

ABOUT THE UNIVERSITY

The History

Oklahoma State University (<https://go.okstate.edu/about-osu/history.html>) was founded as Oklahoma Agricultural and Mechanical College on Dec. 25, 1890, just 20 months after the Land Run of 1889. When the first students assembled for class on Dec. 14, 1891, no buildings, books or curriculum existed. For more than 130 years, this land-grant institution has held true to its mission of instruction, extension and research.

Land-grant universities were made possible by the Morrill Acts of 1862, 1890 and 1994. The first granted federally controlled land to states to establish “land-grant” colleges. They were designed to be a departure from the typical liberal arts curriculum and a response to the industrial revolution. Land-grant colleges were designed to improve the world through education and research in agriculture, military tactics and mechanical arts.

In 1894, 2½ years after classes began in local churches, 144 students moved into the first academic building, later named Old Central and still located on the southeast corner of campus, housing the Honors College today. In 1896, Oklahoma A&M held its first commencement with six male graduates.

The Smith-Lever Act of 1914 created a cooperative extension service associated with each land-grant institution. Oklahoma State University has 77 Extension offices (<https://extension.okstate.edu/>), one in each county. They provide practical, research-based knowledge for improving lives and communities.

On July 1, 1957, Oklahoma A&M College became Oklahoma State University. Technical branches were established in Okmulgee in 1946 and in Oklahoma City in 1961. In 1990, these two technical branches were renamed OSU-Okmulgee (<https://osuit.edu/>) and OSU-Oklahoma City (<https://osuokc.edu/>); and in 2008, OSU-Okmulgee (<https://osuit.edu/>) was renamed OSU Institute of Technology (<https://osuit.edu/>). OSU-Tulsa (<https://tulsa.okstate.edu/>) was formed in 1999 from a consortium of universities that were originally established in 1982. In July of 1988, the Oklahoma College of Osteopathic Medicine and Surgery (in Tulsa) became the OSU College of Osteopathic Medicine. In 2001, it became part of the OSU Center for Health Sciences (<https://medicine.okstate.edu/>), which also has an affiliation with its primary teaching hospital – the OSU Medical Center (<https://osumc.com/>). Oklahoma State University College of Osteopathic Medicine and the Cherokee Nation established the nation’s first tribally affiliated college of medicine (<https://news.okstate.edu/articles/communications/2020/osu-ceremony-opens-first-tribally-affiliated-medical-school.html/>) in Tahlequah, Oklahoma, which opened in August 2020.

OSU’s main campus is located in Stillwater, a north-central Oklahoma community with a population of around 50,000. Stillwater is approximately 60 miles from the Tulsa and Oklahoma City metropolitan areas and is readily accessible by interstate highway and air. Stillwater added daily air service to Dallas in 2016.

The university has an enrollment of more than 33,000 students on five campuses. It offers bachelor’s, master’s and doctoral degrees in many fields, as well as Doctor of Osteopathic Medicine and Doctor of Veterinary Medicine degrees. Specialist in Education degrees are also offered in selected fields.

Although OSU is a large, comprehensive university, its size does not minimize the personal attention each student receives. The individual is more than just a number here. Students can count on personal attention in a friendly environment.

As a comprehensive land-grant institution, OSU offers many distinct advantages: nearly 4 million volumes in the library’s collection; modern research laboratories and equipment; excellent physical education, recreation and student union facilities; more than 500 student organizations; nationally recognized residence hall programs; outstanding cultural and athletic events; and 45 nationally affiliated fraternities and sororities that provide a stimulating educational and social environment.

The Mission

Proud of its land-grant heritage, Oklahoma State University advances knowledge, enriches lives and stimulates economic development through instruction, research, outreach and creative activities.

Student Profile

Oklahoma State University has a diverse student body. Students come from Oklahoma, across the nation and around the world. Of OSU’s more than 33,000 students, approximately 72 percent are on the Stillwater campus, including students at the College of Veterinary Medicine (<https://vetmed.okstate.edu/>). The remaining student population is spread over OSU-Oklahoma City (<https://osuokc.edu/>), OSU Institute of Technology (<https://osuit.edu/>) in Okmulgee, OSU-Tulsa (<https://tulsa.okstate.edu/>) and the OSU Center for Health Sciences (<https://health.okstate.edu/>) in Tulsa.

More than 77 percent of the undergraduates enrolled are Oklahoma residents and 21 percent are out-of-state residents. International undergraduates number 2 percent and are from 49 foreign countries. The total international enrollment is from 89 countries. Of the undergraduate population, 52 percent are women. U.S. minorities make up approximately 33.1 percent of the undergraduate student body. The six-year graduation rate of full-time, degree-seeking undergraduate students is 63.8 percent for OSU-Stillwater and OSU-Tulsa.

There are 4,490 graduate students throughout the OSU system. Over 3,400 of those students are on the Stillwater campus. Forty-seven percent are Oklahoma residents, 36 percent are out-of-state residents and 17 percent are from foreign countries. Graduate students are nearly equally divided by gender, with 51 percent female and 49 percent male. U.S. minorities make up 21.6 percent of the graduate student body.

An annual report regarding gender equity in OSU’s athletic programs is available upon request from the Athletic Department (<https://okstate.com/>).

Research

Research has been one of the three essential components of the OSU mission since the University’s inception. Research adds richness, depth and broader impact to the other mission components of teaching and outreach. In the sciences and engineering, basic research advances the frontiers of disciplinary knowledge; whereas, applied research improves quality of life and economic prosperity by bringing new products, processes and medicines to the marketplace. Research and creative innovations within the arts and humanities enhance how human beings view and understand the world we live in.

OSU's faculty and students are engaged in research across the full spectrum of human endeavor and inquiry, including areas of state and national priority. In addition to disciplinary research in virtually all academic units on campus, OSU is strong in several areas of interdisciplinary research. Researchers involved in next generation sustainable energy span agricultural innovation, nutrition, engineering, toxicology, geosciences, economics and the social/behavioral sciences. OneHealth is an interdisciplinary framework that recognizes the interconnections between human health, animal health and a healthy planet. OSU OneHealth includes research as diverse as pandemic preparedness, veterinary medicine, ecology, psychology, exercise science and bioengineering—as well as basic research in the bench sciences. Unmanned systems research (including unmanned aircraft) brings researchers from several engineering disciplines together with experts in production agriculture, computer science, information systems and aviation education to create platforms, sensors, data management tools and new applications for this burgeoning field. Such interdisciplinary research strengths are enhanced by big data solutions, including OSU's high performance computing facilities and advanced analytical expertise. Other strength areas include transportation, rural renewal, wheat and sod science, and factors associated with the opioid crisis.

