## $\xrightarrow[\text { OKLAHOMA }]{\substack{\text { OHVERSY }}}$

2011-2012

## UNDERGRADUATE PROGRAMS AND REQUIREMENTS

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OKLAHOMA STATE UNIVERSITY

## 2011-2012 Undergraduate Programs and Requirements

## Contents

## UN-1 - Additional Opportunities

Honors College Awards and Honors College Degree
Pre-Law, Pre-Medicine and Other Pre-Professional Programs
Minors and Certificates
Second Baccalaureate Degree
Second Major
The programs listed appear in the following order:

```
College
    Degree
    Page # - Major
        or
    Page # - Major - Option
```


## University

Bachelor of University Studies
UN-2 - University Studies
UN-3 - University Studies - Multidisciplinary Studies

## College of Agricultural Sciences and Natural Resources

Bachelor of Landscape Architecture
AG-1 - Landscape Architecture
Bachelor of Science in Agricultural Sciences and Natural Resources
AG-2 - Agribusiness
AG-3 - Agribusiness - Crop and Soil Sciences
AG-4 - Agribusiness - Farm and Ranch Management
AG-5 - Agribusiness - Finance
AG-6 - Agribusiness - Management
AG-7 - Agribusiness - Marketing
AG-8 - Agribusiness - Pre-Law
AG-9 - Agribusiness - Pre-Veterinary Business Management
AG-10 - Agricultural Communications
AG-11 - Agricultural Communications - Animal Science Double Major
AG-12 - Agricultural Economics
AG-13 - Agricultural Economics - Accounting Double Major
AG-14 - Agricultural Economics - International Agricultural Marketing
AG-15 - Agricultural Education - Horticulture Double Major
AG-16 - Agricultural Education - Teaching
AG-17 - Agricultural Leadership
AG-18 - Animal Science - Agricultural Communications Double Major
AG-19 - Animal Science - Agricultural Education Double Major
AG-20 - Animal Science - Animal Biotechnology
AG-21 - Animal Science - Business
AG-22 - Animal Science - International
AG-23 - Animal Science - Livestock Merchandising
AG-24 - Animal Science - Pre-Veterinary Animal Science
AG-25 - Animal Science - Production
AG-26 - Animal Science - Ranch Operations
AG-27 - Biochemistry and Molecular Biology
AG-28 - Biochemistry and Molecular Biology -
Pre-Medical or Pre-Veterinary Science
AG-29 - Entomology - Bioforensics, Pre-Veterinary and Pre-Medical Sciences
AG-30 - Entomology - Insect Biology and Ecology
AG-31 - Environmental Science - Environmental Policy
AG-32 - Environmental Science - Natural Resources
AG-33 - Environmental Science - Water Resources
AG-34 - Food Science - Industry
AG-35 - Food Science - Science
AG-36 - Horticulture - Horticultural Business
AG-37 - Horticulture - Horticultural Science
AG-38 - Horticulture - Public Horticulture

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AG-39 - Horticulture - Turf Management
AG-40 - Landscape Contracting
AG-41 - Natural Resource Ecology and Management -
    Fire Ecology and Management
AG-42 - Natural Resource Ecology and Management -
        Fisheries and Aquatic Ecology
AG-43 - Natural Resource Ecology and Management -
        Rangeland Ecology and Management
AG-44 - Natural Resource Ecology and Management -
        Wildlife Ecology and Management
AG-45 - Plant and Soil Sciences - Agribusiness
AG-46 - Plant and Soil Sciences - Bioenergy Production
AG-47 - Plant and Soil Sciences - Forage and Livestock Production
AG-48 - Plant and Soil Sciences - Plant Biotechnology
AG-49 - Plant and Soil Sciences - Plant Science
AG-50 - Plant and Soil Sciences - Soil Geotechnology
AG-51 - Plant and Soil Sciences - Soil and Water Resources
```


## College of Arts and Sciences

## Bachelor of Arts

AS-1 - American Studies
AS-2 - Art - Art History
AS-3 - Art - Studio Art
AS-4 - Economics - General
AS-4 - Economics - International Economic Relations
AS-5 - English
AS-6 - English - Creative Writing
AS-7 - English - Screen Studies
AS-8 - English - Professional Writing
AS-9 - French
AS-10 - Geography
AS-11 - German
AS-12 - History
AS-13 - Liberal Studies
AS-14 - Mathematics
AS-15 - Multimedia Journalism
AS-16 - Music
AS-17 - Philosophy
AS-18 - Political Science
Pre-Professional preparation - any degree program may be appropriate, see advisor - Law, Medicine, Veterinary Medicine
AS-19 - Psychology
AS-20 - Russian Language and Literature
AS-21 - Sociology
AS-22 - Sociology - Anthropology
AS-23 - Sociology - Applied Sociology
AS-24 - Spanish
AS-25 - Sports Media
AS-26 - Strategic Communication
AS-27 - Theatre
Bachelor of Fine Arts
AS-28 - Art - Graphic Design
AS-29 - Art - Studio
Bachelor of Music
AS-30 - Music - Elective Studies in Business
AS-31 - Music - Performance
AS-32 - Music Education - Instumental/Vocal Certification

## Bachelor of Science

AS-33 - Biochemistry
AS-34 - Biological Science
AS-35 - Botany
AS-36 - Chemistry - ACS Approved
AS-37 - Chemistry - Departmental Degree
AS-38 - Communication Sciences and Disorders
AS-39 - Computer Science
AS-40 - Economics
AS-41 - Geography
AS-42 - Geology
AS-43 - Liberal Studies
AS-44 - Mathematics
AS-45 - Microbiology/Cell and Molecular Biology - Biomedical Science
AS-46 - Microbiology/Cell and Molecular Biology - Clinical Laboratory Science
AS-47 - Microbiology/Cell and Molecular Biology -
Microbial Ecology/Environmental
AS-48 - Microbiology/Cell and Molecular Biology - Microbial Pathogenesis
AS-49 - Microbiology/Cell and Molecular Biology - Molecular Genetics
AS-50 - Multimedia Journalism
AS-51 - Physics
AS-52 - Physics - Applied Physics
AS-53 - Physiology
AS-54 - Political Science
Pre-Professional preparation - any degree program may be appropriate, see advisor - Law, Medicine, Veterinary Medicine

AS-55 - Psychology
AS-56 - Sociology
AS-57 - Sociology - Anthropology
AS-58 - Sociology - Applied Sociology
AS-59 - Sports Media
AS-60 - Statistics
AS-61 - Strategic Communication
AS-62 - Zoology

## College of Education

Bachelor of Science
ED-1 - Athletic Training - Clinical
ED-2 - Athletic Training - Pre-Professional
ED-3 - Education - Non-Certification
ED-4 - Health Education and Promotion - Community Health Education
ED-5 - Health Education and Promotion - Exercise and Health
ED-6 - Leisure Studies - Leisure Service Management
ED-7 - Leisure Studies - Therapeutic Recreation
ED-8 - Physical Education - Teacher Education
ED-9 - Aerospace Administration and Operations - Aerospace Logistics
ED-10 - Aerospace Administration and Operations - Aviation Management
ED-11 - Aerospace Administration and Operations - Aerospace Security
ED-12 - Aerospace Administration and Operations - Professional Pilot
ED-13 - Aerospace Administration and Operations Technical Services Management
ED-14 - Career and Technical Education Business and Information Technology Education
ED-15 - Career and Technical Education - Health Occupations Education
ED-16 - Career and Technical Education - Marketing Education
ED-17 - Career and Technical Education - Certification
ED-18 - Career and Technical Education - Non-Certification
ED-19 - Career and Technical Education - Technology Education
ED-20 - Elementary Education
ED-21 - Secondary Education - English
ED-22 - Secondary Education - Foreign Language
ED-23 - Secondary Education - Mathematics
ED-24 - Secondary Education - Science
ED-25 - Secondary Education - Social Studies

## College of Engineering, Architecture and Technology

```
Bachelor of Science in Aerospace Engineering
EN-1 - Aerospace Engineering
Bachelor of Science in Biosystems Engineering
EN-2 - Biosystems Engineering-Biomechanical
EN-3 - Biosystems Engineering - Bioprocessing and Biotechnology
EN-4 - Biosystems Engineering - Environment and Natural Resources
EN-5 - Biosystems Engineering - Food Processing
Bachelor of Science in Chemical Engineering
EN-6 - Chemical Engineering
EN-7 - Chemical Engineering-Biomedical/Biochemical
EN-8 - Chemical Engineering-Environmental
EN-9 - Chemical Engineering - Pre-Medical
Bachelor of Science in Civil Engineering
EN-10 - Civil Engineering
EN-11 - Civil Engineering - Environmental
Bachelor of Science in Computer Engineering
EN-12 - Computer Engineering
Bachelor of Science in Electrical Engineering
EN-13 - Electrical Engineering
Bachelor of Science in Industrial Engineering and Management
EN-14 - Industrial Engineering and Management
Bachelor of Science in Mechanical Engineering
EN-15 - Mechanical Engineering
EN-16 - Mechanical Engineering - Pre-Medical
Bachelor of Architecture
EN-17 - Architecture
Bachelor of Architectural Engineering
EN-18 - Architectural Engineering-Structures
Bachelor of Science in Engineering Technology
EN-19 - Construction Management Technology - Building
EN-20 - Construction Management Technology - Heavy
EN-21 - Electrical Engineering Technology
EN-22 - Electrical Engineering Technology - Computer
EN-23 - Electrical Engineering Technology - Telecommunications
EN-24 - Fire Protection and Safety Technology
EN-25 - Mechanical Engineering Technology
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## College of Human Environmental Sciences

Bachelor of Science in Human Environmental Sciences
HES-1 - Design, Housing and Merchandising - Apparel Design and Production
HES-2 - Design, Housing and Merchandising - Interior Design
HES-3 - Design, Housing and Merchandising - Merchandising
HES-4 - Hotel and Restaurant Administration
HES-5 - Human Development and Family Science - Child and Family Services
HES-6 - Human Development and Family Science - Early Childhood Education
HES-7 - Human Development and Family Science -
Family and Consumer Sciences Education
HES-8 - Human Development and Family Science - Gerontology
HES-9 - Nutritional Sciences - Allied Health
HES-10 - Nutritional Sciences - Community Nutrition
HES-11 - Nutritional Sciences - Dietetics
HES-12 - Nutritional Sciences - Dietetics and Exercise
HES-13 - Nutritional Sciences - Human Nutrition/Pre-Medical Sciences
HES-14 - Nutritional Sciences - Nutrition and Exercise

## Spears School of Business

Bachelor of Science in Business Administration<br>BUS-1 - Accounting<br>BUS-2 - Economics<br>BUS-3 - Economics - Business Economics and Quantitative Studies<br>BUS-4 - Economics - Pre-Law<br>BUS-5 - Entrepreneurship<br>BUS-6 - Finance - Two Options<br>BUS-7 - General Business<br>BUS-8 - General Business - Pre-Law<br>BUS-9 - International Business<br>BUS-10 - Management<br>BUS-11 - Management - Human Resource Management<br>BUS-12 - Management - Sports Management<br>BUS-13 - Management Information Systems<br>BUS-14 - Management Information Systems - Information Assurance<br>BUS-15 - Management Information Systems -<br>Management Science and Computer Systems<br>BUS-16 - Marketing

## Requirements for Minors and Certificates

MNR-1 - College of Agricultural Sciences and Natural Resources
MNR-2 - College of Arts and Sciences
MNR-4 - College of Education
MNR-5 - College of Engineering, Architecture and Technology
MNR-5 - College of Human Environmental Sciences
MNR-6 - Spears School of Business
CERT-1 - Undergraduate Certificate / Certificate

## Additional Opportunities

## The Honors College Awards and The Honors College Degree

The Honors College allows outstanding undergraduate students to earn the General Honors Award and the Departmental or College Honors Award in their majors. Students earning a minimum of 39 honors credit hours with grades of "A" or "B", completing both awards and graduating with cumulative and OSU grade-point averages of 3.50 or higher, earn The Honors College Degree (the highest honor conferred with the undergraduate degree at OSU) and receive a special honors diploma. Students may earn an international study emphasis by completing study outside the United States. Honors sections of many general education courses, interdisciplinary honors courses, and special honors seminars allow The Honors College students the advantages of small classes that encourage active interaction with outstanding professors. Students who are active participants in The Honors College also have access to The Honors College Lounge in the Library with its computer facility, priority enrollment for the following semester, and optional honors housing. For more information, contact the director of The Honors College.

## Pre-Law, Pre-Medicine and Other Pre-Professional Programs

Students planning to enter a professional school should visit with their advisers and consult professional school admission and course work requirements listed in the specific school catalog. Many professional schools select students with a variety of bachelor's degrees, although most require a minimum basic core curriculum. Preprofessional program information is available in such areas as law, medicine, dental hygiene, dentistry, nursing, occupational therapy, optometry, osteopathy, pharmacy, physical therapy, physician's associate, radiologic technology, social work, veterinary medicine, etc. For more information contact your adviser or the director of student academic services in your college or the Center for Prehealth Professions in the College of Arts and Sciences.

## Minors and Certificates

A student who wishes to gain educational expertise in diverse areas may choose a minor or certificate. Minors or certificates are collections of courses (10-29 credit hours) focused on a particular subject area outside the student's degree program. Minors and certificates are noted on the transcript. A list of the requirements of current minors and certificates is available in the back of this book or online at registrar.okstate.edu.

## Second Baccalaureate Degree

A student who completed a baccalaureate degree may use all applicable courses toward a second bachelor's degree and receive a second diploma. A minimum of 30 semester credit hours of additional work, including all requirements of the second bachelor's degree, is required. For more information, see Academic Regulation 3.10 in the OSU Catalog, contact an adviser or the director of student academic services.

## Second Major

If a student majoring in one field also completes the requirements for a major in another field, the additional major will be noted on the student's transcript when the student graduates. Only the first major, however, is noted on the OSU diploma. The second major does not necessarily require hours above the minimum required for the first major, but may depend upon the use of electives or overlap between the two fields. For more information, contact an adviser, the director of student academic services, or the appropriate department.

Minimum overall grade-point average / 2.00 (cumulative graduation/retention GPA)
Other GPA requirements see below.

## Total Hours / 120*

## PURPOSE

Individualization and flexibility are features of the program leading to the degree of Bachelor of University Studies. The program is designed for goal-directed, motivated, and mature students who find that the present degree programs (majors) at the University will not enable them to attain their educational objectives. The Bachelor of University Studies degree program allows a student to use the total resources of the University available to accomplish unique educational objectives. The program may or may not prepare a student for a particular occupation or for entry into a professional school.

## DEGREE REQUIREMENTS

1. All students who intend to present a program for the University Studies degree should be enrolled in one of the colleges of the University or the Office of University Academic Services.
2. The study plan must include no fewer than 50 upper-division semester credit hours which are selected from two or more disciplines and which in their aggregate comprise a rational combination of concepts and skills.
3. The study plan must fulfill all general education requirements of the University (English composition, American history, American government, analytical \& quantitative thought, humanities, natural sciences, social \& behavioral sciences, international dimension, scientific investigation, and diversity courses). Additional general education courses may be required by the college in which the degree is granted.
4. A minimum of 120 semester credit hours shall be required for granting the degree.

## PROCEDURE

Students who believe their educational objectives can best be fulfilled through a Bachelor of University Studies degree program will be responsible for complying with the following procedures:

1. Obtain the declaration of major form for the Bachelor of University Studies from the Office of Director of Student Academic Services in the college that will grant the degree, the Office of University Academic Services, or Advising Center at OSU-Tulsa.
2. Complete the form with help of an adviser and submit it along with copies of the student's transcript(s) to the office of the dean of the college from which the degree is to be awarded.
3. The dean or a designated administrative officer of the college will schedule an interview with the student to determine whether the student's educational objectives can best be met through a Bachelor of University Studies degree program or through one of the departmental degree programs.
4. If it is determined that the student's education objectives can be met best by the Bachelor of University Studies degree program, the student will work with an adviser to identify an advisory body of at least two departmental representatives (faculty members or advisers).
5. The student will obtain signatures from the departmental representatives showing approval of the major.
6. The student will submit the completed application to the office of the dean. The dean or designated college official will review the application and determine if the request complies with requirements of the Bachelor of University Studies degree. If the application is approved by the dean, it will be forwarded to the Office of the Vice President for Academic Affairs.
7. Copies of applications approved or denied by the Office of Vice President for Academic Affairs will be sent to the student and the dean. Approved applications will also be sent to the Office of the Registrar, where they will be used for checking graduation requirements.
8. Any necessary changes in the approved program should be requested by the student through the student's adviser and dean.
9. The student will be responsible for fulfilling the approved graduation requirements for the degree and should submit a diploma application at the time of enrollment for final semester of course work.
*60 hours must be completed at a four-year institution.

Students will be held responsible for degree requirements in effect at the time of matriculation and any changes that are made, so long as these changes do not result in semester credit hours being added or do not delay graduation.

# MAJOR: University Studies OPTION: Multidisciplinary Studies 

Minimum overall grade-point average: 2.00 Total Hours: 120*
(cumulative graduation/retention GPA)
Other GPA requirements see below.

## PURPOSE

The bachelor's degree in multidisciplinary studies is a four-year degree plan for students who find that current University degree programs will not allow them to meet their educational objectives and who wish to tailor course choices to meet individual goals. The program allows students to prepare for professional careers that require extensive knowledge in a broad array of subjects. The multidisciplinary program allows students to focus on two or three areas of study that are selected by the student.

## DEGREE REQUIREMENTS

1. The student must complete 120 semester hours of which at least 45 hours must be upper-division*. At least 27 hours in the areas of concentration must be upper-division.
2. The major requires two or three areas of concentration. If the student selects two areas of concentration, each area will include at least 27 hours of coursework; for three areas of concentration, each area will include at least 18 hours of coursework. Areas of concentration may include coursework from the requirements for a minor or certificate or a group of related courses approved by a departmental representative (faculty member or adviser). A course may not be used to fulfill the requirements of more than one area of concentration. The remaining course work, to total 120 hours, may be selected from different disciplines.
3. A study may use 18 hours of 'major' courses from an AA, AS or AAS degree to fulfill one of three areas of concentration. The other two areas of concentration will include at least 27 hours of upper-division course work.
4. All students who intend to present a program for multidisciplinary studies must enroll in one of the colleges of the University (select one of the colleges responsible for an area of concentration).
5. The study plan must meet all General Education requirements of the University and the college of enrollment.
6. A multidisciplinary studies faculty advisory committee will oversee program quality and conduct an annual curriculum review.

| AREAS OF Concentration |  |
| ---: | ---: |
| Concentration 1 | 27 hours |
| Concentration 2 | 27 hours |
| OR |  |
| Concentration 1 | 18 hours |
| Concentration 2 | 18 hours |
| Concentration 3 | 18 hours |

## Procedure

Students who believe their educational objectives can best be fulfilled through a multidisciplinary studies program will be responsible for complying with the following procedures:

1. Obtain the multidisciplinary studies form from the director of student academic services in the college of enrollment, University Academic Services or the Advising Center at OSU-Tulsa. The form will list the General Education requirements for the college.
2. Meet with an adviser to determine the student's educational objectives and the two or three areas of concentration.
3. Obtain approval from a departmental representative (faculty member or adviser) if the area of concentration does not represent a minor or certificate.
4. Submit the completed form to the office of the dean in the college of enrollment for approval. The form will be forwarded to the Office of the Provost.
5. Fulfill the approved graduation requirement for the degree and apply for graduation before the final semester of course work.
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## Alphabetical List of Majors and Options

Use the bookmark list to the left to locate the majors and options in alphabetical order.

# College of Agricultural Sciences and Natural Resources 

## Bachelor of Landscape Architecture <br> AG-1 - Landscape Architecture

Bachelor of Science in Agricultural Sciences and Natural Resources
AG-2 - Agribusiness
AG-3 - Agribusiness - Agricultural Communications Double Major
AG-4 - Agribusiness - Crop and Soil Sciences
AG-5 - Agribusiness - Farm and Ranch Management
AG-6 - Agribusiness - Finance
AG-7 - Agribusiness - Management
AG-8 - Agribusiness - Marketing
AG-9 - Agribusiness - Pre-Law
AG-10 - Agribusiness - Pre-Veterinary Business Management
AG-11 - Agricultural Communications
AG-12 - Agricultural Communications - Agribusiness Double Major
AG-13 - Agricultural Communications - Animal Science Double Major
AG-14 - Agricultural Economics
AG-15 - Agricultural Economics - Accounting Double Major
AG-16 - Agricultural Economics - International Agricultural Marketing
AG-17 - Agricultural Education - Horticulture Double Major
AG-18 - Agricultural Education - Teaching
AG-19 - Agricultural Leadership
AG-20 - Agricultural Leadership - Extension Education
AG-21 - Agricultural Leadership - International Studies
AG-22 - Animal Science - Agricultural Communications Double Major
AG-23 - Animal Science - Agricultural Education Double Major
AG-24 - Animal Science - Animal Biotechnology
AG-25 - Animal Science - Business
AG-26 - Animal Science - International
AG-27 - Animal Science - Livestock Merchandising
AG-28 - Animal Science - Pre-Veterinary Animal Science
AG-29 - Animal Science - Production
AG-30 - Animal Science - Ranch Operations
AG-31 - Biochemistry and Molecular Biology
AG-32 - Biochemistry and Molecular Biology - Pre-Medical or Pre-Veterinary Science
AG-33 - Entomology - Bioforensics, Pre-Veterinary and Pre-Medical Science
AG-34 - Entomology - Insect Biology and Ecology
AG-35 - Environmental Science - Environmental Policy
AG-36 - Environmental Science - Natural Resources
AG-37 - Environmental Science - Water Resources
AG-38 - Food Science - Industry
AG-39 - Food Science - Meast Science
AG-40 - Food Science - Science
AG-41 - Horticulture - Horticultural Business
AG-42 - Horticulture - Horticultural Science
AG-43 - Horticulture - Public Horticulture
AG-44 - Horticulture - Turf Management
AG-45 - Landscape Contracting
AG-46 - Natural Resource Ecology and Management - Fire Ecology and Management
AG-47 - Natural Resource Ecology and Management - Fisheries and Aquatic Ecology
AG-48 - Natural Resource Ecology and Management - Forest Ecology and Management
AG-49 - Natural Resource Ecology and Management - Natural History and Conservation
AG-50 - Natural Resource Ecology and Management - Rangeland Ecology and Management
AG-51 - Natural Resource Ecology and Management - Wildlife Biology and Preveterinary Science
AG-52 - Natural Resource Ecology and Management - Wildlife Ecology and Management
AG-53 - Plant and Soil Sciences - Agribusiness
AG-54 - Plant and Soil Sciences - Bioenergy Production
AG-55 - Plant and Soil Sciences - Forage and Livestock Production
AG-56 - Plant and Soil Sciences - Plant Biotechnology
AG-57 - Plant and Soil Sciences - Plant Science
AG-58 - Plant and Soil Sciences - Soil Geotechnology
AG-59 - Plant and Soil Sciences - Soil and Water Resources

# College of Agricultural Sciences and Natural Resources 

$\overline{\text { Name }} \overline{\text { CWID }} \overline{\text { Date Checked }}$

Date of graduation $\qquad$ Total hours completed $\qquad$

Hours this semester $\qquad$ Hours next semester $\qquad$

Total hours at junior college used to meet graduation requirements $\qquad$

Upper division hours completed $\qquad$

Total upper division hours at graduation $\qquad$

Total hours at graduation $\qquad$

The student named above will have completed requirements for the degree and option as listed on this sheet with the following recommended deviations and the completion of the courses in which he/she is currently enrolled and those in which he/she is pre-enrolled for the semester he/she is to graduate.

## Substitutions:

(1)
(3)
(4)
(5)
(6)

Waives:
(1)
(2)

NOTE: See Academic Regulations 3.7 and 3.8 in the University Catalog for course substitutions and waive regulations.

APPROVED
$\qquad$ Adviser
$\qquad$
$\qquad$

COLLEGE OF AGRICULTURAL SCIENCES \& NATURAL RESOURCES

# General Requirements for Students Matriculating in Academic Year 2011-2012 <br> BACHELOR of LANDSCAPE ARCHITECTURE <br> MAJOR: Landscape Architecture <br> Minimum Overall Grade Point Average: 2.00 <br> (cumulative graduation/retention GPA) <br> Other GPA requirements, see below. <br> <br> Total Hours: 150 

 <br> <br> Total Hours: 150}

General Education Requirements: 39 Hours

| Area | Hours | To be selected from: |
| :--- | :---: | :--- |
|  <br> Oral Communication | 6 | ENGL 1113 or 1313; \& 1213 or 1413 or <br> 3323. (See Academic Regulation 3.5 in Catalog) <br> (If ENGL 3323 is taken in place of ENGL 1213, <br> hours in this block are 6.) |
| American History \& Government | 6 | HIST 1103; POLS 1113 |
| Analytical \& Quantitative Thought <br> (A) | 6 | MATH 1483* or 1513* \& 1613* or 1715* or <br> STAT 2023* |
| Humanities (H) | 6 | Any lower division course designated (H); <br> and LA 3673 |
| Natural Sciences (N) | 8 | BIOL 1114* (or BOT 1404*) <br> CHEM 1215* (or 1314*) |
| Social \& Behavioral Sciences (S) | 7 | AGEC 1114*; SPCH 2713 |
| Diversity (D) | -- | Any course designated (D). |
| International Dimension (I) | -- | Any course designated (I). |
| Scientific Investigation (L) | -- | Any course designated (L). |

*College \& Departmental requirements that may be used to meet GE requirements.

College/Departmental Requirements: 23 Hours

| Agricultural Sciences and <br> Natural Resources | 5 | AG 1011; SOIL 2124 |
| :--- | :---: | :--- |
| Business Courses | 3 | ACCT 2103 (EEE 3023 or FIN 2123 or LSB <br> 3213 or MKTG 3213) |
| Communications Courses | 3 | 3 hours from BCOM 3113, 3223; or <br> ENGL 3323 <br> (If ENGL 3323 is substituted for ENGL 1213 <br> above, then hours in this area are zero) |
| Graphic Communications Skills | 12 | ART 1103 (or GENT 1153 or ARCH 1216); <br> LA 2213, 2223, 2323 |

## Major Requirements: 85 Hours

## Core Courses 69 Hours

Surveying / 3 hrs / MCAG 2313
Construction / 12 hrs / LA 3884, 3894, 4894
Planning / 12 hrs / LA 4433, 4573, 4583, 4990 (3)
Design / 28 hrs / LA 3314, 3324, 4034, 4414, 4424, 4514, 4524
Plant Material / 3 hrs / HORT 2613
Introduction to LA / 3 hrs / LA 1013
Professional Practice / 6 hrs / LA 3112, 3682, 4112
Internship / 2 hrs / LA 3010

Choose 16 hours from one of the following areas of emphasis:
These courses may apply to any area: LA 2513, 3010, 4053, 4063, 4990, 5110
Courses listed or other courses approved by Program Director
Design
ARCH 1112, 1216, 2003, 2116, 2216, 2263, 4193, 5193, 5373
ART 1113, 1203, 1303, 1603, 2003, 2113, 2213, 3110
DHM 1123, 3233, 3353, 4143, 4573

Environmental Planning
AGEC 3503 HIST 3463, 4063, 4503, 4523
BOT 3253
ENVR 1113, 4813
GEOG 1113, 1114, 2253, 2343, 3123,
3153, 3173, 3703, 3743, 3753, 4113,
4123, 4143, 4153, 4333, 4343
LEIS 4473
MMJ 3823, 3913
POLS 4363, 4593
SOC 3423, 4433
NREM 4403, 4303, 4363, 4393

GEOL 1114, 3073

## Horticulture

HORT 1013, 2513, 3013, 3153, 3513, 3612, 4453, 4543, 4713, 4990
Other studies: Requires study plan approved by adviser, program director, and department head.

## Other Requirements:

A minimum of 40 semester credit hours and 100 grade points must be earned in courses numbered 3000 or above. A 2.00 GPA or higher in upper-division hours. Students will be held responsible for degree requirements in effect at the time of matriculation and any changes that are made so long as these changes do not result in semester credit hours being added or do not delay graduation.

Signature on file in the Office of the Registrar

DEPARTMENT HEAD

General Requirements for Students Matriculating in Academic Year 2011-2012
BACHELOR of SCIENCE in AGRICULTURAL SCIENCES and NATURAL RESOURCES
MAJOR: Agribusiness
Minimum Overall Grade Point Average: 2.00
Total Hours: 120
(cumulative graduation/retention GPA)
Other GPA requirements, see below.

| GENERAL EDUCATION REQUIREMENTS: 42 HoURS |  |  |
| :--- | :---: | :--- |
| Area | Hours | To be selected from: |
|  <br> Oral Communication | 6 | ENGL 1113 or 1313; \& 1213 or 1413 or <br> $3323 . ~(S e e ~ A c a d e m i c ~ R e g u l a t i o n ~ 3.5 ~ i n ~ C a t a l o g) ~$ |
| American History \& Government | 6 | HIST 1103 or 1483 or 1493; POLS 1113 |$|$| Analytical \& Quantitative Thought |
| :--- |
| (A) |

College/Departmental Requirements: 10 Hours
$\left.\begin{array}{|l|c|l|}\hline \begin{array}{l}\text { Agricultural Sciences and } \\ \text { Natural Resources }\end{array} & 7 & \begin{array}{l}\text { AG 1011; } \\ \text { from two of the following groups, select one } \\ \text { course: } \\ \text { 1. PLNT 1213, HORT 1013, NREM 1113, 3343 } \\ \text { 2. SOLL 2124 }\end{array} \\ \text { 3. ANSI 1124, FDSC 1133, ENTO 2993, 3003 } \\ \text { 4. NREM 1014, 2013, ENVR 1113, } \\ \text { BIOC 2344, LA 1013 }\end{array}\right]$

## Major Requirements: 61 Hours

Core Courses 37 Hours
ACCT 2103, 2203

AGEC 3101, 3213, 3333, 3423, 3603, 3713 (or LSB 3213)

ECON 2203, 3113 (or 3023), 3123 (or 3313)

6 hours from:
AGEC 3323, BCOM, SPCH, foreign language courses, or written communication courses not used elsewhere.

## Related Courses 24 Hours

9 hours from: AGEC 4213, 4333, 4343, 4403, 4423, 4503, 4513, 4703, 4723, 4803

15 hours with at least 9 hours upper division from CASNR or SSB courses not used elsewhere.

## Electives: 7 Hours

## Other Requirements:

Exit interview with Head of Department of Agricultural Economics. A minimum of 40 semester credit hours and 100 grade points must be earned in courses numbered 3000 or above. A 2.00 GPA or higher in upper-division hours. No more than 60 hours may be transferred from a two-year program.

Students will be held responsible for degree requirements in effect at the time of matriculation and any changes that are made, so long as these changes do not result in semester credit hours being added or do not delay graduation.

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BACHELOR of SCIENCE in AGRICULTURAL SCIENCES and NATURAL RESOURCES
MAJOR: Agribusiness OPTION: Agricultural Communications Double Major
Minimum Overall Grade Point Average: 2.00
Total Hours: 128
(cumulative graduation/retention GPA)
Other GPA requirements, see below.

| GENERAL EDUCATION REQUIREMENTS: 39 Hours |  |  |
| :---: | :---: | :---: |
| Area | Hours | To be selected from: |
| English Composition \& Oral Communication | 6 | ENGL 1113 or 1313; \& 1213 or 1413 or <br> 3323. (See Academic Regulation 3.5 in Catalog) |
| American History \& Government | 6 | HIST 1103 or 1483 or 1493; POLS 1113 |
| Analytical \& Quantitative Thought (A) | 6 | MATH 1483* or 1513*; STAT 2023* |
| Humanities (H) | 6 | Any courses designated (H); must include one lower-division course |
| Natural Sciences (N) | 8 | BIOL 1114*; CHEM 1014 or 1215* |
| Social \& Behavioral Sciences (S) | 7 | AGEC 1114*; SPCH 2713* |
| Diversity (D) | -- | Any course designated (D). |
| International Dimension (I) | -- | AGEC 4343 |
| Scientific Investigation (L) | -- | Any course designated (L). |
| *College \& Departmental requirements that may be used to meet GE requirements. |  |  |
| College/Departmental Requirements: 8 Hours |  |  |
| Agricultural Sciences and Natural Resources | 8 | AG 1011; ANSI 1124*, PLNT 1213* *AGCM requirements |

[^1]
## Other Requirements:

A minimum of 40 semester credit hours and 100 grade points must be earned in courses numbered 3000 or above. A 2.00 GPA or higher in upper-division hours. The student must earn minimum grade of " $C$ " in all Major Requirements. No more than 65 hours from a two-year institution.

Students will be held responsible for degree requirements in effect at the time of matriculation and any changes that are made, so long as these changes do not result in semester credit hours being added or do not delay graduation.

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DEAN

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DEPARTMENT HEAD

| GEnERAL EDUCATION REQUIREMENTS: 43 Hours |  |  |
| :---: | :---: | :---: |
| Area | Hours | To be selected from: |
| English Composition \& Oral Communication | 6 | ENGL 1113 or 1313; \& 1213 or 1413 or 3323. (See Academic Regulation 3.5 in Catalog) |
| American History \& Government | 6 | HIST 1103 or 1483 or 1493; POLS 1113 |
| Analytical \& Quantitative Thought (A) | 9 | MATH 1483* (or 1513*); \& 2103*; STAT $2023^{*}$ (or $4013^{*}$ ) (If MATH 1483 or 1513 is not taken, then hours in this block are 6.) |
| Humanities (H) | 6 | Any courses designated (H); must include one lower-division course |
| Natural Sciences (N) | 9 | BIOL 1114*; CHEM 1215* |
| Social \& Behavioral Sciences (S) | 7 | AGEC 1114*; SPCH 2713* |
| Diversity (D) | -- | Any course designated (D). |
| International Dimension (I) | -- | Any course designated (I), such as AGEC 4343, 4803, or courses designated both (I) and (H). |
| Scientific Investigation (L) | -- | Met by either BIOL 1114 or CHEM 1014. |

*College \& Departmental requirements that may be used to meet GE requirements.
College/Departmental Requirements: 11 Hours

| Agricultural Sciences and <br> Natural Resources | 8 | AG 1011; SOIL 2124 <br> One course from the following: <br> NREM 1113, 3343; HORT 1013; PLNT 1213 |
| :--- | :---: | :--- |
| Written Communications | 3 | AGCM 3103, BCOM 3113, or ENGL 3323; <br> (If ENGL 3323 is substituted for ENGL 1213 <br> above; hours in this block are zero.) |

## MAjOR REQuIREMENTS: 66 Hours

Common Body Courses 34 Hours
ACCT 2103, 2203
AGEC 3101, 3213, 3323, 3333, 3423, 3603, 3713
ECON 2203, 3113 (or 3023), 3123 (or 3313)
Related AGEC Courses $\mathbf{1 2}$ Hours
AGEC 3503, 4403
6 hours from: AGEC 4213, 4333, 4343, 4423, 4503, 4513, 4703, 4723, 4803

## Choose One Emphasis Area 20 Hours

Must meet minor requirements in one of the following areas. Take additional hours from courses in any of these areas to complete the required total of 20 hours.
Area A: Agronomy Minor (24 hours with PLNT 1213, SOIL 2124); PLNT 2013; 3554; SOIL 4234; 6 hrs from: PLNT 3113, 4113, 4123, 4613;
SOIL 4213, 4463
Area B: Entomology Minor (15 hours)
ENTO 2993;
3 hrs from: ENTO 3044, 4223, 4464;
8-9 additional hours from any courses with ENTO prefix.
Area C: Forestry Minor (22 hours with NREM 1113 or 3343)
NREM 2134; 2013 or $3213 ; 3224 ; 9$ hours(at least 6 hrs must be upper-division) from: NREM 1213, 2103, 2112, 3083, 3101, 3102, 3103, 3113, 3323, 4043, 4053, 4063, 4093, 4213, 4323, 4333
Area D: Horticulture Minor ( 23 hours with HORT 1013, SOIL 2124); BOT 1404; HORT 3084; 8 hrs with at least 3 hours upper-division or above from HORT prefix courses excluding 1003, 2010, 4671, 4990, 5110
Area E: Natural Resource Ecology and Management (22 hours with SOIL 2124, NREM 1113 or 3343 ) NREM 1014, 2013; 6 hours from: $3613,3713,4414,4513 ; 1$ or 2 hours from: BIOL 3034, NREM 2013, 3073, 3083, 3101, 3103, 3213, 3224, 3513, 3613, 3713 , 4023, 4033, 4043, 4053, 4063, 4093, 4403, 4414, 4443, 4464, 4513, 4524
Area F: Pest Management ( 18 hours with SOIL 2124 and HORT 1013 or PLNT 1213 or NREM 1113) ENTO 2993; PLP 3343 (or ENTO 4854); 1 hour from: ENTO 3003, 3331, 3421, 3461, 3663 (or PLP 3663); 3 hours from PLNT 3113, PLP 3343, ENTO 4854; 4 hours from ENTO 2143 (or PLP 2143), 3003, 3044, 3331, 3421, 3461, 4223, 4464, 4484 (or ZOOL 4484), 4854, 4923 or (PLP 4923), PLP 3343, 3553 (or BOT 3553), 3663, PLNT 3113, 4113, SOIL 4363, NREM 3613, 4033
Area G: Rangeland Ecology \& Management Minor (22 hours with PLNT 1213, SOIL 2124); NREM 2013; PLNT 4613; 9 hours from: NREM 3083, 4023, 4033, 4613, 4783, 4793
Area H: Soil Science Minor (22 hours with BIOL 1114, CHEM 1215, SOIL 2124); minimum of 9 additional hours of SOIL prefix courses, excluding 4210, 4470

## Other Requirements:

Exit interview with Head of Department of Agricultural Economics. A minimum of 40 semester credit hours and 100 grade points must be earned in courses numbered 3000 or above. A 2.00 GPA or higher in upper-division hours. No more than 60 hours may be transferred from a two-year program.

Students will be held responsible for degree requirements in effect at the time of matriculation and any changes that are made, so long as these changes do not result in semester credit hours being added or do not delay graduation.

Minimum Overall Grade Point Average: 2.00 (cumulative graduation/retention GPA)

Other GPA requirements, see below.

Total Hours: $\mathbf{1 2 0}$

Total

| GENERAL EDUCATION REQUIREMENTS: 42 HoURS |  |  |
| :--- | :---: | :--- |
| Area | Hours | To be selected from: |
|  <br> Oral Communication | 6 | ENGL 1113 or 1313; \& 1213 or 1413 or <br> $3323 . ~(S e e ~ A c a d e m i c ~ R e g u l a t i o n ~ 3.5 ~ i n ~ C a t a l o g) ~$ |
| American History \& Government | 6 | HIST 1103 or 1483 or 1493; POLS 1113 |
| Analytical \& Quantitative Thought <br> (A) | 9 | MATH 1483* (or 1513*); \& 2103*; <br> STAT 2023* (or 4013*) (If MATH 1483 or 1513 <br> is not taken, then hours in this block are 6.) |
| Humanities (H) | 6 | Any courses designated (H); must include <br> one lower-division course |
| Natural Sciences (N) | 8 | BIOL 1114*; CHEM 1014* (or 1215* or <br> $\left.1314^{*}\right)$ |
| Social \& Behavioral Sciences (S) | 7 | AGEC 1114*; SPCH 2713* |
| Diversity (D) | -- | Any course designated (D). |
| Scientific Investigation (L) | -- | Met by either BIOL 1114 or CHEM 1014. <br> Iny course designated (I), such as AGEC <br> and (H). |
| *College \& Departmental requirements that may be used to meet GE requirements. |  |  |

## College/Departmental Requirements: 10 Hours

$\left.\begin{array}{|l|l|l|}\hline \begin{array}{l}\text { Agricultural Sciences and } \\ \text { Natural Resources }\end{array} & 7 & \begin{array}{l}\text { AG 1011; } \\ \text { from two of the following four groups, select } \\ \text { one course: } \\ \text { 1. PLNT 1213, HORT 1013, NREM 1113, 3343 } \\ \text { 2. SOIL 2124 }\end{array} \\ \text { 3. ANSI 1124, FDSC 1133, ENTO 2993, 3003 } \\ \text { 4. NREM 1014, 2013, ENVR 1113, } \\ \text { BIOC 2344, LA 1013 }\end{array}\right\}$

## Major Requirements: 55 Hours

Core Courses 37 Hours
ACCT 2103, 2203
AGEC $3101,3213,3333,3423,3603,3713$
ECON 2203, 3113 (or 3023), 3123 (or 3313)

6 hrs from: AGEC 3323, BCOM, SPCH, foreign language courses, or written communication courses not used elsewhere.

Related Courses 18 Hours
AGEC 4403
6 hours from: AGEC 4213, 4333, 4423, 4503, 4513, 4703
9 hours upper-division from:
ANSI, ENTO, HORT, NREM, MCAG, PLNT, PLP, SOIL

## Other Requirements:

Exit interview with Head of Department of Agricultural Economics. A minimum of 40 semester credit hours and 100 grade points must be earned in courses numbered 3000 or above. A 2.00 GPA or higher in upper-division hours. No more than 60 hours may be transferred from a two-year program.

Students will be held responsible for degree requirements in effect at the time of matriculation and any changes that are made, so long as these changes do not result in semester credit hours being added or do not delay graduation.
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Minimum Overall Grade Point Average: 2.00
(cumulative graduation/retention GPA) Other GPA requirements, see below.

| GENERAL EDUCATION REQUIREMENTS: 42 HoURS |  |  |
| :--- | :---: | :--- |
| Area | Hours | To be selected from: |
|  <br> Oral Communication | 6 | ENGL 1113 or 1313; \& 1213 or 1413 or <br> $3323 . ~(S e e ~ A c a d e m i c ~ R e g u l a t i o n ~ 3.5 ~ i n ~ C a t a l o g) ~$ |
| American History \& Government | 6 | HIST 1103 or 1483 or 1493; POLS 1113 |$|$| Analytical \& Quantitative Thought |
| :--- |
| (A) |

College/Departmental Requirements: 10 Hours

| Agricultural Sciences and <br> Natural Resources | 7 | AG 1011; <br> from two of the following four groups, select <br> one course: <br> 1. PLNT 1213, HORT 1013, NREM 1113, 3343 <br> 2. SOIL 2124 <br> 3. ANSI 1124, FDSC 1133, ENTO 2993, 3003 <br> 4. NREM 1014, 2013, ENVR 1113, <br> BIOC 2344, LA 1013 |
| :--- | :--- | :--- |
| Written Communications | 3 | AGCM 3103; or BCOM 3113; or ENGL <br> 3323; (If ENGL 3323 is substituted for ENGL <br> 1213 above; hours in this block are zero.) |

## Major Requirements: 55 Hours

Core Courses 37 Hours
ACCT 2103, 2203
AGEC 3101, 3213, 3333, 3423
ECON 2203, 3113 (or 3023), 3313
FIN 3113
LSB 3213
6 hrs from: AGEC 3323, BCOM, SPCH, foreign language courses, or written communication courses not used elsewhere.

Related Courses 18 Hours

FIN 4223, 4333
9 hours from: AGEC 4213, 4333, 4403, 4423, 4513, 4703

3 additional hours from FIN courses numbered 3000 or above (excluding FIN 4063)

## Electives: 13 Hours

Hours to complete required total.

## Other Requirements:

Exit interview with Head of Department of Agricultural Economics. A minimum of 40 semester credit hours and 100 grade points must be earned in courses numbered 3000 or above.
A 2.00 GPA or higher in upper-division hours. No more than 60 hours may be transferred from a two-year program.
Students will be held responsible for degree requirements in effect at the time of matriculation and any changes that are made, so long as these changes do not result in semester credit hours being added or do not delay graduation.

| GENERAL EDUCATION REQUIREMENTS: 42 HoURS |  |  |
| :--- | :---: | :--- |
| Area | Hours | To be selected from: |
|  <br> Oral Communication | 6 | ENGL 1113 or 1313; \& 1213 or 1413 or <br> $3323 . ~(S e e ~ A c a d e m i c ~ R e g u l a t i o n ~ 3.5 ~ i n ~ C a t a l o g) ~$ |
| American History \& Government | 6 | HIST 1103 or 1483 or 1493; POLS 1113 |$|$| Analytical \& Quantitative Thought |
| :--- |
| (A) |

College/Departmental Requirements: 10 Hours
$\left.\begin{array}{|l|l|l|}\hline \begin{array}{l}\text { Agricultural Sciences and } \\ \text { Natural Resources }\end{array} & 7 & \begin{array}{l}\text { AG 1011; } \\ \text { from two of the following: } \\ \text { 1. PLNT 1213, HORT 1013, NREM 1113, 3343 } \\ \text { 2. SOIL 2124 }\end{array} \\ \text { 3. ANSI 1124, FDSC 1133, ENTO 2993, 3003 } \\ \text { 4. NREM 1014, 2013, ENVR 1113, } \\ \text { BIOC 2344, LA 1013 }\end{array}\right\}$

## MAJOR REQUIREMENTS: 58 Hours <br> Core Courses 37 Hours

ACCT 2103, 2203
AGEC 3101, 3213, 3333, 3423, 3603
ECON 2203, 3113 (or 3023), 3123 (or 3313)
LSB 3213
6 hours from: AGEC 3323, BCOM, SPCH, foreign language courses or written communication courses not used elsewhere.

Related Courses 21 Hours
AGEC 4423
MGMT 3013, 3313
6 hours from: AGEC 3463, 4403, 4703, 4723
6 additional hours from MGMT courses numbered 3000 or above.

## Electives: 10 Hours

Hours to complete required total.

## Other Requirements:

Exit interview with Head of Department of Agricultural Economics. A minimum of 40 semester credit hours and 100 grade points must be earned in courses numbered 3000 or above. A 2.00 GPA or higher in upper-division hours. No more than 60 hours may be transferred from a two-year program.

