in or before Academic Year 2022-2023.** Learn more about University Academic Regulation 3.1 (p. 943).

**Minimum Overall Grade Point Average: 2.50**

**Total Hours: 120**

Code	Title	Hours
<b>General Education Requirements</b>		
<i>English Composition</i>		
See Academic Regulation 3.5 (p. 944)		
ENGL 1113	Composition I	3
or ENGL 1313	Critical Analysis and Writing I	
ENGL 1213	Composition II	3
or ENGL 1413	Critical Analysis and Writing II	
or ENGL 3323	Technical Writing	
<i>American History &amp; Government</i>		
HIST 1103	Survey of American History	3
or HIST 1483	American History to 1865 (H)	
or HIST 1493	American History Since 1865 (DH)	
POLS 1113	American Government	3
<i>Analytical &amp; Quantitative Thought (A)</i>		
3 hours MATH or STAT designated (A)		
<i>Humanities (H)</i>		
ENGL 4723	Studies in Shakespeare (H)	3
3 additional hours designated (H) not TH, DANC, or AADM		
<i>Natural Sciences (N)</i>		
Must include one Laboratory Science (L) course		
Courses designated (N)		
6		
<i>Social &amp; Behavioral Sciences (S)</i>		
Course designated (S)		
3		
<i>Additional General Education</i>		
Courses designated (A), (H), (N), or (S)		
10		
<b>Hours Subtotal</b>		<b>40</b>
<b>Diversity (D) &amp; International Dimension (I)</b>		
May be completed in any part of the degree plan		
Select at least one Diversity (D) course		
Select at least one International Dimension (I) course		
<b>College/Departmental Requirements</b>		
First Year Seminar		
(Transfer students with 15 hours exempt)		
1		
<i>Arts &amp; Humanities</i>		
MUSI 3572	History of Opera in Society (H)	2
TH 3873	History of Musical Theatre	3
4 additional hours, not TH, DANC, AADM. See note 2.a.		
4		
<i>Foreign Language</i>		
0-6 hours. See note 3.		
<i>Non-Western Studies</i>		
At least one course. See note 2.d.		
<i>Upper-Division General Education</i>		
Select 6 hours outside major department. See note 2.c.		

<b>Hours Subtotal</b>		<b>10</b>
<b>Major Requirements</b>		
Minimum GPA 3.00 with no grade below "C."		
MUSI 1532	Theory of Music I	2
TH 1301	BFA Acting Laboratory	1
TH 1311	BFA Movement Lab	1
TH 1313	Vocal Technique	3
TH 2320	Voice Lessons	2
TH 3320	BFA Voice Lessons II	2
TH 1323	Acting I	3
TH 1333	Voice and Movement	3
TH 1663	Stage Technology	3
TH 1673	Costume Technology	3
TH 2323	Acting II	3
TH 2343	Acting for Musical Theatre	3
TH 2563	Script Analysis	3
TH 3400	Upper-Division Projects	3
TH 3503	Digital Branding for the Performer	3
TH 3843	Musical Scene Study	3
TH 3863	Auditioning in Musical Theatre	3
TH 4303	Ensemble Theatre	3
Theatre Practica. Select 6 hours from:		6
TH 1500	Run Crew Practicum (minimum 1 hour)	
TH 2500	Production Crew Practicum	
TH 3500	Theatre Practicum II (minimum 1 hour)	
Two hours from:		2
TH 4990	BFA Jury	
DANC 2202	Jazz Dance	2
DANC 2302	Tap	2
DANC 3502	Musical Theatre Dance	2
AADM 4123	Entrepreneurship and the Arts	3
<b>Hours Subtotal</b>		<b>64</b>
<b>Electives</b>		
Select 6 hours.		6
May need to include 6 hours upper-division general education outside major department. See note 2.c.		
May need to include 6 hours of a foreign language. See note 3.b.		
<b>Hours Subtotal</b>		<b>6</b>
<b>Total Hours</b>		<b>120</b>

All Musical Theatre majors must successfully complete an entrance audition to enter the program. An annual performance jury will determine continued participation in the Bachelor of Fine Arts program.