The Division of the Vice President for Research administers research across the OSU System. The division is comprised of the following units:

The *Research Administration* office (research.okstate.edu (<http://research.okstate.edu/>)) is responsible for research governance, operations and special programs including the OSU Researchers' Reception, the Regents Distinguished Research Awards, the President's Fellows Faculty Research Award, the Otto S. Cox Graduate Fellowships for Genetics Research and the Niblack Research Scholars program. Other areas administered by the office include conflict of interest, complaints of scientific misconduct, core facilities and facilities renovation/development programs, and the University cost-share and University start-up programs.

The *Center for Strategic Proposal Development* (cspd.okstate.edu (<https://cspd.okstate.edu/>)) works closely with faculty, staff and administration across colleges and campuses at OSU to develop strong and competitive external funding proposals. An experienced grant writer is available to provide a wide range of pre-award services, advice and information to strengthen and enhance proposal quality.

The *Office of University Research Compliance* (compliance.okstate.edu (<http://compliance.okstate.edu/>)) ensures OSU follows federal, state and University regulations that set forth requirements for certain kinds of research. Working through faculty committees, it oversees research involving human subjects, animal models, radiological materials, certain hazardous agents and recombinant DNA.

The *Office of University Research Services* (urs.okstate.edu (<http://urs.okstate.edu/>)) is the document control center for the routing of all proposals and awards throughout the University. It provides support to faculty and staff (through information about funding opportunities, and training seminars); posts online research expenditures and abstracts; and provides guidance for compliance with federal export control regulations that govern the conduct of research and export of specific technologies that may have an impact on national security and trade.

The Division of the Vice President for Research is also home to several core research facilities. The *High Performance Computing Center* (hpcc.okstate.edu (<https://hpcc.okstate.edu/>)) provides supercomputing services and computational science expertise that enables faculty,

staff and students to conduct a wide range of focused research, development and test activities. Its main objective is to facilitate research and aid in educational advancement by integrating state-of-the-art high performance computing technology for multidisciplinary units across the OSU campus and throughout Oklahoma. The *Oklahoma State University Microscopy Laboratory* (<http://microscopy.okstate.edu>) is a multi-user instrumentation facility for materials research spanning from nanotechnology to biology and medicine. Analytical capabilities include microscopy via electron beams, force probes and visible light, as well as nanomechanical and nanotribological probes. OSU's *Animal Resources* (<https://research.okstate.edu/animalresources> (<https://research.okstate.edu/animalresources/>)) handles the centralized housing and husbandry of animals utilized in research, and oversees the veterinary care of all OSU animals used for teaching testing and research.

In addition to units within the division, the Vice President for Research also serves as the President of the Oklahoma State University Research Foundation (OSURF; [osurf.org](http://www.osurf.org) (<http://www.osurf.org/>)) which handles technology development, transfer and commercialization on behalf of OSU. OSURF also manages several strategic resources that can connect OSU researchers to industry and other partners. The *OSU Research Park* is a 160-acre site uniquely designed for collaboration among tenants while providing custom facilities for technology-based or industry-driven companies in all stages of development. The Venture I building consists of OSU and private-sector labs while the Michael S. Morgan Business Accelerator Building is designed to support and serve as an incubator for technology-based start-ups. The *Technology Development Center* (tdc.okstate.edu (<http://tdc.okstate.edu/>)) manages OSU's innovative technologies and other intellectual property for the benefit of the University and the public. In carrying out this mission, personnel work with faculty, staff, administrators and students to protect OSU's intellectual property and license it to commercial firms. *Cowboy Technologies* (cowboytechllc.com (<http://cowboytechllc.com/>)) is a for-profit, limited-liability company within OSURF with the mission to be a catalyst for commercializing university inventions. The company goals run parallel with that of OSU's land-grant mission of taking University research from "Campus to Community."

Research Centers and Facilities

OSU has multiple research centers and facilities across the Stillwater campus and throughout the state.

The NSF Established Program to Stimulate Competitive Research (EPSCoR) program leads a statewide initiative that conducts cutting edge research while building Oklahoma's talent pipeline in STEM fields (<http://okepsc.org>).

The *Oklahoma Center for Respiratory and Infectious Diseases* (ocrid.okstate.edu (<http://ocrid.okstate.edu/>)) works toward understanding and treatment of a major health problem in the U.S.

The *Center for Integrative Research on Childhood Adversity* (circaok.com (<http://circaok.com/>)), a collaboration between OSU and the OSU Center for Health Sciences in Tulsa, is establishing the linkages between childhood difficulties and later physical health.

The *Unmanned Systems Research Institute* brings together researchers from all over the university and the state to advance unmanned aerial systems and related technologies and applications.

The *Robert M. Kerr Food & Agricultural Products Center* provides large and small businesses, producers and entrepreneurs access to faculty and

staff with expertise in business and technical disciplines. The FAPC seeks to develop successful value-added enterprises in Oklahoma.

The *Oklahoma Water Resources Center* aims to understand and manage Oklahoma water resources and resolve Oklahoma water issues by conducting research and disseminating the resulting knowledge. With expertise in a variety of disciplines, more than 80 faculty members across campus are involved in the Center's activities; visit <http://water.okstate.edu/about-the-water-center/>.

The *Helmerich Advanced Technology Research Center* is a state-of-the-art research, development, testing and education center located on the OSU-Tulsa campus. Faculty from mechanical engineering, electrical engineering and materials science and engineering work collaboratively there on research and graduate education.

The *Henry Bellmon Research Center* houses six of OSU's leading interdisciplinary research programs: synthetic chemistry, biodiversity, biophysics, photonics, bioforensics and biogeophysics. These are but a few of OSU's research centers and facilities; for other examples and more detailed information, visit <https://research.okstate.edu/center-institutes.html>.