Students will be held responsible for degree requirements in effect at the time of matriculation and any changes that are made, so long as these changes do not result in semester credit hours being added or do not delay graduation.
(cumulative graduation/retention GPA)
Other GPA requirements, see below.

| GEnEral Education Requirements: 42 Hours |  |  |
| :---: | :---: | :---: |
| Area | Hours | To be selected from: |
| English Composition \& Oral Communication | 6 | ENGL 1113 or 1313 ; \& 1213 or 1413 or <br> 3323. (See Academic Regulation 3.5 in Catalog) |
| American History \& Government | 6 | HIST 1103 or 1483 or 1493; POLS 1113 |
| Analytical \& Quantitative Thought (A) | 9 | MATH 1483* (or 1513*); \& 2103*; STAT 2023* (or 4013*) (If MATH 1483 or 1513 is not taken, then hours in this block are 6 .) |
| Humanities (H) | 6 | Any courses designated (H); must include one lower-division course |
| Natural Sciences (N) | 8 | BIOL 1114*; CHEM 1014* (or $1215^{*}$ or 1314*) |
| Social \& Behavioral Sciences (S) | 7 | AGEC 1114*; SPCH 2713* |
| Diversity (D) | -- | Any course designated (D). |
| International Dimension (I) | -- | Any course designated (I), such as AGEC 4343, 4803, or courses designated both (I) and (H). |
| Scientific Investigation (L) | -- | Met by either BIOL 1114 or CHEM 1014 |

*College \& Departmental requirements that may be used to meet GE requirements.
College/Departmental Requirements: 10 Hours

| Agricultural Sciences and <br> Natural Resources | 7 | AG 1011; <br> from two of the following four groups, select <br> one course: <br> 1. PNT 1213, HORT 1013, NREM 1113, 3343 <br> 2. SOIL 2124 <br> 3. ANSI 1124, FDSC 1133, ENTO 2993, 3003 <br> 4. NREM 1014, 2013, ENVR 1113, <br> BIOC 2344, LA 1013 |
| :--- | :---: | :--- |
| Written Communications | 3 | AGCM 3103; or BCOM 3113; or ENGL <br> 3323; (If ENG 3323 is substituted for ENGL <br> 1213 above; hours in this block are zero.) |

## Electives: 10 Hours

Hours to complete required total.

## Other Requirements:

Exit interview with Head of Department of Agricultural Economics. A minimum of 40 semester credit hours and 100 grade points must be earned in courses numbered 3000 or above.
A 2.00 GPA or higher in upper-division hours. No more than 60 hours may be transferred from a two-year program.
Students will be held responsible for degree requirements in effect at the time of matriculation and any changes that are made, so long as these changes do not result in semester credit hours being added or do not delay graduation.

| General Education Requirements: 42 Hours |  |  |
| :---: | :---: | :---: |
| Area | Hours | To be selected from: |
| English Composition \& Oral Communication | 6 | ENGL 1113 or 1313 ; \& 1213 or 1413 or <br> 3323. (See Academic Regulation 3.5 in Catalog) |
| American History \& Government | 6 | HIST 1103 or 1483 or 1493; POLS 1113 |
| Analytical \& Quantitative Thought (A) | 9 | MATH 1483* (or 1513*); \& 2103*; STAT 2023* (or 4013*) (If MATH 1483 or 1513 is not taken, then hours in this block are 6.) |
| Humanities (H) | 6 | Any courses designated (H); must include one lower-division course |
| Natural Sciences ( N ) | 8 | BIOL 1114*; CHEM 1014* (or $1215^{*}$ or 1314*) |
| Social \& Behavioral Sciences (S) | 7 | AGEC 1114*; SPCH 2713* |
| Diversity (D) | -- | Any course designated (D). |
| International Dimension (I) | -- | Any course designated (I), such as AGEC 4343,4803 , or courses designated both (I) and (H). |
| Scientific Investigation (L) | -- | Met by either BIOL 1114 or CHEM 1014 |
| *College \& Departmental requirements that may be used to meet GE requirements. |  |  |

College/Departmental Requirements: 10 Hours
$\left.\begin{array}{|l|c|l|}\hline \begin{array}{l}\text { Agricultural Sciences and } \\ \text { Natural Resources }\end{array} & 7 & \begin{array}{l}\text { AG 1011; } \\ \text { from two of the following four groups, select } \\ \text { one course: } \\ \text { 1. PLNT 1213, HORT 1013, NREM 1113, 3343 } \\ \text { 2. SOIL 2124 }\end{array} \\ \text { 3. ANSI 1124, FDSC 1133, ENTO 2993, 3003 } \\ \text { 4. NREM 1014, 2013, ENVR 1113, } \\ \text { BIOC 2344, LA 1013 }\end{array}\right\}$

## Major Requirements: 61 Hours <br> Core Courses 37 Hours

ACCT 2103, 2203
AGEC 3101, 3213, 3333, 3423, 3603, 3713 (or LSB 3213)
ECON 2203, 3113 (or 3023), 3123 (or 3313)
6 hours from: AGEC 3323, BCOM, SPCH, foreign language courses, or written communication courses not used elsewhere.

Related Courses 24 Hours
9 hours from: AGEC 3703, 4213, 4333, 4343, 4403, 4423, 4503, 4513, 4703, 4723
Choose Alternative A or B:
Alternative A:
15 additional hours with 12 hours upper-division: ACCT, AGEC, ECON, FIN, LSB, MGMT, MKTG, MSIS, POLS

## Alternative B:

Complete Legal Studies Minor: POLS 2023 (or HONR 2013), 3983, 3993 6 hours from: ENGR 4103, 4133; PHIL 3843; POLS 4363, 4963, 4973, 4980; PSYC 4143; SOC 4443

## Electives: 7 Hours

Hours to complete required total.

## Other Requirements:

Exit interview with Head of Department of Agricultural Economics. A minimum of 40 semester credit hours and 100 grade points must be earned in courses numbered 3000 or above. A 2.00 GPA or higher in upper-division hours. No more than 60 hours may be transferred from a two-year program.

Students will be held responsible for degree requirements in effect at the time of matriculation and any changes that are made, so long as these changes do not result in semester credit hours being added or do not delay graduation.
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## Other Requirements:

Exit interview with Head of Department of Agricultural Economics. A minimum of 40 semester credit hours and 100 grade points must be earned in courses numbered 3000 or above. A 2.00 GPA or higher in upper-division hours. No more than 60 hours may be transferred from a two-year program.

Students will be held responsible for degree requirements in effect at the time of matriculation and any changes that are made, so long as these changes do not result in semester credit hours being added or do not delay graduation.

# BACHELOR of SCIENCE in AGRICULTURAL SCIENCES and NATURAL RESOURCES 

MAJOR: Agricultural Communications
Minimum Overall Grade Point Average: $\mathbf{2 . 0 0}$
Total Hours: $\mathbf{1 2 0}$
(cumulative graduation/retention GPA)
Other GPA requirements, see below


## Other Requirements:

A minimum of 40 semester credit hours and 100 grade points must be earned in courses numbered 3000 or above.
A 2.00 GPA or higher in upper-division hours. No more than 60 hours may be transferred from a two-year program. The student must earn a minimum grade of "C" in all Major Requirements.

Students will be held responsible for degree requirements in effect at the time of matriculation and any changes that are made, so long as these changes do not result in semester credit hours being added or do not delay graduation.

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DEAN

## Signature on file in the Office of the Registrar

DEPARTMENT HEAD

Minimum Overall Grade Point Average: 2.00
(cumulative graduation/retention GPA)
Other GPA requirements, see below.

| GEnERAL EDUCATION REQUIREMENTS: 39 Hours |  |  |
| :---: | :---: | :---: |
| Area | Hours | To be selected from: |
| English Composition \& Oral Communication | 6 | ENGL 1113 or 1313 ; \& 1213 or 1413 or 3323. (See Academic Regulation 3.5 in Catalog) |
| American History \& Government | 6 | HIST 1103 or 1483 or 1493; POLS 1113 |
| Analytical \& Quantitative Thought (A) | 6 | MATH 1483* or 1513*; STAT 2023* |
| Humanities (H) | 6 | Any courses designated (H); must include one lower-division course |
| Natural Sciences (N) | 8 | BIOL 1114*; CHEM 1014 or 1215* |
| Social \& Behavioral Sciences (S) | 7 | AGEC 1114*; SPCH 2713* |
| Diversity (D) | -- | Any course designated (D). |
| International Dimension (I) | -- | AGEC 4343 |
| Scientific Investigation (L) | -- | Any course designated (L). |
| *College \& Departmental requirements that may be used to meet GE requirements. |  |  |
| College/Departmental Requirements: 14 Hours |  |  |
| Agricultural Sciences and Natural Resources | 14 | AG 1011; AGCM 2113; ANSI 1124; PLNT 1213 <br> 3 hours from the following: ANSI 1133, 2253; FDSC 1133, 2253; NSCI 1114 or 3543 |

## Major Requirements: 75 Hours

Agricultural Communications Core Courses $\mathbf{3 0}$ Hours
AGCM $3101,3113,3123,3213,3223,3233,4113,4203$, 4300 (2 hours), 4403, 4413

Agricultural Economics Core Courses 45 Hours

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ACCT 2103,2203
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AGEC $3213,3323,3333,3423,3603,3713,4343^{\#}, 4503^{\#}, 4703^{\#}$

ECON 2203, 3113 or 3023,3123 or 3313

MATH 2103
\# AGEC 4503 satisfies environmental science requirement and AGEC 4703 satisfies policy requirement for the Agricultural Communications major. AGEC 4343 satisfies international dimension requirements. Nine hours of 4000 level AGEC required for AGBU major.

## Other Requirements:

A minimum of 40 semester credit hours and 100 grade points must be earned in courses numbered 3000 or above. A 2.00 GPA or higher in upper-division hours. The student must earn minimum grade of " $C$ " in all Major Requirements. No more than 65 hours from a two-year institution.

Students will be held responsible for degree requirements in effect at the time of matriculation and any changes that are made, so long as these changes do not result in semester credit hours being added or do not delay graduation.
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| GEnEral Education Requirements: 43 HoUrS |  |  |  | MAJOR REQUIREMENTS: 68 HoURS |
| :---: | :---: | :---: | :---: | :---: |
| Area | Hours | To be selected from: | Ag Communications Core Courses 42 Hours |  |
| English Composition \& Oral Communication | 6 | ENGL 1113 or 1313 ; \& 1213 or 1413 or <br> 3323. (See Academic Regulation 3.5 in Catalog) | ACCT 2103 or FIN 2123 or AGEC 3183 |  |
|  |  |  | AGCM | $\begin{aligned} & 3101,3113,3213,3223,3233,4113,4203, \\ & 4300 \text { (2 hours), } 4403,4413 \end{aligned}$ |
| American History \& Government | 6 | HIST 1103 or 1483 or 1493; POLS 1113 |  |  |
|  |  |  | AGEC 3703, 3323 (or MKTG 3213), 3713 (or LSB 3213) |  |
| Analytical \& Quantitative Thought (A) | 6 | Select from: MATH 1483*, 1493*, 1513*; higher MATH* or 3 hours designated $(A)^{*}$ | AGLE 3303 or AGEC 3403 or AGCM 3123 |  |
| Humanities (H) | 6 | Any courses designated (H); must include one lower-division course |  | Animal Science Core Courses 26 Hours |
|  |  |  | ANSI | $3423,3433,3443,3543,3653,4712,4863$ |
| Natural Sciences (N) | 9 | BIOL 1114*; CHEM 1215* | 6 hour | (at least 2 species) from: |
| Social \& Behavioral Sciences (S) | 7 | AGEC 1114*; SPCH 2713* | ANSI | 4023, 4423, 4543, 4553, 4613, 4633, 4643 |
| Diversity (D) | -- | Any course designated (D). |  |  |
| International Dimension (I) | 3 | AGED 4713 or ANSI 3903 or any course designated (I). |  |  |
| Scientific Investigation (L) | -- | Any course designated (L). |  |  |
| *College \& Departmental requirements that may be used to meet GE requirements. |  |  |  |  |
| College/Departmental Requirements: 19 Hours |  |  |  |  |
| Agricultural Sciences and Natural Resources <br> Communications Courses | 19 | AG 1011; AGCM 2113; ANSI 1124; PLNT 1213 <br> 5 hours from ANSI 1133, 2112, 2253; <br> One of the following courses ENVR 1113 or ENTO 3003 or NREM 1113 or NREM 3343 |  |  |

Other Requirements:
A minimum of 40 semester credit hours and 100 grade points must be earned in courses numbered 3000 or above. A 2.00 GPA or higher in upper-division hours. The student must earn minimum grade of " $C$ " in all Major Requirements. No more than 65 hours from a two-year institution.

Students will be held responsible for degree requirements in effect at the time of matriculation and any changes that are made, so long as these changes do not result in semester credit hours being added or do not delay graduation.

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DEPARTMENT HEAD

# BACHELOR of SCIENCE in AGRICULTURAL SCIENCES and NATURAL RESOURCES 

MAJOR: Agricultural Economics
Minimum Overall Grade Point Average: 2.00
Total Hours: 120
(cumulative graduation/retention GPA)
Other GPA requirements, see below.

| GENERAL EDUCATION REQUIREMENTS: 42 HoURS |  |  |
| :--- | :---: | :--- |
| Area | Hours | To be selected from: |
|  <br> Oral Communication | 6 | ENGL 1113 or 1313; \& 1213 or 1413 or <br> 3323. (See Academic Regulation 3.5 in Catalog) |
| American History \& Government | 6 | HIST 1103, 1483 or 1493; POLS 1113 |
| Analytical \& Quantitative Thought <br> (A) | 9 | MATH 1483* (or 1513*); and 2103* (or <br> $\left.2144^{*}\right) ; ~ S T A T ~ 2023 * ~(o r ~ 4013 *) ~(I f ~ M A T H ~$ |
| 1483 or 1513 is not taken, then hours in this block |  |  |
| are 6.) |  |  |$|$| Humanities (H) |
| :--- |
| Any courses designated (H); must include |
| one lower-division course |

*College \& Departmental requirements that may be used to meet GE requirements.
College/Departmental Requirements: 10 Hours

| Agricultural Sciences and | 7 | AG 1011 <br> from two of the following four groups, select <br> one course: <br> 1. PLNT 1213, HORT 1013, NREM 1113, 3343 <br> 2. SOIL 2124 <br> 3. ANSI 1124, FDSC 1133, ENTO 2993, 3003 <br> 4. NREM 1014, 2013, ENVR 1113, <br> BIOC 2344, LA 1013 |
| :--- | :---: | :--- |
| Written Communications | 3 | AGCM 3103; or BCOM 3113; or <br> ENGL 3323 (If ENGL 3323 is substituted for <br> ENGL 1213 above; hours in this block are zero.) |

## Major Requirement: 68 Hours <br> Core Courses 37 Hours

ACCT 2103, 2203
AGEC 3101, 3213, 3333, 3423, 3603, 3713 (or LSB 3213)
ECON 2203, 3113 (or 3023), 3123 (or 3313)
6 hours from: AGEC 3323, BCOM, SPCH, foreign language courses or written communication courses not used elsewhere.

Related Courses 31 Hours
Choose one of the following four alternatives:
I. General

9 hours from: AGEC 4213, 4333, 4343, 4403, 4423, 4503, 4513, 4703, 4723, 4803
6 additional upper-division hours in AGEC courses
3 additional upper-division hours in any courses
13 additional hours
II. Community and Regional Analysis

AGEC 3503, 4723; ECON 3423
6 hours from: AGEC 4213, 4333, 4343, 4403, 4423, 4503, 4513, 4703, 4803
6 hours from: ECON 3913, 4643, 4723; GEOG 3123, 4123, 4143, 4153;
POLS 2033, 3493, 3613, 4413; SOC 3413, 3423, 4423
10 additional hours
III. Natural Resources

AGEC 3503, 4503; GEOG 2343 (or 4323)
6 hours from: AGEC 3703, 4213, 4333, 4343, 4403, 4423, 4513, 4703, 4723
9 hours from: ECON 3903; GEOG 3023, 3033, 3153, 4153, 4163, 4333, 4343;
GEOL 3503, 4663; Any Upper-Division NREM; POLS 4363, 4593;
SOC 4433; SOIL 4363, 4463, 4563, 4913
7 additional hours
IV. Quantitative Studies

AGEC 4213; MATH 2153, 3013; MGMT 3013; MSIS 3223
6 hours from: AGEC 4333, 4403, 4423, 4503, 4703
6 hours from: ECON 4213, 4223; MSIS 3233; STAT 4023, 4043
STAT 4013 and MATH 2144 required in General Education;
4 Additional hours

[^2]BACHELOR of SCIENCE in AGRICULTURAL SCIENCES and NATURAL RESOURCES
MAJOR: Agricultural Economics OPTION: Accounting Double Major
Minimum Overall Grade Point Average: 2.00
Total Hours: 123 (cumulative graduation/retention GPA)

Other GPA requirements, see below.

| GENERAL EDUCATION REQUIREMENTS: 39 HoURS |  |  |
| :--- | :---: | :--- |
| Area | Hours | To be selected from: |
|  <br> Oral Communication | 6 | ENGL 1113 or 1313; \& 1213 or 1413 or <br> 3323. (See Academic Regulation 3.5 in Catalog) |
| American History \& Government | 6 | HIST 1103 or 1483 or 1493; POLS 1113 |
| Analytical \& Quantitative Thought <br> (A) | 6 | MATH 2103*; STAT 2023* (or 4013) |
| Humanities (H) | 6 | Any courses designated (H); must include <br> one lower-division course |
| Natural Sciences (N) | 8 | BIOL 1114*; CHEM 1014* (or 1215* or <br> $\left.1314^{*}\right)$ |
| Social \& Behavioral Sciences (S) | 7 | AGEC 1114*; SPCH 2713* |
| Diversity (D) | -- | Any course designated (D). |
| International Dimension (I) | -- | Any course designated (I), such as AGEC <br> 4343, 4803, or courses designated both (I) <br> and (H). |
| Scientific Investigation (L) | -- | Met by either BIOL 1114 or CHEM 1014. |
| *College \& Departmental requirements that may be used to meet GE requirements. |  |  |

College/Departmental Requirements: 10 Hours

| Agricultural Sciences and <br> Natural Resources | 7 | AG 1011; <br> from two of the following four groups, select <br> one course: <br> 1. PLNT 1213, HORT 1013, NREM 1113, 3343 <br> 2. SOIL 2124, <br> 3. ANS 11124, FDSC 1133, ENTO 2993, 3003 <br> 4. NREM 1014, 2013, ENVR 1113, <br> BIOC 2344, LA 1013 |
| :--- | :---: | :--- |
| Written Communications | 3 | AGCM 3103; or BCOM 3113; <br> or ENGL 3323 (If ENGL 3323 is substituted for <br> ENGL 1213 above; hours in this block are zero.) |

## Electives: 1 Hour

Hours to complete required total.

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General Requirements for Students Matriculating in Academic Year 2011-2012
BACHELOR of SCIENCE in AGRICULTURAL SCIENCES and NATURAL RESOURCES
MAJOR: Agricultural Economics OPTION: International Agricultural Marketing
Minimum Overall Grade Point Average: 2.00
Total Hours: 120
(cumulative graduation/retention GPA)
Other GPA requirements, see below.

| GENERAL EDUCATION REQUIREMENTS: 42 HoURS |  |  |
| :--- | :---: | :--- |
| Area | Hours | To be selected from: |
|  <br> Oral Communication | 6 | ENGL 1113 or 1313; \& 1213 or 1413 or <br> $3323 . ~(S e e ~ A c a d e m i c ~ R e g u l a t i o n ~ 3.5 ~ i n ~ C a t a l o g) ~$ |
| American History \& Government | 6 | HIST 1103 or 1483 or 1493; POLS 1113 |
| Analytical \& Quantitative Thought <br> (A) | 9 | MATH 1483* (or 1513*); \& 2103*; <br> STAT 2023* (or 4013*) (If MATH 1483 or 1513 <br> is not taken, then hours in this block are 6.) |
| Humanities (H) | 6 | Any courses designated (H); must include <br> one lower-division course |
| Natural Sciences (N) | 8 | BIOL 1114*; CHEM 1014* (or 1215* or <br> $\left.1314^{*}\right)$ |
| Social \& Behavioral Sciences (S) | 7 | AGEC 1114*; SPCH 2713* |
| Scientific Investigation (L) | $--\quad$ | Met by either BIOL 1114 or CHEM 1014 |
| Any course designated (D). |  |  |
| *College \& Departmental requirements that may be used to meet GE requirements. |  |  |

College/Departmental Requirements: 10 Hours
$\left.\begin{array}{|l|l|l|}\hline \begin{array}{l}\text { Agricultural Sciences and } \\ \text { Natural Resources }\end{array} & 7 & \begin{array}{l}\text { AG 1011; } \\ \text { from two of the following four groups, select } \\ \text { one course: } \\ \text { 1. PLNT 1213, HORT 1013, NREM 1113, 3343 } \\ \text { 2. SOIL 2124 }\end{array} \\ \text { 3. ANSI 1124, FDSC 1133, ENTO 2993, 3003 } \\ \text { 4. NREM 1014, 2013, ENVR 1113, } \\ \text { BIOC 2344, LA 1013 }\end{array}\right\}$

## MAJor Requirements: 61 Hours <br> Core Courses 31 Hours

ACCT 2103, 2203
AGEC $3101,3213,3333,3423,3603$ (or FIN 3113), 3713 (or LSB 3213)
ECON 2203, 3113 (or 3023), 3123 (or 3313)

International Related Courses 30 Hours
AGEC 4343,4803
15 hours from: courses in same foreign language
3 hours from: AGEC 4213, 4333, 4403, 4423, 4503, 4703
6 additional hours from courses in the above foreign language or upper-division courses designated (I).

Electives: 7 Hours

## Hours to complete required total

[^4]BACHELOR of SCIENCE in AGRICULTURAL SCIENCES and NATURAL RESOURCES
MAJOR: Agricultural Education OPTION: Horticulture Double Major
Minimum Overall Grade Point Average: 2.00 Total Hours: 147
(cumulative graduation/retention GPA)
Other GPA requirements, see below.

| GENERAL EDUCATION REQUIREMENTS: 51 HoURS |  |  |
| :--- | :---: | :--- |$|$| Area | Hours | To be selected from: |
| :--- | :---: | :--- |
|  <br> Oral Communication | 9 | ENGL 1113 or 1313; \& 1213 or 1413 or <br> 3323. (See Academic Regulation 3.5 in Catalog) <br> SPCH 2713* |
| American History \& Government | 6 | HIST 1103; POLS 1113 |

## Major Requirements: 35 Hours

AGED 4713 (or ANSI 3903)
BOT 3463
3 hours Genetics (PLNT 3554 recommended)
HORT 3084, 3113
PLNT 3113
PLP 3343

14 hours of which at least 8 hours must be upper-division from: HORT 2513, 2613, 3013, 3153, 3213, 3433, 3513, 4453, 4543, 4713, 4773
${ }^{* *}$ AGEC 1114 is a General Education Requirement in addition to the Major Requirements.

One half of the major requirement credit hours must be from upper-division courses. Students must earn a minimum grade of " $C$ " or " "P" in each course in the College/Departmental Requirements, Major Requirements, and Professional Core Requirements.

## Professional Core: 27 Hours

AGED 3101, 3103, 3203, 4103, 4113, 4200 (9 hours), EPSY 3213, SPED 3202

Required for graduation and recommendation for Licensure/Standard Certification: (1) 2.50 overall GPA; (2) 2.50 GPA in Major Requirements; and (3) 2.50 GPA in Professional Requirements. The student must earn minimum grades of " $C$ " or " $P$ " in each course in the College/Departmental Requirements, Major Requirements, Professional Core Requirements, and demonstrate proficiency in a foreign language (i.e., a grade of " $C$ " or better or completion of two years of the same foreign language in high school with a " $B$ " average or better). For graduation only see Academic Regulation 7.6 in the Catalog.

## Other Requirements:

A minimum of 40 semester credit hours and 100 grade points must be earned in courses numbered 3000 or above. A 2.00 GPA or higher in upper-division hours.
Students will be held responsible for degree requirements in effect at the time of matriculation and any changes that are made, so long as these changes do not result in semester credit hours being added or do not delay graduation.

BACHELOR of SCIENCE in AGRICULTURAL SCIENCES and NATURAL RESOURCES
MAJOR: Agricultural Education OPTION: Teaching
Minimum Overall Grade Point Average: $\mathbf{2 . 0 0}$
Total Hours: 124
(cumulative graduation/retention GPA)
Other GPA requirements, see below.

| GENERAL EDUCATION REQUIREMENTS: 43 HoUrS |  |  |
| :---: | :---: | :---: |
| Area | Hours | To be selected from: |
| English Composition \& Oral Communication | 9 | ENGL 1113 or 1313; \& 1213 or 1413 or 3323. (See Academic Regulation 3.5 in Catalog) SPCH $2713^{*}$ |
| American History \& Government | 6 | HIST 1103; POLS 1113 |
| Analytical \& Quantitative Thought (A) | 6 | Select from: MATH 1483* or 1493* or 1513* or higher MATH or any course designated (A) |
| Humanities (H) | 6 | Any courses designated ( H ); must include one lower-division course |
| Natural Sciences (N) | 9 | BIOL 1114*; CHEM 1215* |
| Social \& Behavioral Sciences (S) | 7 | **AGEC 1114*; PSYC 1113 |
| Diversity (D) | -- | Any course designated (D) |
| International Dimension (I) | -- | Any course designated (I) |
| Scientific Investigation (L) | -- | Any course designated (L) |

*College \& Departmental requirements that may be used to meet GE requirements.

College/Departmental Requirements: 26 Hours

| Agricultural Sciences and | 26 | AG 1011; ANSI 1124; FDSC 1133 or 2253; <br> Natural Resources |
| :--- | :---: | :--- |
|  |  | HORT 1013; PLNT 1213; SOIL 2124 <br> NREM 2013 or 3343; <br> MCAG 3011, 3211, 3222, 4101 |

## Major Requirements: 23 Hours** <br> Enrichment 14 Hours

To include course work from four of the following areas: Agricultural Communications, Agricultural Economics, Agricultural Leadership, Animal Science, Biochemistry, Entomology, Forestry, Horticulture, Mechanized Agriculture, Natural Resource Ecology and Management, Plant Pathology, Plant Science, Soil Science, Rangeland Ecology Management

## Related Courses 9 Hours

AGCM 3103 (or ENGL 3323)
AGLE 2303 (or 3303)
AGED $\quad 4713^{1}$ ( or ANSI 3903)
**AGEC 1114 is a General Education Requirement in addition to the Major Requirement. Students must earn a minimum grade of " C " or " P " in each course in the College/Departmental Requirements, Major Requirements and Professional Core Requirements.

## Professional Core: 27 Hours

AGED 3101, 3103, 3203, 4103, 4113, 4200 ( 9 hours), EPSY 3213, SPED 3202

Electives: 5 Hours

Required for graduation and recommendation for Licensure/Standard Certification: (1) 2.50 overall GPA; (2) 2.50 GPA in Major Requirements; and (3) 2.50 GPA in Professional Requirements. The student must earn minimum grades of " C " or " P " in each course in the College/Departmental Requirements, Major Requirements, Professional Core Requirements, and demonstrate proficiency in a foreign language (i.e., a grade of " C " or better or completion of two years of the same foreign language in high school with a " B " average or better). For araduation onlv see Academic Reaulation 7.6 in the Cataloa.

## Other Requirements:

A minimum of 40 semester credit hours and 100 grade points must be earned in courses numbered 3000 or above. A 2.00 GPA or higher in upper-division hours. Students will be held responsible for degree requirements in effect at the time of matriculation and any changes that are made, so long as these changes do not result in semester credit hours being added or do not delay graduation.
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| GENERAL EDUCATION REQUIREMENTS: 43 HoURS |  |
| :--- | :---: | :--- |\(\left|\begin{array}{l|c|l|}\hline Area \& Hours \& To be selected from: <br>

\hline $$
\begin{array}{l}\text { English Composition \& } \\
\text { Oral Communication }\end{array}
$$ \& 9 \& $$
\begin{array}{l}\text { ENGL 1113 or 1313; \& 1213 or 1413 or } \\
\text { 3323. (See Academic Regulation 3.5 in Catalog) } \\
\text { SPCH 2713* }\end{array}
$$ <br>

\hline American History \& Government \& 6 \& HIST 1103; POLS 1113\end{array}\right|\)| Analytical \& Quantitative Thought |
| :--- |
| (A) |


|  | MAJOR REQUIREMENTS: 61 HoURS |
| :--- | :--- |
| Core Courses 42 Hours |  |
| AGCM | 3103 (or ENGL 3323) |
| AGEC | 3323,4723 |
| AGLE | $1511,2303,2403,3101,3303,3403,4101,4203,4300$ ( 6 hours) |
| AGLE | 3333 or 4303 |
| AGED | 4713 (or ANSI 3903 ) |
| NREM | 2013 or 3343 |

Related Courses 19 Hours
To be selected from areas related to agriculture and/or agricultural leadership.

## Other Requirements:

A minimum of 40 semester credit hours and 100 grade points must be earned in courses numbered 3000 or above. A 2.00 GPA or higher in upper-division hours.
Students will be held responsible for degree requirements in effect at the time of matriculation and any changes that are made, so long as these changes do not result in semester credit hours being added or do not delay graduation.


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MAJOR: Agricultural Leadership
Minimum Overall Grade Point Average: 2.00
(cumulative graduation/retention GPA)
Other GPA requirements, see below.

| General Education Requirements: 43 Hours |  |  |
| :---: | :---: | :---: |
| Area | Hours | To be selected from: |
| English Composition \& Oral Communication | 9 | ENGL 1113 or 1313; \& 1213 or 1413 or 3323. (See Academic Regulation 3.5 in Catalog) SPCH 2713* |
| American History \& Government | 6 | HIST 1103; POLS 1113 |
| Analytical \& Quantitative Thought (A) | 6 | Select from: MATH 1483* or $1493^{*}$ or 1513* or higher MATH or any course designated (A) |
| Humanities (H) | 6 | Any courses designated (H); must include one lower-division course |
| Natural Sciences (N) | 9 | BIOL 1114*; CHEM 1215* |
| Social \& Behavioral Sciences (S) | 7 | AGEC 1114*; PSYC 1113* |
| Diversity (D) | -- | Any course designated (D) ${ }^{\text {D }}$ |
| International Dimension (I) | -- | Any course designated (I) |
| Scientific Investigation (L) | -- | Any course designated (L) |
| *College \& Departmental requirements that may be used to meet GE requirements. |  |  |
| College/Departmental Requirements: 16 Hours |  |  |
| Agricultural Sciences and Natural Resources | 16 | AG 1011; ANSI 1124; ENTO 3501; <br> FDSC 1133 (or 2253); <br> PLNT 1213 (or HORT 1013); SOIL 2124 |


|  | MAJOR REQUIREMENTS: 61 HoURS |
| :--- | :--- |
| Core Courses 33 Hours |  |
| AGCM | 3103 (or ENGL 3323) |
| AGEC | 4723 |
| AGLE | $1511,2303,2403,3101,3303,3403,4101,4203,4300$ (6 hours) |
| NREM 2013 or 3343 |  |
| AGLE | $3333,3503,4303$ |
| EPSY | 3213 (or 3413) |
| NSCI | 2114 |
| SPED 3202 |  |

To be selected from areas related to youth development, extension education, agriculture and/or agricultural leadership.

## Other Requirements:

A minimum of 40 semester credit hours and 100 grade points must be earned in courses numbered 3000 or above. A 2.00 GPA or higher in upper-division hours.
Students will be held responsible for degree requirements in effect at the time of matriculation and any changes that are made, so long as these changes do not result in semester credit hours being added or do not delay graduation.


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MAJOR: Agricultural Leadership
Minimum Overall Grade Point Average: 2.00
OPTION: International Studies
(cumulative graduation/retention GPA)
Other GPA requirements, see below.

| GENERAL EDUCATION REQUIREMENTS: 43 HoURS |  |  |
| :--- | :---: | :--- |
| Area | Hours | To be selected from: |
| $\begin{array}{l}\text { English Composition \& } \\ \text { Oral Communication }\end{array}$ | 9 | $\begin{array}{l}\text { ENGL 1113 or 1313; \& 1213 or 1413 or } \\ 3323 . ~(S e e ~ A c a d e m i c ~ R e g u l a t i o n ~ 3.5 ~ i n ~ C a t a l o g) ~\end{array}$ |
| SPCH 2713* |  |  |$]$| American History \& Government |
| :--- |
| Analytical \& Quantitative Thought |
| (A) |
| CoLLEGE/DEPARTMENTAL REQUIREMENTS: 16 HoURS |

Minimum Overall Grade Point Average: 2.00 (cumulative graduation/retention GPA)

Other GPA requirements, see below.

Total Hours: 130

| GENERAL EDUCATION REQUIREMENTS: 43 Hours |  |  |
| :---: | :---: | :---: |
| Area | Hours | To be selected from: |
| English Composition \& Oral Communication | 6 | ENGL 1113 or 1313 ; \& 1213 or 1413 or 3323. (See Academic Regulation 3.5 in Catalog) |
| American History \& Government | 6 | HIST 1103; POLS 1113 |
| Analytical \& Quantitative Thought (A) | 6 | MATH 1513* (or 1483*); STAT 2023* |
| Humanities (H) | 6 | Any courses designated (H); must include one lower-division course |
| Natural Sciences ( N ) | 9 | BIOL 1114*; CHEM 1215* |
| Social \& Behavioral Sciences (S) | 7 | AGEC 1114*; SPCH 2713 |
| Diversity (D) | -- | Any course designated (D) |
| International Dimension (I) | 3 | ANSI 3903 or AGED 4713 or any course designated (I) |
| Scientific Investigation (L) | -- | Any course designated (L) |
| *College \& Departmental requirements that may be used to meet GE requirements. |  |  |
| College/Departmental Requirements: 19 Hours |  |  |
| Agricultural Sciences and Natural Resources | 19 | AG 1011; AGCM 2113, ANSI 1124; <br> 5 hours from ANSI 2112, 2253, FDSC 1133 <br> PLNT 1213, ENVR 1113 or NREM 1113 or 3343 or ENTO 3003 |

MAJOR REQUIREMENTS: 68 Hours<br>ACCT 2103 OR FIN 2123 OR AGEC 3183<br>Animal Science Core Courses 26 Hours<br>ANSI 3423, 3433, 3443, 3543, 3653, 4712, 4863<br>6 hours (at least 2 species) from:<br>ANSI 4023, 4423, 4543, 4553, 4613 4633, 4643<br>Ag Communication Core Courses 39 Hours<br>AGCM 3101, 3113, 3213, 3223, 3233, 4113,<br>4203, 4300 (2 hours), 4403, 4413<br>AGEC 3703, 3323 (or MKTG 3213, 3713 (or LSB 3213)<br>AGLE 3303 or AGEC 3403 or AGCM 3123

## Other Requirements:

A minimum of 40 semester credit hours and 100 grade points must be earned in courses numbered 3000 or above. A 2.00 GPA or higher in upper-division hours is required. The student must earn minimum grade of " $C$ " in all Major Requirements. No more than 65 hours from a two-year institution.

Students will be held responsible for degree requirements in effect at the time of matriculation and any changes that are made, so long as these changes do not result in semester credit hours being added or do not delay graduation.

| GENERAL EDUCATION REQUIREMENTS: 46 HoURS |  |  |
| :--- | :---: | :--- |\(\left|\begin{array}{l|c|l|}\hline Area \& Hours \& To be selected from: <br>

\hline $$
\begin{array}{l}\text { English Composition \& } \\
\text { Oral Communication }\end{array}
$$ \& 12 \& $$
\begin{array}{l}\text { ENGL 1113 or 1313; 1213 or 1413; } \\
\text { ENGL 3323* or AGCM 3103 or BCOM } \\
\text { 3113. See Academic Regulation 3.5 in Catalog) } \\
\text { SPCH 2713* } \\
\text { (When ENGL 3323 is substituted for ENGL 1213, } \\
\text { the hours in this block are 9.) }\end{array}
$$ <br>

\hline American History \& Government \& 6 \& HIST 1103; POLS 1113\end{array}\right|\)| Analytical \& Quantitative Thought <br> (A) | 6 | MATH 1513* (or 1483*), 1613* (or 2103* or <br> STAT 2013*) |
| :--- | :---: | :--- |
| Humanities (H) | 6 | Any courses designated (H); must include <br> one lower-division course |
| Natural Sciences (N) | 9 | BIOL 1114*; CHEM 1215* |
| Social \& Behavioral Sciences (S) | 7 | AGEC 1114*; PSYC 1113** |
| Diversity (D) | -- | Any course designated (D) |

## Major Requirements: 36 Hours <br> Core Courses 36 Hours

AGED 4713' or ANSII3903 or any course designated (I)
ANSI 3242 [or 3310 ( 2 hours)], $3423,3433,3443,3543,3653,4863$
NREM 2013 or 3343
SOIL 2124
6 hours (at least 2 species) from: ANSI 4023, 4423, 4543, 4553, 4613, 4633, 4643

Professional Core: 27 Hours
AGED 3101, 3103, 3203, 4103, 4113, 4200 ( 9 hours)
EPSY 3213
SPED 3202
NOTE: AGED 4103, 4113, 4200 are taken during teaching semester.

Required for graduation and recommendation for Licensure/Standard Certification: (1) 2.50 overall GPA; (2) 2.50 GPA in Major Requirements; and (3) 2.50 GPA in Professional Requirements. The student must earn minimum grades of " $C$ " or " " ${ }^{\prime}$ " in each course in the College/Departmental Requirements, Major Requirements, Professional Core Requirements, and demonstrate proficiency in a foreign language (i.e., a grade of " $C$ " or better or completion of two years of the same foreign language in high school with a " $B$ " average or better). For graduation only see Academic Regulation 7.6 in the Catalog.

Other Requirements:
A minimum of 40 semester credit hours and 100 grade points must be earned in courses numbered 3000 or above. A 2.00 GPA or higher in upper-division hours.
Students will be held responsible for degree requirements in effect at the time of matriculation and any changes that are made, so long as these changes do not result in semester credit hours being added or do not delay graduation.

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# BACHELOR of SCIENCE in AGRICULTURAL SCIENCES and NATURAL RESOURCES 

MAJOR: Animal Science OPTION: Animal Biotechnology
Minimum Overall Grade Point Average: 2.00
Total Hours: 120 (cumulative graduation/retention GPA)

Other GPA requirements, see below.

| GENERAL EDUCATION REQUIREMENTS: 47 HoURS |  |  |
| :--- | :---: | :--- |
| Area | Hours | To be selected from: |
|  <br> Oral Communication | 9 | ENGL 1113 or 1313; 1213 or 1413; \& 3323* <br> (See Academic Regulation 3.5 in Catalog) <br> (When ENGL 3323 is substituted for ENGL 1213, <br> the hours in this block are 9.) |
| American History \& Government | 6 | HIST 1103; POLS 1113 |
| Analytical \& Quantitative Thought | 6 | MATH 1513*, 1613* (or 2103* or STAT <br> 2013*) |
| A) |  | 6 |
| Humanities (H) | PHIL 3833, 4713, 4733 or any course <br> designated (H); must include one lower- <br> division course. |  |
| Natural Sciences (N) | 13 | BIOL 1114*; CHEM 1215* (or 1314*), 1225* <br> (or 1515*) |
| Social \& Behavioral Sciences (S) | 7 | AGEC 1114*; SPCH 2713* |
| Diversity (D) | -- | Any course designated (D) |
| Scientific Investigation (L) | AnSI 3903 (See "Controlled Electives") or |  |
| any course designated (I) |  |  |



No more than 3 hours from ANSI 4900.
*College \& Departmental requirements that may be used to meet GE requirements.

College/Departmental Requirements: 32 Hours

| Agricultural Sciences and <br> Natural Resources | 4 | AG 1011; PLNT 1213 |
| :--- | :---: | :--- |
| Basic Animal Science Courses | 7 | ANSI 1124, 2253 |
| Additional Requirements | 21 | BIOC 3653; MICR 2123 and 2132; <br> PHYS 1014 or 1114; ZOOL 1604 or 3204; <br> 5 hours organic chemistry |

Other Requirements:
A minimum of 40 semester credit hours and 100 grade points must be earned in courses numbered 3000 or above. A 2.00 GPA or higher in upper-division hours.
Students will be held responsible for degree requirements in effect at the time of matriculation and any changes that are made, so long as these changes do not result in semester credit hours being added or do not delay graduation.


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General Requirements for Students Matriculating in Academic Year 2011-2012
BACHELOR of SCIENCE in AGRICULTURAL SCIENCES and NATURAL RESOURCES
MAJOR: Animal Science OPTION: Business
Minimum Overall Grade Point Average: 2.00
Total Hours: 120
(cumulative graduation/retention GPA)
Other GPA requirements, see below.

| GEnERAL EdUCATION REQUIREMENTS: 43 HoUrS |  |  |
| :---: | :---: | :---: |
| Area | Hours | To be selected from: |
| English Composition \& Oral Communication | 9 | ENGL 1113 or 1313; 1213 or 1413 ; \& 3323* or AGCM 3103 or BCOM 3113. <br> (See Academic Regulation 3.5 in Catalog) (When ENGL 3323 is substituted for ENGL 1213, the hours in this block are 6.) |
| American History \& Government | 6 | HIST 1103; POLS 1113 |
| Analytical \& Quantitative Thought (A) | 6 | MATH 1513* (or 1483*); STAT 2023* |
| Humanities (H) | 6 | Any course designated (H); must include one lower-division course. |
| Natural Sciences (N) | 9 | BIOL 1114*; CHEM 1215* |
| Social \& Behavioral Sciences (S) | 7 | AGEC 1114*; SPCH 2713* |
| Diversity (D) | -- | Any course designated (D) |
| International Dimension (I) | -- | ANSI 3903 (See "Controlled Electives") or any course designated (I) |
| Scientific Investigation (L) | -- | Any course designated (L) |

*College \& Departmental requirements that may be used to meet GE requirements.

College/Departmental Requirements: 20 Hours

| Agricultural Sciences and <br> Natural Resources | 4 | AG 1011; PLNT 1213 |
| :--- | :---: | :--- |
| Basic Animal Science Courses | 7 | ANSI 1124; <br> 3 hours from: ANSI 2112, 2253, FDSC 1133 <br> Additional Requirements |
| 9 | ACCT 2103, 2203 or 3183; <br> ECON 2203 |  |

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DEPARTMENT HEAD

BACHELOR of SCIENCE in AGRICULTURAL SCIENCES and NATURAL RESOURCES
MAJOR: Animal Science OPTION: International
Minimum Overall Grade Point Average: 2.00
Total Hours: 120
(cumulative graduation/retention GPA)
Other GPA requirements, see below.

| GEnERAL EDUCATION REQUIREMENTS: 43 Hours |  |  |
| :---: | :---: | :---: |
| Area | Hours | To be selected from: |
| English Composition \& Oral Communication | 9 | ENGL 1113 or 1313; 1213 or 1413; \& 3323* or AGCM 3103 or BCOM 3113. <br> (See Academic Regulation 3.5 in Catalog) (When ENGL 3323 is substituted for ENGL 1213, the hours in this block are 6.) |
| American History \& Government | 6 | HIST 1103; POLS 1113 |
| Analytical \& Quantitative Thought (A) | 6 | MATH 1513* (or 1483*); STAT 2023* |
| Humanities (H) | 6 | Any course designated (H); must include one lower-division course. |
| Natural Sciences (N) | 9 | BIOL 1114*; CHEM 1215* |
| Social \& Behavioral Sciences (S) | 7 | AGEC 1114*; SPCH 2713* |
| Diversity (D) | -- | Any course designated (D) |
| International Dimension (I) | -- | 12 hours with (I) designation. |
| Scientific Investigation (L) | -- | Any course designated (L) |
| *College \& Departmental requirements that may be used to meet GE requirements. |  |  |
| College/Departmental Requirement: 14 Hours |  |  |
| Agricultural Sciences and Natural Resources | 4 | AG 1011; PLNT 1213 |
| Basic Animal Science Courses | 7 | ANSI 1124; FDSC 1133 |
| Additional Requirements | 3 | ACCT 2103 |

Other Requirements:
A minimum of 40 semester credit hours and 100 grade points must be earned in courses numbered 3000 or above. A 2.00 GPA or higher in upper-division hours.
Students will be held responsible for degree requirements in effect at the time of matriculation and any changes that are made, so long as these changes do not result in semester credit hours being added or do not delay graduation.
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BACHELOR of SCIENCE in AGRICULTURAL SCIENCES and NATURAL RESOURCES
MAJOR: Animal Science OPTION: Livestock Merchandising
Minimum Overall Grade Point Average: 2.00
Total Hours: 120
(cumulative graduation/retention GPA)
Other GPA requirements, see below.

| GEnEral Education Requirements: 43 HoUrS |  |  | Major Requirements: 61 Hours |
| :---: | :---: | :---: | :---: |
| Area | Hours | To be selected from: | Core Courses 28 Hours |
| English Composition \& Oral Communication | 9 | ENGL 1113 or 1313; 1213 or 1413; \& 3323* or AGCM 3103 or BCOM 3113. <br> (See Academic Regulation 3.5 in Catalog) (When ENGL 3323 is substituted for ENGL 1213, the hours in this block are 6.) | ANSI 3242 (or 3310 [2 hours]), $3423,3433,3443,3543,3653,4712,4863$ <br> 6 hours from: ANSI 4023, 4423, 4543, 4553, 4613, 4633, 4643 <br> Additional Core Courses 21 Hours |
| American History \& Government | 6 | HIST 1103; POLS 1113 | $\begin{array}{ll} \text { SC } & 2013,2183 \\ \text { LSB } & 3213 \text { (or AGEC 3713) } \end{array}$ |
| Analytical \& Quantitative Thought (A) | 6 | MATH 1513* (or 1483*); STAT 2023* | 12 hours from: AGCM $2113,3113,3213,3223,3233,4113,4203$ MC $\quad 2003$ |
| Humanities (H) | 6 | Any course designated (H); must include one lower-division course. | $\begin{array}{ll} \text { MKTG } & 3213 \\ \text { MMJ } & 3263,3293,3313,3553,3823 \\ \text { SC } & 3383,3603,4013 \end{array}$ |
| Natural Sciences (N) | 9 | BIOL 1114*; CHEM 1215* | Related Courses 12 Hours |
|  |  |  | Up to 6 hours of upper-division ANSI courses |
| Social \& Behavioral Sciences (S) | 7 | AGEC 1114*; SPCH 2713* | ACCT 2203, 3203 <br> ANSI 39031 or any course designated (I) <br> ZOOL 3204 |
| Diversity (D) | -- | Any course designated (D) | Upper-Division |
|  |  |  | ANSI FIN SC |
| International Dimension (I) | -- | ANSI 3903 ("See Controlled Electives") or any course designated (I). | AGEC MGMT SPM <br> EEE MKTG  <br> FDSC MMJ  |
| Scientific Investigation (L) | -- | Any course designated (L) |  |
| *College \& Departmental requirements that may be used to meet GE requirements. |  |  |  |
| College/Departmental Requirements: 16 Hours |  |  |  |
| Agricultural Sciences and Natural Resources | 13 | AG 1011; ANSI 1124, 2112, 2253; PLNT 1213 |  |
| Additional Requirements | 3 | ACCT 2103 |  |
| Other Requirements: |  |  |  |
| A minimum of 40 semester credit hours and 100 grade points must be earned in courses numbered 3000 or above. A 2.00 GPA or higher in upper-division hours. <br> Students will be held responsible for degree requirements in effect at the time of matriculation and any changes that are made, so long as these changes do not result in semester credit hours being added or do not delay graduation. |  |  |  |
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| GENERAL EDUCATION REQUIREMENTS: 47 HoURS |  |  |
| :--- | :---: | :--- |$|$| Area | Hours | To be selected from: |
| :--- | :---: | :--- |
|  <br> Oral Communication | 9 | ENGL 1113 or 1313; 1213 or 1413; \& 3323* <br> (See Academic Regulation 3.5 in Catalog) |
| American History \& Government | 6 | HIST 1103; POLS 1113 |
| Analytical \& Quantitative Thought <br> (A) | 6 | MATH 1513*, 1613* (or 2103* or STAT <br> 2013*) |
| Humanities (H) | 6 | Any course designated (H); must include <br> one lower-division course. |
| Natural Sciences (N) | 13 | BIOL 1114*; CHEM 1314*; 1515* |

## Major Requirements: 45 Hours <br> Core Courses 18 Hours

ANSI 3423, 3543
ANSI 3903 ${ }^{1}$ or any course designated (I)
9 hours from: ANSI $3433,3443,3653$
OR
9 hours from: $\quad$ FDSC $3113,3154,3333,3373,3603,4763$

Additional Core Courses 8 Hours
5 hours from upper-division organic chemistry BIOC 3653

Related Courses 19 Hours
Choose Alternative 1 or 2.
Alternative 1:
First 2 semesters in the College of Veterinary Medicine OR

Alternative 2:
ANSI 4863
3 hours from: ANSI 4023, 4423, 4543, 4553, 4613, 4633, 4643 Or upper-division FDSC courses.

| 13 hours from: |  |  |  |
| :--- | :--- | :--- | :--- |
| ACCT 2103 | MATH | $2144,2153,2163$ |  |
| ANSI | 4843 | MICR | 3033 |

Up to 6 hours from AG 3010, ANSI 4900 or 4910
Any upper-division course in: AGEC, ANSI, BIOL, ENTO, MICR, NREM, PLNT, SOIL, ZOOL

## Other Requirements:

A minimum of 40 semester credit hours and 100 grade points must be earned in courses numbered 3000 or above. A 2.00 GPA or higher in upper-division hours.
Students will be held responsible for degree requirements in effect at the time of matriculation and any changes that are made, so long as these changes do not result in semester credit hours being added or do not delay graduation.