## College of Arts and Sciences Requirements

### 1. General Education Requirements

No more than two courses (or eight hours) from the major department (<http://catalog.okstate.edu/college-arts-sciences-major-departments/>) may be used to meet General Education and College and Departmental Requirements. The General Education required English Composition, required U.S. History, required American Government, one required MATH or STAT course, and required foreign

language for B.A. degrees do not count against the two-course maximum.

## 2. A&S College/Departmental Requirements

- a. Arts and Humanities are defined as any course carrying an (H) designation or courses from AMST, ART, DANC, ENGL (except ENGL 3323 Technical Writing) HIST, MUSI, PHIL (except PHIL 1313 Logic and Critical Thinking (A), PHIL 3003 Symbolic Logic (A) and PHIL 4003 Mathematical Logic and Computability), REL, TH, and foreign languages.
- b. Natural and Mathematical Sciences are defined as any course from the following prefixes: ASTR, BIOC, BIOL, CHEM, CS (except CS 4883 Social Issues in Computing), GEOL, MATH, MICR, PBIO, PHYS, and STAT; or courses from other departments that carry an (A) or (N) general education designation.
- c. The required six hours of upper-division General Education may not include courses from the student's major department. This requirement may be satisfied by courses also used to satisfy any part of a student's degree program (i.e., in General Education, College Departmental Requirements, Major Requirements or Electives).
- d. Non-Western Studies Requirement for B.A. and B.F.A.; One 3-hour course in Non-Western Studies (N.W.). This requirement may be satisfied by courses also used to satisfy any part of a student's degree program (i.e., in General Education, College Departmental Requirements, Major Requirements or Electives).
- e. The College of Arts & Sciences requires a minimum 2.0 GPA in all major requirements and a minimum 2.0 GPA in all major-prefix courses applied to the degree.

## 3. Foreign Language Proficiency

- a. The foreign language requirement for the B.A. may be satisfied by 9 hours college credit in the same language, which must include 3 hours at the 2000-level, or equivalent proficiency (e.g., passing an advanced standing examination; TOEFL exam; presenting a high school transcript which demonstrates the high school was primarily conducted in a language other than English; etc.). Computer Science courses may not be used to satisfy this requirement. Currently Arabic and Mvskoke are not offered at the 2000-level at OSU.
- b. The foreign language requirement for the B.S., B.M. and B.F.A. may be satisfied by presenting a high school transcript which demonstrates two years of study of a single foreign language (passing grades at second-year level of study). It may also be satisfied by 6 hours college credit in the same language, which must include language courses 1713 and 1813, or equivalent proficiency (e.g., passing an advanced standing examination; TOEFL exam; presenting a high school transcript which demonstrates the high school was primarily conducted in a language other than English; etc.). Computer Science courses may not be used to satisfy this requirement.
- c. In addition to a. and b., students pursuing teacher certification must meet novice-high foreign language proficiency by presenting a high school transcript which demonstrates two years of study of a single foreign language with no grade below B. Or, students may complete 3 hours college credit in a single language with no grade below C (or pass an advanced standing examination, College Level Examination Program (CLEP) exam, or Oral Proficiency Interview developed by the American Council on the Teaching of Foreign Languages, equivalent to 3 hours of college credit.) Or, students may meet the requirement by transfer of documentation of meeting the foreign language competency

from one of the teacher education programs in the State of Oklahoma approved by the Oklahoma State Regents for Higher Education.

## 4. Exclusions

- a. Courses used to satisfy the General Education English Composition, U.S. History, American Government, and Mathematics or Statistics requirements will not count toward the 54-hour maximum allowed from one department.
- b. Courses with ATHL or LEIS prefixes and leisure activity courses may not be used for degree credit.

## Other Requirements

- See the College of Arts and Sciences Requirements.
- **Upper-Division Credit:** Total hours must include at least 40 hours in courses numbered 3000 or above.
- **Hours in One Department:** For B.A. and B.S. degrees, no more than 54 hours in one department may be applied to degree requirements.