Outreach

Oklahoma State University's long and proud tradition of excellence in outreach and community engagement is rooted in its beginnings as a land grant institution. That heritage is demonstrated through engagement in the hundreds of educational and research programs seeking to solve problems and help people thrive in the state, nation and around the world. Every college on the OSU campus is engaged in outreach programs (<https://outreach.okstate.edu/>) that include noncredit professional development, education opportunities for young children to the elderly, and technical assistance services to support business and economic growth.

Office of Individual Study

OSU Individual Study undergraduate courses provide a self-paced, independent, and online format for individuals with busy schedules and who desire a more flexible format such as those working full time, juggling family responsibilities, and/or military members. Individual Study students may be in-state, out of state or out of country students and do not have to be admitted to OSU.

Students choose the twelve-month class but can complete it in less time. Yearlong courses have open start dates so students may begin a course anytime they wish. OSU students can also enroll in individual study semester length classes. Please check with your advisor. Courses are delivered through the OSU learning management system, Canvas; however, students who do not have Internet access can participate in courses using print-based materials.

Call 405-744-6390 or visit is.okstate.edu (<http://is.okstate.edu>) for class descriptions, costs, and enrollment information.

For information on all OSU online courses and degrees, visit osuonline.okstate.edu (<http://osuonline.okstate.edu>), call 405-744-1000, or email osuonline@okstate.edu.

Accreditation

Oklahoma State University is accredited by the Higher Learning Commission (HLC). Programs within the colleges also hold area accreditation. The HLC may be reached at:

230 South LaSalle Street, Suite 7-500
Chicago, IL 60604-1411
Phone: 800.621.7440/312.263.0456
Fax: 312.263.7462
info@hlcommission.org

In the *College of Arts and Sciences*, the chemistry program is certified by the American Chemical Society; the program in communication sciences and disorders is accredited by the Council on Academic Accreditation in Audiology and Speech-Language Pathology of the American Speech-Language-Hearing Association; the School of Media and Strategic Communications, which offers programs in multimedia journalism, sports media, and strategic communication, is accredited by the Accrediting Council on Education in Journalism and Mass Communications (ACEJMC); the Clinical Laboratory Sciences program is accredited by the National Accrediting Agency for Clinical Laboratory Sciences; the Greenwood School of Music is accredited by the National Association of Schools of Music (NASM); the program in clinical psychology is accredited by the American Psychological Association and the Psychological Clinical Science Accreditation System; and the Department of Theatre is accredited by the National Association of Schools of Theatre (NAST).

In the *College of Education and Human Sciences*, the Professional Education Unit is accredited as an NCATE Legacy Site; the unit adheres to the Council for the Accreditation of Educator Prep (CAEP) accreditation standards and is scheduled for its next accreditation visit Spring 2022. The counseling psychology and school psychology programs are both accredited by the American Psychological Association. The school counseling and mental health counseling programs are accredited by the Council for Accreditation of Counseling and Related Educational Programs (CACREP). The school psychology program is also accredited by the National Association of School Psychologists (NASP). The School Administration EdD, the Educational Administration Ph.D., and the Master's in School Administration are accredited by the National Policy Board for Educational Administration (NPBEA). In Secondary Education the Social Studies Education options are accredited by the National Council for the Social Studies (NCSS). The English Education option is accredited by the National Council for the Teaching of English (NCTE), and the Foreign Language Education option is accredited by the American Council on the Teaching of Foreign Languages (ACTFL). The Commission for Educator Quality and Accountability through Oklahoma's Office of Educator Quality and Accountability (OEQA) has approved the Early Childhood Education program, the Elementary Education program, the Family and Consumer Sciences Education program, the Physical Education program, the master's in Education Technology School Library-Media option, the Reading & Literacy Education (Reading Specialist) master's program, the Master of Arts in Teaching (MAT) in Science Education, and the Art education certification pathway. Program approval has been granted to the early childhood education program by the Oklahoma State Board of Education. The Early Childhood Education program and the Family and Consumer Sciences Education program are accredited by the Commission for Educator Quality and Accountability through Oklahoma's Office of Educator Quality and Accountability (OEQA). The undergraduate program in the School of Kinesiology, Applied

Health and Recreation is recognized through the NSCA Education Recognition Program (ERP).

The Child Development Laboratory is licensed by the Oklahoma Department of Human Services (DHS) and has received a Three Star Differential Quality Certification from the Department of Human Services. The Child Development Lab School is also accredited by the accrediting branch of the National Association for the Education of Young Children (NAEYC). The Marriage and Family Therapy program is accredited by the Commission on Accreditation for Marriage and Family Therapy Education (COAMFTE) of the American Association for Marriage and Family Therapy. The Family Financial Planning Master of Science, graduate certificate, and undergraduate certificate are Certified Financial Planner Board of Standards registered programs. The Recreational Therapy Program is accredited by the Committee on Accreditation of Recreational Therapy Education (CARTE) through the Commission on Accreditation of Allied Health Education Programs (CAAHEP), which is accredited by the Council on Higher Education Accreditation (CHEA). The Recreation Management program is accredited by the Council on Accreditation of Parks, Recreation, Tourism, and Related Professions (COAPRT), COAPRT which is accredited by the Council on Higher Education Accreditation (CHEA). The RN to BSN Nursing program is accredited by the Commission on Collegiate Nursing Education (CCNE). The Didactic Program in Dietetics and the Dietetic Internship at OSU are both currently granted continuing accreditation by the Accreditation Council for Education in Nutrition and Dietetics of the Academy of Nutrition and Dietetics, 120 South Riverside Plaza, Suite 2190, Chicago, IL 60606-6995, ph. 312.899.0040 ext. 5400.

The Council for Interior Design Accreditation (CIDA) has accredited the undergraduate interior design program. The pre-production and the production management apparel curricula is endorsed by the American Apparel and Footwear Association (AAFA) Education Foundation, making it one of only 13 approved programs in North America. The Fashion Design and Production and Fashion Merchandising programs have provisional Textile and Apparel Programs Accreditation Commission (TAPAC) accreditation.