General Requirements for Students Matriculating in Academic Year 2011-2012
BACHELOR of SCIENCE in AGRICULTURAL SCIENCES and NATURAL RESOURCES
MAJOR: Animal Science OPTION: Production
Minimum Overall Grade Point Average: 2.00
Total Hours: 120
(cumulative graduation/retention GPA)
Other GPA requirements see below.

| GENERAL EDUCATION REQUIREMENTS: 43 HOURS |  |  |
| :--- | :---: | :--- |$|$| Area | Hours | To be selected from: |
| :--- | :---: | :--- |
|  <br> Oral Communication | 9 | ENGL 1113 or 1313; 1213 or 1413; \& 3323* <br> or AGCM 3103 or BCOM 3113. <br> (See Academic Regulation 3.5 in Catag) (When <br> ENGL 3323 is substituted for ENGL 1213, the <br> hours in this block are 6.) |
| American History \& Government | 6 | HIST 1103; POLS 1113 |
| Analytical \& Quantitative Thought | 6 | MATH 1513* or 1483*, 1613 (or 2103* or <br> STAT 2023*) |
| CoLLEGE/DEPARTMENTAL REQUIREMENTS: 20 HoURS |  |  |

## Major Requirements: 57 Hours <br> Core Courses 39 Hours

AGEC 3423
ANSI 3333 (or FDSC 3603), 3423, 3433, 3443, 3543, 3653, 4863
ANSI 4803
ENTO 3003

9 hours from: ANSI 4023, 4423, 4543, 4553, 4613, 4633, 4643

Related Courses 18 Hours
Choose from:
ANSI 3903' or any course designated (I)
ANSI 4910 ( $1-6$ hours)
LSB 3213 (or AGEC 3713)
MCAG 1413
PLNT 2013
SOIL 2124
ZOOL 3204

| Upper-division |  |  |
| :---: | :---: | :---: |
| AGEC | FIN | NREM |
| ANSI | MCAG | PLNT |
| ENTO | MGMT | SOIL |
| EEE | MKTG |  |

No more than 6 hours from ANSI 4900

## Other Requirements:

A minimum of 40 semester credit hours and 100 grade points must be earned in courses numbered 3000 or above. A 2.00 GPA or higher in upper-division hours.
Students will be held responsible for degree requirements in effect at the time of matriculation and any changes that are made, so long as these changes do not result in semester credit hours being added or do not delay graduation.

General Requirements for Students Matriculating in Academic Year 2011-2012
BACHELOR of SCIENCE in AGRICULTURAL SCIENCES and NATURAL RESOURCES
MAJOR: Animal Science OPTION: Ranch Operations
Minimum Overall Grade Point Average: $\mathbf{2 . 0 0}$
(cumulative graduation/retention GPA)
Other GPA requirements see below.

| GENERAL EDUCATION REQUIREMENTS: 43 HOURS |  |  |
| :--- | :---: | :--- |
| Area | Hours | To be selected from: |
|  <br> Oral Communication | 9 | ENGL 1113 or 1313; 1213 or 1413; \& 3323* <br> or AGCM 31130 or BCOM 3113. <br> (See Academic Regulation 3.5 in Catalog) (When <br> ENGL 3323 is substituted for ENGL 1213, the <br> hours in this block are 6.) |
| American History \& Government | 6 | HIST 1103; POLS 1113 |
| Analytical \& Quantitative Thought <br> (A) | 6 | MATH 1513* or 1483*, 1613* (or 2103** or <br> STAT 2013* or 2023*) |
| Humanities (H) | 6 | Any course designated (H); must include <br> one lower-division course. |
| Natural Sciences (N) | 9 | BIOL 1114*; CHEM 1215* |
| Social \& Behavioral Sciences (S) | 7 | AGEC 1114*; SPCH 2713* |


| MAJOR REQUIREMENTS: 53 HoURS |  |
| :---: | :---: |
| Core Courses 45 Hours |  |
| AGEC 3423 |  |
| ANSI 3333, | 3, 3423, 3433, 3443, 3543, 3653, 4203, 4863 |
| 6 hours from: | : ANSI 4423, 4543, 4553, 4613,4633 |
| 12 hours from: | : BOT 3005; |
|  | PLNT 4613; |
|  | NREM 2013, 3613, 4613, 4783, 4793 |
|  | Related Courses 8 Hours |
| Choose from: |  |
| ACCT | 2203 |
| ANSI | 3903 ' or any course designated (I) |
| ANSI | 4910 (1-12 hours) |
| ENTO | 3003 |
| FIN | 3113 |
| LSB | 3213 |
| MGMT | 3013 |
| MKTG | 3213 |
| MICR | 3253 |
| ZOOL | 3204 |
| Any upper-d | -division AGEC, ANSI, ENTO, EEE, FDSC, FIN, MGMT, MKTG, NREM, PLNT, SOIL | MGMT, MKTG, NREM, PLNT, SOIL

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# BACHELOR of SCIENCE in AGRICULTURAL SCIENCES and NATURAL RESOURCES 

MAJOR: Biochemistry and Molecular Biology
Minimum Overall Grade Point Average: 2.00
Total Hours: 120
(cumulative graduation/retention GPA)
Other GPA requirements see below.


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General Requirements for Students Matriculating in Academic Year 2011-2012
BACHELOR of SCIENCE in AGRICULTURAL SCIENCES and NATURAL RESOURCES
MAJOR: Biochemistry and Molecular Biology OPTION: Pre-Medical or Pre-Veterinary Science
Minimum Overall Grade Point Average: 2.00
Total Hours: $\mathbf{1 2 0}$
(cumulative graduation/retention GPA)
Other GPA requirements see below.

| GEnEral Education Requirements: 39 HoURS |  |  | Major Requirements: 40 HoursCore Courses 17 Hours |
| :---: | :---: | :---: | :---: |
| Area | Hours | To be selected from: |  |
| English Composition \& Oral Communication | 6 | ENGL 1113 or 1313; 1213 or 1413 <br> (See Academic Regulation 3.5 in Catalog) | Required for Options 1 \& 2 |
|  |  |  | Choose Option 1 or Option 2 |
| American History \& Government | 6 | HIST 1103; POLS 1113 | Option 1: |
|  |  |  | With the approval of the adviser, department head, and dean, hours of basic sciences |
| Analytical \& Quantitative Thought (A) | 7 | MATH 2144* and 2153* | from an accredited chiropractic, dental, medical, optometry, osteopathic, pharmacy, podiatry, or veterinary medical school to total 40 hours. |
|  |  |  | Option 2: |
| Humanities (H) | 6 | Any course designated (H); must include one lower-division course. | $\begin{array}{ll} \text { BIOC } & 4883 \\ \text { BIOL } & 3023 \text { (or ANSI } 3423 \text { or PLNT 3554) } \end{array}$ |
|  |  |  | At least one course chosen from: BOT 3463, ENTO 3044, ZOOL 3204, 4215 |
| Natural Sciences (N) | 8 | CHEM 1314*; PHYS 1114* (or 2014*) | Hours from the following to total 40 hours: (or related courses with adviser's approval) |
|  |  |  | ANSI 3543 (Required for Pre-vet Students) |
| Social \& Behavioral Sciences (S) | 6 | AGEC $1114^{*}$ \& any course designated (S) | $\begin{array}{ll} \text { BIOC } & 1990^{*}(\text { up to } 2 \mathrm{hrs}), 2101,2200(1-6 \mathrm{hrs}), 4113, \\ & 4224 \text { (or CHEM } 3433 \text { ), 4990*, } 5753,5853 \end{array}$ |
|  |  |  | BIOL 3034 |
| Diversity (D) | -- | Any course designated (D) | BOT 3462 |
|  |  |  | CHEM 2113, 2122, 3353, 3532, 3553, 4020 (1-5 hrs), 4320 (1-3 hrs) |
| International Dimension (I) | -- | Any course designated (I) | ENTO 4854 |
|  |  |  | MATH 2163, 2233, 3013, 3263 |
| Scientific Investigation (L) | -- | Any course designated (L) | MICR $\quad 3143,3154,3223,3253,4012,4112,4123,4133,4134$, $4203,4214,4233,4253,4263,4323,4353,4423$ |
|  |  |  | NSCI 4323 |
| *College \& Departmental requirements that may be used to meet GE requirements. |  |  | PHYS 4313 <br> STAT 4013 |
| College/Departmental Requirements: 33 Hours |  |  | $\begin{array}{ll} \text { ZOOL } & 2104,3114,4104,4133,4134,4223,4231,4273,4283, \\ 4293,4303,4503 \end{array}$ |
| Agricultural Sciences and Natural Resources | 5 | AG 1011 and two courses from the following: Animal Science, Plant Science, and Soil Science (if course used under major requirement, hours in this area are 1) | *Note: Total from BIOC 1990 and 4990 may not exceed 10 hours. |
| Additional Requirements | 28 | BIOL 1114; CHEM 1515; ENGL 3323; <br> MICR 2123 \& 2132; <br> PHYS 1214 (or 2114); <br> SPCH 2713; ZOOL 1604 (or BOT 1404) | Electives: 8 Hours. |

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Minimum Overall Grade Point Average: 2.00
(cumulative graduation/retention GPA) Other GPA requirements see below.


## Other Requirements:

A minimum of 40 semester credit hours and 100 grade points must be earned in courses numbered 3000 or above. A 2.00 GPA or higher in upper-division hours.
Students will be held responsible for degree requirements in effect at the time of matriculation and any changes that are made, so long as these changes do not result in semester credit hours being added or do not delay graduation.

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Minimum Overall Grade Point Average: 2.00
(cumulative graduation/retention GPA)
Other GPA requirements see below.

| GENERAL EDUCATION REQUIREMENTS: 42 HoURS |  |  |
| :--- | :---: | :--- |
| Area | Hours | To be selected from: |
|  <br> Oral Communication | 6 | ENGL 1113 or 1313; \& 1213 or 1413 or <br> $3323^{*}$ (See Academic Regulation 3.5 in Catalog) |
| American History \& Government | 6 | HIST 1103; POLS 1113 |
| Analytical \& Quantitative Thought <br> (A) | 9 | MATH 1513, 1613, 2103 or 2133 or 2144 |
| Humanities (H) | 6 | Any lower-division course designated (H); <br> and one of the following: PHIL 3413* or <br> $3513^{*}$ or 3803* or 3823* or 3833* or 3843*. |
| Natural Sciences (N) | 8 | BIOL 1114*; CHEM 1314* or CHEM 1215** |
| Social \& Behavioral Sciences (S) | 7 | AGEC 1114*; SPCH 2713** |
| Diversity (D) | -- | Any course designated (D) |
| International Dimension (I) | -- | Any course designated (I) |
| Scientific Investigation (L) | -- | Any course designated (L) |
| *College \& Departmental requirements that may be used to meet GE requirements. |  |  |

College/Departmental Requirements: 32 Hours

| Agricultural Sciences and <br> Natural Resources | 4 | AG 1011; ENVR 1113 |
| :--- | :---: | :--- |
| Additional Requirements | 28 | BOT 1404 or ZOOL 1604; <br> CHEM 1515 or CHEM 1225; <br> BIOC 2344 or CHEM 3015; <br> ENGL 332 (If substitued for ENGL 1213 above <br> then hours in this block are 28); <br> GEOL 1114; <br> SOIL 2124; <br> PHYS 1114 or 2014 |

## Major Requirements: 54 Hours

|  | Core Courses25 Hours <br> AGEC |  | 3503 |
| :--- | :--- | :--- | :--- |
| NREM | 4413 |  |  |
| BIOL | 3034 | GEOL | 3503 |
| ENVR | $3113,4112,4811,4813$ | POLS | 4363 or 4593 |

Additional Core Courses 12 Hours AGEC 4503
NREM 4343 or 4053
SOC 4433
STAT 2013 or 2023 or 4013

Related Courses 17 Hours
Select from:
ANTH 3353
BOT 3253
CIVE 4823
ECON 3903
ENGL 2413
ENTO 2223, 2993, 4223, 4484
ENVR 4512
GEOG 2253, 2343, 3023, 3153
GEOL 1014
HIST 3683,3793,4493
HORT 2123,4933
NREM 2013, 3213, 3083, 3513, 3613, 4053*, 4343*
PHYS 1214 or 2114
POLS 3493, 4363*, 4593*
SOC 1113
SOIL $3433,4213,4234,4363,4463,4483,4913$
ZOOL 4303

## Electives: 0 Hours

Hours to complete required total.
If ENGL 3323 is used to satisfy English Composition and Oral Communication requirements -3 credit hours.

## Other Requirements:

A minimum of 40 semester credit hours and 100 grade points must be earned in courses numbered 3000 or above. A 2.00 GPA or higher in upper-division hours.
Students will be held responsible for degree requirements in effect at the time of matriculation and any changes that are made, so long as these changes do not result in semester credit hours being added or do not delay graduation.

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BACHELOR of SCIENCE in AGRICULTURAL SCIENCES and NATURAL RESOURCES
MAJOR: Environmental Science OPTION: Natural Resources
Minimum Overall Grade Point Average: 2.00
Total Hours: 128
(cumulative graduation/retention GPA)
Other GPA requirements see below.

| GEnEral Education Requirements: 42 Hours |  |  |
| :---: | :---: | :---: |
| Area | Hours | To be selected from: |
| English Composition \& Oral Communication | 6 | ENGL 1113 or 1313 ; \& 1213 or 1413 or 3323 (See Academic Regulation 3.5 in Catalog) |
| American History \& Government | 6 | HIST 1103; POLS 1113 |
| Analytical \& Quantitative Thought (A) | 9 | MATH 1513, 1613, 2103 or 2133 or 2144 |
| Humanities (H) | 6 | Any lower-division course designated (H); and one of the following: PHIL 3413* or 3513* or 3803* or 3823* or $3833^{*}$ or $3843^{*}$. |
| Natural Sciences (N) | 8 | BIOL 1114*; CHEM 1314* or CHEM 1215* |
| Social \& Behavioral Sciences (S) | 7 | AGEC 1114*; SPCH 2713* |
| Diversity (D) | -- | Any course designated (D) |
| International Dimension (I) | -- | Any course designated (I) |
| Scientific Investigation (L) | -- | Any course designated (L) |
| *College \& Departmental requirements that may be used to meet GE requirements. |  |  |
| College/Departmental Requirements: 32 Hours |  |  |
| Agricultural Sciences and Natural Resources | 4 | AG 1011; ENVR 1113 |
| Additional Requirements | 28 | BOT 1404 or ZOOL 1604; <br> CHEM 1515 or CHEM 1225; <br> BIOC 2344 or CHEM 3015; <br> ENGL 3323 (If substituted for ENGL 1213 above then hours in this block are 28); <br> GEOL 1114; <br> SOIL 2124; <br> PHYS 1114 or 2014 |



## Electives: 0 Hours

Hours to complete required total.
If ENGL 3323 is used to satisfy English Composition and Oral Communication requirements -3 credit hours.

## Other Requirements:

A minimum of 40 semester credit hours and 100 grade points must be earned in courses numbered 3000 or above. A 2.00 GPA or higher in upper-division hours.
Students will be held responsible for degree requirements in effect at the time of matriculation and any changes that are made, so long as these changes do not result in semester credit hours being added or do not delay graduation.

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General Requirements for Students Matriculating in Academic Year 2011-2012
BACHELOR of SCIENCE in AGRICULTURAL SCIENCES and NATURAL RESOURCES
MAJOR: Environmental Science OPTION: Water Resources
Minimum Overall Grade Point Average: 2.00
(cumulative graduation/retention GPA)
Other GPA requirements see below.

| GEnERAL EDUCATION REQUIREMENTS: 42 Hours |  |  |
| :---: | :---: | :---: |
| Area | Hours | To be selected from: |
| English Composition \& Oral Communication | 6 | ENGL 1113 or 1313; \& 1213 or 1413 or 3323 (See Academic Regulation 3.5 in Catalog) |
| American History \& Government | 6 | HIST 1103; POLS 1113 |
| Analytical \& Quantitative Thought (A) | 9 | MATH 1513, 1613, 2103 or 2123 or 2144 |
| Humanities (H) | 6 | Any lower-division course designated (H); and one of the following: PHIL 3413* or $3513^{*}$ or $3803^{*}$ or $3823^{*}$ or $3833^{*}$ or $3843^{*}$. |
| Natural Sciences (N) | 8 | BIOL 1114*; CHEM 1314* or CHEM 1215* |
| Social \& Behavioral Sciences (S) | 7 | AGEC 1114*; SPCH 2713* |
| Diversity (D) | -- | Any course designated (D) |
| International Dimension (I) | -- | Any course designated (I) |
| Scientific Investigation (L) | -- | Any course designated (L) |
| *College \& Departmental requirements that may be used to meet GE requirements. |  |  |
| College/Departmental Requirements: 32 Hours |  |  |
| Agricultural Sciences and Natural Resources | 4 | AG 1011; ENVR 1113 |
| Additional Requirements | 28 | BOT 1404 or ZOOL 1604; <br> CHEM 1515 or CHEM 1225; <br> BIOC 2344 or CHEM 3015; <br> ENGL 3323 (If substituted for ENGL 1213 above <br> then hours in this block are 28); <br> GEOL 1114; <br> SOIL 2124; <br> PHYS 1114 or 2014 |



## Electives: 0 Hours

Hours to complete required total.
If ENGL 3323 is used to satisfy English Composition and Oral Communication requirements -3 credit hours.

## Other Requirements:

A minimum of 40 semester credit hours and 100 grade points must be earned in courses numbered 3000 or above. A 2.00 GPA or higher in upper-division hours.
Students will be held responsible for degree requirements in effect at the time of matriculation and any changes that are made, so long as these changes do not result in semester credit hours being added or do not delay graduation.

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General Requirements for Students Matriculating in Academic Year 2011-2012
BACHELOR of SCIENCE in AGRICULTURAL SCIENCES and NATURAL RESOURCES
MAJOR: Food Science OPTION: Industry
Minimum Overall Grade Point Average: 2.00
(cumulative graduation/retention GPA)
Other GPA requirements see below.

| GENERAL EDUCATION REQUIREMENTS: 48 Hours |  |  |
| :---: | :---: | :---: |
| Area | Hours | To be selected from: |
| English Composition \& Oral Communication | 9 | ENGL 1113 or 1313; 1213 or 1413; \& 3323* or AGCM 3103* or BCOM 3113 <br> (See Academic Regulation 3.5 in Catalog) (When ENGL 3323 is substituted for ENGL 1213, the hours in this block are 6 .) |
| American History \& Government | 6 | HIST 1103*; POLS 1113* |
| Analytical \& Quantitative Thought <br> (A) | 6 | MATH 1513* (or 1483*), 1613* (or 2103* or STAT 2013* or 2023*) |
| Humanities (H) | 6 | Any course designated (H); must include one lower-division course. |
| Natural Sciences ( N ) | 14 | BIOL 1114*; CHEM 1215*, 1225 |
| Social \& Behavioral Sciences (S) | 7 | AGEC 1114*; SPCH 2713* |
| Diversity (D) | -- | Any course designated (D) |
| International Dimension (I) | -- | Any course designated (I) |
| Scientific Investigation (L) | -- | Any course designated (L) |
| *College \& Departmental requirements that may be used to meet GE requirements. |  |  |
| College/Departmental Requirements: 24 Hours |  |  |
| Agricultural Sciences and Natural Resources | 4 | AG 1011; FDSC 1133 |
| Additional Requirements | 20 | ANSI 1124; <br> FDSC 2253; BIOC 2344; <br> MICR 2123 and 2132; <br> PHYS 1014 |

## Other Requirements:

A minimum of 40 semester credit hours and 100 grade points must be earned in courses numbered 3000 or above. A 2.00 GPA or higher in upper-division hours.
Students will be held responsible for degree requirements in effect at the time of matriculation and any changes that are made, so long as these changes do not result in semester credit hours being added or do not delay graduation.

General Requirements for Students Matriculating in Academic Year 2011-2012
BACHELOR of SCIENCE in AGRICULTURAL SCIENCES and NATURAL RESOURCES
MAJOR: Food Science OPTION: Meat Science
Minimum Overall Grade Point Average: 2.00
(cumulative graduation/retention GPA)
Other GPA requirements see below.

| GEnERAL EdUCATION REQUIREMENTS: 43 HoUrS |  |  | MAJOR REQUIREMENTS: 57 HourS |  |
| :---: | :---: | :---: | :---: | :---: |
| Area | Hours | To be selected from: |  | Core Courses 45 Hours |
| English Composition \& Oral Communication | 9 | ENGL 1113 or 1313 ; 1213 or 1413 ; \& 3323* or AGCM 3103* or BCOM 3113 <br> (See Academic Regulation 3.5 in Catalog) (When ENGL 3323 is substituted for ENGL 1213, the hours in this block are 6.) | ANSI FDSC 9 | $3232,3333,3373,4023,4123,4333,4763,$ <br> s) $3310,3603,4373,4763$ |
| American History \& Government | 6 | HIST 1103*; POLS 1113* |  | lated Courses 12 Hours |
| Analytical \& Quantitative Thought (A) | 6 | MATH 1513* (or 1483*), $1613^{*}$ (or 2103 or STAT 2013 or 2023) | Choose 12 <br> ACCT, AG <br> MGMT, NS | the following areas: <br> GGCM, CHEM, FDSC, PLNT, MICR, <br> Foreign Language |
| Humanities (H) | 6 | Any course designated (H); must include one lower-division course. |  |  |
| Natural Sciences (N) | 9 | BIOL 1114*; CHEM 1215 |  |  |
| Social \& Behavioral Sciences (S) | 7 | AGEC 1114*; SPCH 2713* |  |  |
| Diversity (D) | -- | Any course designated (D) |  |  |
| International Dimension (I) | -- | Any course designated (I) |  |  |
| Scientific Investigation (L) | -- | Any course designated (L) |  |  |
| *College \& Departmental requirements that may be used to meet GE requirements. |  |  |  |  |
| College/Departmental Requirements: 20 Hours |  |  |  |  |
| Agricultural Courses | 4 | AG 1011; FDSC 1133 |  |  |
| Additional Requirements | 16 | ANSI 1124; <br> FDSC 2253; BIOC 2344 (or CHEM 1225); MICR 2123 and 2132 |  |  |

## Other Requirements:

A minimum of 40 semester credit hours and 100 grade points must be earned in courses numbered 3000 or above. A 2.00 GPA or higher in upper-division hours.
Students will be held responsible for degree requirements in effect at the time of matriculation and any changes that are made, so long as these changes do not result in semester credit
hours being added or do not delay graduation.

General Requirements for Students Matriculating in Academic Year 2011-2012
BACHELOR of SCIENCE in AGRICULTURAL SCIENCES and NATURAL RESOURCES
MAJOR: Food Science OPTION: Science
Minimum Overall Grade Point Average: 2.00
Total Hours: 120
(cumulative graduation/retention GPA)
Other GPA requirements see below.


## Other Requirements:

A minimum of 40 semester credit hours and 100 grade points must be earned in courses numbered 3000 or above. A 2.00 GPA or higher in upper-division hours.
Students will be held responsible for degree requirements in effect at the time of matriculation and any changes that are made, so long as these changes do not result in semester credit hours being added or do not delay graduation.

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BACHELOR of SCIENCE in AGRICULTURAL SCIENCES and NATURAL RESOURCES
MAJOR: Horticulture OPTION: Horticultural Business
Minimum Overall Grade Point Average: 2.00
Total Hours: 120
(cumulative graduation/retention GPA)
Other GPA requirements see below.

| GEnERAL EDUCATION REQUIREMENTS: 43 HoUrs |  |  |
| :---: | :---: | :---: |
| Area | Hours | To be selected from: |
| English Composition \& Oral Communication | 6 | ENGL 1113 or 1313; \& 1213 or 1413 or 3323 (See Academic Regulation 3.5 in Catalog) |
| American History \& Government | 6 | HIST 1103; POLS 1113 |
| Analytical \& Quantitative Thought (A) | 6 | MATH 1513*; STAT 2023* |
| Humanities (H) | 6 | Any course designated $(H)$; must include one lower-division course. |
| Natural Sciences (N) | 12 | BIOL 1114*; BOT 1404*; CHEM 1215* (or 1314*) |
| Social \& Behavioral Sciences (S) | 7 | AGEC 1114*; SPCH 2713* |
| Diversity (D) | -- | Any course designated (D) |
| International Dimension (I) | -- | Any course designated (I) |
| Scientific Investigation (L) | -- | Any course designated (L) |
| *College \& Departmental requirements that may be used to meet GE requirements. |  |  |
| College/Departmental Requirements: 11 Hours |  |  |
| Agricultural Sciences and Natural Resources | 8 | AG 1011; HORT 1013; SOIL 2124 |
| Communications Courses | 3 | 3 hours from: BCOM 3113, 3223 |


A. Choose either (a) the College of Agricultural Sciences and Natural Resources minor in Agricultural Economics or (b) a minor for non-business majors from the Spears School of Business.
(a) 15 hours from:

Five upper-division (3 hrs) AGEC courses excluding AGEC 3010, 3101, 3183, 3990, 4101, 4990
(b) 15 hours from: ACCT 2203; ECON 2203; LSB 3213;

FIN 3113; MKTG 3213
B. 17 hours from: (11 hours must be upper-division.)

HORT 2123, 2513, 2613, 3013, 3153, 3213, 3433, 3513, 3612, 4453, $4543,4713,4773,4901,4903,4933,4943,4953,4973$

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Minimum Overall Grade Point Average: 2.00
Total Hours: 120
(cumulative graduation/retention GPA)
Other GPA requirements see below.

| GENERAL EDUCATION REQUIREMENTS: 48 HoURS |  |  |
| :--- | :---: | :--- |
| Area | Hours | To be selected from: |
|  <br> Oral Communication | 6 | ENGL 1113 or 1313; \& 1213 or 1413 or <br> 3323 (See Academic Regulation 3.5 in Catalog) |
| American History \& Government | 6 | HIST 1103; POLS 1113 |
| Analytical \& Quantitative Thought <br> (A) | 6 | MATH 1483* (1493 not acceptable for this <br> option) or MATH 1513*; \& 1613* or 3 hours <br> STAT* designated (A) |
| Humanities (H) | 6 | Any course designated (H); must include <br> one lower-division course. |
| Natural Sciences (N) | 17 | BIOL 1114*; BOT 1404*; CHEM 1215* (or <br> 1314*); 1225* (or 1515*) |
| International Dimension (I) | -- | Any course designated (I) |
| Social \& Behavioral Sciences (S) | 7 | AGEC 1114*; SPCH 2713* |
| Anersity (D) | -- | Any course designated (L) |

*College \& Departmental requirements that may be used to meet GE requirements.

College/Departmental Requirements: 11 Hours

| Agricultural Sciences and <br> Natural Resources | 8 | AG 1011; HORT 1013; SOIL 2124 |
| :--- | :---: | :--- |
| Communications Courses | 3 | ENGL 3323 (If ENGL 3323 is substituted for <br> ENGL 1213 above, then hours in this block are <br> zero) |



## Electives: 3 Hours

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# BACHELOR of SCIENCE in AGRICULTURAL SCIENCES and NATURAL RESOURCES 

MAJOR: Horticulture OPTION: Public Horticulture
Minimum Overall Grade Point Average: 2.00
Total Hours: 120 (cumulative graduation/retention GPA)

Other GPA requirements see below.

| GEnERAL EDUCATION REQUIREMENTS: 51 Hours |  |  |
| :---: | :---: | :---: |
| Area | Hours | To be selected from: |
| English Composition \& Oral Communication | 6 | ENGL 1113 or 1313; \& 1213 or 1413 or 3323 (See Academic Regulation 3.5 in Catalog) |
| American History \& Government | 6 | HIST 1103; POLS 1113 |
| Analytical \& Quantitative Thought (A) | 6 | MATH 1483* (1493 not acceptable for this option) or MATH 1513*; \& 1613* or 3 hours STAT* designated (A) |
| Humanities (H) | 6 | Any course designated (H); must include one lower-division course. |
| Natural Sciences (N) | 17 | BIOL 1114*; BOT 1404*; CHEM 1215* (or 1314*); 1225* (or 1515*) |
| Social \& Behavioral Sciences (S) | 10 | AGEC 1114*; PSYC 1113* (or SOC 1113*); SPCH 2713* |
| Diversity (D) | -- | Any course designated (D) |
| International Dimension (I) | -- | Any course designated (I) |
| Scientific Investigation (L) | -- | Any course designated (L) |

*College \& Departmental requirements that may be used to meet GE requirements.
College/Departmental Requirements: 11 Hours

| Agricultural Sciences and <br> Natural Resources | 8 | AG 1011; HORT 1013; SOIL 2124 |
| :--- | :---: | :--- |
| Communications Courses | 3 | AGCM 3103 or ENGL 3323 (If ENGL 3323 is <br> substitued for ENGG. 1213 above, then hours in <br> this block are zero) |

## ELectives: 2 Hours

## Other Requirements:

A minimum of 40 semester credit hours and 100 grade points must be earned in courses numbered 3000 or above. A 2.00 GPA or higher in upper-division hours. A 2.25 GPA or higher is required in courses listed in the Major Requirements column above.

Students will be held responsible for degree requirements in effect at the time of matriculation and any changes that are made, so long as these changes do not result in semester credit hours being added or do not delay graduation.

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BACHELOR of SCIENCE in AGRICULTURAL SCIENCES and NATURAL RESOURCES
MAJOR: Horticulture OPTION: Turf Management
Minimum Overall Grade Point Average: 2.00 (cumulative graduation/retention GPA)

Other GPA requirements see below.

| General Education Requirements: 48 Hours |  |  |
| :---: | :---: | :---: |
| Area | Hours | To be selected from: |
| English Composition \& Oral Communication | 6 | ENGL 1113 or 1313; \& 1213 or 1413 or <br> 3323 (See Academic Regulation 3.5 in Catalog) |
| American History \& Government | 6 | HIST 1103; POLS 1113 |
| Analytical \& Quantitative Thought (A) | 6 | MATH 1483* or 1513* (1493 not acceptable for this option); \& 1613* or 3 hours STAT* designated (A) |
| Humanities (H) | 6 | Any course designated (H); must include one lower-division course. |
| Natural Sciences (N) | 17 | BIOL 1114*; BOT 1404*; <br> CHEM 1215* (or 1314*); 1225* (or 1515*) |
| Social \& Behavioral Sciences (S) | 7 | AGEC 1114*; SPCH 2713* |
| Diversity (D) | -- | Any course designated (D) |
| International Dimension (I) | -- | Any course designated (I) |
| Scientific Investigation (L) | -- | Any course designated (L) |
| *College \& Departmental requirements that may be used to meet GE requirements. |  |  |



## Electives: 4 Hours

| Agricultural Sciences and <br> Natural Resources | 8 | AG 1011; HORT 1013; SOIL 2124 |
| :--- | :---: | :--- |
| Communications Courses | 3 | 3 hours from: BCOM 3113,3223 or ENGL <br> 3323 (If ENGL 3323 is substituted for ENGL 1213 <br> above, then hours in this block are zero) |

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(cumulative graduation/retention GPA) Other GPA requirements see below.

| GENERAL EDUCATION REQUIREMENTS: 39 HoURS |  |  |
| :--- | :---: | :--- |
| Area | Hours | To be selected from: |
|  <br> Oral Communication | 6 | ENGL 1113 or 1313; \& 1213 or 1413 or <br> 3323 (See Academic Regulation 3.5 in Catalog) |
| American History \& Government | 6 | HIST 1103; POLS 1113 |
| Analytical \& Quantitative Thought <br> (A) | 6 | MATH 1513* and 1613* |
| Humanities (H) | 6 | Any course designated (H); must include <br> one lower-division course. |
| Natural Sciences (N) | 8 | BIOL 1114* (or BOT 1404*); <br> CHEM 1215* (or 1314*) |
| Social \& Behavioral Sciences (S) | 7 | AGEC 1114*; SPCH 2713* |
| Diversity (D) | -- | Any course designated (D) |
| International Dimension (I) | -- | Any course designated (I) |
| Scientific Investigation (L) | Any course designated (L) |  |
| College \& Departmental requirements that may be used to meet GE requirements. |  |  |


| COLLEGE/DEPARTMENTAL REQUIREMENTS: 14 HOURS |  |  |
| :--- | :---: | :--- |
| Agricultural Sciences and <br> Natural Resources | 5 | AG 1011; SOIL 2124 |
| Communications Courses | 9 | LA 2213, 2223; <br> 3 hours from: BCOM 3113, 3223; or ENGL <br> 3323 (If ENGL 3323 is substituted for ENGL <br> 1213 above, then hours in this block are 6) |

## Major Requirements: 67 Hours <br> Core Courses 64 Hours

ACCT 2103
HORT 1013, 2010 (or LA 3010) 3 hours, 2513, 2613, 3013, 3153, 3513, 3612
LA 1013, 2323, 3314, 3324, 3884, 4034, 4894
LSB 3213
MCAG 2313
MKTG 3213 or HORT 3253
SPAN (3 credits)
Related Courses 3 Hours
Choose 3 hours from the following:
CMT 1214, 2263, 2343, 3273, 4263, 4283
ENTO 2993
GEOG 3123
HORT 3084, 3113, 4453, 4543, 4973
LA $\quad 3112,3673,3894,4433$
MCAG 3211
PLNT 3113
PLP 3343, 3663
SOIL 4234
Any OSU approved International Travel Course

Other Studies: Requires study plan approved by adviser, program director, and department head.

Other Requirements:
A minimum of 40 semester credit hours and 100 grade points must be earned in courses numbered 3000 or above. A 2.00 GPA or higher in upper-division hours. A 2.25 GPA or higher is required in courses listed in the Major Requirements column above.

Students will be held responsible for degree requirements in effect at the time of matriculation and any changes that are made, so long as these changes do not result in semester credit hours being added or do not delay graduation.

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General Requirements for Students Matriculating in Academic Year 2011-2012
BACHELOR of SCIENCE in AGRICULTURAL SCIENCES and NATURAL RESOURCES
MAJOR: Natural Resource Ecology \& Management Option: Fire Ecology \& Management
Minimum Overall Grade Point Average: 2.00
(cumulative graduation/retention GPA)
Other GPA requirements see below.


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MAJOR: Natural Resource Ecology \& Management<br>Minimum Overall Grade Point Average: 2.00 (cumulative graduation/retention GPA)<br>Other GPA requirements see below.

| GENERAL EDUCATION REQUIREMENTS: 43 HoURS |  |  |
| :--- | :---: | :--- |
| Area | Hours | To be selected from: |
|  <br> Oral Communication | 6 | ENGL 1113 or 1313; \& 1213 or 1413 or <br> 3323 (See Academic Regulation 3.5 in Catalog) |
| American History \& Government | 6 | HIST 1103; POLS 1113 |
| Analytical \& Quantitative Thought <br> (A) | 6 | MATH 1513*; <br> MATH 2103 or STAT 2013 |
| Humanities (H) | 6 | Any course designated (H); must include <br> one lower-division course. |
| Natural Sciences (N) | 12 | BIOL 1114*; CHEM 1314* or 1215*; <br> PHYS 1014 or GEOL 1114* |
| Social \& Behavioral Sciences (S) | 7 | AGEC 1114*; SPCH 2713** |
| Diversity (D) | -- | Any course designated (D) |
| International Dimension (I) | -- | Any course designated (I) |
| Scientific Investigation (L) | -- | Any course designated (L) |
| *Cole \& Dear al |  |  |


| *College \& Departmental requirements that may be used to meet GE requirements. |  |  |
| :--- | :---: | :--- |
| COLLEGE/DEPARTMENTAL REQUIREMENTS: 22 HoURS |  |  |$|$| Agricultural Sciences and <br> Natural Resources | 6 | AG 1011; NREM 1012, 2013 |
| :--- | :---: | :--- |
| Natural Sciences | 13 | BOT 1404; CHEM 1515 or 1225; <br> ZOOL 1604 |
| Written Communications | 3 | AGCM 3103 or BCOM 3113 or ENGL 3323 <br> (If ENGL 3323 is substitued for ENGL 1213 <br> above, then hours in this block become free <br> electives) |

General Education Requirements: 43 Hours
*College \& Departmental requirements that may be used to meet GE requirements.

Option: Fisheries \& Aquatic Ecology
Total Hours: 125

## MAJOR Requirements: 60 Hours <br> Core Courses 44 Hours

NREM 3073 or BIOL 3023 or PLNT 3554 or ANSI 3423
BIOL 3034
BOT $\quad 3005$ or 4214
NREM $3513,3523,4414,4424,4443$
STAT $\quad 3013$ or 4013
ZOOL 3104 (or ENTO 4484), 4115, 4434

Related Courses 16 Hours
6 hours from the following: *

| AGEC | 3503 |
| :--- | :--- |
| ENVR | 4512,4813 |
| GEOG | 3153 |
| HIST | 4523 |
| NREM | $4043,4053,4063$ |
| POLS | 4363,4593 |
| SOC | 4433 |

10 hours from the following: *

| ANSI | 3543 |
| :--- | :--- |
| GEOG | 4343 |
| NREM | $3083,3103,3224,3502,3613,4023,4033,4043,4053,4063$, |
|  | $4093,4403,4513,4524,4543,4960,4980,4990$ |
| ZOOL | $3114,3153,4113,4133,4174,4273,4303$ |

*or other courses selected in consultation with a faculty adviser.
May include lower-division courses. May not include courses selected above.

## Other Requirements:

A minimum of 40 semester credit hours and 100 grade points must be earned in courses numbered 3000 or above. A 2.00 GPA or higher in upper-division hours.
Students will be held responsible for degree requirements in effect at the time of matriculation and any changes that are made, so long as these changes do not result in semester credit hours being added or do not delay graduation.

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General Requirements for Students Matriculating in Academic Year 2011-2012
BACHELOR of SCIENCE in AGRICULTURAL SCIENCES and NATURAL RESOURCES
MAJOR: Natural Resource Ecology \& Management Option: Forest Ecology \& Management
Minimum Overall Grade Point Average: 2.00
(cumulative graduation/retention GPA)
Other GPA requirements see below.

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General Requirements for Students Matriculating in Academic Year 2011-2012
BACHELOR of SCIENCE in AGRICULTURAL SCIENCES and NATURAL RESOURCES

MAJOR: Natural Resource Ecology \& Management
Minimum Overall Grade Point Average: 2.00
(cumulative graduation/retention GPA)
Other GPA requirements see below.

| General Education Requirements: 46 Hours |  |  |
| :---: | :---: | :---: |
| Area | Hours | To be selected from: |
| English Composition \& Oral Communication | 6 | ENGL 1113 or 1313; \& 1213 or 1413 or 3323 (See Academic Regulation 3.5 in Catalog) |
| American History \& Government | 6 | HIST 1103; POLS 1113 |
| Analytical \& Quantitative Thought (A) | 6 | MATH $1483^{*}$ or $1513^{*}$; STAT $2013^{*}$ or 4013* |
| Humanities (H) | 6 | HIST 4523*; \& a lower-division course designated (H) |
| Natural Sciences ( N ) | 12 | BIOL 1114*; CHEM 1314* or 1215*; GEOL 1114* |
| Social \& Behavioral Sciences (S) | 7 | AGEC 1114*; SPCH 2713* |
| Diversity (D) | 3 | AGLE 2403* |
| International Dimension (I) | -- | Any course designated (I) |
| Scientific Investigation (L) | -- | Any course designated (L) |
| *College \& Departmental requirements that may be used to meet GE requirements. |  |  |
| College/Departmental Requirements: 29 Hours |  |  |
| Agricultural Sciences and Natural Resources | 18 | AG 1011; ENTO 2993; NREM 1012, 1014, 2134; SOIL 2124 |
| Natural Sciences | 8 | BOT 1404; ZOOL 1604 |
| Written Communications | 3 | AGCM 3103 |

## Option: Natural History \& Conservation Total Hours: 130

General Requirements for Students Matriculating in Academic Year 2011-2012
BACHELOR of SCIENCE in AGRICULTURAL SCIENCES and NATURAL RESOURCES
MAJOR: Natural Resource Ecology \& Management Option: Rangeland Ecology \& Management
Minimum Overall Grade Point Average: 2.00
(cumulative graduation/retention GPA)
Other GPA requirements see below.

Total Hours: 125

| GENERAL EDUCATION REQUIREMENTS: 43 HoURS |  |  |
| :--- | :---: | :--- |
| Area | Hours | To be selected from: |
|  <br> Oral Communication | 6 | ENGL 1113 or 1313; \& 1213 or 1413 or <br> 3323 (See Academic Regulation 3.5 in Catalog) |
| American History \& Government | 6 | HIST 1103; POLS 1113 |
| Analytical \& Quantitative Thought <br> (A) | 6 | MATH 1513* or 1613*; STAT 2013* |
| Humanities (H) | 6 | Any course designated (H); must include <br> one lower-division course. |
| Natural Sciences (N) | 12 | BIOL 1114*; CHEM 1215* (or 1314*); <br> GEOL 1114* |
| Social \& Behavioral Sciences (S) | 7 | AGEC 1114*; SPCH 2713* |
| Diversity (D) | -- | Any course designated (D) |
| Scientific Investigation (L) | -- | Any course designated (I) |
| *College \& Departmental requirements that may be used to meet GE requirements. |  |  |

College/Departmental Requirements: 26 Hours

| Agricultural Sciences and <br> Natural Resources | 10 | AG 1011; NREM 1012, 2013; SOIL 2124 |
| :--- | :---: | :--- |
| Natural Sciences | 13 | BOT 1404; CHEM 1515 or 1225; <br> ZOOL 1604 |
| Written Communications | 3 | AGCM 3103 or BCOM 3113 or ENGL 3323 <br> (If ENGL 3323 is substituted for ENGL 1213 <br> above, then hours in this block become free <br> electives) |

## Major Requirements: 56 Hours

Core Courses 44 Hours BOT 3005
NREM 3083, 3613, 4023, 4033, 4343, 4443, 4513, 4613, 4783
NREM 4053 or 4063
ANSI 3543
SOIL 3433 or 4563
One course from: NREM 3063, 3073, 3213, 3224, 3323, 3343, 4043, 4093, 4213

Related Courses 12 Hours
Select courses from among the following in consultation with a faculty advisor for additional breadth, or to create a specialty emphasis area. May not use a course used above in Core Courses.

| AGEC | 3423, 3503 |
| :---: | :---: |
| ANSI | 1124, 3433, 3653, 4203, 4613 |
| BIOL | 3023 or ANSI 3423 or PLNT 3554 or NREM 3073 |
| BIOL | 3034 |
| BOT | 3024, 3114, 3463, 4023 |
| ENTO | 2993, 3331, 4223 |
| ENVR | 1113, 4512 |
| GEOG | 2323, 3023, 3033, 3153, 3333, 4053, 4333, 4343 |
| GEOL | 3503 |
| NREM | $2134,3103,3213,3224,3502,3513,3713,4053,4063,4093,4213$, $4403,4464,4524,4543,4793,4960,4980,4990$ |
| PLP | 3343 |
| PLNT | 1213; 3111; 3211 and 3221 and 3231; 4613 |
| POLS | 4593 |
| SOIL | 3433, 4463, 4483, 4563, 4683 |
| ZOOL | 4113, 4115, 4133, 4174, 4303 |

## Other Requirements:

A minimum of 40 semester credit hours and 100 grade points must be earned in courses numbered 3000 or above. A 2.00 GPA or higher in upper-division hours.
Students will be held responsible for degree requirements in effect at the time of matriculation and any changes that are made, so long as these changes do not result in semester credit hours being added or do not delay graduation.