## Additional State/OSU Requirements

- At least: 60 hours at a four-year institution; 30 hours completed at OSU; 15 of the final 30 or 50% of the upper-division hours in the major field completed at OSU.
- Limit of: one-half of major course requirements as transfer work; one-fourth of hours earned by correspondence; 8 transfer correspondence hours.
- Students will be held responsible for degree requirements in effect at the time of matriculation and any changes that are made, so long as these changes do not result in semester credit hours being added or do not delay graduation.
- Degrees that follow this plan must be completed by the end of Summer 2028.



## Theatre (TH), Minor

**Requirements for Students Matriculating in or before Academic Year 2022-2023.** Learn more about University Academic Regulation 3.1 (p. 943).

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**Minimum Grade Point Average in Minor Coursework:** 2.50 with no grade below "C."

**Total Hours:** 17

Code	Title	Hours
<b>Minor Requirements</b>		
TH 2413	Introduction to Staged Entertainment (H)	3
Select 3 hours of the following:		3
TH 2563	Script Analysis	
TH 3633	Diverse American Drama (DH)	
TH 3923	World Theatre History Before 1800 (H)	
TH 3933	World Theatre History After 1800 (H)	
Select a minimum of two 1-hour practica		2
Select nine additional hours approved by the department head		9
<b>Total Hours</b>		<b>17</b>

## Additional OSU Requirements

### Undergraduate Minors

- An undergraduate minor must include between fifteen and thirty hours, inclusive of undergraduate coursework.
- A minimum of six credit hours for the minor must be earned in residence at OSU.
- The courses required for a minor may be included in the course requirements for any undergraduate degree or they may be in addition to degree requirements, depending on the overlap between the minor and degree requirements. However, an undergraduate minor must be earned in an academic field other than the student's declared degree option. The minor may not duplicate the degree major or option (for example, a student who earns a BA in Art with an Art History option may earn a minor in Studio Art but not Art History).
- A student generally follows the minor requirements associated with his or her matriculation year or newer requirements that have been established since matriculation. The time limit for following requirements from a given academic year is six years.

For additional information on requirements on minors, click here (<https://adminfinance.okstate.edu/site-files/documents/policies/requirements-for-undergraduate-and-graduate-minors.pdf>).

# Theatre, BA

## Degree Requirements

**Requirements for Students Matriculating in or before Academic Year 2022-2023.** Learn more about University Academic Regulation 3.1 (p. 943).

**Minimum Overall Grade Point Average:** 2.00

**Total Hours:** 120

Code	Title	Hours
<b>General Education Requirements</b>		
<i>English Composition</i>		
See Academic Regulation 3.5 (p. 944)		
ENGL 1113	Composition I	3
or ENGL 1313	Critical Analysis and Writing I	
Select one of the following:		3
ENGL 1213	Composition II	
ENGL 1413	Critical Analysis and Writing II	
ENGL 3323	Technical Writing	
<i>American History &amp; Government</i>		
HIST 1103	Survey of American History	3
or HIST 1483	American History to 1865 (H)	
or HIST 1493	American History Since 1865 (DH)	
POLS 1113	American Government	3
<i>Analytical &amp; Quantitative Thought (A)</i>		
MATH or STAT course designated (A)		3
<i>Humanities (H)</i>		
TH 3923	World Theatre History Before 1800 (H) <sup>1</sup>	3
TH 3933	World Theatre History After 1800 (H) <sup>1</sup>	3
<i>Natural Sciences (N)</i>		
Must include one Laboratory Science (L) course		
Courses designated (N)		6
<i>Social &amp; Behavioral Sciences (S)</i>		
Course designated (S)		3
<i>Additional General Education</i>		
Courses designated (A), (H), (N), or (S)		10
<b>Hours Subtotal</b>		<b>40</b>
<b>Diversity (D) &amp; International Dimension (I)</b>		
May be completed in any part of the degree plan		
Select at least one Diversity (D) course		
Select at least one International Dimension (I) course		
<b>College/Departmental Requirements</b>		
<i>First Year Seminar</i>		
(Transfer students with 15 hours exempt)		1
<i>Arts &amp; Humanities</i>		
ENGL 3933	Shakespeare (H)	3
or ENGL 4723	Studies in Shakespeare (H)	
3 additional hours from:		3
ENGL 3263	Film & TV Criticism	
ENGL 3363	Readings in Drama (H)	
ENGL 3433	Introduction to Television Studies (H)	
ENGL 3453	History of American Film (H)	