In the *College of Engineering, Architecture and Technology*, bachelor's degree programs are accredited by nationally recognized accreditation organizations. Programs in aerospace engineering, architectural engineering, biosystems engineering, chemical engineering, civil engineering, computer engineering, electrical engineering, industrial engineering and management, and mechanical engineering are individually accredited by the Engineering Accreditation Commission of ABET <http://www.abet.org>. Programs in construction engineering technology, electrical engineering technology, fire protection and safety engineering technology, and mechanical engineering technology are individually accredited by the Engineering Technology Accreditation Commission of ABET, <http://www.abet.org>. The Bachelor of Architecture degree is accredited by the National Architectural Accrediting Board (NAAB).

In the *Ferguson College of Agriculture*, the undergraduate program in biochemistry and molecular biology is accredited by the American Society for Biochemistry and Molecular Biology. The undergraduate forestry ecology and management option of the natural resource ecology and management major is accredited by the Society of American Foresters. The landscape architecture program (Bachelor of Landscape Architecture) is accredited by the American Society of Landscape Architects (ASLA). The landscape management program is accredited by the National Association of Landscape Professionals (NALP). The professional education program in agricultural education is accredited by

the Council for the Accreditation of Educator Preparation (CAEP) formerly known as the National Council for Accreditation of Teacher Education (NCATE). In addition, the undergraduate biosystems engineering program is accredited by Engineering Accreditation Commission of ABET (www.abet.org) under criteria for biological engineering and similarly named programs.

The *Spears School of Business* is accredited by AACSB International—The Association to Advance Collegiate Schools of Business, which is the premier accrediting agency for bachelor's, master's, and doctoral degree programs in business administration and accounting. AACSB International accreditation represents the highest standard of achievement for business schools worldwide. Institutions that earn accreditation confirm their commitment to quality and continuous improvement through a rigorous and comprehensive peer review process. All Spears programs are AACSB accredited. In addition, the School of Accounting is supplementally accredited by the AACSB. There are only 189 schools world-wide that have attained this status for both business and accounting programs.

The College of Veterinary Medicine is fully accredited by the American Veterinary Medical Association's Council on Education. The Oklahoma Animal Disease Diagnostic Laboratory is accredited by the American Association of Veterinary Laboratory Diagnosticians, and the Boren Veterinary Medical Teaching Hospital is accredited by the American Animal Hospital Association.

The animal care programs of the College of Veterinary Medicine, the College of Education and Human Sciences, and the College of Engineering, Architecture and Technology are accredited by the Association for the Assessment and Accreditation of Laboratory Animal Care, International (AAALAC). AAALAC International is a private, nonprofit organization that promotes the humane treatment of animals in science through voluntary accreditation and assessment programs. AAALAC International accreditation shows that an institution is serious about setting, achieving and maintaining high standards for animal care and use and is committed to animal welfare in science. AAALAC International offers the only international accreditation for animal care and use programs, and it has become recognized around the world as a sign of quality science.

Programs at OSU's branch campuses have also received accreditation from national agencies.

The College of Osteopathic Medicine at the Center for Health Sciences is accredited by the Commission on Osteopathic College Accreditation (COCA) of the American Osteopathic Association.

Programs at OSU-Tulsa are fully accredited by the Higher Learning Commission, carrying the same accreditation as programs on the Stillwater campus. Refer to individual colleges for the specific agencies.

Refer to the appropriate college sections in this Catalog for further information on accreditation of specific programs.

General Education

Oklahoma State University is committed to producing graduates who have a depth of knowledge in their major fields of study and a breadth of general knowledge to address issues in a complex society. OSU graduates have a mastery of a specific subject matter and solid, diversified general education. With a commitment to breadth in general education, the following philosophy was adopted in 2001:

General Education at Oklahoma State University provides students general knowledge, skills and attitudes conducive to lifelong learning in a complex society. Specifically, general education at Oklahoma State University is intended to construct a broad foundation for the student's specialized course of study; develop the student's ability to read, observe and listen with comprehension; enhance the student's skills in communicating effectively; expand the student's capacity for critical analysis and problem solving; assist the student in understanding and respecting diversity in people, beliefs and societies; and develop the student's ability to appreciate and function in the human and natural environment.

Every general education course is aligned with one of four content areas: analytical and quantitative thought (A), humanities (H), natural sciences (N), and social and behavioral sciences (S). In addition, OSU students must participate in an international dimension course (I) and in natural sciences courses that include a lab component and have a scientific investigation (L) designation. Beginning in Fall 2008 all new students will also complete a diversity (D) course. A course is qualified to be part of the general education curriculum if it meets the needs of students in all disciplines without requiring extensive specialized skills and satisfies all the criteria for a specific general education area. The requirements for each general education area follow:

General Education Area Designations

ANALYTICAL AND QUANTITATIVE THOUGHT - (A)

Purpose:

Courses designated "A" incorporate the study of systems of logic and the mathematical sciences with a primary emphasis on inductive and/or deductive processes.

Requirements:

Students will critically analyze and solve problems using quantitative, geometric, or logical models.

Students will form inferences using logical systems and mathematical information and communicate them effectively.

Students will give appropriate multiple representations (symbolical, visual, graphical, numerical, or verbal) of logical or mathematical information.

DIVERSITY - (D)

Purpose:

Courses designated "D" prepare students for engaged citizenship in the diverse, multicultural society of the United States.

Requirements:

Students will reflect on identity through the examination of one or more underrepresented groups (e.g. racial, ethnic, religious, social class, gender, age, disability, sexual orientation) in present day United States.

Students will examine the ways underrepresented groups define and express themselves and the context in which these definitions are constructed.

Students will critically analyze theories and systems of cultural, societal, political, or economic power.

Students will demonstrate their understanding through written work that provides them the opportunity to enhance their writing skills; upper division "D" courses will include extensive written work.