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# MAJOR: Natural Resource Ecology \& Management <br> Minimum Overall Grade Point Average: 2.00 <br> (cumulative graduation/retention GPA) <br> Other GPA requirements see below. 

| GENERAL EDUCATION REQUIREMENTS: 43 HOURS |  |  |
| :--- | :---: | :--- |
| Area | Hours | To be selected from: |
|  <br> Oral Communication | 6 | ENGL 1113 or 1313; \& 1213 or 1413 or <br> 3323 (See Academic Regulation 3.5 in Catalog) |
| American History \& Government | 6 | HIST 1103; POLS 1113 |
| Analytical \& Quantitative Thought <br> (A) | 6 | MATH 2103*; STAT 2013* or 4013* |
| Humanities (H) | 6 | Any course designated (H); must include <br> one lower-division course. |
| Natural Sciences (N) | 12 | BIOL 1114*; CHEM 1314*; PHYS 1114* |
| Social \& Behavioral Sciences (S) | 7 | AGEC 1114*; SPCH 2713* |
| Diversity (D) | -- | Any course designated (D) |
| International Dimension (I) | -- | Any course designated (I) |
| Scientific Investigation (L) | - | Any course designated (L) |
| Written Communications | 3 | AGCM 3103 or BCOM 3113 or ENGL 3323 <br> (If ENGL 3323 is substitued for ENGL 1213 <br> above, then hours in this block become free <br> electives) |
| *College \& Departmental requirements that may be used to meet GE requirements. |  |  |
| COLLEGE/DEPARTMENTAL REQUIREMENTS: 35 HoURS |  |  |
| Agricultural Sciences and <br> Natural Resources | 10 | AG 1011; NREM 1012, 2013; SOIL 2124 |
| Natural Sciences | 22 | BOT 1404; CHEM 1515; MICR 2123, 2132; <br> PHYS 1214; ZOOL1604 |

## Major Requirements: 52 Hours

Core Courses 40 Hours

| ANSI | 3543 |
| :--- | :--- |
| BIOC | $3653^{\star *}$ |
| BIOL | $3023 ; 3034$ |
| CHEM | 3015 (or 3053,3153, and 3112 ) |
| NREM | $3513 ; 4513 ; 4524$ |
| ZOOL | 3204 |

Choose two of the following:
NREM 4464
ZOOL 4115,4174

Related Courses 12 Hours
Option 1: 12 hours from the following: ***

| ANSI | $3443,3523,3653,3753$ |
| :--- | :--- |
| BIOC | $3713^{* *}, 3723,3813$ |
| BOT | 3005 |
| ENTO | $2993,3003,4854$ |
| GEOG | 4343 |
| MICR | $3033,3143,4123,4134$ |
| NREM | $3083,3103,3224,3343,3502,3613,3713,4023,4033,4043$, <br>  <br>  <br>  <br> $4093,4403,4414,4424,4464,4543,4613,4783,4793,4960$, <br> ZOOL4980,4990 <br>  <br>  <br>  <br>  <br>  <br>  <br> $4114,3153,3163,4533$ |

## Option 2: First year of professional program

With the approval of the advisor, department head, and dean, a maximum of 12 hours from an accredited dental, medical, optometry, osteopathic, pharmacy, podiatry, or veterinary medical school may be used to complete hours.
**BIOC 3713 may be used in place of BIOC 3653 if BIOC 3723 is also taken.
***Or other courses selected in consultation with a faculty advisor. May include lowerdivision courses. May not include courses selected above.

## Other Requirements:

A minimum of 40 semester credit hours of General Education is required. A minimum of 40 semester credit hours and 100 grade points must be earned in courses numbered 3000 or above.
A 2.00 GPA or higher in upper-division hours.
Students will be held responsible for degree requirements in effect at the time of matriculation and any changes that are made, so long as these changes do not result in semester credit hours being added or do not delay graduation.
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General Requirements for Students Matriculating in Academic Year 2011-2012
BACHELOR of SCIENCE in AGRICULTURAL SCIENCES and NATURAL RESOURCES
MAJOR: Natural Resource Ecology \& Management Option: Wildife Ecology \& Management
Minimum Overall Grade Point Average: 2.00
Total Hours: 125
(cumulative graduation/retention GPA)
Other GPA requirements see below.

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Minimum Overall Grade Point Average: 2.00
(cumulative graduation/retention GPA)
Other GPA requirements see below.

| GENERAL EDUCATION REQUIREMENTS: 39 HoURS |  |  |
| :--- | :---: | :--- |
| Area | Hours | To be selected from: |
|  <br> Oral Communication | 6 | ENGL 1113 or 1313; \& 1213 or 1413 or <br> 3323 (See Academic Regulation 3.5 in Catalog) |
| American History \& Government | 6 | HIST 1103 or 1483 or 1493; POLS 1113 |
| Analytical \& Quantitative Thought |  |  |
| (A) | 6 | MATH 2103*; STAT 2013* or 2023* |
| Humanities (H) | 6 | Any course designated (H); must include <br> one lower-division course. |
| Natural Sciences (N) | 8 | BIOL 1114*; CHEM 1314* (or 1215*) |
| Social \& Behavioral Sciences (S) | 7 | AGEC 1114*; SPCH 2713* |
| Scientific Investigation (L) | -- | Met by either BIOL 1114 or CHEM 1314 |
| International Dimension (I) | -- | Any course designated (D) |
| *College \& Departmental requirements that may be used to meet GE requirements. |  |  |

College/Departmental Requiements: 7 Hours

| Agricultural Sciences and <br> Natural Resources | 4 | AG 1011; <br> ANSI 1124 or ENVR 1113 or NREM 2013 |
| :--- | :---: | :--- |
| Written Communications | 3 | ENGL 3323 (If ENGL 3323 is substituted for <br> ENGL 1213 above, hours in this block are zero, <br> and 3 hours are added to the electives) |

## Major Requirements: 78 Hours

Core Courses 60 Hours
BOT 1404,3463
BIOC 2344 or CHEM 3015
CHEM 1515 (or 1225)
ENTO 2993, 3331
PLNT 1101, 1213, 2013, 2041, 4571, 6 hours from 4080 or 4990
SOIL 2124,4234,4463
8 hours from: PLNT $3113,3554,4353,4573,4613,4673$
6 hours from: SOIL $3433,3883,4213,4483,4563,4683,4893,4913$

Emphasis area 18 Hours
Agricultural Economics Minor:
AGEC 3183 or ACCT 2103
15 hours from: AGEC $3213,3323,3333,3403,3423,3463,3503,3603,3703$, $3713,4333,4343,4403,4423,4513,4703,4803$

## Electives: 0 Hours

Hours to complete required total.

## Other Requirements:

A minimum of 40 semester credit hours of General Education is required. Exit interview with Head of Department of Plant and Soil Sciences. A minimum of 40 semester credit hours and 100 grade points must be earned in courses numbered 3000 or above. A 2.00 GPA or higher in upper-division hours. No more than 62 hours may be transferred from a two-year program.

Students will be held responsible for degree requirements in effect at the time of matriculation and any changes that are made, so long as these changes do not result in semester credit hours being added or do not delay graduation.

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DEPARTMENT HEAD

Minimum Overall Grade Point Average: 2.00
(cumulative graduation/retention GPA)
Other GPA requirements see below.

| General Education Requirements: 39 Hours |  |  |
| :---: | :---: | :---: |
| Area | Hours | To be selected from: |
| English Composition \& Oral Communication | 6 | ENGL 1113 or 1313 ; \& 1213 or 1413 or 3323 (See Academic Regulation 3.5 in Catalog) |
| American History \& Government | 6 | HIST 1103 or 1483 or 1493; POLS 1113 |
| Analytical \& Quantitative Thought (A) | 6 | MATH 2103*, STAT 2013* |
| Humanities (H) | 6 | Any course designated (H); must include one lower-division course. |
| Natural Sciences (N) | 8 | BIOL 1114*; CHEM 1314* (or 1215*) |
| Social \& Behavioral Sciences (S) | 7 | AGEC 1114*; SPCH 2713* |
| Diversity (D) | -- | Any course designated (D) |
| International Dimension (I) | -- | Any course designated (I) |
| Scientific Investigation (L) | -- | Met by either BIOL 1114 or CHEM 1314 |
| *College \& Departmental requirements that may be used to meet GE requirements. |  |  |
| College/Departmental Requirements: 10 Hours |  |  |
| Agricultural Sciences and Natural Resources | 7 | AG 1011; ANSI 1124 or NREM 2013; GEOG 2343 |
| Written Communications | 3 | ENGL 3323 (If ENGL 3323 is substituted for ENGL 1213 above, hours in this block are zero, and 3 hours are added to the electives) |

Total Hours: 125
Total 125

Alternative 2 (Entomology Minor):
ENTO 3021, 3421, 3663, 3644 and 3044 (or 4464 OR 4484)
7 hours from PLNT: $3111,3211,3221,3231,3554,3782,3790(2), 4113$, $4123,4353,4573,4613,4673,4783$
7 hours from SOIL: $3433,4210,4213,4463,4483,4563,4683,4893,4913$

## Other Requirements:

A minimum of 40 semester credit hours of General Education is required. Exit interview with Head of Department of Plant and Soil Sciences. A minimum of 40 semester credit hours and 100 grade points must be earned in courses numbered 3000 or above. A 2.00 GPA or higher in upper-division hours. No more than 62 hours may be transferred from a two-year program.

Students will be held responsible for degree requirements in effect at the time of matriculation and any changes that are made, so long as these changes do not result in semester credit hours being added or do not delay graduation.

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DEPARTMENT HEAD

General Requirements for Students Matriculating in Academic Year 2011-2012
BACHELOR of SCIENCE in AGRICULTURAL SCIENCES and NATURAL RESOURCES
MAJOR: Plant and Soil Sciences Option: Forage and Livestock Production
Minimum Overall Grade Point Average: $\mathbf{2 . 0 0}$
Total Hours: 123
(cumulative graduation/retention GPA)
Other GPA requirements see below.

| GENERAL EDUCATION REQUIREMENTS: 39 Hours |  |  |
| :---: | :---: | :---: |
| Area | Hours | To be selected from: |
| English Composition \& Oral Communication | 6 | ENGL 1113 or 1313; \& 1213 or 1413 or 3323 (See Academic Regulation 3.5 in Catalog) |
| American History \& Government | 6 | HIST 1103 or 1483 or 1493; POLS 1113 |
| Analytical \& Quantitative Thought (A) | 6 | MATH 2103*; STAT 2013* or 2023* |
| Humanities (H) | 6 | Any course designated (H); must include one lower-division course. |
| Natural Sciences (N) | 8 | BIOL 1114*; CHEM 1314* (or 1215*) |
| Social \& Behavioral Sciences (S) | 7 | AGEC 1114*; SPCH 2713* |
| Diversity (D) | -- | Any course designated (D) |
| International Dimension (I) | -- | Any course designated (I) |
| Scientific Investigation (L) | -- | Met by either BIOL 1114 or CHEM 1314 |
| *College \& Departmental requirements that may be used to meet GE requirements. |  |  |


| MAJOR REQUIREMENTS: 76 Hours |  |
| :---: | :---: |
|  | Core Courses 58 Hours |
| BOT | 1404 |
| BIOC | 2344 or CHEM 3015 |
| CHEM | 1515 (or 1225) |
| ENTO | 2993 |
| PLNT | 1011, 1213, 2013, 2041, 3113, 3554, 4571, $4613,4673,6$ hours from 4080 or 4990 |
| SOIL | 2124, 3433, 4234, 4463 (or 4913) |

## Alternative 1:

Livestock Production (Animal Science Minor)
12 hours from: ANSI 3433, 3443, 3543, 3653, 4203
6 hours from: $\quad$ ANSI 4023, 4423, 4543, 4553, 4613, 4633, 4643

Alternative 2:
18 hours of upper-division courses in: ANSI, PLNT, NREM or SOIL

| COLLEGE/DEPARTMENTAL REQUIREMENTS: 8 HOURS |  |  |
| :--- | :---: | :--- |
| Agricultural Sciences and <br> Natural Resources | 5 | AG 1011; ANSI 1124 |
| Written Communications | 3 | ENGL 3323 (If ENGL 3323 is substituted for <br> ENGL 1213 above, hours in this bock are zero, <br> and 3 hours are added to the electives) |

## Electives: O Hours

Hours to complete required total.

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DEPARTMENT HEAD

General Requirements for Students Matriculating in Academic Year 2011-2012
BACHELOR of SCIENCE in AGRICULTURAL SCIENCES and NATURAL RESOURCES
MAJOR: Plant and Soil Sciences Option: Plant Biotechnology

Minimum Overall Grade Point Average: 2.00
(cumulative graduation/retention GPA)
Other GPA requirements see below.

| GENERAL EDUCATION REQUREMENTS: 39 HOURS |  |  |
| :--- | :---: | :--- |
| Area | Hours | To be selected from: |
|  <br> Oral Communication | 6 | ENGL 1113 or 1313; \& 1213 or 1413 or <br> 3323 (See Academic Regulation 3.5 in Catalog) |
| American History \& Government | 6 | HIST 1103 or 1483 or 1493; POLS 1113 |
| Analytical \& Quantitative Thought <br> (A) | 6 | MATH 2123*; 2133* |
| Humanities (H) | 6 | Any course designated (H); must include <br> one lower-division course. |
| Natural Sciences (N) | 8 | BIOL 1114*; CHEM 1314* (or 1215*) |
| Social \& Behavioral Sciences (S) | 7 | AGEC 1114*; SPCH 2713* |
| Diversity (D) | -- | Any course designated (D) |
| International Dimension (I) | -- | Any course designated (I) |
| Scientific Investigation (L) | -- | Met by either BIOL 1114 or CHEM 1314 |
| *College \& Departmental requirements that may be used to meet GE requirements. |  |  |


| COLLEGE/DEPARTMENTAL REQUIREMENTS: 4 HOURS |  |  |
| :--- | :---: | :--- |
| Agricultural Sciences and <br> Natural Resources | 1 | AG 1011 |
| Written Communications | 3 | ENGL 3323 (If ENGL 3323 is substituted for <br> ENGL 1213 <br> and 3 hours are added to to the electives) |


|  | MAJOR REQUIREMENTS: 82 Hours |
| :--- | :--- |

## Alternative 1:

21 hours from:

| ANSI | 3423,4843 | MICR | 3033,4233 |
| :--- | :--- | :--- | :--- |
| BIOC | $3653,3723,4113$ or 4224 | PLP | 3343,4923 |
| CHEM | 3112 | PLNT | $4353,4573,4673$ |

Alternative 2 (Biochemistry Minor):
BIOC $3653,3723,4113$ or 4224
12 hours from Alternative 1 not already used.
Alternative 3 (Microbiology Minor):
MICR 3223
6 hours upper-division MICR excluding MICR 3103
9 hours from Alternative 1 not already used
3 hours electives

## Electives: 0 Hours

Hours to complete required total.

## Other Requirements:

A minimum of 40 semester credit hours of General Education is required. Exit interview with Head of Department of Plant and Soil Sciences. A minimum of 40 semester credit hours and 100 grade points must be earned in courses numbered 3000 or above. A 2.00 GPA or higher in upper-division hours. No more than 60 hours may be transferred from a two-year program.

Students will be held responsible for degree requirements in effect at the time of matriculation and any changes that are made, so long as these changes do not result in semester credit hours being added or do not delay graduation.

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DEPARTMENT HEAD

Minimum Overall Grade Point Average: 2.00
(cumulative graduation/retention GPA)
Other GPA requirements see below.

| GEnERAL EdUCATION REQUIREMENTS: 39 HoUrS |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: |
| Area | Hours | To be selected from: | Core Courses 68 Hours |  |
| English Composition \& Oral Communication | 6 | ENGL 1113 or 1313; \& 1213 or 1413 or 3323 (See Academic Regulation 3.5 in Catalog) | BOT <br> BIOC <br> CHEM <br> ENTO | $\begin{aligned} & \text { 1404, 3462, } 3463 \\ & 3653 \\ & \text { 1515, } 3015 \\ & \text { 2993; (or PLP 3343) } \end{aligned}$ |
| American History \& Government | 6 | HIST 1103 or 1483 or 1493; POLS 1113 | PHYS <br> PLNT | $\begin{aligned} & 1014 \\ & 1011,1213,2013,2041,3554,4123,4353,4571 \text {, } \end{aligned}$ |
| Analytical \& Quantitative Thought (A) | 6 | MATH 2103*; STAT 2013* | SOIL | 4673 (or 4573 or 4613 or 4783 ), 6 hrs from 4080 or 4990 2124,3433 (or 4683 or 4893 ), 4234 |
| Humanities (H) | 6 | Any course designated (H); must include one lower-division course. | Alternative 1: | Emphasis area 14 Hours |
| Natural Sciences (N) | 8 | BIOL 1114*; CHEM 1314* (or 1215*) | BOT <br> BIOC <br> 5 hours | ```3263,4123 3723 or (MICR 2123 & 2132) electives``` |
| Social \& Behavioral Sciences (S) | 7 | AGEC 1114*; SPCH 2713* | Alternative 2 BOT | (Botany Minor): $3005,3024,3233,4023$ |
| Diversity (D) | -- | Any course designated (D) | Alternative 3 | (Horticulture Minor): |
| International Dimension (I) | -- | Any course designated (I) | HORT <br> 11 hours Excludin | 3084 <br> HORT prefix courses (at least 3 hrs must be upper-division) ng: HORT 1003, 2010, 4671, 4990, 5110 |
| Scientific Investigation (L) | -- | Met by either BIOL 1114 or CHEM 1314 |  |  |
| *College \& Departmental requirements that may be used to meet GE requirements. |  |  |  |  |
| College/Departmental Requirements: 7 Hours |  |  |  |  |
| Agricultural Sciences and Natural Resources | 4 | AG 1011; <br> ANSI 1124 or ENVR 1113 or NREM 2013 |  | Electives: 0 Hours <br> Hours to complete required total. |
| Written Communications | 3 | ENGL 3323 (If ENGL 3323 is substituted for ENGL 1213 above, hours in this block are zero, and 3 hours are added to the electives) |  |  |

## Other Requirements:

A minimum of 40 semester credit hours of General Education is required. Exit interview with Head of Department of Plant and Soil Sciences. A minimum of 40 semester credit hours and 100 grade points must be earned in courses numbered 3000 or above. A 2.00 GPA or higher in upper-division hours. No more than 64 hours may be transferred from a two-year program.

Students will be held responsible for degree requirements in effect at the time of matriculation and any changes that are made, so long as these changes do not result in semester credit hours being added or do not delay graduation.


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DEPARTMENT HEAD

General Requirements for Students Matriculating in Academic Year 2011-2012
BACHELOR of SCIENCE in AGRICULTURAL SCIENCES and NATURAL RESOURCES
MAJOR: Plant and Soil Sciences Option: Soil and Water Resources
Minimum Overall Grade Point Average: 2.00
(cumulative graduation/retention GPA)
Other GPA requirements see below.


## Other Requirements:

A minimum of 40 semester credit hours of General Education is required. Exit interview with Head of Department of Plant and Soil Sciences. A minimum of 40 semester credit hours and 100 grade points must be earned in courses numbered 3000 or above. A 2.00 GPA or higher in upper-division hours. No more than 62 hours may be transferred from a two-year program.

Students will be held responsible for degree requirements in effect at the time of matriculation and any changes that are made, so long as these changes do not result in semester credit hours being added or do not delay graduation.

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DEPARTMENT HEAD

## College of Arts and Sciences



## Bachelor of Arts

AS-1 - American Studies
AS-2 - Art - Art History
AS-3 - Art - Studio Art
AS-4 - Economics - General
AS-4 - Economics - International Economic Relations

AS-6 - English - Creative Writing

AS-9 - French
AS-10 - Geography
AS-11 - German
AS-12 - History
AS-13 - Liberal Studies
AS-14 - Mathematics
AS-15 - Multimedia Journalism
AS-16 - Music

Pre-Professional preparation -
any degree program may be appropriate; see adviser
Law; Medicine; Veterinary Medicine

AS-20 - Russian Language and Literature
-21 - Sociology

AS-23 - Sociology - Applied Sociology
AS-24 - Spanish
AS-25 - Sports Media
AS-26 - Strategic Communication
AS-27 - Theatre

AS-28 - Art - Graphic Design

## Bacher Music

AS-31 - Music - Performance
AS-32 - Music Education - Instrumental/Vocal Certification

## Bachelor of Science

AS-33 - Biochemistry
AS-34 - Biological Science
AS-35 - Botany
AS-36 - Chemistry - ACS Approved
AS-37 - Chemistry - Departmental Degree
AS-38 - Communication Sciences and Disorders
AS-39 - Computer Science
AS-40 - Economics
AS-41 - Geography
AS-42 - Geology
AS-43 - Liberal Studies
AS-44 - Mathematics
AS-45 - Microbiology/Cell and Molecular Biology Biomedical Science

AS-46 - Microbiology/Cell and Molecular Biology Clinical Laboratory Science
AS-47 - Microbiology/Cell and Molecular Biology Microbial Ecology/Environmental
AS-48 - Microbiology/Cell and Molecular Biology Microbial Pathogenesis
AS-49 - Microbiology/Cell and Molecular Biology Molecular Genetics

AS-50 - Multimedia Journalism
AS-51 - Physics
AS-52 - Physics - Applied Physics
AS-53 - Physiology
AS-54 - Political Science
Pre-Professional preparation -
any degree program may be appropriate; see adviser
Law; Medicine; Veterinary Medicine
AS-55 - Psychology
AS-56 - Sociology
AS-57 - Sociology - Anthropology
AS-58 - Sociology - Applied Sociology
AS-59 - Sports Media
AS-60 - Statistics
AS-61 - Strategic Communication
AS-62 - Zoology

## College of Arts and Sciences

## 1. General Education Requirements

a. No more than two courses (or eight hours) from the same course prefix may be used to meet General Education Analytical and Quantitative Thought (A) and Natural Sciences (N) combined with College and Departmental Natural and Mathematical Sciences.
No more than two courses (or six hours) from the same course prefix may be used to meet General Education Humanities (H) combined with College and Departmental Arts and Humanities.
The General Education Controlled Elective and one required MATH course do not count against the two-course maximum.
b. The Diversity, International Dimension, Scientific Investigation and Non-Western requirements may be satisfied by courses also used to satisfy any part of a student's degree program (i.e., in General Education, College Departmental Requirements, Major Requirements or Electives).
c. Courses in the major prefix may not be used to satisfy the College requirement for six hours upper-division General Education.

## 2. A\&S College Requirements

a. Arts and Humanities are defined as any course carrying an (H) designation or courses from ART, MUSI, PHIL (except 1313 and 3003), REL, TH, creative writing, foreign languages (second year and above), linguistics and literature.
b. Natural and Mathematical Sciences are defined as any course from the following prefixes: ASTR, BIOC, BIOL, BOT, CHEM, CS (except 4883), GEOL, MATH, MICR, PHYS, STAT and ZOOL; or courses from other departments that carry an (A) or (N) general education designation.
c. Non-Western Studies Requirement for B.A. and B.F.A. (see 1.b above). One 3-hour course in Non-Western studies from: A\&S 2000 (Intro to African Studies), ANTH 3443, 4223, ART 3693, 4603, 4653, 4663, 4673, 4683; ECON 4643; ENGL 3173, 3183, 3190 (African Novel); FLL 3500 (Advanced Japanese); GEOG 3053, 3753, 3763, 3783; HIST 1713, 3013, 3053, 3203, 3403, 3413, 3423, 3433, 3503, 3513, 3523, 3543, 3553; HONR 3033; JAPN 1225, 2113, 2223; MUSI 3583; PHIL 3943; POLS 3053, 3223, 3313; REL 3573, 3613, 4050 (Understanding Islam), 4113; RUSS 3053, SOC 4533, 4950 (Gender in the Middle East).

## 3. Foreign Language Proficiency

a. The foreign language requirement for the B.A. may be satisfied by 10 hours college credit in the same language, or equivalent proficiency (e.g., passing an advanced standing examination; completing a second-year or higher college-level course in the language, etc.).
b. The foreign language requirement for the B.S., B.M., and B.F.A. may be satisfied by presenting a high school transcript which demonstrates two years of study of a single foreign language (passing grades at second year level of study). It may also be satisfied by any of the options listed above for the B.A.

## 4. Exclusions

a. Courses used to satisfy the English composition, American history and government requirement will not count toward the 48 hour maximum allowed under one prefix.
b. Courses with ATHL prefix and leisure activity courses may not be used for degree credit in the College of Arts \& Sciences.

## 5. Teacher Certification

Students can satisfy the requirements for secondary schools teaching certification while earning a B.A. or B.S. in the College of Arts \& Sciences. Those interested should see their Arts \& Sciences adviser and the OSU Professional Education Unit in 325 Willard.

# General Requirements for Students Matriculating in Academic Year 2011-2012 <br> BACHELOR of ARTS 

MAJOR: American Studies
Minimum Overall Grade Point Average: 2.50
Total Hours: 120
(cumulative graduation/retention GPA) Other GPA requirements see below.

| General Education Requirements: 40 Hours |  |  |
| :---: | :---: | :---: |
| Area | Hours | To be selected from: |
| English Composition \& Oral Communication | 6 | ENGL 1113 or 1313; \& 1213 or 1413 or 3323 (See Academic Regulation 3.5 in Catalog) |
| American History \& Government | 6 | HIST 1103; POLS 1113 |
| Analytical \& Quantitative Thought (A) | 6 | MATH 1483 or 1493 or 1513 and 3 hours designated (A) |
| Humanities (H) | 6 | Courses designated (H) |
| Natural Sciences ( N ) | 8 | Courses designated ( N ) |
| Social \& Behavioral Sciences (S) | 6 | Courses designated (S) |
| Diversity (D) | -- | Course designated ( D ) (see note 1.b.) |
| International Dimension (I) | -- | Course designated (I) (see note 1.b.) |
| Scientific Investigation (L) | -- | Course designated (L) (see note 1.b.) |
| Controlled Electives | 2 | Any course with a GE designation in any of the above areas |
| College/Departmental Requirements: 23 Hours |  |  |
| Orientation | 1 | A\&S 1111 (transfer students with 15 hours exempt) |
| Arts \& Humanities | 9 | $\overline{\text { (see note 2.a.) }}$ |
| Natural \& Mathematical Sciences | 3 | $\overline{\text { (see note 2.b.) }}$ |
| Foreign Languages | 10 | (see note 3.) |
| Non-Western Studies | -- | (see notes 1.b. \& 2.c.) |

## Major Requirements: 48 Hours

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

No more than 9 hours in Major Requirements may be taken from 2000 level courses.
AMST 3223 and 4973
9 hours: (6 hours must be upper-division)
AMST courses (other than AMST 3223 \& 4973) and/or courses listed in the following four categories:

American History ( 6 hours): HIST (3 hours must be upper-division)
$2323,2333,2343,3133,3613,3623,3633,3643,3653,3663,3673,3683,3693,3753$, $3763,3773,3793,4063,4153,4163,4173,4253,4273,4353,4463,4483,4493,4503$, 4513, 4523, 4543, 4553, 4563

American Literature ( 6 hours): ENGL (3 hours must be upper-division)
$2773,2883,3153,3183,3190,3193,3410,3453,3813,4093,4200,4210,4220,4400$, 4450

Fine Arts, Humanities and Interdisciplinary Studies (6 hours):
AMST 3550
ART 3663, 3683, 4613, 4633, 4763
ARCH 4083, 4173, 4183
GEOG 4223, 4253
GWST 2113, 2123, 3513, 3613, 3713, 4113, 4503
MUSI 3573, 3741, 3751
PHIL 3513, 3813, 3843
REL 3573

Social Sciences (6 hours):
ECON 3823
GEOG $3123,3133,3173,3243,3703,3713,4103,4113,4143,4213$
POLS 2023, 3453, 3483, 3493, 3613, 3683, 3953, 3973, 3983, 4013, 4223, 4363, 4403,
4553, 4623, 4693, 4963, 4973
SCFD 4123
SOC $3213,4213,4383,4433,4443,4453,4463,4473,4723$
9 hours: upper-division related courses

## Electives: 9 Hours

All of these may need to be upper-division.

Other Requirements: See notes 1, 2 \& 3 on back of degree sheet
Upper-Division Gen Ed: 6 hours outside AMST, American History and American Literature.
Upper-Division Credit: Total hours must include at least 48 hours in courses numbered 3000 or above.
Hours in One Prefix: Hours in one prefix in excess of 48 will be added to the minimum total of 120 required for graduation.
Students will be held responsible for degree requirements in effect at the time of matriculation and any changes that are made, so long as these changes do not result in semester credit hours being added or do not delay graduation.

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## DEAN

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DEPARTMENT HEAD

BACHELOR of ARTS
MAJOR: Art OPTION: Art History
Minimum Overall Grade Point Average: $\mathbf{2 . 0 0}$
Total Hours: $\mathbf{1 2 0}$ (cumulative graduation/retention GPA)

Other GPA requirements see below.

| GEnERAL EDUCATION REQUIREMENTS: 40 Hours |  |  |
| :---: | :---: | :---: |
| Area | Hours | To be selected from: |
| English Composition \& Oral Communication | 6 | ENGL 1113 or 1313; \& 1213 or 1413 or 3323 (See Academic Regulation 3.5 in Catalog) |
| American History \& Government | 6 | HIST 1103; POLS 1113 |
| Analytical \& Quantitative Thought (A) | 6 | MATH 1483 or 1493 or 1513 and 3 hours designated (A); or MATH 1715 |
| Humanities (H) | 6 | Courses designated (H) |
| Natural Sciences (N) | 8 | Courses designated ( N ) |
| Social \& Behavioral Sciences (S) | 6 | Courses designated (S) |
| Diversity (D) | -- | Course designated (D) (see note1.b.) |
| International Dimension (I) | -- | Course designated (I) (see note 1.b.) |
| Scientific Investigation (L) | -- | Course designated (L) (see note 1.b.) |
| Controlled Electives | 2 | Any course with a GE designation in any of the above areas |
| College/Departmental Requirements: 23 Hours |  |  |
| Orientation | 1 | A\&S 1111 (transfer students with 15 hours exempt) |
| Arts \& Humanities | 9 | (see note 2.a.) |
| Natural \& Mathematical Sciences | 3 | $\overline{\text { (see note 2.b.) }}$ |
| Foreign Languages | 10 | French or German recommended (see note 3.) |
| Non-Western Studies | -- | $\overline{\text { (see notes 1.b. \& 2.c.) }}$ |

## Major Requirements: 50 Hours

Minimum GPA in all Art History courses $\underline{3.00}$ with a minimum grade of " $C$ " in all ART courses.

Foreign Language - 5 additional hours (any language - any level)
Art Studio (3 hours)
1103 or 1203

Art History (30 hours)

2603 and 2613
3603 or 3713 or 3723
3623 or 3633 or 3673
3683
3600 (1-3 hours) minimum 3 hours.
Special Studies: Writing Methods in Art History (must be in one-hour blocks taken concurrently with upper-division Art History) 4933
6 hours from ART 3653, 3663, 3693, 3733, 3743, 4593, 4613, 4623, 4653, 4663, 4673, 4683, 4693, 4703, 4713, 4763

9 hours upper-division Art History (4800 Museum Internship recommended)

Electives (6 hours)
upper-division major-related courses

## Electives: 7 Hours

All electives plus 5 hours general education or college/departmental requirements may need to be upper-division.

Other Requirements: See notes $1,2 \& 3$ on back of degree sheet Upper-Division Gen Ed: 6 hours outside major prefix.
Upper-Division Credit: Total hours must include at least 48 hours in courses numbered 3000 or above.
Hours in One Prefix: Hours in one prefix in excess of 48 will be added to the minimum total of 120 required for graduation.
Students will be held responsible for degree requirements in effect at the time of matriculation and any changes that are made, so long as these changes do not result in semester credit hours being added or do not delay graduation.

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DEPARTMENT HEAD

# General Requirements for Students Matriculating in Academic Year 2011-2012 <br> BACHELOR of ARTS 

MAJOR: Art OPTION: Studio Art
Minimum Overall Grade Point Average: 2.00
Total Hours: 120
(cumulative graduation/retention GPA)
Other GPA requirements see below.

| GEnERAL EDUCATION REQUIREMENTS: 40 Hours |  |  |
| :---: | :---: | :---: |
| Area | Hours | To be selected from: |
| English Composition \& Oral Communication | 6 | ENGL 1113 or 1313; \& 1213 or 1413 or 3323 (See Academic Regulation 3.5 in Catalog) |
| American History \& Government | 6 | HIST 1103; POLS 1113 |
| Analytical \& Quantitative Thought (A) | 6 | MATH 1483 or 1493 or 1513 and 3 hours designated (A); or MATH 1715 |
| Humanities (H) | 6 | Courses designated (H) |
| Natural Sciences ( N ) | 8 | Courses designated ( N ) |
| Social \& Behavioral Sciences (S) | 6 | Courses designated (S) |
| Diversity (D) | -- | Course designated (D) (see note 1.b.) |
| International Dimension (I) | -- | Course designated (I) (see note 1.b.) |
| Scientific Investigation (L) | -- | Course designated (L) (see note 1.b.) |
| Controlled Electives | 2 | Any course with a GE designation in any of the above areas |
| College/Departmental Requirements: 23 Hours |  |  |
| Orientation | 1 | A\&S 1111 (transfer students with 15 hours exempt) |
| Arts \& Humanities | 9 | $\overline{\text { (see note 2.a.) }}$ |
| Natural \& Mathematical Sciences | 3 | (see note 2.b.) |
| Foreign Languages | 10 | (see note 3.) |
| Non-Western Studies | -- | (see notes 1.b. \& 2.c.) |

## Major Requirements: 48 Hours

Minimum GPA in all ART courses $\underline{2.50}$ with a minimum grade of " $C$ " in all ART courses.

ART 1103
1113
1203
1303
2003 or 2113
2603 and 2613

Choose 9 hours from 2-D and 3-D studios:
ART 2223 or 2233 or 2273 or 2283 ( $3-6$ hours)
2243 or 2253 or 2263 (3-6 hours)

6 hours upper-division Art History
12 hours upper-division Studio Art

## Electives: 9 Hours

All electives plus 21 hours general education or college/departmental requirements may need to be upper-division.

Other Requirements: See notes 1, 2 \& 3 on back of degree sheet
Upper-Division Gen Ed: 6 hours outside major prefix.
Upper-Division Credit: Total hours must include at least 48 hours in courses numbered 3000 or above.
Hours in One Prefix: Hours in one prefix in excess of 48 will be added to the minimum total of 120 required for graduation.
Students will be held responsible for degree requirements in effect at the time of matriculation and any changes that are made, so long as these changes do not result in semester credit hours being added or do not delay graduation.

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| GENERAL EDUCATION REQUIREMENTS: 40 Hours |  |  |
| :---: | :---: | :---: |
| Area | Hours | To be selected from: |
| English Composition \& Oral Communication | 6 | ENGL 1113 or 1313; \& 1213 or 1413 or <br> 3323 (See Academic Regulation 3.5 in Catalog) |
| American History \& Government | 6 | HIST 1103; POLS 1113 |
| Analytical \& Quantitative Thought <br> (A) | 6 | MATH 1513 or 1715; and STAT 2013 or 2023 |
| Humanities (H) | 6 | Courses designated (H) |
| Natural Sciences (N) | 8 | Courses designated ( N ) |
| Social \& Behavioral Sciences (S) | 6 | Courses designated (S) |
| Diversity (D) | -- | Course designated (D) (see note 1.b.) |
| International Dimension (I) | -- | Course designated (I) (see note 1.b.) |
| Scientific Investigation (L) | -- | Course designated (L) (see note 1.b.) |
| Controlled Electives | 2 | Any course with a GE designation in any of the above areas |
| College/Departmental Requirements: 23 Hours |  |  |
| Orientation | 1 | A\&S 1111 (transfer students with 15 hours exempt) |
| Arts \& Humanities | 9 | Int'I Econ. Rel.; 5 hours foreign language (2000-level or above). International courses recommended for remainder (see note 2.a.) |
| Natural \& Mathematical Sciences | 3 | MATH 2103 |
| Foreign Languages | 10 | $\overline{\text { (see note 3.) }}$ |
| Non-Western Studies | -- | (see notes 1.b. \& 2.c.) |

## Major Requirements: 45 Hours

Minimum GPA 2.00
Minimum GPA in ECON courses 2.00 .

Core Courses: ECON 2103, 2203, 3113, 3123
General Option
15 hours in Economics courses 3000-level or above
18 hours of upper-division electives of which 3 must be outside the field of Economics
International Economic Relations Option
ECON 3613; and 4643 or 4823
ENGL 3323 or BCOM 3333
FIN 3113 and 4213; or MKTG 3213 and 4553; or LSB 3213 and 4633
9 hours upper-division Economics electives
9 hours selected from Arts \& Sciences courses that have an international emphasis.

## Electives: 12 Hours

9 hours may need to be upper-division
General Option: CS 1103 and STAT 3013 are recommended.
International Economic Relations Option: ACCT 2103 required; CS 1103 and STAT 3013 are recommended.

Other Requirements: See notes $1,2 \& 3$ on back of degree sheet
Upper-Division Gen Ed: 6 hours outside major prefix.
Upper-Division Credit: Total hours must include at least 48 hours in courses numbered 3000 or above.
Hours in One Prefix: Hours in one prefix in excess of 48 will be added to the minimum total of 120 required for graduation.
Students will be held responsible for degree requirements in effect at the time of matriculation and any changes that are made, so long as these changes do not result in semester credit hours being added or do not delay graduation.

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## DEPARTMENT HEAD

# General Requirements for Students Matriculating in Academic Year 2011-2012 <br> BACHELOR of ARTS 

MAJOR: English
Minimum Overall Grade Point Average: 2.00
Total Hours: 120
(cumulative graduation/retention GPA)
Other GPA requirements see below.

| General Education Requirements: 40 Hours |  |  |
| :---: | :---: | :---: |
| Area | Hours | To be selected from: |
| English Composition \& Oral Communication | 6 | ENGL 1113 or 1313; \& 1213 or 1413 or 3323 (See Academic Regulation 3.5 in Catalog) |
| American History \& Government | 6 | HIST 1103; POLS 1113 |
| Analytical \& Quantitative Thought <br> (A) | 6 | MATH 1483 or 1493 or 1513; and 3 hours designated ( $A$ ) |
| Humanities (H) | 6 | Courses designated (H) |
| Natural Sciences ( N ) | 8 | Courses designated (N) |
| Social \& Behavioral Sciences (S) | 6 | Courses designated (S) |
| Diversity (D) | -- | Course designated (D) (see note 1.b.) |
| International Dimension (I) | -- | Course designated (I) (see note 1.b.) |
| Scientific Investigation (L) | -- | Course designated (L) (see note 1.b.) |
| Controlled Electives | 2 | Any course with a GE designation in any of the above areas |
| College/Departmental Requirements: 23 Hours |  |  |
| Orientation | 1 | A\&S 1111 (transfer students with 15 hours exempt) |
| Arts \& Humanities | 9 | ENGL 2543, 2773 and 3 additional hours (see note 2.a.) |
| Natural \& Mathematical Sciences | 3 | (see note 2.b.) |
| Foreign Languages | 10 | (see note 3.) |
| Non-Western Studies | -- | (see notes 1.b. \& 2.c.) |

## Major Requirements: 54 Hours

Minimum GPA in all ENGL courses $\underline{3.00}$ and a minimum grade of " $C$ ' in each course (excluding English Composition and free electives).

ENGL 2653 and 2883
33 hours upper-division ENGL (Minimum of 12 hours at 4000-level)
Genre Studies 3 hours: ENGL 3343, 3363, 3373, 3383
Cultural Studies 3 hours: ENGL 3153, 3170, 3173, 3183, 3190, 3193, 3813
4000-level course in literature before 1800 / 3 hours
4000-level course in literature after 1800 / 3 hours
Criticism / 3 hours
Writing / 3 hours
Language/Linguistics / 3 hours
English Electives / 12 hours
15 hours non-English upper-division related courses

## Electives: 3 Hours

Other Requirements: See notes 1, 2 \& 3 on back of degree sheet
Upper-Division Gen Ed: 6 hours outside major prefix.
Upper-Division Credit: Total hours must include at least 48 hours in courses numbered 3000 or above.
Hours in One Prefix: Hours in one prefix in excess of 48 will be added to the minimum total of 120 required for graduation.
Students will be held responsible for degree requirements in effect at the time of matriculation and any changes that are made, so long as these changes do not result in semester credit hours being added or do not delay graduation.
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General Requirements for Students Matriculating in Academic Year 2011-2012
BACHELOR of ARTS
MAJOR: English OPTION: Creative Writing
Minimum Overall Grade Point Average: 2.00
(cumulative graduation/retention GPA)
Other GPA requirements see below.

| General Education Requirements: 40 Hours |  |  |
| :---: | :---: | :---: |
| Area | Hours | To be selected from: |
| English Composition \& Oral Communication | 6 | ENGL 1113 or 1313; \& 1213 or 1413 or 3323 (See Academic Regulation 3.5 in Catalog) |
| American History \& Government | 6 | HIST 1103; POLS 1113 |
| Analytical \& Quantitative Thought (A) | 6 | MATH 1483 or 1493 or 1513 ; and 3 hours designated (A) |
| Humanities (H) | 6 | Courses designated (H) |
| Natural Sciences ( N ) | 8 | Courses designated ( N ) |
| Social \& Behavioral Sciences (S) | 6 | Courses designated (S) |
| Diversity (D) | -- | Course designated (D) (see note 1.b.) |
| International Dimension (I) | -- | Course designated (I) (see note 1.b.) |
| Scientific Investigation (L) | -- | Course designated (L) (see note 1.b.) |
| Controlled Electives | 2 | Any course with a GE designation in any of the above areas |
| College/Departmental Requirements: 23 Hours |  |  |
| Orientation | 1 | A\&S 1111 (transfer students with 15 hours exempt) |
| Arts \& Humanities | 9 | ENGL 2513, 2883 and 3 additional hours (see note 2.a.) |
| Natural \& Mathematical Sciences | 3 | $\overline{\text { (see note 2.b.) }}$ |
| Foreign Languages | 10 | (see note 3.) |
| Non-Western Studies | -- | $\overline{\text { (see notes 1.b. \& 2.c.) }}$ |

## Major Requirements: 54 Hours

Minimum GPA in all ENGL courses $\underline{3.00}$ and a minimum grade of " $C$ ' in each course (excluding English Composition and free electives).

ENGL 2543, 2653, 2773 (choose two of three)
33 hours upper-division ENGL (Minimum of 12 hours at 4000-level)
Genre Studies 6 hours: ENGL 3343, 3363, 3373, 3383
Cultural Studies 3 hours: ENGL 3153, 3170, 3173, 3183, 3190, 3193, 3813
Creative Writing 15 hours: ENGL 3030, 3040, 4460, 4630, 4640
English Electives / 9 hours
15 hours non-English upper-division related courses

## Electives: 3 Hours

Other Requirements: See notes $1,2 \& 3$ on back of degree sheet
Upper-Division Gen Ed: 6 hours outside major prefix.
Upper-Division Credit: Total hours must include at least 48 hours in courses numbered 3000 or above.
Hours in One Prefix: Hours in one prefix in excess of 48 will be added to the minimum total of 120 required for graduation.
Students will be held responsible for degree requirements in effect at the time of matriculation and any changes that are made, so long as these changes do not result in semester credit hours being added or do not delay graduation.

BACHELOR of ARTS
MAJOR: English OPTION: Screen Studies
Minimum Overall Grade Point Average: 2.00
(cumulative graduation/retention GPA)
Other GPA requirements see below.

| GEnERAL EDUCATION REQUIREMENTS: 40 Hours |  |  |
| :---: | :---: | :---: |
| Area | Hours | To be selected from: |
| English Composition \& Oral Communication | 6 | ENGL 1113 or 1313; \& 1213 or 1413 or 3323 (See Academic Regulation 3.5 in Catalog) |
| American History \& Government | 6 | HIST 1103; POLS 1113 |
| Analytical \& Quantitative Thought (A) | 6 | MATH 1483 or 1493 or 1513; and 3 hours designated (A) |
| Humanities (H) | 6 | Courses designated (H) |
| Natural Sciences (N) | 8 | Courses designated (N) |
| Social \& Behavioral Sciences (S) | 6 | Courses designated (S) |
| Diversity (D) | -- | Course designated (D) (see note 1.b.) |
| International Dimension (I) | -- | Course designated (I) (see note 1.b.) |
| Scientific Investigation (L) | -- | Course designated (L) (see note 1.b.) |
| Controlled Electives | 2 | Any course with a GE designation in any of the above areas |
| College/Departmental Requirements: 23 Hours |  |  |
| Orientation | 1 | A\&S 1111 (transfer students with 15 hours exempt) |
| Arts \& Humanities | 9 | ENGL 2453, 2543 or 2653; and 3 additional hours (see note 2.a.) |
| Natural \& Mathematical Sciences | 3 | $\overline{\text { (see note 2.b.) }}$ |
| Foreign Languages | 10 | $\overline{\text { (see note 3.) }}$ |
| Non-Western Studies | -- | $\overline{\text { (see notes 1.b. \& 2.c.) }}$ |

## Major Requirements: 54 Hours

Minimum GPA in all ENGL courses $\underline{3.00}$ and a minimum grade of " $C$ ' in each course (excluding English Composition and free electives).

ENGL 2773 or 2883
ENGL 3263, 3453, 3463, 4450
ENGL 3353 or 4263
ENGL 3433 or 3443
18 hours of upper-division ENGL electives, 6 of which must be in literature 15 hours non-English upper-division related courses

## Electives: 3 Hours

Other Requirements: See notes $1,2 \& 3$ on back of degree sheet Upper-Division Gen Ed: 6 hours outside major prefix.
Upper-Division Credit: Total hours must include at least 48 hours in courses numbered 3000 or above.
Hours in One Prefix: Hours in one prefix in excess of 48 will be added to the minimum total of 120 required for graduation.
Students will be held responsible for degree requirements in effect at the time of matriculation and any changes that are made, so long as these changes do not result in semester credit hours being added or do not delay graduation.

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BACHELOR of ARTS
MAJOR: English OPTION: Professional Writing
Minimum Overall Grade Point Average: 2.00 (cumulative graduation/retention GPA)

Other GPA requirements see below.

| GEnERAL EDUCATION REQUIREMENTS: 40 Hours |  |  |
| :---: | :---: | :---: |
| Area | Hours | To be selected from: |
| English Composition \& Oral Communication | 6 | ENGL 1113 or 1313 ; \& 1213 or 1413 or 3323 (See Academic Regulation 3.5 in Catalog) |
| American History \& Government | 6 | HIST 1103; POLS 1113 |
| Analytical \& Quantitative Thought (A) | 6 | MATH 1483 or 1493 or 1513 and 3 hours designated (A) |
| Humanities (H) | 6 | Courses designated (H) |
| Natural Sciences (N) | 8 | Courses designated (N) |
| Social \& Behavioral Sciences (S) | 6 | Courses designated (S) |
| Diversity (D) | -- | Course designated (D) (see note 1.b.) |
| International Dimension (I) | -- | Course designated (I) (see note 1.b.) |
| Scientific Investigation (L) | -- | Course designated (L) (see note 1.b.) |
| Controlled Electives | 2 | Any course with a GE designation in any of the above areas |
| College/Departmental Requirements: 23 Hours |  |  |
| Orientation | 1 | A\&S 1111 (transfer students with 15 hours exempt) |
| Arts \& Humanities | 9 | ENGL 2243 and 6 additional hours (see note 2.a.) |
| Natural \& Mathematical Sciences | 3 | $\overline{\text { (see note 2.b.) }}$ |
| Foreign Languages | 10 | $\overline{\text { (see note 3.) }}$ |
| Non-Western Studies | -- | (see notes 1.b. \& 2.c.) |

## Major Requirements: 54 Hours

Minimum GPA in all ENGL courses $\underline{3.00}$ and a minimum grade of " $C$ ' in each course (excluding English Composition and free electives).