ENGL 3463	History of International Film (HI)	
ENGL 3473	Race, Gender, and Ethnicity in American Film (D)	
ENGL 3503	Television and American Society (DH)	
ENGL 4263	Moving Image Aesthetics (H)	
ENGL 4350	Contemporary International Cinema	
ENGL 4450	Culture and the Moving Image	
Select 3 additional upper-division hours (not TH or DANC)		3
See note 2.a.		
<i>Natural &amp; Mathematical Sciences</i>		
See note 2.b.		3
<i>Foreign Language</i>		
See note 3.		9
<i>Non-Western Studies</i>		
At least one course		
See note 2.d.		
<i>Upper-Division General Education</i>		
Select 6 hours outside major department		
See note 2.c.		
<b>Hours Subtotal</b>		<b>22</b>
<b>Major Requirements</b>		
Minimum GPA 2.50. Minimum grade of "C" in all TH/DANC courses		
<i>Core Requirements</i>		
TH 1323	Acting I	3
TH 1663	Stage Technology	3
TH 1673	Costume Technology	3
TH 2563	Script Analysis	3
TH 3633	Diverse American Drama (DH)	3
TH 4753	Stage Management	3
Select 6 hours of the following:		6
TH 1500	Run Crew Practicum (at least 2 hours)	
TH 2500	Production Crew Practicum	
TH 3500	Theatre Practicum II	
<i>Emphasis</i>		
Complete one Emphasis (p. 1856)		21
<b>Hours Subtotal</b>		<b>45</b>
<b>Electives</b>		
Select 13 hours		13
May need to include 6 hours upper-division general education outside major department (see note 2.c.), and 10 additional upper-division hours		
<b>Hours Subtotal</b>		<b>13</b>
<b>Total Hours</b>		<b>120</b>

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College and Departmental Requirements that may be used to meet General Education Requirements.

## Emphasis

### Performance Emphasis

Code	Title	Hours
TH 1333	Voice and Movement	3
TH 2323	Acting II	3
TH 3373	Acting III	3
TH 3853	Auditions and the Professional Actor/ Director	3
Select 1 of the following:		2
DANC 2002	Ballet I	
DANC 3002	Ballet II	
DANC 2102	Contemporary Modern Dance I	
DANC 2202	Jazz Dance	
DANC 2302	Tap	
DANC 3102	Contemporary Modern Dance II	
DANC 3502	Musical Theatre Dance	

Select 7 hours of Theatre Electives (3 hours must be upper-division) (p. 1856) 7

### Design/Technology Emphasis

Code	Title	Hours
TH 2833	Transition to Professions in Design and Technology	3
Select one of the following:		3
TH 3183	Scene Design for Theatre	
TH 3323	Sound Design and Technology	
TH 3593	Lighting for Theatre	
TH 3953	Costume Design	

Select 15 hours of Theatre Electives (6 hours must be upper-division) (p. 1856) 15

### General Emphasis

Code	Title	Hours
AADM 1203	Introduction to Arts Administration	3
TH 2833	Transition to Professions in Design and Technology	3
or TH 3853	Auditions and the Professional Actor/Director	

Select 15 hours of Theatre Electives (7 hours must be upper-division) (p. 1856) 15

### Theatre Electives

Code	Title	Hours
<i>Performance</i>		
TH 1333	Voice and Movement	3
TH 2323	Acting II	3
TH 3373	Acting III	3
TH 3853	Auditions and the Professional Actor/ Director	3
Select one of the following:		
DANC 2002	Ballet I	2
DANC 3002	Ballet II	2
DANC 2102	Contemporary Modern Dance I	2
DANC 2202	Jazz Dance	2