1. Writing assignments must be weighted in the grading scheme such that students are discouraged from skipping the assignment (i.e. writing assignments are worth a minimum 10% of the overall grade).
2. Writing assignments must be tied to the purpose/requirements of the "D" designation.
3. The minimum required number of pages may be encompassed in one or multiple assignments. Informal writing assignments (like journals or class notes) and group projects will not count toward writing minimum. Multiple drafts of the same work cannot be counted twice in the cumulative page minimum.
4. Lower-division courses must include at least five pages of out-of-class written assignments or essays.
5. Upper-division courses must include at least ten pages of out-of-class written assignments or essays. Instructors must provide feedback that students can incorporate in subsequent writing assignments (by revising and resubmitting a single assignment or submitting multiple assignments). At least one writing assignment must be at least four pages in length.

In courses worth three or more credit hours, at least one-half of the course materials must relate to one or more underrepresented groups. A course that is fewer than three hours must be entirely devoted to these groups. A detailed class schedule should be included on the course syllabus to confirm content minimum has clearly been met.

HUMANITIES - (H)

Purpose:

Courses designated "H" concentrate on the expression, analysis, and interpretation of ideas and the aesthetics or values that have formed and informed individuals and societies.

Requirements:

Students will critically analyze the relationships of aesthetics, ideas, or cultural values to historic and contemporary cultures.

Students will develop an understanding of how ideas, events, arts, or texts shape diverse individual identities.

Students will demonstrate their understanding through written work that provides them the opportunity to enhance their writing skills; upper division "H" courses will include extensive written work.

1. Writing assignments must be weighted in the grading scheme such that students are discouraged from skipping the assignment (i.e. writing assignments are worth a minimum of 10% of the overall grade).
2. The minimum required number of pages may be encompassed in one or multiple assignments. Informal writing assignments (like journals or class notes) and group projects will not count toward writing minimum. Multiple drafts of the same work cannot be counted twice in the cumulative page minimum.
3. Lower-division courses must include at least five pages of out-of-class written assignments or essays.
4. Upper-division courses must include at least ten pages of out-of-class written assignments or essays. Instructors must provide feedback that students can incorporate in subsequent writing assignments (by revising and resubmitting a single assignment or submitting multiple assignments).

assignments). At least one writing assignment must be at least four pages in length.

* Courses focused on studio work, design, performance, or individual creative production are not eligible for "H" designations.

INTERNATIONAL CULTURES - (I)

Purpose:

Courses designated "I" prepare students for engaged citizenship in today's global society through understanding of cultural perspectives outside the United States. Courses concerning ethnic and cultural minorities within the U.S. do not qualify.

Requirements:

Students will examine current interactions of groups or cultures external to the United States within their political, economic, ideological, or natural contexts.

Students will understand how current international cultures relate to complex, systems related to oppression, political ideology, globalization, or other similar dynamics.

Students will demonstrate their understanding through written work that provides them the opportunity to enhance their writing skills; upper division "I" courses will include extensive written work.

1. Writing assignments must be weighted in the grading scheme such that students are discouraged from skipping the assignment (i.e. writing assignments are worth a minimum 10% of the overall grade).
2. Writing assignments must be tied to the purpose/requirements of the "I" designation.
3. The minimum required number of pages may be encompassed in one or multiple assignments. Informal writing assignments (like journals or class notes) and group projects will not count toward writing minimum. Multiple drafts of the same work cannot be counted twice in the cumulative page minimum.
4. Lower-division courses must include at least five pages of out-of-class written assignments or essays.
5. Upper-division courses must include at least ten pages of out-of-class written assignments or essays. Instructors must provide feedback that students can incorporate in subsequent writing assignments (by revising and resubmitting a single assignment or submitting multiple assignments). At least one writing assignment must be at least 4 pages in length.

In courses worth three or more credit hours, at least one-half of the course materials must relate to international cultural perspectives on the present times. A course that is fewer than three credit hours must be entirely devoted to these groups. A detailed class schedule should be included on the course syllabus to confirm content minimum has clearly been met.

SCIENTIFIC INVESTIGATION - (L)

Purpose:

Courses designated "L" emphasize evaluating scientific hypotheses through the scientific inquiry process and must include the equivalent of at least one semester credit hour of physical or biological laboratory experience.

Requirements:

Students will critically analyze scientific problems, formulate hypotheses, conduct appropriate experiments, and summarize and interpret results.

Students will communicate procedures, results and conclusions through written work appropriate to the discipline.

NATURAL SCIENCES - (N)

Purpose:

Courses designated "N" feature the systematic study of physical or biological processes and the mechanisms and consequences of human intervention in those processes.

Requirements:

Students will understand the scientific inquiry process.

Students will use the methodologies and models of science to define, evaluate, and solve problems in biological and physical sciences.

Students will evaluate evidence, interpretations, results, and solutions related to the physical and biological sciences.

Students will understand the consequences of human intervention in physical and biological processes and mechanisms.

Students will demonstrate their ability to communicate in a manner appropriate to the discipline through written assignments.

SOCIAL AND BEHAVIORAL SCIENCES - (S)

Purpose:

Courses designated "S" propose theoretical constructs based on empirical observation (including quantitative or qualitative methods) to explain human behavior and society in social and/or physical environments.

Requirements:

Students will critically analyze generalizations about society and explore theoretical structures.

Students will understand the role of empirical observation using quantitative or qualitative methods in the social and behavioral sciences.

Students will demonstrate their understanding through written work that provides them the opportunity to enhance their writing skills; upper division "S" courses will include extensive written work.

1. Writing assignments must be weighted in the grading scheme such that students are discouraged from skipping the assignment (i.e. writing assignments are worth a minimum 10% of the overall grade).
2. The minimum required number of pages may be encompassed in one or multiple assignments. Informal writing assignments (like journals or class notes) and group projects will not count toward writing minimum. Multiple drafts of the same work cannot be counted twice in the cumulative page minimum.
3. Lower-division courses must include at least five pages of out-of-class written assignments or essays.
4. Upper-division courses must include at least ten pages of out-of-class written assignments or essays. Instructors must provide feedback that students can incorporate in subsequent writing assignments (by revising and resubmitting a single assignment or submitting multiple assignments). At least one writing assignment must be at least four pages in length.

Effective Fall 2020, all new requests for General Education designations must meet the purpose and all requirements in this document. Courses with approved General Education designations will retain the General Education designation until their next review. When the General Education Advisory Council next reviews the course the course must satisfy the purpose and all requirements to retain the General Education designation. If the designation(s) is denied during a review, the course will retain the designation(s) for one year during which time the course can be revised and resubmitted for reconsideration.