ENGL 2233
ENGL 3203, 3223, 4013, 4523, 4530, 4543, 4553
Linguistics / 9 hours from ENGL 4003, 4043, 4063, 4080, 4083, 4093
English electives / 9 hours upper-division
Cognate Areas
Students must choose one of the following areas:
Humanities
12 hours upper-division
Social Studies
12 hours upper-division
Education
ENGL 3903 and 9 hours upper-division
Business \& Management
12 hours upper-division
Science \& Engineering
ENGL 4563 and 9 hours upper-division

Other Requirements: See notes 1,2 \& 3 on back of degree sheet
Upper-Division Gen Ed: 6 hours outside major prefix.
Upper-Division Credit: Total hours must include at least 48 hours in courses numbered 3000 or above.
Hours in One Prefix: Hours in one prefix in excess of 48 will be added to the minimum total of 120 required for graduation.
Students will be held responsible for degree requirements in effect at the time of matriculation and any changes that are made, so long as these changes do not result in semester credit hours being added or do not delay graduation.

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DEAN
(cumulative graduation/retention GPA)
Other GPA requirements see below.

| GEnERAL EDUCATION REQUIREMENTS: 40 Hours |  |  |
| :---: | :---: | :---: |
| Area | Hours | To be selected from: |
| English Composition \& Oral Communication | 6 | ENGL 1113 or 1313; \& 1213 or 1413 or 3323 (See Academic Regulation 3.5 in Catalog) |
| American History \& Government | 6 | HIST 1103; POLS 1113 |
| Analytical \& Quantitative Thought (A) | 6 | MATH 1483 or 1493 or 1513 and 3 hours designated (A) |
| Humanities (H) | 6 | Courses designated (H) |
| Natural Sciences ( N ) | 8 | Courses designated ( N ) |
| Social \& Behavioral Sciences (S) | 6 | Courses designated (S) |
| Diversity (D) | -- | Course designated (D) (see note 1.b.) |
| International Dimension (I) | -- | Course designated (I) (see note 1.b.) |
| Scientific Investigation (L) | -- | Course designated (L) (see note 1.b.) |
| Controlled Electives | 2 | Any course with a GE designation in any of the above areas |
| College/Departmental Requirements: 23 Hours |  |  |
| Orientation | 1 | A\&S 1111 (transfer students with 15 hours exempt) |
| Arts \& Humanities | 9 | $\overline{\text { (see note 2.a.) }}$ |
| Natural \& Mathematical Sciences | 3 | (see note 2.b.) |
| Foreign Languages | 10 | (see note 3.) |
| Non-Western Studies | -- | (see notes 1.b. \& 2.c.) |

## Major Requirements: 40 Hours

Minimum GPA $\underline{2.50}$ in lower-division French courses and $\underline{2.50}$ in upper-division French courses with minimum grade of " $C$ ' in each course

FREN 2112, 2113, 2232, 2233; or equivalent proficiency
FREN 3203, 3213, 4333
12 or more hours of French, of which at least six hours must be literature courses*, from FREN 3073 FREN *4153

3343 *4163
3463 *4173
*3853 *4183
4550 (1-9 hours)
*4573
FLL 3500 (1-20 hours)
4000 (1-9 hours)
The remaining hours may be taken from related fields, such as:
GEOG 3723
HIST $3243,3253,3263,3323$
POLS 3143

Students completing Teacher Education requirements may include professional education courses.

## Electives: 18 Hours

All of these may need to be upper-division

Other Requirements: See notes $1,2 \& 3$ on back of degree sheet
Upper-Division Gen Ed: 6 hours outside major prefix.
Upper-Division Credit: Total hours must include at least 48 hours in courses numbered 3000 or above.
Hours in One Prefix: Hours in one prefix in excess of 48 will be added to the minimum total of 120 required for graduation.
Students will be held responsible for degree requirements in effect at the time of matriculation and any changes that are made, so long as these changes do not result in semester credit hours being added or do not delay graduation.

General Requirements for Students Matriculating in Academic Year 2011-2012
BACHELOR of ARTS
MAJOR: Geography
Minimum Overall Grade Point Average: 2.00
Total Hours: 120
(cumulative graduation/retention GPA)
Other GPA requirements see below.

| GEnERAL EdUCATION REQUIREMENTS: 41 Hours |  |  |
| :---: | :---: | :---: |
| Area | Hours | To be selected from: |
| English Composition \& Oral Communication | 6 | ENGL 1113 or 1313; \& 1213 or 1413 or <br> 3323 (See Academic Regulation 3.5 in Catalog) |
| American History \& Government | 6 | HIST 1103; POLS 1113 |
| Analytical \& Quantitative Thought (A) | 6 | MATH 1483 or 1513; and STAT 2013 or 2023 or 2053 |
| Humanities (H) | 6 | Courses designated (H) |
| Natural Sciences ( N ) | 8 | Courses designated ( N ) |
| Social \& Behavioral Sciences (S) | 6 | Courses designated (S) |
| Diversity (D) | -- | Course designated (D) (see note 1.b.) |
| International Dimension (I) | -- | Course designated (I) (see note 1.b.) |
| Scientific Investigation (L) | -- | Course designated (L) (see note 1.b.) |
| Controlled Electives | 3 | Any course with a GE designation in any of the above areas |
| College/Departmental Requirements: 24 Hours |  |  |
| Orientation | 1 | A\&S 1111 (transfer students with 15 hours exempt) |
| Arts \& Humanities | 9 | (see note 2.a.) |
| Natural \& Mathematical Sciences | 4 | GEOG 1114 |
| Foreign Languages | 10 | $\overline{\text { (see note 3.) }}$ |
| Non-Western Studies | -- | $\overline{\text { (see notes 1.b. \& 2.c.) }}$ |

## Major Requirements: 45 Hours

Minimum GPA 2.50
GEOG 1113 or 2253
2343
3333
4313
4323
24 hours GEOG (21 hours must be upper-division)
6 hours upper-division (non-GEOG) departmental approved related courses

Electives: 10 Hours
12 hours may need to be upper-division

Other Requirements: See notes $1,2 \& 3$ on back of degree sheet
Upper-Division Gen Ed: 6 hours outside major prefix.
Upper-Division Credit: Total hours must include at least 48 hours in courses numbered 3000 or above.
Hours in One Prefix: Hours in one prefix in excess of 48 will be added to the minimum total of 120 required for graduation.
Students will be held responsible for degree requirements in effect at the time of matriculation and any changes that are made, so long as these changes do not result in semester credit hours being added or do not delay graduation.

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| GEnERAL EDUCATION REQUIREMENTS: 40 HoUrS |  |  |
| :---: | :---: | :---: |
| Area | Hours | To be selected from: |
| English Composition \& Oral Communication | 6 | ENGL 1113 or 1313; \& 1213 or 1413 or <br> 3323 (See Academic Regulation 3.5 in Catalog) |
| American History \& Government | 6 | HIST 1103; POLS 1113 |
| Analytical \& Quantitative Thought <br> (A) | 6 | MATH 1483 or 1493 or 1513 ; and 3 hours designated (A) |
| Humanities (H) | 6 | Courses designated (H) |
| Natural Sciences ( N ) | 8 | Courses designated ( N ) |
| Social \& Behavioral Sciences (S) | 6 | Courses designated (S) |
| Diversity (D) | -- | Course designated (D) (see note 1.b.) |
| International Dimension (I) | -- | Course designated (I) (see note 1.b.) |
| Scientific Investigation (L) | -- | Course designated (L) (see note 1.b.) |
| Controlled Electives | 2 | Any course with a GE designation in any of the above areas |
| College/Departmental Requirements: 23 Hours |  |  |
| Orientation | 1 | A\&S 1111 (transfer students with 15 hours exempt) |
| Arts \& Humanities | 9 | $\overline{\text { (see note 2.a.) }}$ |
| Natural \& Mathematical Sciences | 3 | (see note 2.a.) |
| Foreign Languages | 10 | (see note 3.) |
| Non-Western Studies | -- | (see notes 1.b. \& 2.c.) |

## Major Requirements: 40 Hours

Minimum GPA $\underline{2.50}$ in lower-division German courses and $\underline{2.50}$ in upper-division German courses with minimum grade of "C" in each course.

GRMN 2112, 2113, 2222, 2223; or equivalent proficiency
GRMN 3803, 3813, 4333
12 or more hours of German, of which at least 6 hours must be literature courses*, from:
GRMN 3333 GRMN *4163
$3343 \quad$ *4513

3463 *4523
3902 *4543
$3903 \quad 4550$ (1-9 hours)
*4153 FLL 3500 (1-20 hours)
4000 (1-9 hours)
The remaining hours may be taken from related fields, such as:
GEOG 3723
POLS 3143

Students completing Teacher Education requirements may include professional education courses.

## Electives: 18 Hours

All of these may need to be upper-division

Other Requirements: See notes $1,2 \& 3$ on back of degree sheet
Upper-Division Gen Ed: 6 hours outside major prefix.
Upper-Division Credit: Total hours must include at least 48 hours in courses numbered 3000 or above.
Hours in One Prefix: Hours in one prefix in excess of 48 will be added to the minimum total of 121 required for graduation.
Students will be held responsible for degree requirements in effect at the time of matriculation and any changes that are made, so long as these changes do not result in semester credit hours being added or do not delay graduation.

Minimum Overall Grade Point Average: $\mathbf{2 . 0 0}$ (cumulative graduation/retention GPA) Other GPA requirements see below.

| General Education Requirements: 40 Hours |  |  |
| :---: | :---: | :---: |
| Area | Hours | To be selected from: |
| English Composition \& Oral Communication | 6 | ENGL 1113 or 1313; \& 1213 or 1413 or 3323 (See Academic Regulation 3.5 in Catalog) |
| American History \& Government | 6 | HIST 1103*; POLS 1113 |
| Analytical \& Quantitative Thought (A) | 6 | MATH 1483 or 1493 or 1513; and 3 hours designated (A) |
| Humanities (H) | 6 | HIST 1613 and 3 hours non-HIST designated (H) |
| Natural Sciences ( N ) | 8 | Courses designated ( N ) |
| Social \& Behavioral Sciences (S) | 6 | Courses designated (S) |
| Diversity (D) | -- | Course designated (D) (see note 1.b.) |
| International Dimension (I) | -- | Course designated (I) (see note 1.b.) |
| Scientific Investigation (L) | -- | Course designated (L) (see note 1.b.) |
| Controlled Electives | 2 | Any course with a GE designation in any of the above areas |
| College/Departmental Requirements: 23 Hours |  |  |
| Orientation | 1 | A\&S 1111 (transfer students with 15 hours exempt) |
| Arts \& Humanities | 9 | HIST 1623 and 6 additional hours non-HIST (see note 2.a.) |
| Natural \& Mathematical Sciences | 3 | $\overline{\text { (see note 2.b.) }}$ |
| Foreign Languages | 10 | $\overline{\text { (see note 3.) }}$ |
| Non-Western Studies | -- | $\overline{\text { (see notes 1.b. \& 2.c.) }}$ |

## Major Requirements: 51 Hours

Minimum GPA 2.50. Minimum grade of " C " in all upper-division HIST courses. HIST 1713; 4903 or 4993 (with Professor permission and Honors College enrollment) 30 hours of History from the three areas listed below, with 15 hours from one area, 9 hours from a second area, and 6 hours from the remaining area.

American History: HIST 3133, 3333, 3613, 3623, 3633, 3643, 3653, 3663, 3673, 3683, $3753,3763,3773,3783,3793,4063,4153,4163,4173,4253,4273,4353,4453,4463$, $4483,4493,4503,4513,4523,4543,4553,4563,4583,4593$

European History: HIST 3003, 3023, 3033, 3113, 3153, 3163, 3233, 3243, 3253, 3263, $3273,3323,3343,3353,3363,3373,3383,3393,3483,3493,3913,3953,3963,4573$

World History: HIST 3013, 3043, 3053, 3203, 3403, 3413, 3423, 3433, 3443, 3453, 3463, 3503, 3513, 3523, 3543, 3553

HIST 3980 or 4980 (1-9 hours) or 4993 may be substituted in one or more of the above areas with consent of advisor.

15 hours from upper-division courses from the following related fields:
American Studies; Art History; Economics; English; Foreign Language; Geography;
Philosophy; Political Science; Psychology; Religious Studies; Sociology/Anthropology
Students completing Teacher Education requirements may: 1) include professional education courses; 2) substitute HIST 2323 and HIST 1483 or 1493 for 6 hours upperdivision HIST, leaving 24 hours to be distributed 12, 6, and 6 among American, European and World.
*Students with prior credit in HIST 1103 may not earn credit in HIST 1483 or HIST 1493.

## Electives: 9 Hours

6 hours may need to be upper-division

Other Requirements: See notes $1,2 \& 3$ on back of degree sheet
Upper-Division Gen Ed: 6 hours outside major prefix.
Upper-Division Credit: Total hours must include at least 48 hours in courses numbered 3000 or above.
Hours in One Prefix: Hours in one prefix in excess of 48 will be added to the minimum total of 123 required for graduation.
Students will be held responsible for degree requirements in effect at the time of matriculation and any changes that are made, so long as these changes do not result in semester credit hours being added or do not delay graduation.
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| General Education Requirements: 40 Hours |  |  |
| :---: | :---: | :---: |
| Area | Hours | To be selected from: |
| English Composition \& Oral Communication | 6 | ENGL 1113 or 1313; \& 1213 or 1413 or <br> 3323 (See Academic Regulation 3.5 in Catalog) |
| American History \& Government | 6 | HIST 1103; POLS 1113 |
| Analytical \& Quantitative Thought (A) | 6 | MATH 1483 or 1493 or 1513; and 3 hours designated (A); or MATH 1715 |
| Humanities (H) | 6 | Courses designated (H) |
| Natural Sciences (N) | 8 | Courses designated (N) |
| Social \& Behavioral Sciences (S) | 6 | Courses designated (S) |
| Diversity (D) | -- | Course designated (D) (see note 1.b.) |
| International Dimension (I) | -- | Course designated (I) (see note 1.b.) |
| Scientific Investigation (L) | -- | Course designated (L) (see note 1.b.) |
| Controlled Electives | 2 | Any course with a GE designation in any of the above areas |
| College/Departmental Requirements: 23 Hours |  |  |
| Orientation | 1 | A\&S 1111 (transfer students with 15 hours exempt) |
| Arts \& Humanities | 9 | (see note 2.a.) |
| Natural \& Mathematical Sciences | 3 | $\overline{\text { (see note 2.b.) }}$ |
| Foreign Languages | 10 | $\overline{\text { (see note 3.) }}$ |
| Non-Western Studies | -- | (see notes 1.b. \& 2.c.) |

## Major Requirements: 45 Hours

Minimum GPA $\underline{2.50}$ with a minimum grade of " $C$ " in each course.
A\&S 4013 (Senior Project)
Additional upper-division courses from the following with 15 hours from each of two disciplines and 12 hours from among remaining disciplines.

AMST
ANTH
ART (history)
ECON
ENGL
FLL (and specific languages)
GEOG
GWST
HIST
MATH
MUSI
PHIL
POLS
PSYC
REL
SOC
SPCH
TH

Electives: 12 Hours

3 hours may need to be upper-division.

Other Requirements: See notes 1, 2 \& 3 on back of degree sheet
Upper-Division Gen Ed: 6 hours outside the two primary disciplines selected in the major.
Upper-Division Credit: Total hours must include at least 48 hours in courses numbered 3000 or above.
Hours in One Prefix: Hours in one prefix in excess of 48 will be added to the minimum total of 120 required for graduation.
Students will be held responsible for degree requirements in effect at the time of matriculation and any changes that are made, so long as these changes do not result in semester credit hours being added or do not delay graduation.

# General Requirements for Students Matriculating in Academic Year 2011-2012 <br> BACHELOR of ARTS 

MAJOR: Mathematics
Minimum Overall Grade Point Average: $\mathbf{2 . 0 0}$ (cumulative graduation/retention GPA)

Other GPA requirements see below.

| GEnEral Education Requirements: 40 Hours |  |  |
| :---: | :---: | :---: |
| Area | Hours | To be selected from: |
| English Composition \& Oral Communication | 6 | ENGL 1113 or 1313; \& 1213 or 1413 or 3323 (See Academic Regulation 3.5 in Catalog) |
| American History \& Government | 6 | HIST 1103; POLS 1113 |
| Analytical \& Quantitative Thought (A) | 7 | MATH 2144; and CS 1113 |
| Humanities (H) | 6 | Courses designated (H) |
| Natural Sciences (N) | 8 | PHYS 1114 or 2014 or 2314 ; and 4 hours designated ( N ) |
| Social \& Behavioral Sciences (S) | 6 | Courses designated (S) |
| Diversity (D) | -- | Course designated (D) (see note 1.b.) |
| International Dimension (I) | -- | Course designated (I) (see note 1.b.) |
| Scientific Investigation (L) | -- | Course designated (L) (see note 1.b.) |
| Controlled Electives | 1 | Any course with a GE designation in any of the above areas |
| College/Departmental Requirements: 23 Hours |  |  |
| Orientation | 1 | A\&S 1111 (transfer students with 15 hours exempt) |
| Arts \& Humanities | 9 | (see note 2.a.) |
| Natural \& Mathematical Sciences | 3 | (see note 2.b.) |
| Foreign Languages | 10 | (see note 3.) |
| Non-Western Studies | -- | (see notes 1.b. \& 2.c.) |

## Major Requirements: 42 Hours

Minimum grade of " $C$ " in each course.
MATH 2153, 2163, 2233, 3013, 3613
Choose one of the following:
General:
6 hours from: MATH 4023, 4143, 4153, 4403, 4613, 4623, 4713, 4813
9 hours from: MATH courses numbered 4000 or above
3 hours from: MATH or STAT courses numbered 4000 or above or from upper-division courses in CS or PHYS

9 hours from: upper-division courses in any field

Teacher Certification:
MATH 4023, 4033, 4403, 4583, 4663, 4713
CIED 4003, 4053
STAT 4013 or 4023

Pre-actuarial/Financial Mathematics:
MATH 4453
9 hours from: MATH 4023, 4233, 4263, 4513, 4553, 4583, 4663
STAT 4203
3 hours from: ECON 3113, 4213, 4223
6 hours from: FIN 3113, 4223, 4333, 4763
3 hours from: MSIS 3393, or upper-division FIN or ECON, or courses in MATH or STAT numbered 4000 or above.

## Electives: 15 Hours

All of these may need to be upper-division.

Other Requirements: See notes $1,2 \& 3$ on back of degree sheet
Upper-Division Gen Ed: 6 hours outside major prefix.
Upper-Division Credit: Total hours must include at least 48 hours in courses numbered 3000 or above.
Hours in One Prefix: Hours in one prefix in excess of 48 will be added to the minimum total of 120 required for graduation.
Students will be held responsible for degree requirements in effect at the time of matriculation and any changes that are made, so long as these changes do not result in semester credit hours being added or do not delay graduation.

| GEnEral Education Requirements: 41 Hours |  |  |
| :---: | :---: | :---: |
| Area | Hours | To be selected from: |
| English Composition \& Oral Communication | 6 | ENGL 1113 or 1313 ; \& 1213 or 1413 or 3323 (See Academic Regulation 3.5 in Catalog) |
| American History \& Government | 6 | HIST 1103; POLS 1113 |
| Analytical \& Quantitative Thought (A) | 6 | MATH 1483 or 1513; and STAT 2013 or 2053 |
| Humanities (H) | 6 | Courses designated (H) |
| Natural Sciences (N) | 8 | Courses designated ( N ) |
| Social \& Behavioral Sciences (S) | 6 | ECON 1113 or 2103; MC 1143 |
| Diversity (D) | -- | Course designated (D) (see note 1.b.) |
| International Dimension (I) | -- | Course designated (I) (see note 1.b.) |
| Scientific Investigation (L) | -- | Course designated (L) (see note 1.b.) |
| Controlled Electives | 3 | SPCH 2713 |
| College/Departmental Requirements: 23 Hours |  |  |
| Orientation | 1 | A\&S 1111 (transfer students with 15 hours exempt) |
| Arts \& Humanities | 9 | (see note 2.a.) |
| Natural \& Mathematical Sciences | 3 | (see note 2.b.) |
| Foreign Languages | 10 | (see note 3.) |
| Non-Western Studies | -- | (see notes 1.b. \& 2.c.) |

## Major Requirements: 57 Hours

Minimum 2.50 GPA in JB/MC/MMJ/SC/SPM prefix courses and in Major Requirements with a minimum grade of " C " in each course.
Core Curriculum:
MC 2003, 2023, 4143, 4163
MMJ 3263, 4863, 4973
Select one of the options listed below:

1. Multimedia News:
a. MMJ 3313, 4393
b. MMJ 3553, $4313 \underline{\text { OR MMJ } 3293,4423}$
c. 9 hrs MC, MMJ, SC or SPM (6 hrs must be upper-division)
d. POLS 3613 or POLS 3983
e. Choose 3 hrs from: POLS 3414, 3453, 3613, or 3983
f. 9 hrs upper-division Traditional Liberal Arts or Business
2. Multimedia Production:
a. MMJ $3153,3913,4953,3553$
b. 9 hrs MC, MMJ, SC or SPM ( 6 hrs must be upper-division)
c. 15 hrs upper-division Traditional Liberal Arts or Business

A 2.50 graduation retention GPA and at least 28 hours completed required to declare major. Enrollment in all upper-division department courses except MC 3173 and MC 4253 requires declaration of major, completion of MC 2003 with a " $C$ " or better, and a passing grade on the Language Proficiency Exam.

This option requires a minimum of 65 hours in traditional liberal arts courses to be taken among General Education, Major Requirements or Electives. No more than 12 hours in JB/MC/MMJ/SC/SPM can be transferred from other institutions.

This major requires students to develop and maintain a portfolio exhibiting specific and appropriate work including required class assignments.

## Electives: 4 Hours

Hours selected may need to be in traditional liberal arts.

Other Requirements: See notes $1,2 \& 3$ on back of degree sheet
Upper-Division Gen Ed: 6 hours outside major prefix.
Upper-Division Credit: Total hours must include at least 48 hours in courses numbered 3000 or above.
Hours in One Prefix: Hours in one prefix in excess of 45 will be added to the minimum total of 125 required for graduation.
Students will be held responsible for degree requirements in effect at the time of matriculation and any changes that are made, so long as these changes do not result in semester credit hours being added or do not delay graduation.

# General Requirements for Students Matriculating in Academic Year 2011-2012 <br> BACHELOR of ARTS 

MAJOR: Music
Minimum Overall Grade Point Average: 2.00
Total Hours: $\mathbf{1 2 2}$ (cumulative graduation/retention GPA)

Other GPA requirements see below.

| General Education Requirements: 40 Hours |  |  |
| :---: | :---: | :---: |
| Area | Hours | To be selected from: |
| English Composition \& Oral Communication | 6 | ENGL 1113 or 1313; \& 1213 or 1413 or 3323 (See Academic Regulation 3.5 in Catalog) |
| American History \& Government | 6 | HIST 1103; POLS 1113 |
| Analytical \& Quantitative Thought (A) | 6 | MATH 1483 or 1493 or 1513 and 3 hours designated (A) |
| Humanities (H) | 6 | MUSI 3753 and 3 hours designated (H) |
| Natural Sciences ( N ) | 8 | Courses designated ( N ) |
| Social \& Behavioral Sciences (S) | 6 | Courses designated (S) |
| Diversity (D) | -- | Course designated (D) (see note 1.b.) |
| International Dimension (I) | -- | Course designated (I) (see note 1.b.) |
| Scientific Investigation (L) | -- | Course designated (L) (see note 1.b.) |
| Controlled Electives | 2 | Any course with a GE designation in any of the above areas |
| College/Departmental Requirements: 23 Hours |  |  |
| Orientation | 1 | A\&S 1111 (transfer students with 15 hours exempt) |
| Arts \& Humanities | 9 | $\overline{\text { (see note 2.a.) }}$ |
| Natural \& Mathematical Sciences | 3 | $\overline{\text { (see note 2.b.) }}$ |
| Foreign Languages | 10 | (see note 3.) |
| Non-Western Studies | -- | $\overline{\text { (see notes 1.b. \& 2.c.) }}$ |

## Major Requirements: 47 Hours

Minimum 2.50 GPA in all Music courses with minimum grade of " $C$ " in each course. MUSI 1531, 1533, 1541, 1543, 2551, 2553, 2561, 2563

4 hours lower-division Applied Major Music Lessons
2 hours Applied Minor Music Lessons
4 hours Music Organization from MUSI 2610, 2620, 2630
MUSI 3763, 3873

4 hours upper-division Applied Major Music Lessons (to include at least 1 hour at the 4000 level)

MUSI 3712, 3783, 4972

Instrumental and Voice Majors:
4 hours upper-division large ensemble from MUSI 3610, 3620 or 3630

## Keyboard Majors:

2 hours upper-division large or chamber ensemble from MUSI 3610, 3620, 3630 or 4600
2 hours collaborative piano, MUSI 4600

All Music Majors must successfully complete an entrance audition, upper-division theory examination, keyboard proficiency examination, and six semesters of MUSI 0500 Recital Attendance.

## Electives: 12 Hours

All electives plus 12 hours general education or college requirements, in addition to MUSI 3753, may need to be upper-division.

4 hours need to be liberal arts or liberal science.

Other Requirements: See notes 1, 2 \& 3 on back of degree sheet
Upper-Division Gen Ed: 6 hours outside major prefix.
Upper-Division Credit: Total hours must include at least 48 hours in courses numbered 3000 or above.
Hours in One Prefix: Hours in one prefix in excess of 50 will be added to the minimum total of 122 required for graduation.
Students will be held responsible for degree requirements in effect at the time of matriculation and any changes that are made, so long as these changes do not result in semester credit hours being added or do not delay graduation.

General Requirements for Students Matriculating in Academic Year 2011-2012
BACHELOR of ARTS
MAJOR: Philosophy
Minimum Overall Grade Point Average: 2.00
Total Hours: 120
(cumulative graduation/retention GPA)
Other GPA requirements see below.

| GENERAL EDUCATION REQUIREMENTS: 40 Hours |  |  |
| :---: | :---: | :---: |
| Area | Hours | To be selected from: |
| English Composition \& Oral Communication | 6 | ENGL 1113 or 1313; \& 1213 or 1413 or 3323 (See Academic Regulation 3.5 in Catalog) |
| American History \& Government | 6 | HIST 1103; POLS 1113 |
| Analytical \& Quantitative Thought (A) | 6 | MATH 1483 or 1493 or 1513; and PHIL 1313 |
| Humanities (H) | 6 | PHIL 1013 or 1113 or 1213 ; and 3 hours designated (H) |
| Natural Sciences ( N ) | 8 | Courses designated ( N ) |
| Social \& Behavioral Sciences (S) | 6 | Courses designated (S) |
| Diversity (D) | -- | Course designated (D) (see note 1.b.) |
| International Dimension (I) | -- | Course designated (I) (see note 1.b.) |
| Scientific Investigation (L) | -- | Course designated (L) (see note 1.b.) |
| Controlled Electives | 2 | Any course with a GE designation in any of the above areas |
| College/Departmental Requirements: 23 Hours |  |  |
| Orientation | 1 | A\&S 1111 (transfer students with 15 hours exempt) |
| Arts \& Humanities | 9 | (see note 2.a.) |
| Natural \& Mathematical Sciences | 3 | $\overline{\text { (see note 2.b.) }}$ |
| Foreign Languages | 10 | (see note 3.) |
| Non-Western Studies | -- | $\overline{\text { (see notes 1.b. \& 2.c.) }}$ |

## Major Requirements: 43 Hours

Minimum GPA 2.00. Minimum GPA in all Philosophy courses $\underline{2.50}$.
Core: 6 hours from PHIL 3113, 3213, 3313

Choose one of the following:
General:
PHIL 3003
Minimum of 19 additional hours in upper-division PHIL courses
15 hours upper-division related courses
Graduate Preparation:
PHIL 3003, 3313, 3413, 4983, 4991
12 additional hours in upper-division PHIL courses
12 hours upper-division related courses

## Career/Pre-professional:

Minimum of 19 additional hours in upper-division PHIL courses 18 additional upper-division hours related to student's objective

## Electives: 14 Hours

5 hours may need to be upper-division.

Other Requirements: See notes 1, 2 \& 3 on back of degree sheet
Upper-Division Gen Ed: 6 hours outside major prefix.
Upper-Division Credit: Total hours must include at least 48 hours in courses numbered 3000 or above.
Hours in One Prefix: Hours in one prefix in excess of 48 will be added to the minimum total of 120 required for graduation.
Students will be held responsible for degree requirements in effect at the time of matriculation and any changes that are made, so long as these changes do not result in semester credit hours being added or do not delay graduation.
Signature on file in the Office of the Registrar $\quad$ Signature on file in the Office of the Registrar (cumulative graduation/retention GPA)

Other GPA requirements see below.

| General Education Requirements: 41 Hours |  |  |
| :---: | :---: | :---: |
| Area | Hours | To be selected from: |
| English Composition \& Oral Communication | 6 | ENGL 1113 or 1313; \& 1213 or 1413 or <br> 3323 (See Academic Regulation 3.5 in Catalog) |
| American History \& Government | 6 | HIST 1103; POLS 1113 |
| Analytical \& Quantitative Thought <br> (A) | 6 | MATH 1483 or 1493 or 1513 and 3 hours designated (A) |
| Humanities (H) | 6 | Courses designated (H) |
| Natural Sciences ( N ) | 8 | Courses designated (N) |
| Social \& Behavioral Sciences (S) | 6 | Courses designated (S) |
| Diversity (D) | -- | Course designated (D) (see note 1.b.) |
| International Dimension (I) | -- | Course designated (I) (see note 1.b.) |
| Scientific Investigation (L) | -- | Course designated (L) (see note 1.b.) |
| Controlled Electives | 3 | SPCH 2713 or 3733 |
| College/Departmental Requirements: 23 Hours |  |  |
| Orientation | 1 | A\&S 1111 (transfer students with 15 hours exempt) |
| Arts \& Humanities | 9 | (see note 2.a.) |
| Natural \& Mathematical Sciences | 3 | $\overline{\text { (see note 2.b.) }}$ |
| Foreign Languages | 10 | (see note 3.) |
| Non-Western Studies | -- | (see notes 1.b. \& 2.c.) |

general Education Requirements: 41 Hours

College/Departmental Requirements: 23 Hours

Other Requirements: See notes $1,2 \& 3$ on back of degree sheet
Upper-Division Gen Ed: 6 hours outside major prefix.
Upper-Division Credit: Total hours must include at least 48 hours in courses numbered 3000 or above.
Hours in One Prefix: Hours in one prefix in excess of 48 will be added to the minimum total of 120 required for graduation.
Students will be held responsible for degree requirements in effect at the time of matriculation and any changes that are made, so long as these changes do not result in semester credit hours being added or do not delay graduation.

## Major Requirements: 45 Hours

Minimum GPA $\underline{2.50}$ with a minimum grade of " $C$ " in each course.
A minimum of 30 hours POLS (27 hours must be upper-division).
Core Requirements: (12 hours)
POLS 2013 or 2113; POLS 3663; POLS 3103
POLS Capstone (3 hours)
At least 3 hours from 3 different areas ( 9 hours) listed below:
American Politics: select from 3353, 3414, 3423, 3453, 3483, 3513, 3523, 3533, 3613, 3683, 3953, 3973, 4000, 4623, 4693

Comparative Politics: select from 3003, 3053, 3123, 3143, 3163, 3193, 3223, 3313,
40204223
15 hours in one foreign language or equivalent proficiency on the plan
International Relations: select from 3033, 3043, 4010, 4013, 4053, 4113
15 hours in one foreign language or equivalent proficiency on the plan
Political Theory: select from $3663,4553,4573,4653,4670$
Pre-Law/Public Law: select from 3983, 3993, 4353, 4363, 4963, 4973, 4980
Public Policy/Emergency Management: select from
Public Policy: 3493, 4403, 4413, 4453, 4593
Emergency Management: $3733,3763,3813,3893$
Upper-division courses to complete the required 45 from: ECON, ENGL, ENVR, FLL, FPST, GEOG, HIST, MGMT, PHIL, PSYC, REL, SOC

## Electives: 11 Hours

6 hours may need to be upper-division.

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## MAJOR: Psychology

Minimum Overall Grade Point Average: 2.00
Total Hours: 120 (cumulative graduation/retention GPA)

Other GPA requirements see below.

| GEnERAL EdUCATION REQUIREMENTS: 40 Hours |  |  |
| :---: | :---: | :---: |
| Area | Hours | To be selected from: |
| English Composition \& Oral Communication | 6 | ENGL 1113 or 1313 ; \& 1213 or 1413 or <br> 3323 (See Academic Regulation 3.5 in Catalog) |
| American History \& Government | 6 | HIST 1103; POLS 1113 |
| Analytical \& Quantitative Thought (A) | 6 | MATH 1513 and 3 hours designated (A) |
| Humanities (H) | 6 | Courses designated (H) |
| Natural Sciences (N) | 8 | Courses designated ( N ) |
| Social \& Behavioral Sciences (S) | 6 | PSYC 1113 and 3 hours designated (S) |
| Diversity (D) | -- | Course designated (D) (see note 1.b.) |
| International Dimension (I) | -- | Course designated (I) (see note 1.b.) |
| Scientific Investigation (L) | -- | Course designated (L) (see note 1.b.) |
| Controlled Electives | 2 | Any course with a GE designation in any of the above areas |
| College/Departmental Requirements: 23 Hours |  |  |
| Orientation | 1 | A\&S 1111 (transfer students with 15 hours exempt) |
| Arts \& Humanities | 9 | (see note 2.a.) |
| Natural \& Mathematical Sciences | 3 | (see note 2.b.) |
| Foreign Languages | 10 | (see note 3.) |
| Non-Western Studies | -- | (see notes 1.b. \& 2.c.) |

## Major Requirements: 50 Hours

Minimum GPA $\underline{2.00}$ with a minimum grade of " $C$ " in all PSYC courses. No more than 6 hours of PSYC (after 1113) may be lower-division.

Core Requirements: 8 hours
PSYC 3214
PSYC 3914
30 hours to include at least one course from each competency area below.
1)Learning, Cognition, Biological Basis: $3073,3113,3173,3513,3713,3823,4223$, 4023, 4343
2) Psychometrics, Personality, Social Processes: $2743,3013,3413,4333,4153,4813$
3) Developmental and Sociocultural Dimensions: $2313,2583,2593,4123,4133$
4) Clinical, Applied Psychology: $3443,4143,4183,4213,4483$

Other Elective Courses: 3120, 3990, 4493, 4770, 4880, 4990

Choose one of the following emphases outside PSYC:
General Emphasis:
12 hours of upper-division courses from:
AMST, ANTH, ART*, BCOM, CDIS, ECON, EEE, ENGL, EPSY, GEOG, GWST, HDFS, HIST, LSB, MGMT, MKTG, MUSI*, PHIL, POLS, REL, SOC, SPCH, TH* and Foreign Language.

## Applied Emphasis:

12 hours of upper-division courses from:
ECON 3213, 3523
HDFS 3453, 3613, 4423, 4433, 4473
POLS 3414, 3503, 3513, 3523, 4693
SOC 3523, 3823, 4023, 4333, 4850, 4950, 4990
Business Emphasis:
12 hours of upper-division courses from:
BCOM, EEE, LSB, MGMT, MKTG
*music performance, studio art and applied theatre are not permitted.

## Electives: 7 Hours

4 hours may need to be upper-division.

Other Requirements: See notes 1, 2 \& 3 on back of degree sheet
Upper-Division Gen Ed: 6 hours outside major prefix.
Upper-Division Credit: Total hours must include at least 48 hours in courses numbered 3000 or above.
Hours in One Prefix: Hours in one prefix in excess of 48 will be added to the minimum total of 120 required for graduation.
Students will be held responsible for degree requirements in effect at the time of matriculation and any changes that are made, so long as these changes do not result in semester credit hours being added or do not delay graduation.

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 (cumulative graduation/retention GPA) Other GPA requirements see below.| General Education Requirements: 40 Hours |  |  |
| :---: | :---: | :---: |
| Area | Hours | To be selected from: |
| English Composition \& Oral Communication | 6 | ENGL 1113 or $1313 ;$ \& 1213 or 1413 or 3323 (See Academic Regulation 3.5 in Catalog) |
| American History \& Government | 6 | HIST 1103; POLS 1113 |
| Analytical \& Quantitative Thought (A) | 6 | MATH 1483 or 1493 or 1513 ; and 3 hours designated (A) |
| Humanities (H) | 6 | Courses designated (H) |
| Natural Sciences ( N ) | 8 | Courses designated ( N ) |
| Social \& Behavioral Sciences (S) | 6 | Courses designated (S) |
| Diversity (D) | -- | Course designated (D) (see note 1.b.) |
| International Dimension (I) | -- | Course designated (I) (see note 1.b.) |
| Scientific Investigation (L) | -- | Course designated (L) (see note 1.b.) |
| Controlled Electives | 2 | Any course with a GE designation in any of the above areas |
| College/Departmental Requirements: 23 Hours |  |  |
| Orientation | 1 | A\&S 1111 (transfer students with 15 hours exempt) |
| Arts \& Humanities | 9 | $\overline{\text { (see note 2.a.) }}$ |
| Natural \& Mathematical Sciences | 3 | $\overline{\text { (see note 2.b.) }}$ |
| Foreign Languages | 10 | (see note 3.) |
| Non-Western Studies | -- | $\overline{\text { (see notes 1.b. \& 2.c.) }}$ |

## Major Requirements: 40 Hours

Minimum GPA $\underline{2.50}$ in lower-division Russian courses and $\underline{2.50}$ in upper-division Russian courses with minimum grade of "C" in each course.

RUSS 2115, 2225; or equivalent proficiency

RUSS 3113, 3123, 3223, 4223

RUSS 4013, 4023, (required literature courses)

3 hours from:
RUSS 3003
3053
4113
4123

The remaining hours may be taken from related fields, such as:
GEOG 3733
HIST 3153, 3163, 3203
POLS 3003, 3123

## Electives: 18 Hours

All of these may need to be upper-division.

Other Requirements: See notes $1,2 \& 3$ on back of degree sheet Upper-Division Gen Ed: 6 hours outside major prefix.
Upper-Division Credit: Total hours must include at least 48 hours in courses numbered 3000 or above.
Hours in One Prefix: Hours in one prefix in excess of 48 will be added to the minimum total of 121 required for graduation.
Students will be held responsible for degree requirements in effect at the time of matriculation and any changes that are made, so long as these changes do not result in semester credit hours being added or do not delay graduation.

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DEPARTMENT HEAD

General Requirements for Students Matriculating in Academic Year 2011-2012
BACHELOR of ARTS
MAJOR: Sociology
Minimum Overall Grade Point Average: $\mathbf{2 . 0 0}$
Total Hours: 121
(cumulative graduation/retention GPA)
Other GPA requirements see below.

| GEnEral Education Requirements: 40 Hours |  |  | MAJOR REQUIREMENTS: 45 Hours |
| :---: | :---: | :---: | :---: |
| Area | Hours | To be selected from: | Minimum GPA 2.50 <br> Minimum GPA in all SOC/ANTH courses $\underline{2.50}$ with a minimum grade of " $C$ " in all SOC/ANTH courses. <br> Minimum 30 hours of courses with SOC/ANTH prefix. |
| English Composition \& Oral Communication | 6 | ENGL 1113 or 1313 ; \& 1213 or 1413 or 3323 (See Academic Regulation 3.5 in Catalog) |  |
| American History \& Government | 6 | HIST 1103; POLS 1113 | Minimum 30 hours of courses with SOC/ANTH prefix. <br> SOC 1113 |
| Analytical \& Quantitative Thought (A) | 6 | MATH 1483 or 1513; and 3 hours designated (A) | $\begin{aligned} & 2123 \text { (or ANTH 3353) } \\ & 3113 \\ & 4133 \end{aligned}$ |
| Humanities (H) | 6 | Courses designated (H) | $\begin{aligned} & 4243 \\ & 4663 \end{aligned}$ |
| Natural Sciences (N) | 8 | Courses designated ( N ) | 3 hours from: SOC 3133 <br> 4043 |
| Social \& Behavioral Sciences (S) | 6 | Courses designated (S) | $\begin{aligned} & 4383 \\ & 4643 \end{aligned}$ |
| Diversity (D) | -- | Course designated (D) (see note 1.b.) | 15 hours upper-division SOC/ANTH |
| International Dimension (I) | -- | Course designated (I) (see note 1.b.) | 9 hours upper-division related courses |
| Scientific Investigation (L) | -- | Course designated (L) (see note 1.b.) |  |
| Controlled Electives | 2 | Any course with a GE designation in any of the above areas |  |
| College/Departmental Requirements: 23 Hours |  |  |  |
| Orientation | 1 | A\&S 1111 (transfer students with 15 hours exempt) |  |
| Arts \& Humanities | 9 | (see note 2.a.) |  |
| Natural \& Mathematical Sciences | 3 | (see note 2.b.) | Electives: 13 Hours |
| Foreign Languages | 10 | (see note 3.) | 9 hours may need to be upper-division. |
| Non-Western Studies | -- | (see notes 1.b. \& 2.c.) |  |
| Other Requirements: See notes Upper-Division Gen Ed: 6 ho Upper-Division Credit: Total Hours in One Prefix: Hours <br> Students will be held responsible hours being added or do not dela | 3 on ba utside m must in prefix in gree req uation. | of degree sheet <br> prefix. <br> de at least 48 hours in courses numbered 30 xcess of 48 will be added to the minimum tota <br> rements in effect at the time of matriculation and | above. <br> 21 required for graduation. <br> ny changes that are made, so long as these changes do not result in semester cre |

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DEPARTMENT HEAD

BACHELOR of ARTS
MAJOR: Sociology OPTION: Anthropology
Minimum Overall Grade Point Average: $\mathbf{2 . 0 0}$ (cumulative graduation/retention GPA)

Other GPA requirements see below.

| General Education Requirements: 40 Hours |  |  |
| :---: | :---: | :---: |
| Area | Hours | To be selected from: |
| English Composition \& Oral Communication | 6 | ENGL 1113 or 1313; \& 1213 or 1413 or <br> 3323 (See Academic Regulation 3.5 in Catalog) |
| American History \& Government | 6 | HIST 1103; POLS 1113 |
| Analytical \& Quantitative Thought (A) | 6 | MATH 1483 or 1513; and 3 hours designated (A) |
| Humanities (H) | 6 | Courses designated (H) |
| Natural Sciences ( N ) | 8 | Courses designated (N) |
| Social \& Behavioral Sciences (S) | 6 | Courses designated (S) |
| Diversity (D) | -- | Course designated (D) (see note 1.b.) |
| International Dimension (I) | -- | Course designated (I) (see note 1.b.) |
| Scientific Investigation (L) | -- | Course designated (L) (see note 1.b.) |
| Controlled Electives | 2 | Any course with a GE designation in any of the above areas |
| College/Departmental Requirements: 23 Hours |  |  |
| Orientation | 1 | A\&S 1111 (transfer students with 15 hours exempt) |
| Arts \& Humanities | 9 | $\overline{\text { (see note 2.a.) }}$ |
| Natural \& Mathematical Sciences | 3 | $\overline{\text { (see note 2.b.) }}$ |
| Foreign Languages | 10 | $\overline{\text { (see note 3.) }}$ |
| Non-Western Studies | -- | (see notes 1.b. \& 2.c.) |

## Major Requirements: 45 Hours

## Minimum GPA 2.50

Minimum GPA in all SOC/ANTH courses 2.50 with a minimum grade of " C " in all SOC/ANTH courses.

Minimum 30 hours of courses with SOC/ANTH prefix.
ANTH 2353
ANTH 3353
SOC 1113
SOC 3113
SOC 4133
SOC 4243
SOC 4663

6 hours upper-division SOC
6 hours upper-division ANTH
12 hours upper-division related courses from:
ART 3733, 4603, 4763
GEOG 3243, 3713, 3783, 4333, 4353
HIST 3013, 3023, 3133, 3443, 3453, 3463, 3503, 3513, 3543, 3553, 3763, 3793,
4063, 4523, 4980
MUSI 3573, 3583
PHIL 3943
REL 3573
SOC 3133, 4433, 4443, 4453, 4990
ZOOL 3113, 3123

## Electives: 13 Hours

9 hours may need to be upper-division.

Other Requirements: See notes $1,2 \& 3$ on back of degree sheet
Upper-Division Gen Ed: 6 hours outside major prefix.
Upper-Division Credit: Total hours must include at least 48 hours in courses numbered 3000 or above.
Hours in One Prefix: Hours in one prefix in excess of 48 will be added to the minimum total of 121 required for graduation.
Students will be held responsible for degree requirements in effect at the time of matriculation and any changes that are made, so long as these changes do not result in semester credit hours being added or do not delay graduation.

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| SEPARTMENT HEAD |  |  |

## MAJOR: Sociology OPTION: Applied Sociology

Minimum Overall Grade Point Average: 2.00 (cumulative graduation/retention GPA) Other GPA requirements see below.

| General Education Requirements: 40 Hours |  |  |
| :---: | :---: | :---: |
| Area | Hours | To be selected from: |
| English Composition \& Oral Communication | 6 | ENGL 1113 or 1313; \& 1213 or 1413 or <br> 3323 (See Academic Regulation 3.5 in Catalog) |
| American History \& Government | 6 | HIST 1103; POLS 1113 |
| Analytical \& Quantitative Thought <br> (A) | 6 | MATH 1483 or 1513; and 3 hours designated (A) |
| Humanities (H) | 6 | Courses designated (H) |
| Natural Sciences ( N ) | 8 | Courses designated (N) |
| Social \& Behavioral Sciences (S) | 6 | Courses designated (S) |
| Diversity (D) | -- | Course designated (D) (see note 1.b.) |
| International Dimension (I) | -- | Course designated (I) (see note 1.b.) |
| Scientific Investigation (L) | -- | Course designated (L) (see note 1.b.) |
| Controlled Electives | 2 | Any course with a GE designation in any of the above areas |
| College/Departmental Requirements: 23 Hours |  |  |
| Orientation | 1 | A\&S 1111 (transfer students with 15 hours exempt) |
| Arts \& Humanities | 9 | (see note 2.a.) |
| Natural \& Mathematical Sciences | 3 | (see note 2.b.) |
| Foreign Languages | 10 | (see note 3.) |
| Non-Western Studies | -- | (see notes 1.b. \& 2.c.) |

## Major Requirements: 51 Hours

## Minimum GPA 2.50

Minimum GPA in all SOC/ANTH courses $\underline{2.50}$ with a minimum grade of " C " in all SOC/ANTH courses.