DANC 2302	Tap	2
DANC 3102	Contemporary Modern Dance II	2
DANC 3502	Musical Theatre Dance	2
Select 7 hours of Theatre Electives		7
<i>Design/Technology</i>		
TH 2553	Introduction to Stage Design	3
TH 2833	Transition to Professions in Design and Technology	3
TH 2971	Stage Makeup	1
TH 3183	Scene Design for Theatre	3
TH 3323	Sound Design and Technology	3
TH 3400	Upper-Division Projects	1-3
TH 3593	Lighting for Theatre	3
TH 3953	Costume Design	3
TH 4403	Senior Honors Project (requires consent of instructor)	3
TH 4630	Topics in Design and Technology	1-3
TH 4653	Advanced Stage Technology	3
TH 4673	Advanced Costume Construction	3
TH 4983	Painting Techniques for Theatre	3

### Arts Administration

AADM 1203	Introduction to Arts Administration	3
AADM 2103	Fundraising for the Arts	3

## Other Requirements

- See the College of Arts and Sciences Requirements.
- **Upper-Division Credit:** Total hours must include at least 40 hours in courses numbered 3000 or above.
- **Hours in One Department:** For B.A. and B.S. degrees, no more than 54 hours in one department may be applied to degree requirements.

## College of Arts and Sciences Requirements

### 1. General Education Requirements

No more than two courses (or eight hours) from the major department (<http://catalog.okstate.edu/college-arts-sciences-major-departments/>) may be used to meet General Education and College and Departmental Requirements. The General Education required English Composition, required U.S. History, required American Government, one required MATH or STAT course, and required foreign language for B.A. degrees do not count against the two-course maximum.

### 2. A&S College/Departmental Requirements

- Arts and Humanities are defined as any course carrying an (H) designation or courses from AMST, ART, DANC, ENGL (except ENGL 3323 Technical Writing) HIST, MUSI, PHIL (except PHIL 1313 Logic and Critical Thinking (A), PHIL 3003 Symbolic Logic (A) and PHIL 4003 Mathematical Logic and Computability), REL, TH, and foreign languages.
- Natural and Mathematical Sciences are defined as any course from the following prefixes: ASTR, BIOC, BIOL, CHEM, CS (except CS 4883 Social Issues in Computing), GEOL, MATH, MICR, PBIO, PHYS, and STAT; or courses from other departments that carry an (A) or (N) general education designation.

- c. The required six hours of upper-division General Education may not include courses from the student's major department. This requirement may be satisfied by courses also used to satisfy any part of a student's degree program (i.e., in General Education, College Departmental Requirements, Major Requirements or Electives).
- d. Non-Western Studies Requirement for B.A. and B.F.A.; One 3-hour course in Non-Western Studies (N.W.). This requirement may be satisfied by courses also used to satisfy any part of a student's degree program (i.e., in General Education, College Departmental Requirements, Major Requirements or Electives).
- e. The College of Arts & Sciences requires a minimum 2.0 GPA in all major requirements and a minimum 2.0 GPA in all major-prefix courses applied to the degree.

### 3. Foreign Language Proficiency

- a. The foreign language requirement for the B.A. may be satisfied by 9 hours college credit in the same language, which must include 3 hours at the 2000-level, or equivalent proficiency (e.g., passing an advanced standing examination; TOEFL exam; presenting a high school transcript which demonstrates the high school was primarily conducted in a language other than English; etc.). Computer Science courses may not be used to satisfy this requirement. Currently Arabic and Mvskoke are not offered at the 2000-level at OSU.
- b. The foreign language requirement for the B.S., B.M. and B.F.A. may be satisfied by presenting a high school transcript which demonstrates two years of study of a single foreign language (passing grades at second-year level of study). It may also be satisfied by 6 hours college credit in the same language, which must include language courses 1713 and 1813, or equivalent proficiency (e.g., passing an advanced standing examination; TOEFL exam; presenting a high school transcript which demonstrates the high school was primarily conducted in a language other than English; etc.). Computer Science courses may not be used to satisfy this requirement.
- c. In addition to a. and b., students pursuing teacher certification must meet novice-high foreign language proficiency by presenting a high school transcript which demonstrates two years of study of a single foreign language with no grade below B. Or, students may complete 3 hours college credit in a single language with no grade below C (or pass an advanced standing examination, College Level Examination Program (CLEP) exam, or Oral Proficiency Interview developed by the American Council on the Teaching of Foreign Languages, equivalent to 3 hours of college credit.) Or, students may meet the requirement by transfer of documentation of meeting the foreign language competency from one of the teacher education programs in the State of Oklahoma approved by the Oklahoma State Regents for Higher Education.