Athletic Programs Mission

Oklahoma State University is committed to providing regionally and nationally competitive athletics programs as an integral part of the overall educational mission of the University. Sponsored programs comply with the highest recognized standards of the institution and the athletic governing bodies. Intercollegiate athletics operate in harmony with the University's stated mission and are committed to the intellectual, cultural, physical and social development of the student-athletes as individuals. Opportunities for student-athletes are provided without discrimination. OSU is a member of the highly competitive Big 12 Conference.

Facilities

The OSU campus is one of exceptional beauty with its many modified Georgian-style buildings set against immaculate landscaping. The main campus encompasses more than 200 permanent buildings on 840 acres. Notable facilities include the Edmon Low Library (<https://go.okstate.edu/about-osu/traditions/edmon-low-library.html>), one of the largest in the Southwest, and Old Central, the university's first permanent structure on campus. Lovingly restored, Old Central continues to hold court on the southeast side of campus as it houses the Honors College (<https://honors.okstate.edu/contact-us.html>).

OSU boasts an extremely comprehensive Student Union (<https://union.okstate.edu/>). Thanks to a \$63 million facelift, the Student Union offers greatly enhanced facilities and services to students. Leadership & Campus Life (<https://lcl.okstate.edu/>) is prominently located on the second floor, and dining options have been enhanced and expanded. The Student Services Center in the Union houses the Bursar (<https://bursar.okstate.edu/>), Registrar (<https://registrar.okstate.edu/>), Scholarship and Financial Aid (<https://go.okstate.edu/scholarships-financial-aid/>), University College Advising (<https://universitycollege.okstate.edu/uca/>), Undergraduate Admissions (<https://go.okstate.edu/admissions/>) and New Student Orientation and Enrollment (<https://firstyearsucces.okstate.edu/>) in one convenient location. In 2016, the Student Union's Atherton Hotel (<https://www.athertonhotelatosu.com/>) received a major renovation that enlarged its rooms and upgraded its accommodations.

In 2006, OSU launched its campus Master Plan 2025, calling for more than \$850 million in projects to improve facilities in four areas: academics, student life, infrastructure and athletics. The historic, far-reaching plan continues to transform the OSU campus.

Newest Additions

The Michael and Anne Greenwood School of Music (<https://music.okstate.edu/>) will be a premier music education facility that harnesses the synergy of research, talent and incomparable hands-on learning experiences available only at Oklahoma State University. The building opened in spring 2021, thanks to lead donors Michael and Anne Greenwood. The Greenwood School of Music's proximity to The McKnight

Center for the Performing Arts (<https://mcknightcenter.org/Online/default.asp>) will amplify and leverage opportunities, including master classes for students and faculty to interact with world-class musicians. Music laboratories, classrooms and teaching studios will be equipped with the latest technology for high-level studio production.

The new Ray and Linda Booker OSU Flight Center (<https://news.okstate.edu/articles/education-health-aviation/2020/osu-announces-new-ray-linda-booker-flight-center.html>) is a \$6 million replacement facility that will serve as a premiere resource for students pursuing degrees in aviation education. The 11,600-square-foot facility will include private rooms for individual flight debriefings between students and flight instructors and encourage on-site group instruction and discussions. Additional advances to the student learning experience include space for state-of-the-art simulator technology, dispatch space and student common areas.

The New Frontiers Agricultural Hall (<https://agriculture.okstate.edu/about/new-frontiers/>) is a \$100 million, 183,000 square-foot building that will house the Ferguson College of Agriculture (<https://agriculture.okstate.edu/>). The new home will strengthen OSU Agriculture's research, teaching and extension missions while addressing two key challenges: attracting and retaining scientific leaders and equipping collaborative teams with state-of-the-art laboratory and field facilities. It will redefine what is possible for faculty, students and the industries and communities that depend on their research. It will prioritize experiential teaching, flexible research and a strong sense of community through strategically designed spaces. There will be expanded space and presence for student organizations, including the Student Success Center, which coordinates on-campus career fairs and other activities with more than 60 student organizations. The facility is being created with modern teaching methods in mind, utilizing flexible lab spaces to serve multiple disciplines. It will change and modernize how research is conducted and how scientific subjects are taught. Featuring numerous interactive classrooms to harness students' energy and the excitement of innovation, the New Frontiers Agricultural Hall (<https://agriculture.okstate.edu/about/new-frontiers/>) will be a space that fosters learning and collaboration.

The Roger J. Panciera Education Center is a new \$6 million building at the College of Veterinary Medicine (<https://vetmed.okstate.edu/>). Its designated classroom facilities have elevated the educational experience for students. The addition includes three flexible classrooms and makes room for specialized training in existing instructional space. The new and enhanced teaching facilities support modern teaching methods and cutting-edge technology critical to the successful recruitment and training of students, faculty and staff.

The new Transportation Operation Facility will be a \$16 million replacement facility for the existing facility at northeast corner of Farm Road and Western. The new facility, which will be funded by grants, will be located on Lakeview Road next to the Clean Energy Fuel station. The facility will make it possible to service all OSU vehicles with 12 large services bays, bus and vehicle automatic wash bays, space for fleet vehicle rentals, a fueling station and offices. The project will be bid in the fall of 2021 and completed in the fall of 2022.

Research

As a land-grant university, Oklahoma State is a leader in research of all kinds with the facilities to make that possible. ENDEAVOR (<https://ceat.okstate.edu/endeavor/>) opened in fall 2018. The 72,000-square-foot lab in the College of Engineering, Architecture and Technology (<https://ceat.okstate.edu/>) is the only one of its kind in the U.S. and is dedicated

to immersive undergraduate learning experiences. It's the glass-and-steel embodiment of a new era in undergraduate engineering learning, where walls no longer exist between disciplines, and individual expertise is melded into interdisciplinary teams. Donors paid for more than half of the \$35 million cost to build it, and students changed their fees to ensure it would be staffed, accessible and open for their innovations.