SOC 1113; 2123 or ANTH 3353
SOC 3113, 3952, 4133, 4850 (4 hours)
3 hours from: SOC 3133, 4043, 4383, 4643
SOC 4243
SOC 4663

Choose one of the following emphases:
Law, Crime and Social Justice
SOC 3523, 4033, 4333, 4443, 4923
9 hours from: SOC 3133, 3223, 3323, 4213, 4723, EPSY 3213, HDFS 3423, 3453, HHP 3913, PHIL 3843, POLS 3983, PSYC 3443, 4133, 4143

Environment and Society
SOC 4433, 4453, 4463, 4533
12 hours from: SOC 3323, 4323, 4513, 4623, AGEC 4503, ECON 4913, GEOG 3123, 3153, 4123, HIST 4063, 4503, POLS 4363, 4593, PSYC 4213

## Social Services

SOC 3223, 4343, 4723, HDFS 3523
12 hours from: SOC 3133, 4043, 4623, ECON 3523, HDFS 3423, 3443, 3453, 4423, HHP 3613, 3913, 4433, PSYC 4133

## ELectives: 7 Hours

3 hours may need to be upper-division.

Other Requirements: See notes $1,2 \& 3$ on back of degree sheet
Upper-Division Gen Ed: 6 hours outside major prefix.
Upper-Division Credit: Total hours must include at least 48 hours in courses numbered 3000 or above.
Hours in One Prefix: Hours in one prefix in excess of 48 will be added to the minimum total of 121 required for graduation.
Students will be held responsible for degree requirements in effect at the time of matriculation and any changes that are made, so long as these changes do not result in semester credit hours being added or do not delay graduation.

General Requirements for Students Matriculating in Academic Year 2011-2012
BACHELOR of ARTS
MAJOR: Spanish
Minimum Overall Grade Point Average: 2.00
Total Hours: 121
(cumulative graduation/retention GPA)
Other GPA requirements see below.

| General Education Requirements: 40 Hours |  |  |
| :---: | :---: | :---: |
| Area | Hours | To be selected from: |
| English Composition \& Oral Communication | 6 | ENGL 1113 or 1313; \& 1213 or 1413 or <br> 3323 (See Academic Regulation 3.5 in Catalog) |
| American History \& Government | 6 | HIST 1103; POLS 1113 |
| Analytical \& Quantitative Thought (A) | 6 | MATH 1483 or 1493 or 1513 ; and 3 hours designated (A) |
| Humanities (H) | 6 | Courses designated (H) |
| Natural Sciences ( N ) | 8 | Courses designated (N) |
| Social \& Behavioral Sciences (S) | 6 | Courses designated (S) |
| Diversity (D) | -- | Course designated (D) (see note 1.b.) |
| International Dimension (I) | -- | Course designated (I) (see note 1.b.) |
| Scientific Investigation (L) | -- | Course designated (L) (see note 1.b.) |
| Controlled Electives | 2 | Any course with a GE designation in any of the above areas |
| College/Departmental Requirements: 23 Hours |  |  |
| Orientation | 1 | A\&S 1111 (transfer students with 15 hours exempt) |
| Arts \& Humanities | 9 | $\overline{\text { (see note 2.a.) }}$ |
| Natural \& Mathematical Sciences | 3 | $\overline{\text { (see note 2.b.) }}$ |
| Foreign Languages | 10 | (see note 3.) |
| Non-Western Studies | -- | (see notes 1.b. \& 2.c.) |

## Major Requirements: 40 Hours

Minimum GPA $\underline{2.50}$ in lower-division Spanish courses and $\underline{2.50}$ in upper-division Spanish courses with a minimum grade of "C" in each course.

$$
\begin{aligned}
& \text { SPAN 2115, 2233, 2232; or equivalent proficiency } \\
& \text { SPAN 3013, } 3023 \text { or } 3033 ; 3213 ; 4323 \text { or } 4333
\end{aligned}
$$

12 or more hours of Spanish, of which at least 6 hours must be literature courses*, from:

$$
\text { SPAN } 3203 \quad \text { SPAN *4253 }
$$

$$
3463 \quad \text { *4263 }
$$

*4123 4413
*4133 4550 (1-9 hours)
*4163 5110 (1-9 hours)
*4173 FLL 3500 (1-20 hours)
*4223
4000 (1-9 hours)
5210 (1-9 hours)
The remaining hours may be taken from related fields, such as:
GEOG 3723, 3743
HIST 3453, 3463
POLS 3193

Students completing Teacher Education requirements may include professional education courses.

Electives: 18 Hours

All of these may need to be upper-division.

Other Requirements: See notes 1, 2 \& 3 on back of degree sheet Upper-Division Gen Ed: 6 hours outside major prefix.
Upper-Division Credit: Total hours must include at least 48 hours in courses numbered 3000 or above.
Hours in One Prefix: Hours in one prefix in excess of 48 will be added to the minimum total of 121 required for graduation.
Students will be held responsible for degree requirements in effect at the time of matriculation and any changes that are made, so long as these changes do not result in semester credit hours being added or do not delay graduation.

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| General Education Requirements: 41 Hours |  |  |
| :---: | :---: | :---: |
| Area | Hours | To be selected from: |
| English Composition \& Oral Communication | 6 | ENGL 1113 or 1313 ; \& 1213 or 1413 or 3323 (See Academic Regulation 3.5 in Catalog) |
| American History \& Government | 6 | HIST 1103; POLS 1113 |
| Analytical \& Quantitative Thought (A) | 6 | MATH 1483 or 1513; and STAT 2013 or 2053 |
| Humanities (H) | 6 | Courses designated (H) |
| Natural Sciences (N) | 8 | Courses designated (N) |
| Social \& Behavioral Sciences (S) | 6 | ECON 1113 or 2103; MC 1143 |
| Diversity (D) | -- | Course designated (D) (see note 1.b.) |
| International Dimension (I) | -- | Course designated (I) (see note 1.b.) |
| Scientific Investigation (L) | -- | Course designated (L) (see note 1.b.) |
| Controlled Electives | 3 | SPCH 2713 |
| College/Departmental Requirements: 23 Hours |  |  |
| Orientation | 1 | A\&S 1111 (transfer students with 15 hours exempt) |
| Arts \& Humanities | 9 | $\overline{\text { (see note 2.a.) }}$ |
| Natural \& Mathematical Sciences | 3 | $\overline{\text { (see note 2.b.) }}$ |
| Foreign Languages | 10 | (see note 3.) |
| Non-Western Studies | -- | (see notes 1.b. \& 2.c.) |

## Major Requirements: 57 Hours

Minimum 2.50 GPA in JB/MC/MMJ/SC/SPM prefix courses and in Major Requirements with a minimum grade of " $C$ " in each course.

Core Curriculum: MC 2003, 2023, 4143, 4163, SPM 2843, 3843
Select one of the options listed below:

1. Sports Media Broadcast Production:
a. MMJ 3153, 3263, 3913 and SPM 3863, 4813, 4883
b. 6 hrs MC, MMJ, SC or SPM ( 3 hrs must be upper-division)
c. 15 hrs upper-division Traditional Liberal Arts or Business
2. Sports Media Multimedia Journalism:
a. MMJ 3263, 3313, 4393 and SPM 3853, 3863, 4883
b. 6 hrs MC, MMJ, SC or SPM ( 3 hrs must be upper-division)
c. 15 hrs upper-division Traditional Liberal Arts or Business
3. Sports Media Strategic Communications/Promotion
a. SC 2183, 3353, 3753, 3953 and SPM 3783, 4933
b. 6 hrs upper-division MC, MMJ, SC or SPM electives
c. 6 hrs upper-division MKTG
d. 9 hrs upper-division Traditional Liberal Arts or Business

A 2.50 graduation retention GPA and at least 28 hours completed required to declare major. Enrollment in all upper-division department courses except MC 3173 and MC 4253 requires declaration of major, completion of MC 2003 with a " $C$ " or better, and a passing grade on the Language Proficiency Exam.

This option requires a minimum of 65 hours in traditional liberal arts courses to be taken among General Education, Major Requirements or Electives. No more than 12 hours in JB/MC/MMJ/SC/SPM can be transferred from other institutions.

This major requires students to develop and maintain a portfolio exhibiting specific and appropriate work including required class assignments.

## Electives: 4 Hours

Hours selected may need to be in traditional liberal arts.
3 hours may need to be upper-division

Other Requirements: See notes $1,2 \& 3$ on back of degree sheet
Upper-Division Gen Ed: 6 hours outside major prefix.
Upper-Division Credit: Total hours must include at least 48 hours in courses numbered 3000 or above.
Hours in One Prefix: Hours in one prefix in excess of 45 will be added to the minimum total of 125 required for graduation.
Students will be held responsible for degree requirements in effect at the time of matriculation and any changes that are made, so long as these changes do not result in semester credit hours being added or do not delay graduation.

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DEPARTMENT HEAD

| GENERAL EDUCATION REQUIREMENTS: 41 HOURS |  |  |
| :--- | :---: | :--- |
| Area | Hours | To be selected from: |
| English Composition \& Oral <br> Communication | 6 | ENGL 1113 or 1313; \& 1213 or 1413 or <br> 3323 (See Academic Regulation 3.5 in Catalog) |
| American History \& Government | 6 | HIST 1103; POLS 1113 |
| Analytical \& Quantitative Thought <br> (A) | 6 | MATH 1483 or 1513; and STAT 2013 or <br> 2053 |
| Humanities (H) | 6 | Courses designated (H) |
| Natural Sciences (N) | 8 | Courses designated (N) |
| Social \& Behavioral Sciences (S) | 6 | ECON 1113 or 2103; MC 1143 |
| Diversity (D) | -- | Course designated (D) (see note 1.b.) |
| International Dimension (I) | -- | Course designated (I) (see note 1.b.) |
| Scientific Investigation (L) | -- | Course designated (L) (see note 1.b.) |
| Controlled Electives | 3 | SPCH 2713 |

College/Departmental Requirements: 23 Hours

| Orientation | 1 | A\&S 1111 (transfer students with 15 hours <br> exempt) |
| :--- | :---: | :--- |
| Arts \& Humanities | 9 | $\frac{\text { (see note 2.a.) }}{}$ |
| Natural \& Mathematical Sciences | 3 | $\overline{\text { (see note 2.b.) }}$ |
| Foreign Languages | 10 | $\overline{\text { (see note 3.) }}$ |
| Non-Western Studies | -- |  |

## Major Requirements: 57 Hours

Minimum 2.50 GPA in JB/MC/MMJ/SC/SPM prefix courses and in Major Requirements with a minimum grade of "C" in each course.

| MC 2003 | SC 2013 or 2183 |
| :---: | :---: |
| 2023 | 3353 |
| 4143 | 3383 |
| 4163 | 3753 |
|  | 3953 |
|  | 4013 |
|  | 4843 or 4980 |

SC 3603 or 4493
6 hrs MC, MMJ, SC or SPM (3 hrs must be upper-division)
6 hrs upper-division MKTG
9 hrs upper-division Traditional Liberal Arts or Business

A 2.50 graduation retention GPA and at least 28 hours completed required to declare major. Enrollment in all upper-division department courses except MC 3173 and MC 4253 requires declaration of major, completion of MC 2003 with a "C" or better, and a passing grade on the Language Proficiency Exam.

This option requires a minimum of 65 hours in traditional liberal arts courses to be taken among General Education, Major Requirements or Electives. No more than 12 hours in JB/MC/MMJ/SC/SPM can be transferred from other institutions.

Students are required to develop and maintain a portfolio exhibiting specific and appropriate work including required class assignments.

## Electives: 4 Hours

Hours selected may need to be in traditional liberal arts
3 hours may need to be upper-division

Other Requirements: See notes $1,2 \& 3$ on back of degree sheet
Upper-Division Gen Ed: 6 hours outside major prefix.
Upper-Division Credit: Total hours must include at least 48 hours in courses numbered 3000 or above.
Hours in One Prefix: Hours in one prefix in excess of 45 will be added to the minimum total of 125 required for graduation.
Students will be held responsible for degree requirements in effect at the time of matriculation and any changes that are made, so long as these changes do not result in semester credit hours being added or do not delay graduation. (cumulative graduation/retention GPA)

Other GPA requirements see below.

| GENERAL EDUCATION REQUIREMENTS: 40 Hours |  |  |
| :---: | :---: | :---: |
| Area | Hours | To be selected from: |
| English Composition \& Oral Communication | 6 | ENGL 1113 or 1313; \& 1213 or 1413 or <br> 3323 (See Academic Regulation 3.5 in Catalog) |
| American History \& Government | 6 | HIST 1103; POLS 1113 |
| Analytical \& Quantitative Thought (A) | 6 | MATH 1483 or 1493 or 1513; and 3 hours designated (A) |
| Humanities (H) | 6 | Courses designated (H) |
| Natural Sciences ( N ) | 8 | Courses designated (N) |
| Social \& Behavioral Sciences (S) | 6 | Courses designated (S) |
| Diversity (D) | -- | Course designated (D) (see note 1.b.) |
| International Dimension (I) | -- | Course designated (I) (see note 1.b.) |
| Scientific Investigation (L) | -- | Course designated (L) (see note 1.b.) |
| Controlled Electives | 2 | Any course with a GE designation in any of the above areas |
| College/Departmental Requirements: 23 Hours |  |  |
| Orientation | 1 | A\&S 1111 (transfer students with 15 hours exempt) |
| Arts \& Humanities | 9 | ENGL 4723; 3 additional hours ENGL (upper-division dramatic literature); and 3 additional upper-division hours (see note 2.a.) |
| Natural \& Mathematical Sciences | 3 | $\overline{\text { (see note 2.b.) }}$ |
| Foreign Languages | 10 | $\overline{\text { (see note 3.) }}$ |
| Non-Western Studies | -- | $\overline{\text { (see notes 1.b. \& 2.c.) }}$ |

Other Requirements: See notes 1, 2 \& 3 on back of degree sheet
Upper-Division Gen Ed: 6 hours outside major prefix.
Upper-Division Credit: Total hours must include at least 48 hours in courses numbered 3000 or above.
Hours in One Prefix: Hours in one prefix in excess of 48 will be added to the minimum total of 120 required for graduation.
Students will be held responsible for degree requirements in effect at the time of matriculation and any changes that are made, so long as these changes do not result in semester credit hours being added or do not delay graduation.

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## Electives: 9 Hours

All electives plus 6 hours general education or college/departmental requirements, in addition to the required upper-division Arts and Humanities, may need to be upperdivision.

## Major Requirements: 48 Hours

Minimum GPA 2.50

TH 1323
1663
1673
2563

Choose 2 courses from: TH 3923, 3933, 3943

6 hours total from: TH 1500 (at least 2 hours), 3500

Choose 21 hours from among the following: (At least two categories must be represented)

Theatre Performance: TH $2213,2633,2323,3373,3400,3412,3433,3442,3432$, 3452, 3530, 4383, 4393, 4753, 4853, 4953

Theatre Design/Technology: TH 2553, 3400, 3630, 3903, 3971, 4183, 4223, 4593, 4653, 4663, 4673, 4683, 4963, 4973, 4983

History/Literature/Criticism/Dramaturgy: TH 3213, 3633, 3913, 5233*, $5600^{*}$, third class from the history classes from core above $(3923,3933,3943)$
*requires consent of instructor

Choose one course from:
TH 4403, 4563, 4853**, 4953**
(**if not used in Theatre-Performance category)

General Requirements for Students Matriculating in Academic Year 2011-2012
BACHELOR of FINE ARTS
MAJOR: Art OPTION: Graphic Design
Minimum Overall Grade Point Average: 2.00
Total Hours: 120
(cumulative graduation/retention GPA)
Other GPA requirements see below.

| GENERAL EDUCATION REQUIREMENTS: 40 HoURS |  |  |
| :--- | :---: | :--- |
| Area | Hours | To be selected from: |
| English Composition \& Oral <br> Communication | 6 | ENGL 1113 or 1313; \& 1213 or 1413 or <br> 3323 (See Academic Regulation 3.5 in Catalog) |
| American History \& Government | 6 | HIST 1103; POLS 1113 |
| Analytical \& Quantitative Thought <br> (A) | 6 | MATH 1483 or 1493 or 1513; and 3 hours <br> designated (A); or MATH 1715 |
| Humanities (H) | 6 | Courses designated (H) |
| Natural Sciences (N) | 8 | Courses designated (N) |
| Social \& Behavioral Sciences (S) | 6 | Courses designated (S) |
| Diversity (D) | -- | Course designated (D) (see note 1.b.) |
| International Dimension (I) | -- | Course designated (I) (see note 1.b.) |
| Scientific Investigation (L) | -- | Course designated (L) (see note 1.b.) |
| Controlled Electives | 2 | Any course with a GE designation in any of <br> the above areas |
|  |  |  |

College/Departmental Requirements: 10 Hours

| Orientation | 1 | A\&S 1111 (transfer students with 15 hours <br> exempt) |
| :--- | :---: | :--- |
| Arts \& Humanities | 9 | ART 3683; 3 hours upper-division Art <br> History; 3 additional hours (see note 2.a.) |
| Non-Western Studies | -- | $\frac{\text { (see notes 1.b. \& 2.c.) }}{}$ |

## Electives: 7 Hours

All electives plus 2 hours general education or college/departmental requirements, in addition to the required upper-division Art History, may need to be upper-division.

Other Requirements: See notes 1, 2 \& 3 on back of degree sheet
Foreign Language Proficiency: See note 3 on back of sheet.
Upper-Division Gen Ed: 6 hours outside major prefix.
Upper-Division Credit: Total hours must include at least 48 hours in courses numbered 3000 or above.
Students will be held responsible for degree requirements in effect at the time of matriculation and any changes that are made, so long as these changes do not result in semester credit hours being added or do not delay graduation.

General Requirements for Students Matriculating in Academic Year 2011-2012
BACHELOR of FINE ARTS
MAJOR: Art OPTION: Studio
Minimum Overall Grade Point Average: 2.00
Total Hours: 120
(cumulative graduation/retention GPA)
Other GPA requirements see below.

| GENERAL EDUCATION REQUIREMENTS: 40 HOURS |  |  |
| :--- | :---: | :--- |
| Area | Hours | To be selected from: |
| English Composition \& Oral <br> Communication | 6 | ENGL 1113 or 1313; \& 1213 or 1413 or <br> 3323 (See Academic Regulation 3.5 in Catalog) |
| American History \& Government | 6 | HIST 1103; POLS 1113 |
| Analytical \& Quantitative Thought <br> (A) | 6 | MATH 1483 or 1493 or 1513; and 3 hours <br> designated (A); or MATH 1715 |
| Humanities (H) | 6 | Courses designated (H) |
| Natural Sciences (N) | 8 | Courses designated (N) |
| Social \& Behavioral Sciences (S) | 6 | Courses designated (S) |
| Diversity (D) | -- | Course designated (D) (see note 1.b.) |

## MAJOR REQUIREMENTS: 66 Hours

Minimum GPA in all ART courses $\underline{2.75}$ with a minimum grade of " C " in all ART courses.
Core Curriculum
ART 1103, 1113, 1203, 1303, 2003, 2113, 2603, 2613
Lower-division Professional Sequence
2-D studio media: 6 hours/choose 2 - ART 2223, 2233, 2273, 2283
3-D studio media: 6 hours/choose 2 - ART 2243, 2253, 2263
Upper-division Professional Sequence
Proficiency review required to take courses below:
Studio primary media focus: 12 hours
ART 3223, 4220 (9 hours)
or 3233, 4230 (9 hours)
or 3243,4240 (9 hours)
or 3253,4250 ( 9 hours)
or 3263,4260 ( 9 hours)
or 3273, 4270 ( 9 hours)
or 3110 (3-9 hours) and 4100 (3-9 hours)
Studio secondary media focus: 9 hours
ART 3223, 4220 ( 6 hours)
or 3233,4230 ( 6 hours)
or 3243,4240 ( 6 hours)
or 3253, 4250 ( 6 hours)
or 3263,4260 ( 6 hours)
or 3273,4270 ( 6 hours)
or 3110 (3-9 hours) and 4100 (3-9 hours)
Studio media electives: 3 hours
ART upper-division studio media (3 hours)
Studio Capstone/Upper-division Art History: 6 hours
ART 4213
ART 4613

## Electives: 4 Hours

All electives plus 8 hours general education courses or college/departmental requirements, in addition to the required upper-division Art History, may need to be upper-division.

Other Requirements: See notes 1, 2 \& 3 on back of degree sheet
Foreign Language Proficiency: See note 3 on back of sheet.
Upper-Division Gen Ed: 6 hours outside major prefix.
Upper-Division Credit: Total hours must include at least 48 hours in courses numbered 3000 or above.
Students will be held responsible for degree requirements in effect at the time of matriculation and any changes that are made, so long as these changes do not result in semester credit hours being added or do not delay graduation.

BACHELOR of MUSIC
MAJOR: Music OPTION: Elective Studies in Business
Minimum Overall Grade Point Average: 2.00
Total Hours: 120
(cumulative graduation/retention GPA)
Other GPA requirements see below.

| General Education Requirements: 40 Hours |  |  |
| :---: | :---: | :---: |
| Area | Hours | To be selected from: |
| English Composition \& Oral Communication | 6 | ENGL 1113 or 1313; \& 1213 or 1413 or 3323 (See Academic Regulation 3.5 in Catalog) |
| American History \& Government | 6 | HIST 1103; POLS 1113 |
| Analytical \& Quantitative Thought (A) | 6 | MATH 1483 or 1513; and STAT 2013 |
| Humanities (H) | 6 | MUSI 3753 and 3 hours designated (A) |
| Natural Sciences ( N ) | 8 | Courses designated ( N ) |
| Social \& Behavioral Sciences (S) | 6 | ECON 2103 and 3 hours designated (S) |
| Diversity (D) | -- | Course designated ( D ) (see note 1.b.) |
| International Dimension (I) | -- | Course designated (I) (see note 1.b.) |
| Scientific Investigation (L) | -- | Course designated (L) (see note 1.b.) |
| Controlled Electives | 2 | Any course with a GE designation in any of the above areas |
| College/Departmental Requirements: 1 Hour |  |  |
| Orientation | 1 | A\&S 1111 (transfer students with 15 hours exempt) |

## MAJOR Requirements: 79 Hours

Minimum 2.50 GPA in all Music and Business courses with a minimum grade of " C ' in each Music and Business course.

MUSI 1531, 1533, 1541, 1543, 1623, 2551, 2553, 2561, 2563
4 hours lower-division Applied Major Music Lessons
2 hours Applied Minor Music Lessons
4 hours lower-division large ensemble from MUSI 2610, 2620 or 2630
6 hours ACCT 2103, ECON 2203
MUSI 3592, 3712, 3763, 3783, 3873, 4972
4 hours from upper-division Applied Major Music Lessons (to include at least 1 hour at the 4000 level)

Instrumental and Voice Majors:
4 hours upper-division large ensemble from MUSI 3610,3620 or 3630
Keyboard Majors:
$\underline{2}$ hours upper-division large or chamber ensemble from MUSI 3610, 3620, 3630 or 4600 $\underline{2 \text { hours collaborative piano, MUSI } 4600}$

LSB 3213
MGMT 3013, 3313
MKTG 3213
MSIS 2103
MUSI 4100 Internship (6 hours)

All Music Majors must successfully complete an entrance audition, upper-division theory examination, keyboard proficiency examination, and six semesters of MUSI 0500 Recital Attendance.

## Electives: 0 Hours

Other Requirements: See notes 1, 2 \& 3 on back of degree sheet
Foreign Language Proficiency: See note 3 on back of sheet.
Upper-Division Gen Ed: 6 hours outside major prefix.
Upper-Division Credit: Total hours must include at least 48 hours in courses numbered 3000 or above.
Students will be held responsible for degree requirements in effect at the time of matriculation and any changes that are made, so long as these changes do not result in semester credit hours being added or do not delay graduation.


DEAN

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DEPARTMENT HEAD

BACHELOR of MUSIC
MAJOR: Music OPTION: Performance

Minimum Overall Grade Point Average: 2.00 (cumulative graduation/retention GPA) Other GPA requirements see below.

Total Hours: Vocal-133 Keyboard/Instrumental-128

| GENERAL EDUCATION REQUIREMENTS: 40 HoURS |  |  |
| :--- | :---: | :--- |
| Area | Hours | To be selected from: |
| English Composition \& Oral <br> Communication | 6 | ENGL 1113 or 1313; \& 1213 or 1413 or <br> 3323 (See Academic Regulation 3.5 in Catalog) |
| American History \& Government | 6 | HIST 1103; POLS 1113 |
| Analytical \& Quantitative Thought <br> (A) | 6 | MATH 1483 or 1493 or 1513; and 3 hours <br> designated (A) |
| Humanities (H) | 6 | MUSI 3753 and 3 hours designated (H) |
| Natural Sciences (N) | 8 | Courses designated (N) |
| Social \& Behavioral Sciences (S) | 6 | Courses designated (S) |
| Diversity (D) | - | Course designated (D) (see note 1.b.) |
| International Dimension (I) | -- | Course designated (I) (see note 1.b.) |
| Scientific Investigation (L) | -- | Course designated (L) (see note 1.b.) |
| Controlled Electives | 2 | Any course with a GE designation in any of <br> the above areas |


| COLLEGE/DEPARTMENTAL REQUIREMENTS: 1 Hour |  |  |
| :--- | :---: | :--- |
| Orientation | 1 | A\&S 1111 (transfer students with 15 hours <br> exempt) |

## Electives: 0 Hours

2 hours general education requirements, in addition to MUSI 3753 , must be upperdivision on Keyboard/Instrumental.

Other Requirements: See notes $1,2 \& 3$ on back of degree sheet
Foreign Language Proficiency: See note 3 on back of sheet.
Upper-Division Gen Ed: 6 hours outside major prefix.
Upper-Division Credit: Total hours must include at least 48 hours in courses numbered 3000 or above.
Students will be held responsible for degree requirements in effect at the time of matriculation and any changes that are made, so long as these changes do not result in semester credit hours being added or do not delay graduation.

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## Signature on file in the Office of the Registrar

| General Education Requirements: 41 Hours |  |  |
| :---: | :---: | :---: |
| Area | Hours | To be selected from: |
| English Composition \& Oral Communication | 6 | ENGL 1113 or 1313; \& 1213 or 1413 or 3323 (See Academic Regulation 3.5 in Catalog) |
| American History \& Government | 6 | HIST 1103; POLS 1113 |
| Analytical \& Quantitative Thought (A) | 6 | MATH 1483 or 1493 or 1513 ; and 3 hours designated (A) |
| Humanities (H) | 6 | MUSI 3753 and 3 upper-division hours designated (H) |
| Natural Sciences (N) | 8 | Courses designated (N) |
| Social \& Behavioral Sciences (S) | 6 | PSYC 1113 and 3 upper-division hours designated (S) |
| Diversity (D) | -- | Course designated (D) (see note 1.b.) |
| International Dimension (I) | -- | Course designated (I) (see note 1.b.) |
| Scientific Investigation (L) | -- | Course designated (L) (see note 1.b.) |
| Controlled Electives | 3 | SPCH 2713 |
| College/Departmental Requirements: 1 Hour |  |  |
| Orientation | 1 | A\&S 1111 (transfer students with 15 hours exempt) |

## Major Requirements 86 Hours

Minimum 2.50 GPA in all Music and Professional Education courses with a minimum grade of " $C$ ' in each course.

Lower Division: $\underline{28 \text { hours }}$
MUSI 1531, 1533, 1541, 1543, 2551, 2553, 2561, 2563
8 hours lower-division Applied Major Music Lessons 4 hours lower-division Major Music Organization
Upper-Division: 22 hours
MUSI 3712, 3722, 3763, 3783, 3873, 4901, 4972
6 hours from upper-division Applied Major Music Lessons
(to include at least 2 hours at 4000 level)
Professional Education: 19 hours
EPSY 3413, SPED 3202
MUSI 2722, 2832, 3631, 3743, 4940 (6 hours)
Certification: Choose Instrumental or Vocal
Instrumental: 17 hours
2 hours Piano
7 hours Instrumental Techniques Classes
MUSI 1031 or 2630 (1 hour) or 3630 (1 hour)
MUSI 3842, 3852
3 hours upper-division large ensemble from MUSI 3610, 3620 or 3630
Vocal/Keyboard: 17 hours
3 hours lower-division Minor Music Lesson Field
MUSI 1631, 2842, 3732, 4842, 4890 (2 hours)
Keyboard: MUSI 3130 (2 hours)
MUSI 46003 hours ( 2 hours collaborative piano; 1 hour chamber ensemble) Vocal: MUSI 3022
3 hours upper-division large ensemble from MUSI 3610, 3620 or 3630
All Music Majors must successfully complete an entrance audition, upper-division theory examination, keyboard proficiency examination, and six semesters of MUSI 0500 Recital Attendance; and must participate in Applied Major Music Lessons each semester of residence. All wind and percussion instrumental music education majors must enroll in MUSI 2610/3610 (Marching Band) each fall semester, except while student teaching.

## Electives: 0 Hours

Other Requirements: See notes 1, 2 \& 3 on back of degree sheet
Foreign Language Proficiency: See note 3 on back of sheet.
Upper-Division Gen Ed: 6 hours outside major prefix.
Upper-Division Credit: Total hours must include at least 48 hours in courses numbered 3000 or above.
Students will be held responsible for degree requirements in effect at the time of matriculation and any changes that are made, so long as these changes do not result in semester credit hours being added or do not delay graduation.

Signature on file in the Office of the Registrar

DEPARTMENT HEAD

## BACHELOR of SCIENCE

MAJOR: Biochemistry

Minimum Overall Grade Point Average: 2.00
(cumulative graduation/retention GPA)
Other GPA requirements see below.

Total Hours: 120

| GEnERAL EdUCATION REQUIREMENTS: 42 HoUrS |  |  |
| :---: | :---: | :---: |
| Area | Hours | To be selected from: |
| English Composition \& Oral Communication | 6 | ENGL 1113 or 1313; \& 1213 or 1413 or 3323 (See Academic Regulation 3.5 in Catalog) |
| American History \& Government | 6 | HIST 1103; POLS 1113 |
| Analytical \& Quantitative Thought (A) | 7 | MATH 2144 \& 2153 |
| Humanities (H) | 6 | Courses designated (H) |
| Natural Sciences (N) | 8 | CHEM 1314; PHYS 1114 or 2014 |
| Social \& Behavioral Sciences (S) | 6 | Courses designated (S) |
| Diversity (D) | -- | Course designated (D) (see note 1.b.) |
| International Dimension (I) | -- | Course designated (I) (see note 1.b.) |
| Scientific Investigation (L) | -- | Course designated (L) (see note 1.b.) |
| Controlled Electives | 3 | SPCH 2713 |
| College/Departmental Requirements: 26 Hours |  |  |
| Orientation | 1 | A\&S 1111 (transfer students with 15 hours exempt) |
| Arts and Humanities | 3 | (see note 2.a.) |
| Natural \& Mathematical Sciences | 22 | BIOL 1114, CHEM 1515, MICR 2123, 2132, PHYS 1214 or 2114, ZOOL 1604 (or BOT 1404) |

## Major Requirements: 42 Hours

Minimum GPA 2.00. Minimum GPA in BIOC courses $\underline{2.00}$.
BIOC $3713,3723,3813,4224$ (or CHEM 3433), 4883, 4990 (2 hours)
BIOL 3023 (or ANSI 3423 or PLNT 3554)
CHEM 2113, 3053, 3112, 3153
At least one course from:
BOT 3463, ENTO 3044, ZOOL 3204, ZOOL 4215
Hours from the following or related courses to total 42 hours:
ANSI 3543
BIOC *1990 (1-2 hours), 2101, 2200 (1-6-hours), *4990 (1-8 hours), 5753, 5853
BIOL 3034
BOT 3462
CHEM 2122, 3353, 3532, 3553, 4020 ( $1-5$ hours), 4320 ( $1-3$ hours)
ENTO 4854
MATH 2163, 2233, 3013
MICR $3143,3154,3223,3253,4012,4112,4123,4133,4134,4203,4214,4233$, 4253, 4263, 4323, 4353, 4423
NSCI 4323
PHYS 4313
STAT 4013
ZOOL 2104, 3114, 4133, 4134, 4223, 4273, 4283, 4293, 4303, 4503

With approval from the adviser and department head, maximum of 30 hours of science courses from an accredited doctoral health program may be substituted for major requirements other than BIOC 3713, 3723, 3813.
*total from BIOC 1990 \& 4990 may not exceed 10 hours.

## Electives: 10 Hours

All electives plus 7 hours general education or college/departmental requirements may need to be upper-division.

Other Requirements: See notes $1,2 \& 3$ on back of degree sheet
Foreign Language Proficiency: See note 3 on back of sheet.
Upper-Division Gen Ed: 6 hours outside major prefix.
Upper-Division Credit: Total hours must include at least 48 hours in courses numbered 3000 or above.
Hours in One Prefix: Hours in one prefix in excess of 48 will be added to the minimum total of 120 required for graduation.
Students will be held responsible for degree requirements in effect at the time of matriculation and any changes that are made, so long as these changes do not result in semester credit hours being added or do not delay graduation.

Minimum Overall Grade Point Average: 2.00
(cumulative graduation/retention GPA)
Other GPA requirements see below.

## Total Hours: 124

| General Education Requirements: 41 Hours |  |  |
| :---: | :---: | :---: |
| Area | Hours | To be selected from: |
| English Composition \& Oral Communication | 6 | ENGL 1113 or 1313 ; \& 1213 or 1413 or 3323 (See Academic Regulation 3.5 in Catalog) |
| American History \& Government | 6 | HIST 1103; POLS 1113 |
| Analytical \& Quantitative Thought (A) | 6 | MATH 1513 and 1613; or 1715 |
| Humanities (H) | 6 | Courses designated (H) |
| Natural Sciences (N) | 8 | PHYS 1114* and 1214*; or PHYS 2014* and 2114* |
| Social \& Behavioral Sciences (S) | 6 | Courses designated (S) |
| Diversity (D) | -- | Course designated (D) (see note 1.b.) |
| International Dimension (I) | -- | Course designated (I) (see note 1.b.) |
| Scientific Investigation (L) | -- | Course designated (L) (see note 1.b.) |
| Controlled Electives | 3 | Any course with a GE designation in any of the above areas |
| *College and Departmental Requirements that may be used to meet GE Requirements. |  |  |


| ColLEGE/DEPARTMENTAL REQUIREMENTS: 13 HoURS |  |  |
| :--- | :---: | :--- |
| Orientation | 1 | A\&S 1111 (transfer students with 15 hours <br> exempt) |
| Arts and Humanities | 3 | (see note 2.a.) <br> Natural \& Mathematical Sciences |

## Major Requirements: 56 Hours

Minimum GPA $\underline{2.50}$ in Major Requirements OR minimum grade of " $C$ " in each course.
BIOL 1114, 3023, 3034
BOT 1404
BOT 3463 or ZOOL 3204
CHEM 3053, 3112, 3153; or 3015
MICR 2123, 2132, 3033
STAT 4013
ZOOL 1604, 4133
Choose one of the following laboratory-based Botany courses:

| BOT 3005 | BOT 3233 |
| :--- | :--- |
| BOT 3013 | BOT $3462 \& 3463$ |
| BOT 3024 | BOT 3553 |
| BOT 3114 | BOT 4214 |

Choose six hours of upper-division coursework from*: BIOL, BOT, MICR, ZOOL.
You may need additional hours to reach the required 56 hours. Choose remaining 1-6 upper-division hours (as approved by the departmental advisor) from the following*:

| ANSI 3543 | GEOG | PLP |
| :--- | :--- | :--- |
| BIOC | GEOL | PSYC 3073 (N) |
| BIOL | HORT | SOIL |
| BOT | MATH | STAT |
| CHEM | MICR (except 3103) | ZOOL |
| ENGL 3323 | NREM |  |
| ENTO | PLNT |  |

(Note: No more than 3 hours of courses with a general education designation may be used toward Major Requirements.)

* With approval from the adviser and department head, a maximum of 30 hours from an accredited doctoral health program may be used for these areas, 14 hours of electives, BIOL 3034, and STAT 4013.


## Electives: 14 Hours

9 hours may need to be upper-division.

Other Requirements: See notes $1,2 \& 3$ on back of degree sheet
Foreign Language Proficiency: See note 3 on back of sheet.
Upper-Division Gen Ed: 6 hours outside major prefix.
Upper-Division Credit: Total hours must include at least 48 hours in courses numbered 3000 or above.
Hours in One Prefix: Hours in one prefix in excess of 48 will be added to the minimum total of 124 required for graduation.
Students will be held responsible for degree requirements in effect at the time of matriculation and any changes that are made, so long as these changes do not result in semester credit hours being added or do not delay graduation.

General Requirements for Students Matriculating in Academic Year 2011-2012
BACHELOR of SCIENCE

## MAJOR: Botany

Minimum Overall Grade Point Average: 2.00
Total Hours: 120
(cumulative graduation/retention GPA)
Other GPA requirements see below.

## Major Requirements: 52 Hours

Minimum GPA $\underline{2.00}$ in Major Requirements with a minimum grade of "C" in upperdivision courses.

BIOL 3023, 3034
BOT 1404, 3233, 3463, 4400 (1 hour)
BOT 3005 or 3114 or 4214
9 hours upper-division BOT
CHEM 3015; or 3053, 3112, 3153
MICR 2123 or ZOOL 1604
STAT 4013
ZOOL 4133

Upper-division courses as approved by the departmental adviser to complete the required 52 hours from:

| BIOC | MATH |
| :--- | :--- |
| BIOL | MICR |
| BOT | NREM |
| CHEM | PLNT |
| CS | SOIL |
| ENTO | STAT |
| GEOG | ZOOL |
| GEOL |  |

Note: No more than 3 hours of courses with a general education designation may be used in this area.

Electives: 14 Hours

1 hour may need to be upper-division.

Other Requirements: See notes $1,2 \& 3$ on back of degree sheet
Foreign Language Proficiency: See note 3 on back of sheet.
Upper-Division Gen Ed: 6 hours outside major prefix.
Upper-Division Credit: Total hours must include at least 48 hours in courses numbered 3000 or above.
Hours in One Prefix: Hours in one prefix in excess of 48 will be added to the minimum total of 120 required for graduation.
Students will be held responsible for degree requirements in effect at the time of matriculation and any changes that are made, so long as these changes do not result in semester credit hours being added or do not delay graduation.
Signature on file in the Office of the Registrar
DEAN

| GENERAL EDUCATION REQUIREMENTS: 42 HoURS |  |  |
| :--- | :---: | :--- |
| Area | Hours | To be selected from: |
|  <br> Oral Communication | 6 | ENGL 1113 or 1313; \& 1213 or 1413 or <br> 3323 (See Academic Regulation 3.5 in Catalog) |
| American History \& Government | 6 | HIST 1103; POLS 1113 |
| Analytical \& Quantitative Thought <br> (A) | 7 | MATH 2144, 2153 |
| Humanities (H) | 6 | Courses designated (H) |
| Natural Sciences (N) | 8 | BIOL 1114; CHEM 1314 |
| Social \& Behavioral Sciences (S) | 6 | Courses designated (S) |
| Diversity (D) | -- | Course designated (D) (see note 1.b.) |
| International Dimension (I) | -- | Course designated (I) (see note 1.b.) |
| Scientific Investigation (L) | -- | Course designated (L) (see note 1.b.) |
| Controlled Electives | 3 | Any course with a GE designation in any of <br> the above areas |

College/Departmental Requirements: 13 Hours

| Orientation | 1 | A\&S 1111 (transfer students with 15 hours <br> exempt) |
| :--- | :---: | :--- |
| Arts and Humanities | 3 |  |
| Natural \& Mathematical Sciences | 9 | CHEM 1515; PHYS 2014 or 2314 |

## Electives: 12 Hours

10 hours may need to be upper-division.
Suggested courses: BIOL 3023, BOT 1404 or ZOOL 1604, CS 1113, ENSC 2213, MICR 2123, 2132

Other Requirements: See notes $1,2 \& 3$ on back of degree sheet
Foreign Language Proficiency: See note 3 on back of sheet.
Upper-Division Gen Ed: 6 hours outside major prefix.
Upper-Division Credit: Total hours must include at least 48 hours in courses numbered 3000 or above.
Hours in One Prefix: Hours in one prefix in excess of 48 will be added to the minimum total of 120 required for graduation.
Students will be held responsible for degree requirements in effect at the time of matriculation and any changes that are made, so long as these changes do not result in semester credit hours being added or do not delay graduation.

| GENERAL EDUCATION REQUIREMENTS: 42 HoURS |  |  |
| :--- | :---: | :--- |
| Area | Hours | To be selected from: |
|  <br> Oral Communication | 6 | ENGL 1113 or 1313; \& 1213 or 1413 or <br> 3323 (See Academic Regulation 3.5 in Catalog) |
| American History \& Government | 6 | HIST 1103; POLS 1113 |
| Analytical \& Quantitative Thought <br> (A) | 7 | MATH 2144, 2153 |
| Humanities (H) | 6 | Courses designated (H) |
| Natural Sciences (N) | 8 | BIOL 1114; CHEM 1314 |
| Social \& Behavioral Sciences (S) | 6 | Courses designated (S) |
| Diversity (D) | -- | Course designated (D) (see note 1.b.) |
| International Dimension (I) | -- | Course designated (I) (see note 1.b.) |
| Scientific Investigation (L) | -- | Course designated (L) (see note 1.b.) |
| Controlled Electives | 3 | Any course with a GE designation in any of <br> the above areas |

College/Departmental Requirements: 13 Hours

| Orientation | 1 | A\&S 1111 (transfer students with 15 hours <br> exempt) |
| :--- | :---: | :--- |
| Arts and Humanities | 3 | $\frac{\text { (see note 2.a.) }}{}$ |
| Natural \& Mathematical Sciences | 9 | CHEM 1515; PHYS 2014 or 2314 |

Electives: 22 Hours

20 hours may need to be upper-division.
Suggested courses: BIOL 3023, BOT 1404 or ZOOL 1604, CS 1113,
ENSC 2213, MICR 2123, 2132.

Other Requirements: See notes $1,2 \& 3$ on back of degree sheet
Foreign Language Proficiency: See note 3 on back of sheet.
Upper-Division Gen Ed: 6 hours outside major prefix.
Upper-Division Credit: Total hours must include at least 48 hours in courses numbered 3000 or above.
Hours in One Prefix: Hours in one prefix in excess of 48 will be added to the minimum total of 120 required for graduation.
Students will be held responsible for degree requirements in effect at the time of matriculation and any changes that are made, so long as these changes do not result in semester credit hours being added or do not delay graduation.

BACHELOR of SCIENCE
MAJOR: Communication Sciences and Disorders

Minimum Overall Grade Point Average: 2.00
(cumulative graduation/retention GPA)
Other GPA requirements, see below.

| GENERAL EDUCATION REQUIREMENTS: 41 HoURS |  |  |
| :--- | :---: | :--- |
| Area | Hours | To be selected from: |
|  <br> Oral Communication | 6 | ENGL 1113 or 1313; \& 1213 or 1413 or <br> 3323 (See Academic Regulation 3.5 in Catalog) |
| American History \& Government | 6 | HIST 1103; POLS 1113 |
| Analytical \& Quantitative Thought <br> (A) | 6 | MATH 1513 or 1483; and STAT 2013 or <br> 2053 |
| Humanities (H) | 6 | Courses designated (H) |
| Natural Sciences (N) | 8 | BIOL 1114 and 4 hours designated (N) |
| Social \& Behavioral Sciences (S) | 6 | PSYC 1113 and 3 hours designated (S) |
| Diversity (D) | -- | Course designated (D) (see note 1.b.) |
| International Dimension (I) | -- | Course designated (I) (see note 1.b.) |
| Scientific Investigation (L) | -- | Course designated (L) (see note 1.b.) |
| Controlled Electives | 3 | SPCH 2713 |

College/Departmental Requirements: 13 Hours

| Orientation | 1 | A\&S 1111 (ransfer students with 15 hours <br> exempt) |
| :--- | :---: | :--- |
| Arts and Humanities | 3 | ENGL/FLL 2443, ENGL 4063, 4080 or 4093 |
| Natural \& Mathematical Sciences | 9 | BIOL 3223, PSYC 3073, ZOOL 3123 or <br> 3204, or other natural or mathematical <br> sciences courses (see note 2.b.) |

## Major Requirements: 45 Hours

Minimum GPA 2.75 with a minimum grade of "C" in CDIS courses.
CDIS 3123, 3213, 3223, 3313, 4023, 4133, 4213, 4253, 4313, 4323, 4423,4433
EPSY 3413

3 hours from the following related courses:
CIED 3005; ENGL 4013, 4063; HDFS 3113, 3123, 4413, 4543;
PSYC 2583, 3443, 4483, 4813; SOC 3993, 4343

3 hours from the following multicultural courses:
ANTH 3353; CPSY 4443; ENGL 4093; HDFS 4793;
PSYC 4133; SPCH 4753

Enrollment in all CDIS courses other than $3213,3313,4213$, and 4313 requires admission to the professional program or consent of instructor. See adviser for details.

## Electives: 21 Hours

6 hours may need to be upper-division.
Students who desire to meet Teacher Education requirements should elect the following courses: PHIL 3713 or SCFD 3223 or 4123 or 4913 or 5883; SPED 3202 or 5633

Also recommended: ASL 1115 or CDIS 2033, CDIS 4980

Other Requirements: See notes $1,2 \& 3$ on back of degree sheet
Foreign Language Proficiency: See note 3 on back of sheet.
Upper-Division Gen Ed: 6 hours outside major prefix.
Upper-Division Credit: Total hours must include at least 48 hours in courses numbered 3000 or above.
Hours in One Prefix: Hours in one prefix in excess of 48 will be added to the minimum total of 120 required for graduation.
Students will be held responsible for degree requirements in effect at the time of matriculation and any changes that are made, so long as these changes do not result in semester credit hours being added or do not delay graduation.

General Requirements for Students Matriculating in Academic Year 2011-2012
BACHELOR of SCIENCE
MAJOR: Computer Science
Minimum Overall Grade Point Average: 2.00
Total Hours: 120
(cumulative graduation/retention GPA)
Other GPA requirements, see below.

| General Education Requirements: 38 Hours |  |  |
| :---: | :---: | :---: |
| Area | Hours | To be selected from: |
| English Composition \& Oral Communication | 6 | ENGL 1113 or 1313; \& 1213 or 1413 or 3323 (See Academic Regulation 3.5 in Catalog) |
| American History \& Government | 6 | HIST 1103; POLS 1113 |
| Analytical \& Quantitative Thought (A) | 7 | CS 1113; MATH 2144 |
| Humanities (H) | 6 | Courses designated (H) |
| Natural Sciences ( N ) | 4 | Course designated (N,L) |
| Social \& Behavioral Sciences (S) | 6 | Courses designated (S) |
| Diversity (D) | -- | Course designated (D) (see note 1.b.) |
| International Dimension (1) | -- | Course designated (I) (see note 1.b.) |
| Scientific Investigation (L) | -- | Course designated (L) (see note 1.b.) |
| Controlled Electives | 3 | SPCH 2713 |
| College/Departmental Requirements: 21 Hours |  |  |
| Orientation | 1 | A\&S 1111 (transfer students with 15 hours exempt) |
| Arts and Humanities | 3 | (see note 2.a.) |
| Natural \& Mathematical Sciences | 17 | CS 2133, MATH 2153, STAT 4033 and 8 hours laboratory science (courses must be a sequence, e.g. CHEM 1314, 1515; PHYS 1114, 1214) |

## Major Requirements: 54 Hours

Minimum GPA $\underline{2.50}$ with a minimum grade of " $C$ " in each course.

$$
\text { CS } 2433
$$

CS $\quad 3363,3443,3513,3613,3653$
CS 4323, 4343, 4883
ENGL 3323 or BCOM 3113 or BCOM 3223 or SPCH 3723
MATH 2163, 3013
9 hours from upper-division CS electives (CS 4113 may not be used for this requirement)

9 hours from upper-division courses in the following areas:
Business
Computer Science (CS 4113 may not be used for this requirement)
Engineering
Geography (GEOG 3333, 4323, 4333, 4343, 4353)
Mathematics
Natural Sciences
Statistics

Admission to Computer Science requires a minimum overall GPA of 2.00 and completion of CS 1113, 2133, and MATH 2144 with a minimum grade of " $C$ " in each course and a minimum GPA of $\underline{2.50}$.