### 4. Exclusions

- a. Courses used to satisfy the General Education English Composition, U.S. History, American Government, and Mathematics or Statistics requirements will not count toward the 54-hour maximum allowed from one department.
- b. Courses with ATHL or LEIS prefixes and leisure activity courses may not be used for degree credit.

## Additional State/OSU Requirements

- At least: 60 hours at a four-year institution; 30 hours completed at OSU; 15 of the final 30 or 50% of the upper-division hours in the major field completed at OSU.
- Limit of: one-half of major course requirements as transfer work; one-fourth of hours earned by correspondence; 8 transfer correspondence hours.
- Students will be held responsible for degree requirements in effect at the time of matriculation and any changes that are made, so long as these changes do not result in semester credit hours being added or do not delay graduation.
- Degrees that follow this plan must be completed by the end of Summer 2028.

## Example Plan of Study

### Finish in Four Plan of Study

The plan below is an **example** of how students can successfully complete degree requirements in four years. This suggested class schedule plan may be used as a guide and can be adjusted based on individual needs. Students are required to meet with an academic adviser prior to enrollment each semester to plan their class schedule, and students are ultimately responsible for completing all degree requirements.

Course	Title	Hours
<b>Freshman</b>		
<b>Fall</b>		
TH 1323	Acting I	3
TH 1663 or TH 1673	Stage Technology or Costume Technology	3
General Education courses		8
<b>Hours</b>		<b>14</b>
<b>Spring</b>		
TH 2563	Script Analysis	3
TH 1673 or TH 1663	Costume Technology or Stage Technology	3
TH 1500	Run Crew Practicum	1
General Education courses		9
<b>Hours</b>		<b>16</b>
<b>Sophomore</b>		
<b>Fall</b>		
TH 1500	Run Crew Practicum	1
1713	First Semester Foreign Language	3
General Education courses		11
<b>Hours</b>		<b>15</b>
<b>Spring</b>		
TH 2833 or TH 3853	Transition to Professions in Design and Technology or Auditions and the Professional Actor/Director	3
TH 3633	Diverse American Drama (DH)	3
TH 1500 or TH 2500 or TH 3500	Run Crew Practicum or Production Crew Practicum or Theatre Practicum II	1
1813	Second Semester Foreign Language	3
General Education courses		5
<b>Hours</b>		<b>15</b>
<b>Junior</b>		
<b>Fall</b>		
TH 3923	World Theatre History Before 1800 (H)	3
ENGL 3933	Shakespeare (H)	3
TH 1500 or TH 2500 or TH 3500	Run Crew Practicum or Production Crew Practicum or Theatre Practicum II	1

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2000-level Foreign Language		3
General Education and Major courses		5
<b>Hours</b>		<b>15</b>
<b>Spring</b>		
TH 3933	World Theatre History After 1800 (H)	3
TH 4753	Stage Management	3
TH 1500 or TH 2500 or TH 3500	Run Crew Practicum or Production Crew Practicum or Theatre Practicum II	1
College and Elective courses		8
<b>Hours</b>		<b>15</b>
<b>Senior</b>		
<b>Fall</b>		
Major and Elective courses		15
<b>Hours</b>		<b>15</b>
<b>Spring</b>		
TH 1500 or TH 2500 or TH 3500	Run Crew Practicum or Production Crew Practicum or Theatre Practicum II	1
Major, College, and Elective courses		14
<b>Hours</b>		<b>15</b>
<b>Total Hours</b>		<b>120</b>