The impressive Henry Bellmon Research Center (<https://universitycollege.okstate.edu/scholars/>) opened in 2010. The \$70 million building, the largest project in the state's Capitol Bond Program, provides state-of-the-art laboratory space for a wide range of disciplines and encourages collaborative research. In spring 2015, OSU opened the Bert Cooper Engineering Laboratory (<https://go.okstate.edu/undergraduate-academics/majors/civil-engineering.html>) for structures and materials engineering with new geothermal systems for energy efficiency.

The grand opening of EXCELSIOR (https://news.okstate.edu/articles/engineering-architecture-technology/2019/ceat_celebrates_grand_opening_of_excelsior.html), an unmanned systems innovation laboratory, was celebrated on Nov. 2, 2019. The new lab houses multidisciplinary research and education programs for the Unmanned Systems Research Institute in the College of Engineering, Architecture and Technology (<https://ceat.okstate.edu/>). The facility offers a recognized emphasis in instruction and research in unmanned aircraft systems and supplies hands-on analysis, design, construction and flight testing of UAS platforms. Students focus on projects that include flight testing and operations. Research opportunities include UAS design, aerodynamics, flight path management and airspace integration, sense and avoid, controls, structures, aeroacoustics, propulsion, communications and operations, and sensors and payloads.

The Boone Pickens School of Geology (<https://geology.okstate.edu/>) dedicated the new Gary F. Stewart Core Research Facility in November 2019. The facility serves as a "one-stop shop" for treatment, storage and analysis of core samples (cylindrical rock samples obtained by drilling), a needed service in the region. The building includes a grinding and polishing lab, thin section preparation, an area designated for coloring, porosity and permeability, significant layout and review space, as well as office space and a conference room. More than a repository, the facility houses active research. It is located in the northwest section of campus, near the corner of McElroy Road and North Willis Street.

Academics

Providing the quality facilities for a foundation of success for our students is an overarching goal at Oklahoma State. From smaller renovations to update buildings to constructing new facilities, academic buildings are well cared for as part of the overall building plan.

The McKnight Center for the Performing Arts is a world-class epicenter for the arts, attracting celebrated national and international programs featuring notable productions and artists. The New York Philharmonic opened the McKnight's 2019-2020 season. The center will allow the university and the center's supporters to express – and be recognized for – their passion for the arts on a global stage. The 93,000-square-foot facility opened in 2019 along the southwest corner of University Avenue and Hester Street, boasting 1100 seats in the Performance Hall and 250 in the Recital Hall. The 1,000-seat outdoor plaza features a massive, high-definition screen that can show events taking place inside the Performing Arts Center or telecasts from around the world.

The Division of Agricultural Sciences and Natural Resource's new Greenhouse Learning Center ([https://agriculture.okstate.edu/departments-programs/hla/student-resources/greenhouse-learning-](https://agriculture.okstate.edu/departments-programs/hla/student-resources/greenhouse-learning-center.html)

[center.html](https://agriculture.okstate.edu/departments-programs/hla/student-resources/greenhouse-learning-center.html)) opened in August of 2019 and serves students in Oklahoma State University's College of Agricultural Sciences and Natural Resources in a new facility that will better prepare them to enter the professional workforce. The Greenhouse Learning Center, a \$6 million facility, will replace and improve functions of OSU's existing teaching greenhouses that have been in use for decades. Greenleaf Nursery, one of North America's largest wholesale nursery growers and long-time partner and supporter of OSU's horticulture programs, has committed \$1 million toward this new project. The Greenhouse Learning Center will feature six greenhouses, including an isolated entomology greenhouse, and head house, which includes a classroom, office space and plant-preparation area, as well as storage space for soil, equipment and chemicals such as fertilizer and pest-management materials. A large foyer will provide space for student club meetings. It also will house cutting-edge irrigation systems, intense climate and humidity control and other technology standard in today's horticulture industry.

The new home for the Spears School of Business (<https://business.okstate.edu/>) on Hester Street opened in spring 2018. The \$72 million building is unique in design and shape, a "Crescent Masterpiece" that brings all of Spears Business together for now and in the future. Spears Business is designed to promote collaboration and hands-on, experiential learning to best prepare graduates for success in the modern workplace.

The north wing of the College of Human Sciences building opened in fall 2016 and houses hotel and restaurant, design and other programs. Also in 2016, OSU opened a new veterinary medicine academic center and the Charles and Linda Cline Equine Teaching Center (<http://afs.okstate.edu/about/facilities/equine/>).

OSU opened several renovated buildings in 2009. Thanks to a gift from the Donald W. Reynolds Foundation, OSU doubled the size of its School of Architecture building. The Psychology Building, built as a women's dormitory in 1933, was renovated to house seven departments from the College of Arts and Sciences. The North Classroom building, funded in part by the state's Higher Education Capital Bond Program, opened on the north side of the Stillwater campus in 2009. The facility offers the latest in teaching technology and features an eco-friendly eatery.

Athletics

One of the most tradition-rich programs in college baseball has a new state-of-the-art home. O'Brate Stadium (<https://okstate.com/sports/2020/1/29/o-brate-stadium.aspx>) was scheduled to hold its first game in March 2020, but the unveiling to Cowboy fans was delayed due to the battle against the coronavirus. The revolutionary facility features an expansive clubhouse and operations center, including a "training triangle" with an indoor facility, pitching lab and practice infield. The ballpark includes 3,500 permanent seats that can be expanded to 8,000 as needed.

The renovation of the west end of Boone Pickens Stadium (https://okstate.com/sports/2015/6/18/GEN_0618155302.aspx) created one of the premier collegiate football facilities in the country. The university also completed several athletic projects north of Boone Pickens Stadium. OSU opened the Sherman E. Smith Training Center (https://okstate.com/sports/2015/3/17/GEN_2014010153.aspx) for indoor training and a new outdoor track in 2013. The Michael and Anne Greenwood Tennis Center (https://okstate.com/sports/2015/3/17/GEN_2014010160.aspx) opened in early 2014. The new tennis center features six indoor and 12 outdoor courts and is one of the leading collegiate tennis facilities in the country.