## Electives: 7 Hours

Hours from upper- or lower-division courses to complete the required total.

## Other Requirements: See notes $1,2 \& 3$ on back of degree sheet <br> Foreign Language Proficiency: See note 3 on back of sheet. <br> Upper-Division Gen Ed: 6 hours outside major prefix. <br> Upper-Division Credit: Total hours must include at least 48 hours in courses numbered 3000 or above. <br> Hours in One Prefix: Hours in one prefix in excess of 48 will be added to the minimum total of 120 required for graduation.

Students will be held responsible for degree requirements in effect at the time of matriculation and any changes that are made, so long as these changes do not result in semester credit hours being added or do not delay graduation.


## BACHELOR of SCIENCE

## MAJOR: Economics

Minimum Overall Grade Point Average: $\mathbf{2 . 0 0}$
Total Hours: 120
(cumulative graduation/retention GPA)
Other GPA requirements, see below.

| GENERAL EDUCATION REQUIREMENTS: 4O HOURS |  |  |
| :--- | :---: | :--- |
| Area | Hours | To be selected from: |
|  <br> Oral Communication | 6 | ENGL 1113 or 1313; \& 1213 or 1413 or <br> 3323 (See Academic Regulation 3.5 in Catalog) |
| American History \& Government | 6 | HIST 1103; POLS 1113 |
| Analytical \& Quantitative Thought <br> (A) | 6 | MATH 1513 or 1715; and STAT 2013 or <br> 2023 |
| Humanities (H) | 6 | Courses designated (H) |
| Natural Sciences (N) | 8 | Courses designated (N) |
| Social \& Behavioral Sciences (S) | 6 | Courses designated (S) |
| Diversity (D) | -- | Course designated (D) (see note 1.b.) |
| International Dimension (I) | -- | Course designated (I) (see note 1.b.) |
| Scientific Investigation (L) | - | Course designated (L) (see note 1.b.) |
| Controlled Electives | 2 | Any course with a GE designation in any of <br> the above areas |
| COLLEGE/DEPARTMENTAL REQUIREMENTS: 13 HoURS |  |  |

## Major Requirements: 45 Hours

Minimum GPA 2.00. Minimum GPA in ECON courses 2.00.

## Core Courses:

ECON 2103, 2203, 3113, 3123

General: 33 hours
15 hours upper-division ECON
18 hours upper-division electives of which 3 must be outside of ECON*
Graduate Preparation: $\underline{33}$ hours
ECON 4213 and 12 additional hours upper-division ECON
MATH 3013
STAT 3013
12 hours upper-division electives of which 3 must be outside of ECON.
Pre-Law Preparation: 33 hours
ECON 3713,4723
ECON 9 hours upper-division
PHIL 1313
POLS 3983
POLS 2023 or 4963 or 4983 or SPCH 4733
9 hours upper-division electives of which 3 must be outside of ECON

## Electives: 22*Hours

General: CS 1103 and STAT 3013 are recommended. 9 hours may need to be upperdivision.
Graduate Preparation: MATH 2144, 2153 and 2163 are required. 9 hours may need to be upper-division.
Pre-Law Preparation: 15 hours may need to be upper-division.
*Pre-health students, with approval from the adviser and department head, may substitute maximum of 30 hours of science courses from an accredited doctoral health program among these 40 hours.

Other Requirements: See notes $1,2 \& 3$ on back of degree sheet
Foreign Language Proficiency: See note 3 on back of sheet.
Upper-Division Gen Ed: 6 hours outside major prefix.
Upper-Division Credit: Total hours must include at least 48 hours in courses numbered 3000 or above.
Hours in One Prefix: Hours in one prefix in excess of 48 will be added to the minimum total of 120 required for graduation.
Students will be held responsible for degree requirements in effect at the time of matriculation and any changes that are made, so long as these changes do not result in semester credit hours being added or do not delay graduation.

Minimum Overall Grade Point Average: 2.00 (cumulative graduation/retention GPA)

Other GPA requirements, see below.

| GEnERAL EdUCATION REQUIREMENTS: 41 Hours |  |  |
| :---: | :---: | :---: |
| Area | Hours | To be selected from: |
| English Composition \& Oral Communication | 6 | ENGL 1113 or 1313; \& 1213 or 1413 or <br> 3323 (See Academic Regulation 3.5 in Catalog) |
| American History \& Government | 6 | HIST 1103; POLS 1113 |
| Analytical \& Quantitative Thought <br> (A) | 6 | MATH 1483 or 1513; and STAT 2013 or 2023 or 2053 |
| Humanities (H) | 6 | Courses designated (H) |
| Natural Sciences (N) | 8 | Courses designated ( N ) |
| Social \& Behavioral Sciences (S) | 6 | Courses designated (S) |
| Diversity (D) | -- | Course designated (D) (see note 1.b.) |
| International Dimension (I) | -- | Course designated (I) (see note 1.b.) |
| Scientific Investigation (L) | -- | Course designated (L) (see note 1.b.) |
| Controlled Electives | 3 | Any course with a GE designation in any of the above areas |
| College/Departmental Requirements: 13 Hours |  |  |
| Orientation | 1 | A\&S 1111 (transfer students with 15 hours exempt) |
| Arts and Humanities | 3 | $\overline{\text { (see note 2.a.) }}$ |
| Natural \& Mathematical Sciences | 9 | GEOG 1114 and 5 additional hours (see note 2.b.) |

## MAJOR Requirements: 45 Hours

Minimum GPA 2.50.
GEOG 1113 or 2253
2343
3333
4313
4323
4333 or 4343 or 4353
21 hours GEOG (18 hours must be upper-division)*
6 hours upper-division (non-GEOG) departmental approved related courses*

* With approval from the adviser and department head, a maximum of 30 hours from an accredited doctoral health program may be used for 6 hours of upper-division related courses and 21 hours of electives. Up to 3 hours may be substituted from the required 21 hours GEOG.


## Electives: 21 Hours

12 hours may need to be upper-division.

Other Requirements: See notes 1, 2 \& 3 on back of degree sheet
Foreign Language Proficiency: See note 3 on back of sheet.
Upper-Division Gen Ed: 6 hours outside major prefix.
Upper-Division Credit: Total hours must include at least 48 hours in courses numbered 3000 or above.
Hours in One Prefix: Hours in one prefix in excess of 48 will be added to the minimum total of 120 required for graduation.
Students will be held responsible for degree requirements in effect at the time of matriculation and any changes that are made, so long as these changes do not result in semester credit hours being added or do not delay graduation.

General Requirements for Students Matriculating in Academic Year 2011-2012
BACHELOR of SCIENCE
MAJOR: Geology
Minimum Overall Grade Point Average: 2.00
Total Hours: 120
(cumulative graduation/retention GPA)
Other GPA requirements, see below.

| GENERAL EDUCATION REQUIREMENTS: 43 HoURS |  |  |
| :--- | :---: | :--- |
| Area | Hours | To be selected from: |
|  <br> Oral Communication | 6 | ENGL 1113 or 1313; \& 1213 or 1413 or <br> 3323 (See Academic Regulation 3.5 in Catalog) |
| American History \& Government | 6 | HIST 1103; POLS 1113 |
| Analytical \& Quantitative Thought <br> (A) | 7 | MATH 2144, 2153 |
| Humanities (H) | 6 | Courses designated (H) |
| Natural Sciences (N) | 8 | PHYS 2314, 2414; or PHYS 2014, 2114 |
| Social \& Behavioral Sciences (S) | 6 | Courses designated (S) |
| Diversity (D) | -- | Course designated (D) (see note 1.b.) |
| Scientific Investigation (L) | -- | Courses designated (L) (see note 1.b.) |
| Controlled Electives | 4 | BIOL 1114 |

College/Departmental Requirements: 13 Hours

| Orientation | 1 | A\&S 1111 (transfer students with 15 hours <br> exempt) |
| :--- | :---: | :--- |
| Arts and Humanities | 3 | $\frac{\text { (see note 2.a.) }}{}$ |
| Natural \& Mathematical Sciences | 9 | CHEM 1314, 1515 |

## Major Requirements: 48 Hours

Minimum grade of " $C$ " in all Geology courses.
Core Curriculum:
GEOL 1114
1224
2254
2364
3014
3034
3546

Choose one of the following:
Environmental Emphasis
GEOL 3073, 3503, 4403, 4453
Petroleum Emphasis
GEOL 3103, 4023, 4103, 4213
Earth Systems Emphasis
GEOL 3073, 4213, 4403, 4513
Geophysics Emphasis
GEOL 4023, 4103, 4203, 4303
6 hours of upper-division GEOL electives related to emphasis area, except 3043
Teacher certification courses may be substituted with approval of the Department of Geology adviser.

## Electives: 16 Hours

All of these may need to be upper-division.
GEOG 4333, 4343, GEOL 4993 and STAT 4013 recommended; and MATH 2163, 2233 and 3013 highly recommended for Geophysics Emphasis.

Other Requirements: See notes 1, 2 \& 3 on back of degree sheet
Foreign Language Proficiency: See note 3 on back of sheet.
Upper-Division Gen Ed: 6 hours outside major prefix.
Upper-Division Credit: Total hours must include at least 48 hours in courses numbered 3000 or above.
Hours in One Prefix: Hours in one prefix in excess of 48 will be added to the minimum total of 120 required for graduation.
Students will be held responsible for degree requirements in effect at the time of matriculation and any changes that are made, so long as these changes do not result in semester credit hours being added or do not delay graduation.
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General Requirements for Students Matriculating in Academic Year 2011-2012
BACHELOR of SCIENCE
MAJOR: Liberal Studies
Minimum Overall Grade Point Average: 2.00
Total Hours: 120
(cumulative graduation/retention GPA)
Other GPA requirements, see below.

| GEnEral Education Requirements: 40 Hours |  |  |
| :---: | :---: | :---: |
| Area | Hours | To be selected from: |
| English Composition \& Oral Communication | 6 | ENGL 1113 or 1313 ; \& 1213 or 1413 or 3323 (See Academic Regulation 3.5 in Catalog) |
| American History \& Government | 6 | HIST 1103; POLS 1113 |
| Analytical \& Quantitative Thought (A) | 6 | MATH 1483 or 1493 or 1513 ; and 3 hours designated (A); or MATH 1715 |
| Humanities (H) | 6 | Courses designated (H) |
| Natural Sciences (N) | 8 | Courses designated ( N ) |
| Social \& Behavioral Sciences (S) | 6 | Courses designated (S) |
| Diversity (D) | -- | Course designated (D) (see note 1.b.) |
| International Dimension (I) | -- | Course designated (I) (see note 1.b.) |
| Scientific Investigation (L) | -- | Course designated (L) (see note 1.b.) |
| Controlled Electives | 2 | Any course with a GE designation in any of the above areas |
| College/Departmental Requirements: 13 Hours |  |  |
| Orientation | 1 | A\&S 1111 (transfer students with 15 hours exempt) |
| Arts and Humanities | 3 | (see note 2.a.) |
| Natural \& Mathematical Sciences | 9 | (see note 2.b.) |

## MAJOR Requirements: 45 Hours

Minimum GPA 2.50 with a minimum grade of " $C$ " in each course.
A\&S 4013 (Senior Project)
Additional upper-division courses from the following with 15 hours from each of two disciplines and 12 hours* from among remaining disciplines.

AMST
ANTH
ART (history)
ECON
ENGL
FLL (and specific language)
GEOG
GWST
HIST
MATH
MUSI
PHIL
POLS
PSYC
REL
SOC
SPCH
TH

* With approval from the adviser and department head, a maximum of 30 hours from an accredited doctoral health program may be used for 9 of these 12 hours and 21 hours of electives.

Electives: 22 Hours

3 hours may need to be upper-division.

Other Requirements: See notes 1, 2 \& 3 on back of degree sheet
Foreign Language Proficiency: See note 3 on back of sheet.
Upper-Division Gen Ed: 6 hours outside the two primary disciplines selected in the major.
Upper-Division Credit: Total hours must include at least 48 hours in courses numbered 3000 or above.
Hours in One Prefix: Hours in one prefix in excess of 48 will be added to the minimum total of 120 required for graduation.
Students will be held responsible for degree requirements in effect at the time of matriculation and any changes that are made, so long as these changes do not result in semester credit hours being added or do not delav araduation.
Signature on file in the Office of the Registrar Signature on file in the Office of the Registrar

General Requirements for Students Matriculating in Academic Year 2011-2012
BACHELOR of SCIENCE
MAJOR: Mathematics
Minimum Overall Grade Point Average: 2.00
Total Hours: 120 (cumulative graduation/retention GPA)

Other GPA requirements, see below.

| General Education Requirements: 40 Hours |  |  |
| :---: | :---: | :---: |
| Area | Hours | To be selected from: |
| English Composition \& Oral Communication | 6 | ENGL 1113 or 1313; \& 1213 or 1413 or <br> 3323 (See Academic Regulation 3.5 in Catalog) |
| American History \& Government | 6 | HIST 1103; POLS 1113 |
| Analytical \& Quantitative Thought <br> (A) | 7 | MATH 2144; and CS 1113 |
| Humanities (H) | 6 | Courses designated (H) |
| Natural Sciences (N) | 8 | PHYS 1114 or 2014 or 2314; and PHYS 1214 or 2114 or 2414 |
| Social \& Behavioral Sciences (S) | 6 | Courses designated (S) |
| Diversity (D) | -- | Course designated (D) (see note 1.b.) |
| International Dimension (I) | -- | Course designated (I) (see note 1.b.) |
| Scientific Investigation (L) | -- | Course designated (L) (see note 1.b.) |
| Controlled Electives | 1 | Any course with a GE designation in any of the above areas |
| College/Departmental Requirements: 13 Hours |  |  |
| Orientation | 1 | A\&S 1111 (transfer students with 15 hours exempt) |
| Arts and Humanities | 3 | $\overline{\text { (see note 2.a.) }}$ |
| Natural \& Mathematical Sciences | 9 | (see note 2.b.) |

## MAJOR Requirements: 42 Hours

A minimum grade of " $C$ " in each course.
MATH 2153, 2163, 2233, 3013, 3613
Choose one of the following:

General:
MATH 4023
12 hours from: MATH 4013, 4143, 4153, 4233, 4263, 4283, 4403, 4453, 4513, 4553,
4583, 4613, 4623, 4663, 4713, 4813, 5023, 5213, 5303, 5593
6 hours from: MATH or STAT courses numbered 4000 or above or from upper-division courses in CS or PHYS
6 hours from: upper-division courses in any field.
Teacher Certification:
MATH 4023, 4033, 4403, 4583, 4663, 4713
CIED 4003, 4053
STAT 4013 or 4023
Applied Mathematics:
MATH 4583
12 hours from: MATH 4013, 4023, 4233, 4263, 4283, 4453, 4513,
4553, 4663, 4713, 4813
12 hours from: MATH or STAT courses numbered 4000 or above or from upper-division courses in CS, PHYS, or Engineering. At least 6 of these hours must be courses other than MATH.

## Pre-actuarial/Financial Mathematics:

MATH 4453
9 hours from: MATH 4023, 4233, 4263, 4513, 4553, 4583, 4663
STAT 4203
3 hours from: ECON 3113, 4213, 4223
6 hours from: FIN 3113, 4223, 4333, 4763
3 hours from: MSIS 3393, or upper-division FIN or ECON, or courses in MATH or STAT numbered 4000 or above.

Electives: 25 Hours

15 hours may need to be upper-division.

Other Requirements: See notes $1,2 \& 3$ on back of degree sheet
Foreign Language Proficiency: See note 3 on back of sheet.
Upper-Division Gen Ed: 6 hours outside major prefix.
Upper-Division Credit: Total hours must include at least 48 hours in courses numbered 3000 or above.
Hours in One Prefix: Hours in one prefix in excess of 48 will be added to the minimum total of 120 required for graduation.
Students will be held responsible for degree requirements in effect at the time of matriculation and any changes that are made, so long as these changes do not result in semester credit hours being added or do not delay graduation.

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BACHELOR of SCIENCE
MAJOR: Microbiology/Cell \& Molecular Biology
Minimum overall grade-point average: 3.00
(cumulative graduation/retention GPA)
Other GPA requirements, see below.

OPTION: Biomedical Science
Total Hours: 120

| GEnERAL EDUCATION REQUIREMENTS: 42 Hours |  |  |
| :---: | :---: | :---: |
| Area | Hours | To be selected from: |
| English Composition \& Oral Communication | 6 | ENGL 1113 or 1313; \& 1213 or 1413 or 3323 (See Academic Regulation 3.5 in Catalog) |
| American History \& Government | 6 | HIST 1103; POLS 1113 |
| Analytical \& Quantitative Thought (A) | 7 | MATH 2144*; STAT 4013* |
| Humanities (H) | 6 | PHIL 3833* and 3 hours designated (H) |
| Natural Sciences (N) | 8 | PHYS 1114* and 1214* |
| Social \& Behavioral Sciences (S) | 6 | Courses designated (S) |
| Diversity (D) | -- | Course designated (D) (see note 1.b.) |
| International Dimension (I) | -- | Course designated (I) (see note 1.b.) |
| Scientific Investigation (L) | -- | Course designated (L) (see note 1.b.) |
| Controlled Electives | 3 | Any course with a GE designation in any of the above areas |
| *College and Departmental Requirements that may be used to meet GE Requirements. |  |  |
| College/Departmental Requirements: 13 Hours |  |  |
| Orientation | 1 | A\&S 1111 (transfer students with 15 hours exempt) |
| Arts and Humanities | 3 | Any course from ART, MUSI, TH, or courses designated (H) |
| Natural \& Mathematical Sciences | 9 | CHEM 1314, 1515 |

## Major Requirements: 65 Hours

Minimum GPA in Major Requirements $\underline{3.0}$ with a minimum grade of " $C$ " in each
BIOC 3653
BIOL 1114
3023
BOT 1404 or ZOOL 1604
CHEM 3053
3112
3153
MICR 2123

## 2132

3033

Professional School: Maximum of 30 hours of science courses from an accredited doctoral health program

Upper-division courses to complete the required 65 hours from:
BIOC
BIOL
BOT
CHEM
CS
MATH
MICR (3103 excluded)
STAT
ZOOL (3123 excluded)
Suggested: ZOOL 4215

## Electives: 0 Hours

Other Requirements: See notes 1, 2 \& 3 on back of degree sheet
Foreign Language Proficiency: See note 3 on back of sheet.
Upper-Division Gen Ed: 6 hours outside major prefix.
Upper-Division Credit: Total hours must include at least 48 hours in courses numbered 3000 or above.
Hours in One Prefix: Hours in one prefix in excess of 48 will be added to the minimum total of 120 required for graduation.
Students will be held responsible for degree requirements in effect at the time of matriculation and any changes that are made, so long as these changes do not result in semester credit hours being added or do not delay graduation.

MAJOR: Microbiology/Cell \& Molecular Biology
Minimum Overall Grade Point Average: 2.00
(cumulative graduation/retention GPA)
Other GPA requirements, see below.

OPTION: Clinical Laboratory Science Total Hours: 120

| GEnERAL EdUCATION REQUIREMENTS: 42 HoUrs |  |  |
| :---: | :---: | :---: |
| Area | Hours | To be selected from: |
| English Composition \& Oral Communication | 6 | ENGL 1113 or 1313; \& 1213 or 1413 or 3323 (See Academic Regulation 3.5 in Catalog) |
| American History \& Government | 6 | HIST 1103; POLS 1113 |
| Analytical \& Quantitative Thought (A) | 7 | MATH 2144*; STAT 4013* |
| Humanities (H) | 6 | PHIL 3833* and 3 hours designated (H) |
| Natural Sciences (N) | 8 | PHYS 1114* and 1214* |
| Social \& Behavioral Sciences (S) | 6 | Courses designated (S) |
| Diversity (D) | -- | Course designated (D) (see note 1.b.) |
| International Dimension (I) | -- | Course designated (I) (see note 1.b.) |
| Scientific Investigation (L) | -- | Course designated (L) (see note 1.b.) |
| Controlled Electives | 3 | Any course with a GE designation in any of the above areas |
| *College and Departmental Requirements that may be used to meet GE Requirements. |  |  |
| College/Departmental Requirements: 13 HoUrS |  |  |
| Orientation | 1 | A\&S 1111 (transfer students with 15 hours exempt) |
| Arts and Humanities | 3 | Any course from ART, MUSI, TH, or courses designated ( H ) |
| Natural \& Mathematical Sciences | 9 | CHEM 1314, 1515 |

## MAJOR REQUIREMENTS: 65 Hours

A minimum grade of "C" in each upper-division course and MICR 2123 and 2132.
BIOC 3653
BIOL 1114
3023
BOT 1404 or ZOOL 1604
CHEM 3053
3112
3153
MICR 2123
2132
3253
4001
ZOOL 3204

Internship: 30 hours
Fall: MICR 4117, 4125
Spring: MICR 4236, 4246
Summer: MICR 4325, 4351

## Electives: 0 Hours

Other Requirements: See notes $1,2 \& 3$ on back of degree sheet
Foreign Language Proficiency: See note 3 on back of sheet.
Upper-Division Gen Ed: 6 hours outside major prefix.
Upper-Division Credit: Total hours must include at least 48 hours in courses numbered 3000 or above.
Hours in One Prefix: Hours in one prefix in excess of 48 will be added to the minimum total of 120 required for graduation.
Students will be held responsible for degree requirements in effect at the time of matriculation and any changes that are made, so long as these changes do not result in semester credit hours being added or do not delay graduation.
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DEPARTMENT HEAD

MAJOR / Microbiology/Cell \& Molecular Biology
Minimum Overall Grade Point Average: $\mathbf{2 . 0 0}$ (cumulative graduation/retention GPA) Other GPA requirements, see below.

## OPTION / Microbial Ecology/Environmental

Total Hours: 120


Students will be held responsible for degree requirements in effect at the time of matriculation and any changes that are made, so long as these changes do not result in semester credit hours being added or do not delay graduation.

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DEPARTMENT HEAD

# General Requirements for Students Matriculating in Academic Year 2011-2012 <br> BACHELOR of SCIENCE 

MAJOR: Microbiology/Cell \& Molecular Biology
OPTION: Microbial Pathogenesis
Minimum Overall Grade Point Average: 2.00
Total Hours: 120
(cumulative graduation/retention GPA)
Other GPA requirements, see below.


BACHELOR of SCIENCE
MAJOR: Microbiology/Cell \& Molecular Biology OPTION: Molecular Genetics
Minimum Overall Grade Point Average: 2.00 Total Hours: 120
(cumulative graduation/retention GPA) Other GPA requirements, see below.

| GENERAL EDUCATION REQUIREMENTS: 42 Hours |  |  |
| :---: | :---: | :---: |
| Area | Hours | To be selected from: |
| English Composition \& Oral Communication | 6 | ENGL 1113 or 1313; \& 1213 or 1413 or 3323 (See Academic Regulation 3.5 in Catalog) |
| American History \& Government | 6 | HIST 1103; POLS 1113 |
| Analytical \& Quantitative Thought (A) | 7 | MATH 2144*; STAT 4013* |
| Humanities (H) | 6 | PHIL 3833* and 3 hours designated (H) |
| Natural Sciences (N) | 8 | PHYS 1114* and 1214* |
| Social \& Behavioral Sciences (S) | 6 | Courses designated (S) |
| Diversity (D) | -- | Course designated (D) (see note 1.b.) |
| International Dimension (I) | -- | Course designated (I) (see note 1.b.) |
| Scientific Investigation (L) | -- | Course designated (L) (see note 1.b.) |
| Controlled Electives | 3 | Any course with a GE designation in any of the above areas |
| *College and Departmental Requirements that may be used to meet GE Requirements. |  |  |
| College/Departmental Requirements: 13 Hours |  |  |
| Orientation | 1 | A\&S 1111 (transfer students with 15 hours exempt) |
| Arts and Humanities | 3 | Any course from ART, MUSI, TH, or courses designated (H) |
| Natural \& Mathematical Sciences | 9 | CHEM 1314, 1515 |

## Major Requirements: 54 Hours

A minimum grade of " C " in each upper-division course and MICR 2123 and 2132.
BIOC 3653
BIOL 1114
3023
BOT 1404 or ZOOL 1604
CHEM 3053
3112
3153
MICR 2123
2132
3033
3223
4001
4012
4112
4203
4233
And (4133 or 4253 or 4263)

Choose 7 upper-division hours from:
MICR 3143
3253
4123
4134
4214
4323
4353
4423
4990 (1-4 hours)

## Electives: 11 Hours

1 hour may need to be upper-division.

Other Requirements: See notes $1,2 \& 3$ on back of degree sheet
Foreign Language Proficiency: See note 3 on back of sheet.
Upper-Division Gen Ed: 6 hours outside major prefix.
Upper-Division Credit: Total hours must include at least 48 hours in courses numbered 3000 or above.
Hours in One Prefix: Hours in one prefix in excess of 48 will be added to the minimum total of 120 required for graduation.
Students will be held responsible for degree requirements in effect at the time of matriculation and any changes that are made, so long as these changes do not result in semester credit hours being added or do not delay graduation.

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DEPARTMENT HEAD

| GENERAL EDUCATION REQUIREMENTS: 41 HoURS |  |  |
| :--- | :---: | :--- |
| Area | Hours | To be selected from: |
| English Composition \& Oral <br> Communication | 6 | ENGL 1113 or 1313; \& 1213 or 1413 or <br> 3323 (See Academic Regulation 3.5 in Catalog) |
| American History \& Government | 6 | HIST 1103; POLS 1113 |
| Analytical \& Quantitative Thought <br> (A) | 6 | MATH 1483 or 1513; and STAT 2013 or <br> 2053 |
| Humanities (H) | 6 | Courses designated (H) |
| Natural Sciences (N) | 8 | Courses designated (N) |
| Social \& Behavioral Sciences (S) | 6 | ECON 1113 or 2103; MC 1143 |
| Diversity (D) | -- | Course designated (D) (see note 1.b.) |
| International Dimension (I) | -- | Course designated (I) (see note 1.b.) |
| Scientific Investigation (L) | -- | Course designated (L) (see note 1.b.) |
| Controlled Electives | 3 | SPCH 2713 |

College/Departmental Requirements: 13 Hours

| Orientation | 1 | A\&S 1111 (transfer students with 15 hours <br> exempt) |
| :--- | :---: | :--- |
| Arts \& Humanities | 3 | $\frac{\text { (see note 2.a.) }}{}$ |
| Natural \& Mathematical Sciences | 9 | $\frac{\text { (see note 2.b.) }}{}$ |

## Major Requirements: 57 Hours

Minimum 2.50 GPA in JB/MC/MMJ/SC/SPM prefix courses and in Major Requirements with a minimum grade of " C " in each course.
Core Curriculum:
MC 2003, 2023, 4143, 4163
MMJ 3263, 4863, 4973
Select one of the options listed below:

1. Multimedia News:
a. MMJ 3313, 4393
b. MMJ 3553, 4313 OR MMJ 3293, 4423
c. 9 hrs MC, MMJ, SC or SPM (6 hrs must be upper-division)
d. POLS 3613 or POLS 3983
e. Choose 3 hrs from: POLS $3414,3453,3613$, or 3983
f. 9 hrs upper-division Traditional Liberal Arts or Business
2. Multimedia Production:
a. MMJ $3153,3913,4953,3553$
b. 9 hrs MC, MMJ, SC or SPM ( 6 hrs must be upper-division)
c. 15 hrs upper-division Traditional Liberal Arts or Business

A 2.50 graduation retention GPA and at least 28 hours completed required to declare major. Enrollment in all upper-division department courses except MC 3173 and MC 4253 requires declaration of major, completion of MC 2003 with a " $C$ " or better, and a passing grade on the Language Proficiency Exam.

This option requires a minimum of 65 hours in traditional liberal arts courses to be taken among General Education, Major Requirements or Electives. No more than 12 hours in JB/MC/MMJ/SC/SPM can be transferred from other institutions.

This major requires students to develop and maintain a portfolio exhibiting specific and appropriate work including required class assignments.

## Electives: 14 Hours

Hours selected may need to be in traditional liberal arts.

Other Requirements: See notes $1,2 \& 3$ on back of degree sheet
Foreign Language Proficiency: See note 3 on back of sheet.
Upper-Division Gen Ed: 6 hours outside major prefix.
Upper-Division Credit: Total hours must include at least 48 hours in courses numbered 3000 or above.
Hours in One Prefix: Hours in one prefix in excess of 45 will be added to the minimum total of 125 required for graduation.
Students will be held responsible for degree requirements in effect at the time of matriculation and any changes that are made, so long as these changes do not result in semester credit hours being added or do not delay graduation.

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General Requirements for Students Matriculating in Academic Year 2011-2012
BACHELOR of SCIENCE

MAJOR: Physics

Minimum Overall Grade Point Average: $\mathbf{2 . 0 0}$
(cumulative graduation/retention GPA)
Other GPA requirements, see below.
Total Hours: 120

## Major Requirements: 49 Hours

A minimum grade of " $C$ " in each course
Core Requirements: 40 hours
PHYS 2414 or 2114
3013
3113
3213
3322
3513
3622
3713
4113
4413
4423
4712
MATH 2163
2233

Additional Requirements: $\underline{9}$ hours

6 upper-division hours in Physics
3 upper-division hours in related fields.

## Electives: 16 Hours

9 hours may need to be upper-division; 6 of these may need to be general education.
Suggested courses: ASTR 1014, 1024, 4010 (1); CS 4113, 4513; ECEN 3213; MATH 4013, 4143, 4153, 4233, 4283, PHYS 1001

Other Requirements: See notes $1,2 \& 3$ on back of degree sheet
Foreign Language Proficiency: See note 3 on back of sheet.
Upper-Division Gen Ed: 6 hours outside major prefix.
Upper-Division Credit: Total hours must include at least 48 hours in courses numbered 3000 or above.
Hours in One Prefix: Hours in one prefix in excess of 48 will be added to the minimum total of 120 required for graduation.
Students will be held responsible for degree requirements in effect at the time of matriculation and any changes that are made, so long as these changes do not result in semester credit hours being added or do not delay graduation.

BACHELOR of SCIENCE
MAJOR: Physics OPTION: Applied Physics
Minimum Overall Grade Point Average: 2.00
Total Hours: $\mathbf{1 2 0}$
(cumulative graduation/retention GPA)
Other GPA requirements, see below.

| General Education Requirements: 42 Hours |  |  |
| :---: | :---: | :---: |
| Area | Hours | To be selected from: |
| English Composition \& Oral Communication | 6 | ENGL 1113 or 1313 ; \& 1213 or 1413 or 3323 (See Academic Regulation 3.5 in Catalog) |
| American History \& Government | 6 | HIST 1103; POLS 1113 |
| Analytical \& Quantitative Thought (A) | 7 | MATH 2144 and 2153 |
| Humanities (H) | 6 | Courses designated (H) |
| Natural Sciences (N) | 8 | BIOL 1114; CHEM 1314 |
| Social \& Behavioral Sciences (S) | 6 | Courses designated (S) |
| Diversity (D) | -- | Course designated (D) (see note 1.b.) |
| International Dimension (I) | -- | Course designated (I) (see note 1.b.) |
| Scientific Investigation (L) | -- | Course designated (L) (see note 1.b.) |
| Controlled Electives | 3 | Any course with a GE designation in any of the above areas |
| College/Departmental Requirements: 13 Hours |  |  |
| Orientation | 1 | A\&S 1111 (transfer students with 15 hours exempt) |
| Arts and Humanities | 3 | (see note 2.a.) |
| Natural \& Mathematical Sciences | 9 | CHEM 1515; PHYS 2314 or 2014 |

## Major Requirements: 49 Hours

A minimum grade of " $C$ " in each course
Core Requirements: 32 hours
PHYS 2414 or 2114
3013
3113
3213
3322
3513
3622
3713
4113
MATH 2163
2233
Additional Requirements: 17 hours
(Students in the Engineering Physics Program should select engineering courses in consultation with Physics Department adviser)

9 upper-division hours in any one academic department.*
8 upper-division hours in related fields.*

* With approval from the adviser and department head, a maximum of 30 hours from an accredited doctoral health program may be used for these 17 hours and 13 hours of electives.


## Electives: 16 Hours

9 hours may need to be upper-division; 6 of these may need to be general education.
Suggested courses: ASTR 1014, 1024, 4010 (1); CS 4113, 4513; ECEN 3213; MATH 4013, 4143, 4153, 4233, 4283, PHYS 1001

Other Requirements: See notes 1, 2 \& 3 on back of degree sheet
Foreign Language Proficiency: See note 3 on back of sheet.
Upper-Division Gen Ed: 6 hours outside major prefix.
Upper-Division Credit: Total hours must include at least 48 hours in courses numbered 3000 or above.
Hours in One Prefix: Hours in one prefix in excess of 48 will be added to the minimum total of 120 required for graduation.
Students will be held responsible for degree requirements in effect at the time of matriculation and any changes that are made, so long as these changes do not result in semester credit hours being added or do not delay graduation.

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DEPARTMENT HEAD

# General Requirements for Students Matriculating in Academic Year 2011-2012 <br> BACHELOR of SCIENCE 

MAJOR: Physiology
Minimum Overall Grade Point Average: 2.50
Total Hours: 127
(cumulative graduation/retention GPA)
Other GPA requirements, see below.

| GENERAL EDUCATION REQUIREMENTS: 42 HoURS |  |  |
| :--- | :---: | :--- |
| Area | Hours | To be selected from: |
|  <br> Oral Communication | 6 | ENGL 1113 or 1313; \& 1213 or 1413 or <br> 3323 (See Academic Regulation 3.5 in Catalog) |
| American History \& Government | 6 | HIST 1103; POLS 1113 |
| Analytical \& Quantitative Thought <br> (A) | 7 | MATH 2144*; and STAT 2013* or 4013* |
| Humanities (H) | 6 | Courses designated (H) |
| Natural Sciences (N) | 8 | PHYS 1114*, 1214*; or 2014*, 2114* |
| Social \& Behavioral Sciences (S) | 6 | Courses designated (S) |
| Diversity (D) | -- | Course designated (D) (see note 1.b.) |
| International Dimension (I) | -- | Course designated (I) (see note 1.b.) |
| Scientific Investigation (L) | -- | Course designated (L) (see note 1.b.) |
| Controlled Electives | 3 | Any course with a GE designation in any of <br> the above areas |
| *College and Departmental Requirements that may be used to meet GE Requirements. |  |  |

College/Departmental Requirements: 13 Hours

| Orientation | 1 | A\&S 1111 (transfer students with 15 hours <br> exempt) |
| :--- | :---: | :--- |
| Arts and Humanities | 3 | $\frac{(\text { (see note 2.a.) }}{}$ |
| Natural \& Mathematical Sciences | 9 | CHEM 1314, 1515 |

## Major Requirements: 60 Hours

Minimum GPA 2.50 in Major Requirements with a minimum grade of " $C$ " in each course

```
BIOC 3653
```

BIOL 1114
3023
3034

## CHEM 3053

3112
3153
MICR 2123

## 2132

3033
ZOOL 1604
3114
3204
4133
4134 or MICR 3253
4215
4223
4231
4273 or 4283 or 4293

With approval from the adviser and department head, a maximum of 30 hours from an accredited doctoral health program may be substituted for major requirements other than BIOL 3023 and ZOOL 4133.

## Electives: 12 Hours

1 hour may need to be upper-division.

Other Requirements: See notes $1,2 \& 3$ on back of degree sheet
Foreign Language Proficiency: See note 3 on back of sheet.
Upper-Division Gen Ed: 6 hours outside major prefix.
Upper-Division Credit: Total hours must include at least 48 hours in courses numbered 3000 or above.
Hours in One Prefix: Hours in one prefix in excess of 48 will be added to the minimum total of 127 required for graduation.
Students will be held responsible for degree requirements in effect at the time of matriculation and any changes that are made, so long as these changes do not result in semester credit hours being added or do not delay graduation.

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DEPARTMENT HEAD

# General Requirements for Students Matriculating in Academic Year 2011-2012 <br> BACHELOR of SCIENCE 

MAJOR: Political Science
Minimum overall grade-point average: $\mathbf{2 . 0 0}$
Total Hours: 120
(cumulative graduation/retention GPA)
Other GPA requirements, see below.

| General Education Requirements: 41 Hours |  |  |
| :---: | :---: | :---: |
| Area | Hours | To be selected from: |
| English Composition \& Oral Communication | 6 | ENGL 1113 or 1313 ; \& 1213 or 1413 or <br> 3323 (See Academic Regulation 3.5 in Catalog) |
| American History \& Government | 6 | HIST 1103; POLS 1113 |
| Analytical \& Quantitative Thought <br> (A) | 6 | MATH 1483 or 1493 or 1513 ; and 3 hours designated (A) |
| Humanities (H) | 6 | Courses designated (H) |
| Natural Sciences (N) | 8 | Courses designated ( N ) |
| Social \& Behavioral Sciences (S) | 6 | Courses designated (S) |
| Diversity (D) | -- | Course designated (D) (see note 1.b.) |
| International Dimension (I) | -- | Course designated (I) (see note 1.b.) |
| Scientific Investigation (L) | -- | Course designated (L) (see note 1.b.) |
| Controlled Electives | 3 | SPCH 2713 or 3733 |
| College/Departmental Requirements: 13 Hours |  |  |
| Orientation | 1 | A\&S 1111 (transfer students with 15 hours exempt) |
| Arts and Humanities | 3 | (see note 2.a.) |
| Natural \& Mathematical Sciences | 9 | (see note 2.b.) |

## Major Requirements: 45 Hours

Minimum GPA $\underline{2.50}$ with a minimum grade of "C" in each course.
A minimum of 30 hours POLS ( 27 hours must be upper-division).
Core Requirements: (12 hours)
POLS 2013 or 2113; POLS 3663; POLS 3103
POLS Capstone (3 hours)
At least 3 hours from 3 different areas ( 9 hours) listed below:
American Politics: select from $3353,3414,3423,3453,3483,3513,3523,3533,3613$, 3683, 3953, 3973, 4000, 4623, 4693

Comparative Politics: select from 3003, 3053, 3123, 3143, 3163, 3193, 3223, 3313,
4020, 4223
15 hours in one foreign language or equivalent proficiency on the plan
International Relations: select from 3033, 3043, 4010, 4013, 4053, 4113
15 hours in one foreign language or equivalent proficiency on the plan
Political Theory: select from $3663,4553,4573,4653,4670$
Pre-Law/Public Law: select from 3983, 3993, 4353, 4363, 4963, 4973, 4980
Public Policy/Emergency Management: select from
Public Policy: $3493,4403,4413,4453,4593$
Emergency Management: $3733,3763,3813,3893$
Upper-division courses to complete the required 45 from:* ECON, ENGL, ENVR, FLL, FPST, GEOG, HIST, MGMT, PHIL, PSYC, REL, SOC

* With approval from the adviser and department head, a maximum of 30 hours from an accredited doctoral health program may be used for up to 15 hours of upper-division related courses and 15 hours of electives.


## Electives: 21 Hours

6 hours may need to be upper-division.

Other Requirements: See notes $1,2 \& 3$ on back of degree sheet
Foreign Language Proficiency: See note 3 on back of sheet.
Upper-Division Gen Ed: 6 hours outside major prefix.
Upper-Division Credit: Total hours must include at least 48 hours in courses numbered 3000 or above.
Hours in One Prefix: Hours in one prefix in excess of 48 will be added to the minimum total of 120 required for graduation.
Students will be held responsible for degree requirements in effect at the time of matriculation and any changes that are made, so long as these changes do not result in semester credit hours being added or do not delay graduation.

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DEPARTMENT HEAD

Minimum Overall Grade Point Average: 2.00
(cumulative graduation/retention GPA) Other GPA requirements, see below.

| GENERAL EDUCATION REQUIREMENTS: 40 HOURS |  |  |
| :--- | :---: | :--- |
| Area | Hours | To be selected from: |
|  <br> Oral Communication | 6 | ENGL 1113 or 1313; \& 1213 or 1413 or <br> 3323 (See Academic Regulation 3.5 in Catalog) |
| American History \& Government | 6 | HIST 1103; POLS 1113 |
| Analytical \& Quantitative Thought <br> (A) | 6 | MATH 1513 and 3 hours designated (A) |
| Humanities (H) | 6 | Courses designated (H) |
| Natural Sciences (N) | 8 | Courses designated (N) |
| Social \& Behavioral Sciences (S) | 6 | PSYC 1113 and 3 hours designated (S) |
| Diversity (D) | -- | Course designated (D) (see note 1.b.) |
| International Dimension (I) | -- | Course designated (I) (see note 1.b.) |
| Scientific Investigation (L) | -- | Course designated (L) (see note 1.b.) |
| Controlled Electives | 2 | Any course with a GE designation in any of <br> the above areas |

College/Departmental Requirements: 13 Hours

| Orientation | 1 | A\&S 1111 (transfer students with 15 hours <br> exempt) |
| :--- | :---: | :--- |
| Arts and Humanities | 3 | $\frac{\text { (see note 2.a.) }}{}$ |
| Natural \& Mathematical Sciences | 9 | $\frac{\text { (see note 2.b.) }}{}$ |

## Major Requirements: 50 Hours

Minimum GPA $\underline{2.00}$ with a minimum grade of " $C$ " in all PSYC courses. No more than 6 hours of PSYC may be 2000 level.

Core Requirements: 8 hours
PSYC 3214
PSYC 3914

30 hours to include at least one course from each competency area below.

1) Learning, Cognition, Biological Basis: $3073,3113,3173,3513,3713,3823,4223$, 4023, 4343
2) Psychometrics, Personality, Social Processes: $2743,3013,3413,4333,4153,4813$
3) Developmental and Sociocultural Dimensions: $2313,2583,2593,4123,4133$
4) Clinical, Applied Psychology: 3443, 4143, 4183, 4213, 4483

Other Elective Courses: $3120,3990,4493,4770,4880,4990$

12 upper-division hours from:*
BIOC, BIOL, BOT, CHEM, MATH, MICR, PHYS, PLP, STAT, ZOOL and/or upperdivision General Education (N) or (A)

* With approval from the adviser and department head, a maximum of 30 hours from an accredited doctoral health program may be used for this degree, including these 12 hours and 15 hours of electives. Up to 3 hours may be substituted from the required PSYC courses other than 1113, 3214 and 3914.


## Electives: 17 Hours

4 hours may need to be upper-division.

Other Requirements: See notes 1, 2 \& 3 on back of degree sheet
Foreign Language Proficiency: See note 3 on back of sheet.
Upper-Division Gen Ed: 6 hours outside major prefix.
Upper-Division Credit: Total hours must include at least 48 hours in courses numbered 3000 or above.
Hours in One Prefix: Hours in one prefix in excess of 48 will be added to the minimum total of 120 required for graduation.
Students will be held responsible for degree requirements in effect at the time of matriculation and any changes that are made, so long as these changes do not result in semester credit hours being added or do not delay graduation.

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DEPARTMENT HEAD

BACHELOR of SCIENCE
MAJOR: Sociology
Minimum Overall Grade Point Average: 2.00
Total Hours: 121
(cumulative graduation/retention GPA)
Other GPA requirements, see below.

| General Education Requirements: 40 Hours |  |  | Minimum GPA 2.50 <br> Minimum GPA in all SOC/ANTH courses $\underline{2.50}$ with a minimum grade of " $C$ " in all SOC/ANTH courses. <br> Minimum 30 hours of courses with SOC/ANTH prefix. |
| :---: | :---: | :---: | :---: |
| Area | Hours | To be selected from: |  |
| English Composition \& Oral Communication | 6 | ENGL 1113 or 1313 ; \& 1213 or 1413 or 3323. (See Academic Regulation 3.5 in Catalog) |  |
| American History \& Government | 6 | HIST 1103; POLS 1113 | $\begin{aligned} & \text { SOC } 1113 \\ & 2123 \text { (or ANTH 3353) } \end{aligned}$ |
| Analytical \& Quantitative Thought (A) | 6 | MATH 1483 or 1513; and 3 hours designated (A) | $\begin{aligned} & 3113 \\ & 4133 \\ & 4243 \end{aligned}$ |
| Humanities (H) | 6 | Courses designated (H) | $4663$ |
|  |  |  | 3 hours from: SOC 3133 |
| Natural Sciences (N) | 8 | Courses designated ( N ) | $\begin{aligned} & 4043 \\ & 4383 \end{aligned}$ |
| Social \& Behavioral Sciences (S) | 6 | Courses designated (S) | $4643$ |
|  |  |  | 15 hours upper-division SOC/ANTH |
| Diversity (D) | -- | Course designated (D) (see note 1.b.) | 9 hours upper-division related courses.* |
| International Dimension (I) | -- | Course designated (I) (see note 1.b.) | accredited doctoral health program may be used for these 9 hours and 21 hours of electives. |
| Scientific Investigation (L) | -- | Course designated (L) (see note 1.b.) |  |
| Controlled Electives | 2 | Any course with a GE designation in any of the above areas |  |
| College/Departmental Requirements: 13 Hours |  |  |  |
| Orientation | 1 | A\&S 1111 (transfer students with 15 hours exempt) | ELECTIVES: 23 Hours9 hours may need to be upper-division. |
| Arts and Humanities | 3 | (see note 2.a.) |  |
| Natural \& Mathematical Sciences | 9 | (see note 2.b.) |  |
| Other Requirements: See notes <br> Foreign Language Proficiency <br> Upper-Division Gen Ed: 6 hou <br> Upper-Division Credit: Total <br> Hours in One Prefix: Hours in <br> Students will be held responsible hours being added or do not delay | 3 on back <br> e note 3 <br> outside ma <br> must inc <br> prefix in <br> gree req <br> duation. | of degree sheet <br> back of sheet. <br> or prefix. <br> de at least 48 hours in courses numbered 30 xcess of 48 will be added to the minimum tota <br> rements in effect at the time of matriculation | above. <br> 21 required for graduation. <br> ny changes that are made, so long as these changes do not result in semester credit |
| Signature on file in the Office of the Registrar |  |  | Signature on file in the Office of the Registrar |
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General Requirements for Students Matriculating in Academic Year 2011-2012
BACHELOR of SCIENCE
MAJOR: Sociology OPTION: Anthropology
Minimum Overall Grade Point Average: 2.00

## Total Hours: 121

(cumulative graduation/retention GPA)
Other GPA requirements, see below.

| GENERAL EDUCATION REQUIREMENTS: 40 Hours |  |  |
| :---: | :---: | :---: |
| Area | Hours | To be selected from: |
| English Composition \& Oral Communication | 6 | ENGL 1113 or 1313; \& 1213 or 1413 or 3323 (See Academic Regulation 3.5 in Catalog) |
| American History \& Government | 6 | HIST 1103; POLS 1113 |
| Analytical \& Quantitative Thought (A) | 6 | MATH 1483 or 1513; and 3 hours designated (A) |
| Humanities (H) | 6 | Courses designated (H) |
| Natural Sciences (N) | 8 | Courses designated (N) |
| Social \& Behavioral Sciences (S) | 6 | Courses designated (S) |
| Diversity (D) | -- | Course designated (D) (see note 1.b.) |
| International Dimension (I) | -- | Course designated (I) (see note 1.b.) |
| Scientific Investigation (L) | -- | Course designated (L) (see note 1.b.) |
| Controlled Electives | 2 | Any course with a GE designation in any of the above areas |
| College/Departmental Requirements: 13 Hours |  |  |
| Orientation | 1 | A\&S 1111 (transfer students with 15 hours exempt) |
| Arts and Humanities | 3 | (see note 2.a.) |
| Natural \& Mathematical Sciences | 9 | (see note 2.b.) |

## Major Requirements: 45 Hours

## Minimum GPA $\underline{2.50}$

Minimum GPA in all SOC/ANTH courses $\underline{2.50}$ with a minimum grade of " $C$ " in all SOC/ANTH courses.