Gallagher-Iba Arena (https://okstate.com/sports/2015/3/17/GEN_2014010157.aspx) continues to be a staple of athletics at OSU. In 2001, the university constructed the new Athletic Center on the site of Gallagher-Iba. The top of the original building was removed, and the Athletic Center was built completely over and around Gallagher-Iba, expanding its seating to approximately 13,600. Historic Gallagher-Iba continues to exist as the arena within the Athletic Center.

Women's Soccer has a new home. In 2018, the Cowgirls played their first season in Neal Patterson Stadium (https://okstate.com/sports/2015/3/17/GEN_2014010156.aspx). The \$20-million project is a showcase for college soccer with club seats, plaza and upper bowl gathering areas and a north end zone terrace area and seating designed specifically for OSU students. Team facilities include locker rooms, meeting areas, kitchen facilities, sports medicine areas and equipment rooms.

After undergoing extensive upgrades, the OSU Cross Country Course (https://okstate.com/sports/2015/3/17/GEN_2014010115.aspx) opened in its current form in 2019, when OSU hosted the NCAA Midwest Regional Championship. The course was on full display when it hosted the 2020 NCAA Cross Country Championships. It is scheduled to host the national championships again in 2022.

Karsten Creek (https://okstate.com/sports/2015/3/17/GEN_2014010154.aspx) has been consistently ranked as one of the best college golf courses in the country and has hosted multiple NCAA events, including two national championship tournaments. Karsten Creek once again played host to the nation's best with the NCAA Division I Men's and Women's Golf Championships in 2018.

Life

At OSU, we also have an eye on comfortable and convenient living, ranging from residence halls and transportation to incorporating art into the campus. The university has been on the forefront of replacing outdated residential halls with apartments and suite-style accommodations for nearly two decades. Multiple upgrades have opened, giving on-campus students new opportunities for better living and community within the halls.

The University Commons (<https://offcampushousing.okstate.edu/property/view/listingid/311274/>), a traditional-style residence hall, opened for the fall 2015 semester. Located north of the Colvin Center on Hall of Fame Avenue, the facility was enhanced a year later with the nearby North Dining Facility, which features seven distinctive dining choices that offer a focus on healthy, fresh options.

Parking and Transportation (<https://parking.okstate.edu/>) have also seen significant changes in recent years. The Multimodal Transportation Terminal and 1,100-space Monroe Street Garage opened in the fall of 2009. The facilities provide a central point of contact for the various modes of transportation serving OSU-Stillwater and its branch campuses, as well as the community and surrounding areas. OSU has added two more multilevel parking garages — the Wentz Lane Garage opened on the southwest corner of campus in the spring of 2013, and the Fourth Avenue Garage opened in fall of 2016 adjacent to the McKnight Center for the Performing Arts. OSU has expanded campus bus service for both the Stillwater community and the OSU-Stillwater campus. To reduce energy costs and emissions, OSU converted its entire fleet of campus buses to compressed natural gas in 2010.

From stunning sculptures enlivening the Stillwater campus of Oklahoma State University to striking landscaping designed to

welcome one and all, art is taking its place in the public realm — some of it in America's Brightest Orange. The university has seen the installation of pieces from renowned sculptor Allan Houser (<https://news.okstate.edu/articles/communications/2018/allan-houser-sculpture-gift-elevates-osus-public-art-initiative.html>); yearlong exhibitions by Bill Barrett (<https://news.okstate.edu/articles/communications/2019/mcknight-center-statue-dedication-ceremony-set-for-friday.html>); the commemoration of Nancy Randolph Davis (https://news.okstate.edu/articles/communications/2019/osu_honors_civil_rights_pioneer_nancy_randolph_davis.html), the first African-American to attend the university when it was Oklahoma A&M College; and many more. The sculptures co-exist with the brick-and-mortar architectural landscape and integrate art into everyday life. OSU opened its Postal Plaza Gallery in 2014 as the home of the OSU Museum of Art (<https://museum.okstate.edu/>), showcasing the university's extensive art collection and strengthening its connection to downtown Stillwater.

Infrastructure

OSU completed work on a state-of-the-art Central Plant to replace its inefficient 1940s power plant. The facility will reduce OSU's environmental footprint, save energy costs and feature an 80-person classroom.

The first phase of a campus wide electrical upgrade project across campus has also been completed. The upgrade replaced aged underground piping and cabling that served many buildings' electrical power. In addition to the underground infrastructure, Facilities Management (<https://fm.okstate.edu/>) is also nearing the completion of a new power distribution center, otherwise known as the PDC. The PDC acts as an indoor switching station between two OG&E substations, that allows power to be distributed throughout campus. These infrastructure projects provide more capacity, offer better resiliency, and renew the life of the electrical system serving campus for decades to come.

OSU is a leader in network computing resources. The university has applied the student technology fee in concert with other resources to create a second-to-none networking system on campus that includes maintenance of large-scale computer laboratories, high-speed inter-laboratory connectivity and a virtually seamless interface to the internet across campus.

Improvements continue in the university's outdoor spaces as well, and a landscape architectural master plan (https://fm.okstate.edu/about-us/landscape/landscape_site_files/documents/osu_landscape_master_plan_2012.pdf) developed in 2010 is guiding those efforts. Major east-west streets Hall of Fame Avenue and University Avenue have been greatly updated, and the university has completed a total redesign and reconstruction of Monroe Street, which runs north-south through the heart of the campus. A series of landscape projects near student residential facilities have occurred in recent years. In the summer of 2005, the Edmon Low Library plaza was restored by installing a new surface on the main upper plaza and the lower area. Completed in 2013, Legacy Walk provides a scenic pedestrian thoroughfare in front of the library, connecting to Hester and Monroe streets. In the fall of 2016, OSU unveiled an impressive Welcome Plaza (<https://news.okstate.edu/articles/communications/2018/osu-wins-keep-oklahoma-beautiful-award-welcome-plaza.html>) outside the southeast corner of the Student Union. The plaza is an inviting garden area featuring statues of a galloping mare and her foal.

Other facilities of note

Lake Carl Blackwell (<https://lake.okstate.edu/>), located eight miles west of Stillwater, is owned by OSU. The area includes approximately 3,350 acres bordering the 3,000-acre lake that provides the water supply for OSU. It is also used for research activities in addition to being a popular regional recreational area.