Minimum 30 hours of courses with SOC/ANTH prefix.
ANTH 2353
ANTH 3353
SOC 1113
SOC 3113
SOC 4133
SOC 4243
SOC 4663
6 hours upper-division SOC
6 hours upper-division ANTH
12 hours upper-division related courses from:
ART 3733, 4603, 4763
GEOG $3243,3713,3783,4333,4353$
HIST $3013,3023,3133,3443,3453,3463,3503,3513,3543,3553,3763,3793$,
4063, 4523, 4980
MUSI 3573, 3583
SOC 3133, 4433, 4443, 4453, 4990

Electives: 23 Hours

9 hours may need to be upper-division.

Other Requirements: See notes 1, 2 \& 3 on back of degree sheet
Foreign Language Proficiency: See note 3 on back of sheet.
Upper-Division Gen Ed: 6 hours outside major prefix.
Upper-Division Credit: Total hours must include at least 48 hours in courses numbered 3000 or above.
Hours in One Prefix: Hours in one prefix in excess of 48 will be added to the minimum total of 121 required for graduation.
Students will be held responsible for degree requirements in effect at the time of matriculation and any changes that are made, so long as these changes do not result in semester credit hours being added or do not delay graduation.
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General Requirements for Students Matriculating in Academic Year 2011-2012
BACHELOR of SCIENCE
MAJOR: Sociology OPTION: Applied Sociology
Minimum Overall Grade Point Average: 2.00
Total Hours: 121 (cumulative graduation/retention GPA)

Other GPA requirements, see below.

| General Education Requirements: 40 Hours |  |  |
| :---: | :---: | :---: |
| Area | Hours | To be selected from: |
| English Composition \& Oral Communication | 6 | ENGL 1113 or 1313; \& 1213 or 1413 or <br> 3323 (See Academic Regulation 3.5 in Catalog) |
| American History \& Government | 6 | HIST 1103; POLS 1113 |
| Analytical \& Quantitative Thought <br> (A) | 6 | MATH 1483 or 1513; and 3 hours designated (A) |
| Humanities (H) | 6 | Courses designated (H) |
| Natural Sciences (N) | 8 | Courses designated ( N ) |
| Social \& Behavioral Sciences (S) | 6 | Courses designated (S) |
| Diversity (D) | -- | Course designated (D) (see note 1.b.) |
| International Dimension (I) | -- | Course designated (I) (see note 1.b.) |
| Scientific Investigation (L) | -- | Course designated (L) (see note 1.b.) |
| Controlled Electives | 2 | Any course with a GE designation in any of the above areas |
| College/Departmental Requirements: 13 Hours |  |  |
| Orientation | 1 | A\&S 1111 (transfer students with 15 hours exempt) |
| Arts and Humanities | 3 | (see note 2.a.) |
| Natural \& Mathematical Sciences | 9 | (see note 2.b.) |

## Major Requirements: 51 Hours

Minimum GPA 2.50
Minimum GPA in all SOC/ANTH courses $\underline{2.50}$ with a minimum grade of " $C$ " in all SOC/ANTH courses.

SOC 1113; 2123 or ANTH 3353
SOC 3113, 3952, 4133, 4850 (4 hours)
3 hours from: SOC 3133, 4043, 4383, 4643
SOC 4243
SOC 4663

## Choose one of the following emphases:

Law, Crime and Social Justice
SOC 3523, 4033, 4333, 4443, 4923
9 hours from: SOC 3133, 3223, 3323, 4213, 4723, EPSY 3213, HDFS 3423, 3453, HHP 3913, PHIL 3843, POLS 3983, PSYC 3443, 4133, 4143

Environment and Society
SOC 4433, 4453, 4463, 4533
12 hours from: SOC 3323, 4323, 4513, 4623, AGEC 4503, ECON 4913, GEOG 3123, 3153, 4123, HIST 4063, 4503, POLS 4363, 4593, PSYC 4213

Social Services
SOC 3223, 4343, 4723, HDFS 3523
12 hours from: SOC 3133, 4043, 4623, ECON 3523, HDFS 3423, 3443, 3453, 4423, HHP 3613, 3913, 4433, PSYC 4133

Electives: 17 Hours

3 hours may need to be upper-division.

Other Requirements: See notes 1, $2 \& 3$ on back of degree sheet
Foreign Language Proficiency: See note 3 on back of sheet.
Upper-Division Gen Ed: 6 hours outside major prefix.
Upper-Division Credit: Total hours must include at least 48 hours in courses numbered 3000 or above.
Hours in One Prefix: Hours in one prefix in excess of 48 will be added to the minimum total of 121 required for graduation.
Students will be held responsible for degree requirements in effect at the time of matriculation and any changes that are made, so long as these changes do not result in semester credit hours being added or do not delay graduation.
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| GEnEral Education Requirements: 41 Hours |  |  |
| :---: | :---: | :---: |
| Area | Hours | To be selected from: |
| English Composition \& Oral Communication | 6 | ENGL 1113 or 1313 ; \& 1213 or 1413 or <br> 3323 (See Academic Regulation 3.5 in Catalog) |
| American History \& Government | 6 | HIST 1103; POLS 1113 |
| Analytical \& Quantitative Thought (A) | 6 | MATH 1483 or 1513; and STAT 2013 or 2053 |
| Humanities (H) | 6 | Courses designated (H) |
| Natural Sciences (N) | 8 | Courses designated (N) |
| Social \& Behavioral Sciences (S) | 6 | ECON 1113 or 2103; MC 1143 |
| Diversity (D) | -- | Course designated (D) (see note 1.b.) |
| International Dimension (I) | -- | Course designated (I) (see note 1.b.) |
| Scientific Investigation (L) | -- | Course designated (L) (see note 1.b.) |
| Controlled Electives | 3 | SPCH 2713 |
| College/Departmental Requirements: 13 Hours |  |  |
| Orientation | 1 | A\&S 1111 (transfer students with 15 hours exempt) |
| Arts \& Humanities | 3 | (see note 2.a.) |
| Natural \& Mathematical Sciences | 9 | (see notes 2.b.) |

## Major Requirements: 57 Hours

Minimum 2.50 GPA in JB/MC/MMJ/SC/SPM prefix courses and in Major Requirements with a minimum grade of " $C$ " in each course.
Core Curriculum: MC 2003, 2023, 4143, 4163, SPM 2843, 3843
Select one of the options listed below:

1. Sports Media Broadcast Production:
a. MMJ 3153, 3263, 3913 and SPM 3863, 4813, 4883
b. 6 hrs MC, MMJ, SC or SPM ( 3 hrs must be upper-division)
c. 15 hrs upper-division Traditional Liberal Arts or Business
2. Sports Media Multimedia Journalism:
a. MMJ 3263, 3313, 4393 and SPM 3853, 3863, 4883
b. 6 hrs MC, MMJ, SC or SPM ( 3 hrs must be upper-division)
c. 15 hrs upper-division Traditional Liberal Arts or Business
3. Sports Media Strategic Communications/Promotion
a. SC $2183,3353,3753,3953$ and SPM 3783,4933
b. 6 hrs upper-division MC, MMJ, SC or SPM electives
c. 6 hrs upper-division MKTG
d. 9 hrs upper-division Traditional Liberal Arts or Business

A 2.50 graduation retention GPA and at least 28 hours completed required to declare major. Enrollment in all upper-division department courses except MC 3173 and MC 4253 requires declaration of major, completion of MC 2003 with a " $C$ " or better, and a passing grade on the Language Proficiency Exam.

This option requires a minimum of 65 hours in traditional liberal arts courses to be taken among General Education, Major Requirements or Electives. No more than 12 hours in JB/MC/MMJ/SC/SPM can be transferred from other institutions.

This major requires students to develop and maintain a portfolio exhibiting specific and appropriate work including required class assignments.

## Electives: 14 Hours

Hours selected may need to be in traditional liberal arts.
3 hours may need to be upper-division

Other Requirements: See notes $1,2 \& 3$ on back of degree sheet
Upper-Division Gen Ed: 6 hours outside major prefix.
Upper-Division Credit: Total hours must include at least 48 hours in courses numbered 3000 or above.
Hours in One Prefix: Hours in one prefix in excess of 45 will be added to the minimum total of 125 required for graduation.
Students will be held responsible for degree requirements in effect at the time of matriculation and any changes that are made, so long as these changes do not result in semester credit hours being added or do not delay graduation.


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DEPARTMENT HEAD

# General Requirements for Students Matriculating in Academic Year 2011-2012 <br> BACHELOR of SCIENCE 

MAJOR: Statistics
Minimum Overall Grade Point Average: 2.00
Total Hours: 120
(cumulative graduation/retention GPA)
Other GPA requirements, see below.

| GENERAL EDUCATION REQUIREMENTS: 40 Hours |  |  |
| :---: | :---: | :---: |
| Area | Hours | To be selected from: |
| English Composition \& Oral Communication | 6 | ENGL 1113 or 1313; \& 1213 or 1413 or 3323 (See Academic Regulation 3.5 in Catalog) |
| American History \& Government | 6 | HIST 1103; POLS 1113 |
| Analytical \& Quantitative Thought <br> (A) | 5 | MATH 1715 |
| Humanities (H) | 6 | Courses designated (H) |
| Natural Sciences ( N ) | 8 | Courses designated ( N ) |
| Social \& Behavioral Sciences (S) | 6 | Courses designated (S) |
| Diversity (D) | -- | Course designated (D) (see note 1.b.) |
| International Dimension (I) | -- | Course designated (I) (see note 1.b.) |
| Scientific Investigation (L) | -- | Course designated (L) (see note 1.b.) |
| Controlled Electives | 3 | SPCH 2713 |
| College/Departmental Requirements: 13 Hours |  |  |
| Orientation | 1 | A\&S 1111 (transfer students with 15 hours exempt) |
| Arts and Humanities | 3 | (see note 2.a.) |
| Natural \& Mathematical Sciences | 9 | CS 2133 or MATH 2233; and 6 additional hours (see note 2.b.) |

## Major Requirements: 53 Hours

Minimum GPA $\underline{2.50}$ with a minimum grade of " $C$ " in each course.
Section 1: Required Courses
CS 1113 3513 or 4513
MATH 2144
2153
2163
3013
STAT 4013
4023
4043
4091
4203
4213

Section 2:
6-9 hours at 3000 level or above in a field of application outside of Mathematical Sciences.

Section 3:
9-12 hours: (maximum of 6 hours from one department) to be selected from: CS 3423 IEM 3703 MATH 3613

344340134013
$4323 \quad 4103 \quad 4233$
$4343 \quad 4113 \quad 4553$
$4613 \quad 4663$
4713

Total of 18 hours from Sections 2 and 3.
Electives: 14 Hours

8 hours may need to be upper-division.

Other Requirements: See notes $1,2 \& 3$ on back of degree sheet
Foreign Language Proficiency: See note 3 on back of sheet.
Upper-Division Gen Ed: 6 hours outside major prefix.
Upper-Division Credit: Total hours must include at least 48 hours in courses numbered 3000 or above.
Hours in One Prefix: Hours in one prefix in excess of 48 will be added to the minimum total of 120 required for graduation.
Students will be held responsible for degree requirements in effect at the time of matriculation and any changes that are made, so long as these changes do not result in semester credit hours being added or do not delay graduation.

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DEPARTMENT HEAD

BACHELOR of SCIENCE
MAJOR: Strategic Communication
Minimum Overall Grade Point Average: $\mathbf{2 . 0 0}$
Total Hours: 125 (cumulative graduation/retention GPA)

Other GPA requirements see below.

| GENERAL EDUCATION REQUIREMENTS: 41 HOURS |  |  |
| :--- | :---: | :--- |
| Area | Hours | To be selected from: |
| English Composition \& Oral <br> Communication | 6 | ENGL 1113 or 1313; \& 1213 or 1413 or <br> 3323 (See Academic Regulation 3.5 in Catalog) |
| American History \& Government | 6 | HIST 1103; POLS 1113 |
| Analytical \& Quantitative Thought <br> (A) | 6 | MATH 1483 or 1513; and STAT 2013 or <br> 2053 |
| Humanities (H) | 6 | Courses designated (H) |
| Natural Sciences (N) | 8 | Courses designated (N) |
| Social \& Behavioral Sciences (S) | 6 | ECON 1113 or 2103; MC 1143 |
| Diversity (D) | -- | Course designated (D) (see note 1.b.) |
| International Dimension (I) | -- | Course designated (I) (see note 1.b.) |
| Scientific Investigation (L) | -- | Course designated (L) (see note 1.b.) |
| Controlled Electives | 3 | SPCH 2713 |

College/Departmental Requirements: 13 Hours

| Orientation | 1 | A\&S 1111 (transfer students with 15 hours <br> exempt) |
| :--- | :---: | :--- |
| Arts \& Humanities | 3 | $\frac{\text { (see note 2.a.) }}{}$ |
| Natural \& Mathematical Sciences | 9 | $\frac{\text { (see notes 2.b.) }}{}$ |

## MAJOR REQUIREMENTS: 57 Hours

Minimum 2.50 GPA in JB/MC/MMJ/SC/SPM prefix courses and in Major Requirements with a minimum grade of "C" in each course.

| MC 2003 | SC 2013 or 2183 |
| :---: | :---: |
| 2023 | 3353 |
| 4143 | 3383 |
| 4163 | 3753 |
|  | 3953 |
|  | 4013 |
|  | 4843 or 4980 |

SC 3603 or 4493
6 hrs MC, MMJ, SC or SPM (3 hrs must be upper-division)
6 hrs upper-division MKTG
9 hrs upper-division Traditional Liberal Arts or Business

A 2.50 graduation retention GPA and at least 28 hours completed required to declare major. Enrollment in all upper-division department courses except MC 3173 and MC 4253 requires declaration of major, completion of MC 2003 with a " C " or better, and a passing grade on the Language Proficiency Exam.

This option requires a minimum of 65 hours in traditional liberal arts courses to be taken among General Education, Major Requirements or Electives. No more than 12 hours in JB/MC/MMJ/SC/SPM can be transferred from other institutions.

Students are required to develop and maintain a portfolio exhibiting specific and appropriate work including required class assignments.

## Electives: 14 Hours

Hours selected may need to be in traditional liberal arts.
3 hours may need to be upper-division
Other Requirements: See notes $1,2 \& 3$ on back of degree sheet
Upper-Division Gen Ed: 6 hours outside major prefix.
Upper-Division Credit: Total hours must include at least 48 hours in courses numbered 3000 or above.
Hours in One Prefix: Hours in one prefix in excess of 45 will be added to the minimum total of 125 required for graduation.
Students will be held responsible for degree requirements in effect at the time of matriculation and any changes that are made, so long as these changes do not result in semester credit hours being added or do not delay graduation.

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DEAN

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DEPARTMENT HEAD

BACHELOR of SCIENCE
MAJOR: Zoology
Minimum Overall Grade Point Average: 2.00
Total Hours: 127 (cumulative graduation/retention GPA) Other GPA requirements, see below.

| GEnERAL EDUCATION REQUIREMENTS: 41 Hours |  |  |
| :---: | :---: | :---: |
| Area | Hours | To be selected from: |
| English Composition \& Oral Communication | 6 | ENGL 1113 or 1313 ; \& 1213 or 1413 or <br> 3323 (See Academic Regulation 3.5 in Catalog) |
| American History \& Government | 6 | HIST 1103; POLS 1113 |
| Analytical \& Quantitative Thought (A) | 5 | MATH 1513 and 1613; or 1715 |
| Humanities (H) | 6 | Courses designated (H) |
| Natural Sciences (N) | 8 | PHYS 1114*, 1214* |
| Social \& Behavioral Sciences (S) | 6 | SPCH 2713 and 3 hours designated (S) |
| Diversity (D) | -- | Course designated (D) (see note 1.b.) |
| International Dimension (I) | -- | Course designated (I) (see note 1.b.) |
| Scientific Investigation (L) | -- | Course designated (L) (see note 1.b.) |
| Controlled Electives | 3 | STAT 2013 or 4013* |
| *College and Departmental Requirements that may be used to meet GE Requirements. |  |  |
| College/Departmental Requirements: 13 Hours |  |  |
| Orientation | 1 | A\&S 1111 (transfer students with 15 hours exempt) |
| Arts and Humanities | 3 | (see note 2.a.) |
| Natural \& Mathematical Sciences | 9 | CHEM 1314, 1515 |

## Major Requirements: 57 Hours

Minimum grade of "C" in each course.
BIOL 1114
3023
3034
CHEM 3015; or 3053, 3153, 3112
MICR 2123 or 3033
ZOOL 1604
3104
3114
3204
4133
4700 or 4710 (1 hour)

12 hours upper-division ZOOL courses (major courses only) with a laboratory in at least one course

Choose 3 hours from the following:
ENGL 3323, 4563
GEOG 3153, 4053

Choose 3 hours from the following:
HIST 4523
PHIL 4713, 4733
SOC 4433

With approval from the adviser and department head, a maximum of 30 hours from an accredited doctoral health program may be substituted for major requirements other than BIOL 3023 and ZOOL 4133.

## Electives: 16 Hours

2 hours may need to be upper-division. CHEM 3053, 3112 and 3153 and a calculus course recommended for graduate school or health professions.

Other Requirements: See notes $1,2 \& 3$ on back of degree sheet
Foreign Language Proficiency: See note 3 on back of sheet.
Upper-Division Gen Ed: 6 hours outside major prefix.
Upper-Division Credit: Total hours must include at least 48 hours in courses numbered 3000 or above.
Hours in One Prefix: Hours in one prefix in excess of 48 will be added to the minimum total of 127 required for graduation.
Students will be held responsible for degree requirements in effect at the time of matriculation and any changes that are made, so long as these changes do not result in semester credit hours being added or do not delay graduation.

## College of Education

Bachelor of Science<br>ED-1 - Athletic Training - Clinical<br>ED-2 - Athletic Training - Pre-Professional<br>ED-3 - Education - Non-Certification<br>ED-4 - Health Education and Promotion - Community Health Education<br>ED-5 - Health Education and Promotion - Exercise and Health<br>ED-6 - Leisure Studies - Leisure Service Management<br>ED-7 - Leisure Studies - Therapeutic Recreation<br>ED-8 - Physical Education - Teacher Education<br>ED-9 - Aerospace Administration and Operations - Aerospace Logistics<br>ED-10 - Aerospace Administration and Operations - Aviation Management<br>ED-11 - Aerospace Administration and Operations - Aerospace Security<br>ED-12 - Aerospace Administration and Operations - Professional Pilot<br>ED-13 - Aerospace Administration and Operations - Technical Service Management<br>ED-14 - Career and Technical Education - Business and Information Technology Education<br>ED-15 - Career and Technical Education - Health Occupations Education<br>ED-16 - Career and Technical Education - Marketing Education<br>ED-17 - Career and Technical Education - Certification<br>ED-18 - Career and Technical Education - Non-Certification<br>ED-19 - Career and Technical Education - Technology Education<br>ED-20 - Elementary Education<br>ED-21 - Secondary Education - English<br>ED-22 - Secondary Education - Foreign Language<br>ED-23 - Secondary Education - Mathematics<br>ED-24 - Secondary Education - Science<br>ED-25 - Secondary Education - Social Studies

General Requirements for Students Matriculating in Academic Year 2011-2012
BACHELOR of SCIENCE
MAJOR: Athletic Training OPTION: Clinical
Minimum Overall Grade Point Average: 2.75
Total Hours: 124
(cumulative graduation/retention GPA)
Other GPA requirements see below.

| General Education Requirements: 41 Hours |  |  |
| :---: | :---: | :---: |
| Area | Hours | To be selected from: |
| English Composition \& Oral Communication | 9 | ENGL 1113 or 1313; 1213, 1413 or 3323. <br> (See Academic Regulation 3.5 in Catalog) SPCH 2713 |
| American History \& Government | 6 | HIST 1103, 1483 or 1493; and POLS 1113 |
| Analytical \& Quantitative Thought (A) | 6 | MATH 1513 and STAT 2013 |
| Humanities (H) | 6 | 6 hours of courses designated (H). 3 hours must be lower-division. |
| Natural Sciences ( N ) | 8 | BIOL 1114 and CHEM 1314 |
| Social \& Behavioral Sciences (S) | 6 | PSYC 1113; and (S) designated course. |
| Diversity (D) | -- | Any course designated (D). |
| International Dimension (I) | -- | Any course designated (I). |
| Scientific Investigation (L) | -- | Any course designated (L). |
| College/Departmental Requirements: 16 Hours |  |  |
| Minimum GPA 3.00 with a minimum grade of " B " or "P" |  |  |
| EDUC 1111 <br> EDTC 4113 or MSIS 2103 <br> NSCI 2114 <br> PHYS 1114 <br> ZOOL 3204 |  |  |

## Major Requirements: 67 Hours

Minimum GPA 3.00 in major requirements.
Minimum grade of " B " or " P " in each course:
HHP 1713

HHP 2451
HHP 2461
HHP 2654
HHP 2664
HHP 2733

HHP 2802
HHP 2844
HHP 2854
HHP 2902
HHP 3010 (one hour fitness \& weight control)
HHP 3112
HHP 3233
HHP 3451
HHP 3461
HHP 3673
HHP 3902
HHP 3924
HHP 4243
HHP 4451
HHP 4461
HHP 4901
HHP 4933
HHP 4983
Minimum grade of " C " or " P " in each course:
HHP 3114
HHP 3663
HHP 4773

Other Requirements:
60 hours must be completed at a senior college and must include 40 hours upper-division course work.
Admission to program: Acceptance to Prospective Athletic Training Students (PATS) portion of program; "B" or better in the following courses: HHP 1713, 2654, 2664, 2802; First aid and CPR Certification; successful interview.

Required for graduation: (1) 2.75 overall GPA; (2) 3.00 GPA in College/Departmental Requirements; and (3) 3.00 GPA in Major Requirements.
Students will be held responsible for degree requirements in effect at the time of matriculation and any changes that are made, so long as these changes do not result in semester credit hours being added or do not delay graduation.

Minimum Overall Grade Point Average: $\mathbf{3 . 0 0}$ (cumulative graduation/retention GPA) Other GPA requirements see below.

Total Hours: 124

| GENERAL EDUCATION REQUIREMENTS: 41 HoURS |  |  |
| :--- | :---: | :--- |
| Area | Hours | To be selected from: |
|  <br> Oral Communication | 9 | ENGL 1113 or 1313; 1213, 1413 or 3323. <br> See Academic Regulation 3.5 in Catalog) <br> SPCH 2713 |
| American History \& Government | 6 | HIST 1103, 1483 or 1493; and POLS 1113 |
| Analytical \& Quantitative Thought (A) | 6 | MATH 1513 and STAT 2013 |
| Humanities (H) | 6 | PHIL 3833 and 3 hours designated (H) <br> must be lower-division. |
| Natural Sciences (N) | 8 | BIOL 1114 and CHEM 1314 |
| Social \& Behavioral Sciences (S) | 6 | PSYC 1113 and 3 hours upper division (S) |
| Diversity (D) | -- | Any course designated (D). |
| International Dimension (I) | -- | Any course designated (I). |
| Scientific Investigation (L) | -- | Any course designated (L). |

## College/Departmental Requirements: 31 Hours

Minimum GPA 3.00 with a minimum grade of " $B$ " or "P"
CHEM 1515
EDUC 1111
MICR 2132 and 2123
PHYS 1114 and 1214
ZOOL 1604 and 2104 and 3204

| Major Requirements: 46 Hours |  |  |
| :---: | :---: | :---: |
| Minimum GPA $\underline{3.00}$ with a minimum grade of "B" or "P" in each course. |  |  |
| HHP | 2654 |  |
| HHP | 2664 |  |
| HHP | 2733 |  |
| HHP | 2802 |  |
| HHP | 2844 |  |
| HHP | 2854 |  |
| HHP | 2902 |  |
| HHP | 3010 (0 | control) |
| HHP | 3114 |  |
| HHP | 3233 |  |
| HHP | 3663 |  |
| HHP | 3673 |  |
| HHP | 3902 |  |
| HHP | 3924 |  |
| HHP | 4243 |  |
| ElECTIVES: 6 HoUrS (MUST BE UPPER DIVISION) |  |  |
| Suggested: |  |  |
| CHEM 3053 |  | HHP 3112 |
| CHEM 3112 |  | MICR 3033 |
| CHEM 3153 |  | BIOC 3653 |

## Other Requirements:

60 hours must be completed at a senior college and must include 40 hours upper-division course work.
Required for graduation: (1) 3.00 overall GPA; (2) 3.00 GPA in College/Departmental Requirements; and (3) 3.00 GPA in Major Requirements; and (4) Documentation of current First Aid and CPR Certification.

Admission to program: completed application, "B" or better in the following courses: EDUC 1111, HHP 2654, HHP 2664, current certification in CPR and First Aid at a level equivalent to American Red Cross for the Professional Rescuer.

Students will be held responsible for degree requirements in effect at the time of matriculation and any changes that are made, so long as these changes do not result in semester credit hours being added or do not delay graduation.

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SCHOOL HEAD

General Requirements for Students Matriculating in Academic Year 2011-2012
BACHELOR of SCIENCE
MAJOR: Education OPTION: Non-Certification
Minimum Overall Grade Point Average: 2.00
Total Hours: 120 (cumulative graduation/retention GPA)

Other GPA requirements see below.

| GEnERAL EDUCATION REQUIREMENTS: 44 Hours |  |  |
| :---: | :---: | :---: |
| Area | Hours | To be selected from: |
| English Composition \& Oral Communication | 9 | ENGL 1113 or 1313; 1213, 1413 or 3323. (See Academic Regulation 3.5 in Catalog) SPCH 2713 |
| American History \& Government | 6 | HIST 1103, 1483 or 1493; and POLS 1113 |
| Analytical \& Quantitative Thought (A) | 6 | MATH 1483, 1493, 1513, 1613 or STAT 2013 |
| Humanities (H) | 6 | 6 hours designated (H). One course must be lower-division. |
| Natural Sciences (N) | 8 | 8 hours designated ( N ) |
| Social \& Behavioral Sciences (S) | 6 | PSYC 1113 and any (S) designated course |
| Diversity (D) | -- | Any course designated (D). |
| International Dimension (I) | 3 | 3 hours designated (I). Recommended: AVED 4653, SCFD 4913 or CTED 4333 |
| Scientific Investigation (L) | -- | Any course designated (L). |
| College/Departmental Requirements: 11 Hours |  |  |
| EDUC 1111 <br> CPSY 1112 <br> SDEV 3013 <br> 5 hours to be selected from a foreign language or other approved language. |  |  |


| Major Requirements: 48 Hours |  |
| :---: | :---: |
| Minimum GPA $\underline{\underline{2.25}}$ with no grade lower than "C" or "P". |  |
| CIED | 4000, HHP 3010/4010, RMTR 3010/4010 or EDUC 4110 (2 hours) |
| CIED | 4560 (3 hours) |
| EDTC | 4113 |
| EPSY | 1003 |
| EPSY | 3413, or EPSY 3113 or EPSY 3213 |
| EPSY | 3513 |
| EPSY | 4063 |
| EPSY | 4223 |
| EPSY | 4513 or 4533 |
| HHP | 2603 |
| HHP | 3913 |
| HHP | 1753, SCFD 3223, 4123, or 4913 |
| RMTR | 2443 or CPSY 4443 |
| SPED | 3202 |
| Remaining course work to be selected from the following areas (8 hours): |  |
| Aviation |  |
| Counseling Psychology |  |
| Curriculum and Instruction |  |
| Educational Psychology |  |
| Health and Human Performance |  |
| Recreation Management Therapeutic Recreation |  |
| Library Science |  |
| Social Foundations |  |
| Care | and Technical Education |

## Electives: 17 Hours

To be selected from education-related areas.

## Other Requirements:

60 hours must be completed at a senior college and must include 40 hours upper-division course work.
Students will be held responsible for degree requirements in effect at the time of matriculation and any changes that are made, so long as these changes do not result in semester credit hours being added or do not delay graduation.


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SCHOOL HEAD

General Requirements for Students Matriculating in Academic Year 2011-2012
BACHELOR of SCIENCE
MAJOR: Health Education and Promotion OPTION: Community Health Education
Minimum Overall Grade Point Average: 2.75
Total Hours: 120
(cumulative graduation/retention GPA)
Other GPA requirements see below.


## Other Requirements:

60 hours must be completed at a senior college and must include 40 hours upper-division course work.
Required for graduation: (1) 2.75 overall GPA; (2) 2.75 overall GPA for enrollment in HHP 4490; (3) 2.75 GPA in College/Departmental Requirements; and (4) 2.75 GPA in Major Requirements. The student must earn minimum grades of " $C$ " or " $P$ " in the College/Departmental Requirements and Major Requirements.

Students will be held responsible for degree requirements in effect at the time of matriculation and any changes that are made, so long as these changes do not result in semester credit hours being added or do not delay graduation.

Documentation of current first aid/CPR certification prior to completion of HHP 4990.

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General Requirements for Students Matriculating in Academic Year 2011-2012
BACHELOR of SCIENCE

MAJOR: Health Education and Promotion
Minimum Overall Grade Point Average: 2.75 (cumulative graduation/retention GPA)

Other GPA requirements see below.

OPTION: Exercise and Health
Total Hours: 120

| GEnERAL EDUCATION REQUIREMENTS: 41 Hours |  |  |
| :---: | :---: | :---: |
| Area | Hours | To be selected from: |
| English Composition \& Oral Communication | 9 | ENGL 1113 or 1313; \& 1213 or 1413 or 3323. (See Academic Regulation 3.5 in Catalog) SPCH 2713 |
| American History \& Government | 6 | HIST 1103, 1483 or 1493; and POLS 1113 |
| Analytical \& Quantitative Thought <br> (A) | 6 | MATH 1513 and STAT 2013, or 2023, or 2053 |
| Humanities (H) | 6 | 6 hours any (H) courses; One course must be lower-division. |
| Natural Sciences ( N ) | 8 | BIOL 1114 and CHEM 1314 or 1215 |
| Social \& Behavioral Sciences (S) | 6 | Any course designated (S) |
| Diversity (D) | -- | Any course designated (D) |
| International Dimension (I) | -- | Any course designated (I) |
| Scientific Investigation (L) | -- | Any course designated (L). Students are encouraged to meet the requirement in their selection of $(\mathrm{N})$ course work. |

Select 3 hours from:
HHP 4773
HHP 4783
NSCI 4133

Minimum GPA $\underline{2.75}$ with a minimum grade of " $C$ " or " $P$ " in each course.
EDUC 1111 MKTG 3213
BCOM 3113 MSIS 2103 or EDTC 4113
ECON 1113 NSCl 2114
HHP 3114 ZOOL 3204
MGMT 3013

## Other Requirements:

60 hours must be completed at a senior college and must include 40 hours upper-division course work.
Required for graduation: (1) 2.75 overall GPA; (2) 2.75 overall GPA for enrollment in HHP 4490; (3) 2.75 GPA in College/Departmental Requirements; and (4) 2.75 GPA in Major Requirements. The student must earn minimum grades of " $C$ " or " $P$ " in the College/Departmental Requirements and Major Requirements.

Students will be held responsible for degree requirements in effect at the time of matriculation and any changes that are made, so long as these changes do not result in semester credit hours being added or do not delay graduation.

Documentation of current first aid/CPR certification prior to completion of HHP 4990.

BACHELOR of SCIENCE
MAJOR: Leisure Studies OPTION: Leisure Service Management
Minimum Overall Grade Point Average: 2.00 (cumulative graduation/retention GPA)

Other GPA requirements see below.

| GEnERAL EdUCATION REQUIREMENTS: 45 HoUrS |  |  |
| :---: | :---: | :---: |
| Area | Hours | To be selected from: |
| English Composition \& Oral Communication | 9 | ENGL 1113 or 1313; \& 1213 or 1413 or 3323. (See Academic Regulation 3.5 in Catalog) SPCH 2713 |
| American History \& Government | 6 | HIST 1103, 1483 or 1493; and POLS 1113 |
| Analytical \& Quantitative Thought <br> (A) | 6 | MATH 1513 and STAT 2013, or 2023, or 2053 |
| Humanities (H) | 6 | 6 hours any (H) courses; One course must be lower-division. |
| Natural Sciences ( N ) | 9 | BIOL 1114 and CHEM 1215 |
| Social \& Behavioral Sciences (S) | 6 | PSYC 1113 and SOC 1113 |
| Diversity (D) | 3 | RMTR 2443 |
| International Dimension (I) | -- | Any course designated (I) |
| Scientific Investigation (L) | -- | Any course designated (L). Students are encouraged to meet the requirement in their selection of ( N ) course work. |
| College/Departmental Requirements: 17 Hours |  |  |
| Minimum GPA 2.50 with a minimu <br> EDUC 1111 <br> ECON 1113 <br> GEOG 1114 | de of "C" <br> 113 <br> 603 <br> 13 or MK | or "P" in each course. <br> G 3213 |

## Major Requirements: 58 Hours

Minimum GPA of $\underline{2.50}$ with a minimum grade of " $C$ " or " $P$ " in each course.

| Program Core | (16 hours) |
| :---: | :--- |
| RMTR | 2413 |
| RMTR | 2463 |
| RMTR | 2473 |
| RMTR | 4433 |
| RMTR | 4481 |
| RMTR | 4493 |

LSM Option Requirements (24 hours)
RMTR 3431
RMTR 3432
RMTR 3463
RMTR 4463
RMTR 4563
RMTR 4680 (9 hours - taken with 4683 in spring or summer only)
RMTR 4683 (taken with 4680 in spring or summer only)

RMTR electives (at least 9 hours from the following):
RMTR 3313
RMTR 4473
RMTR 4513
RMTR 4553
RMTR 4943

Plus nine hours of electives.

## Other Requirements:

60 hours must be completed at a senior college and must include 40 hours upper-division course work.
Required for graduation: (1) 2.00 graduation/retention GPA; (2) 2.50 GPA in major for enrollment in RMTR 4680; and (3) 2.50 GPA in College/Departmental Requirements. The student must earn minimum grades of " $C$ " or " $P$ " in the College/Departmental Requirements and Major Requirements.

Students will be held responsible for degree requirements in effect at the time of matriculation and any changes that are made, so long as these changes do not result in semester credit hours being added or do not delay graduation.

General Requirements for Students Matriculating in Academic Year 2011-2012
BACHELOR of SCIENCE
MAJOR: Leisure Studies OPTION: Therapeutic Recreation
Minimum Overall Grade Point Average: 2.00
Total Hours: 120 (cumulative graduation/retention GPA)

Other GPA requirements see below.

| GENERAL EDUCATION REQUIREMENTS: 45 HoURS |  |
| :--- | :---: | :--- |

## MAJOR REQUIREMENTS: 53 Hours

Minimum GPA of $\underline{2.50}$ with a minimum grade of " $C$ " or " $P$ " in each course.

Program Core ( 16 hours)
RMTR 2413
RMTR 2463
RMTR 2473
RMTR 4433
RMTR 4481
RMTR 4493
T.R. Option Requirements (31 hours)

RMTR 2433
RMTR 3413
RMTR 3423
RMTR 3431
RMTR 3433
RMTR $\quad 3480$ (3 to 6 hours)
RMTR $\quad 4480$ ( 6 to 9 hours taken with 4483 in Spring or Summer only)
RMTR 4483 (taken with 4480 in Spring or Summer only)
RMTR 4933

Plus 6 hours of electives from the following

Upper division RMTR courses and/or
EPSY 3113 HDFS 2233

EPSY 3413 HDFS 3203
EPSY $4063 \quad H D F S 3413$
HDFS 3423

## Other Requirements:

60 hours must be completed at a senior college and must include 40 hours upper-division course work.
Required for graduation: (1) 2.00 graduation/retention GPA; (2) 2.50 GPA in major for enrollment in RMTR 4480; and (3) 2.50 GPA in College/Departmental Requirements. The student must earn minimum grades of " C " or " P " in the College/Departmental Requirements and Major Requirements.

Students will be held responsible for degree requirements in effect at the time of matriculation and any changes that are made, so long as these changes do not result in semester credit hours being added or do not delay graduation.
(cumulative graduation/retention GPA)
Other GPA requirements see below.

| GEnERAL EDUCATION REQUIREMENTS: 41 Hours |  |  |
| :---: | :---: | :---: |
| Area | Hours | To be selected from: |
| English Composition \& Oral Communication | 9 | ENGL 1113 or 1313; \& 1213 or 1413 or 3323. (See Academic Regulation 3.5 in Catalog) SPCH 2713 |
| American History \& Government | 6 | HIST 1103, 1483 or 1493; and POLS 1113 |
| Analytical \& Quantitative Thought (A) | 6 | MATH 1483 or 1513 and STAT 2013 |
| Humanities (H) | 6 | 6 hours any (H) designated course work; One course must be lower-division. |
| Natural Sciences ( N ) | 8 | BIOL 1114 and 4 hours physical science |
| Social \& Behavioral Sciences (S) | 6 | PSYC 1113 and 3 hours to be selected from (S) designated courses |
| Diversity (D) | -- | Any course designated (D) |
| International Dimension (I) | -- | Any course designated (I) |
| Scientific Investigation (L) | -- | Any course designated (L). Students are encouraged to meet the requirement in their selection of $(\mathrm{N})$ course work. |

## College/Departmental Requirements: 10 Hours

A minimum grade of " $C$ " or " $P$ " in each course.
Required:
EDUC 1111
9 hours electives (5 hours may need to be in a foreign language)

## Other Requirements:

60 hours must be completed at a senior college and must include 40 hours upper-division course work.
Required for graduation and recommendation for Licensure/Standard Certification: (1) 2.50 overall GPA; (2) 2.50 GPA in Major Requirements; and (3) 2.50 GPA in Professional Core Requirements. The student must earn minimum grades of "C" or "P" in the Major Requirements and Professional Core Requirements, and must earn grades of "P" in all sections of student teaching for recommendation for Licensure/Certification. The student must earn minimum grades of " $C$ " or " $P$ " in the College/Departmental requirements.

Prior to enrollment in the student teaching experience, the student must demonstrate proficiency in a foreign language at the novice high level from among those languages identified by the Oklahoma Commission for Teacher Preparation.

Students will be held responsible for degree requirements in effect at the time of matriculation and any changes that are made, so long as these changes do not result in semester credit hours being added or do not delay graduation.

## Signature on file in the Office of the Registrar

MAJOR: Aerospace Administration and Operations
Minimum Overall Grade Point Average: 2.50 (cumulative graduation/retention GPA) Other GPA requirements see below.

OPTION: Aerospace Logistics
Total Hours: 120

| General Education Requirements: 40 Hours |  |  |
| :---: | :---: | :---: |
| Area | Hours | To be selected from: |
| English Composition \& Oral Communication | 9 | ENGL 1113 or 1313; \& 1213 or 1413 or 3323. (See Academic Regulation 3.5 in Catalog) SPCH 2713 |
| American History \& Government | 6 | HIST 1103, 1483 or 1493; and POLS 1113 |
| Analytical \& Quantitative Thought (A) | 6 | MATH 1483 or 1513 and STAT 2013 or 2023 |
| Humanities (H) | 6 | PHIL 1213 and 3 hours designated (H). |
| Natural Sciences (N) | 7 | Any course designated ( N ) and one course designated (L) |
| Social \& Behavioral Sciences (S) | 6 | ECON 2103 and any course designated (S) |
| Diversity (D) | -- | Any course designated (D) |
| International Dimension (I) | -- | Any course designated (I) |
| Scientific Investigation (L) | -- | Any course designated (L). Students are encouraged to meet the requirement in their selection of $(\mathrm{N})$ course work. |
| College/Departmental Requirements: 16 Hours |  |  |
| Required: EDUC 1111 <br> Recommended: <br> ACCT 2103 <br> AVED 1114, 4100, 4200 <br> ECON 2203 | MSIS 2 MSIS 2 |  |

## Major Requirements: 64 Hours

Minimum GPA $\underline{2.50}$ with a minimum grade of " $C$ " in each course .

| AVED | 3433 |
| :--- | :--- |
| AVED | 3453 |
| AVED | 3513 |
| AVED | 3543 |
| AVED | 3573 |
| AVED | 3663 |
| AVED | 4103 |
| AVED | 4123 |
| AVED | 4143 |
| AVED | 4153 |
| AVED | 4163 |
| AVED | 4173 |
| AVED | 4193 |
| AVED | 4663 |
| AVED | 4813 |
| AVED | 4983 |
| MSIS | 3303 |

13 hours from the following areas:
Supply Chain Management
Basic Engineering for Logistics
Small Business Operations
Procurement \& Supplies Management (contracting)
Program Management

## Other Requirements:

60 hours must be completed at a senior college and must include 40 hours upper-division course work.
A 2.50 GPA is required in the Major Requirements with no grade below a " $C$ "
Students will be held responsible for degree requirements in effect at the time of matriculation and any changes that are made, so long as these changes do not result in semester credit hours being added or do not delay graduation.

BACHELOR of SCIENCE
MAJOR: Aerospace Administration and Operations
Minimum Overall Grade Point Average: 2.50 (cumulative graduation/retention GPA) Other GPA requirements see below.

OPTION: Aviation Management
Total Hours: 120


General Requirements for Students Matriculating in Academic Year 2011-2012
BACHELOR of SCIENCE

MAJOR: Aerospace Administration and Operations
Minimum Overall Grade Point Average: 2.50
(cumulative graduation/retention GPA)
Other GPA requirements see below.

OPTION: Aerospace Security
Total Hours: 120

| General Education Requirements: 40 Hours |  |  |
| :---: | :---: | :---: |
| Area | Hours | To be selected from: |
| English Composition \& Oral Communication | 9 | ENGL 1113 or 1313; \& 1213 or 1413 or 3323. (See Academic Regulation 3.5 in Catalog) SPCH 2713 |
| American History \& Government | 6 | HIST 1103, 1483 or 1493; and POLS 1113 |
| Analytical \& Quantitative Thought (A) | 6 | MATH 1483 or 1513 and STAT 2013 or 2023 |
| Humanities (H) | 6 | PHIL 1213 and 3 hours designated (H). |
| Natural Sciences (N) | 7 | Any course designated (N) <br> One course designated (L) |
| Social \& Behavioral Sciences (S) | 6 | ECON 2103 and any course designated (S) |
| Diversity (D) | -- | Any course designated (D) |
| International Dimension (I) | -- | Any course designated (I) |
| Scientific Investigation (L) | -- | Any course designated (L). Students are encouraged to meet the requirement in their selection of $(\mathrm{N})$ course work. |
| College/Departmental Requirements: 17 Hours |  |  |
| Required: EDUC 1111 |  |  |
| Recommended: |  |  |
| ACCT 2103 | AVED 4200 (3 hours) |  |
| AVED 1114 | ECON 2203 |  |
| AVED 4100 (3 hours) |  |  |


| MAJOR REQUIREMENTS: 48 HoURS |  |
| :--- | :--- |
|  | Minimum GPA 2.50 with a minimum grade of "C" in each course. |
| AVED | 2113 |
| AVED | 3433 |
| AVED | 3443 |
| AVED | 3453 |
| AVED | 3463 |
| AVED | 3473 |
| AVED | 3513 |
| AVED | 3543 |
| AVED | 3573 |
| AVED | 3663 |
| AVED | 4113 |
| AVED | 4413 |
| AVED | 4423 |
| AVED | 4433 |
| AVED | 4653 |
| AVED | 4663 |
| Suggested courses from: Management, Political Science, Psychology |  |
|  |  |

Other Requirements:
60 hours must be completed at a senior college and must include 40 hours upper-division course work.
A 2.50 GPA is required in the Major Requirements with no grade below a " C "
Students will be held responsible for degree requirements in effect at the time of matriculation and any changes that are made, so long as these changes do not result in semester credit hours being added or do not delay graduation.

| Signature on file in the Office of the Registrar |  |
| :--- | :--- |
| Signature on file in the Office of the Registrar |  |
| SEAN |  |

General Requirements for Students Matriculating in Academic Year 2011-2012
BACHELOR of SCIENCE
MAJOR: Aerospace Administration and Operations
Minimum Overall Grade Point Average: 2.50 (cumulative graduation/retention GPA)

Other GPA requirements see below.

General Education Requirements: 40 Hours

| Area | Hours | To be selected from: |
| :--- | :---: | :--- |
|  <br> Oral Communication | 9 | ENGL 1113 or 1313; \& 1213 or 1413 or <br> 3323. (See Academic Regulation 3.5 in Catalog) <br> SPCH 2713 |
| American History \& Government | 6 | HIST 1103, 1483 or 1493; and POLS 1113 |
| Analytical \& Quantitative Thought <br> (A) | 6 | MATH 1483, 1493, 1513 or 1613 |
| Humanities (H) | 6 | PHIL 1213 and 3 hours designated (H). |
| Natural Sciences (N) | 7 | GEOG 3033 and PHYS 1114 |
| Social \& Behavioral Sciences (S) | 6 | PSYC 1113 and any course designated (S) |
| Diversity (D) | -- | Any course designated (D) |
| International Dimension (I) | -- | Any course designated (I) |
| Scientific Investigation (L) | -- | Any course designated (L). Students are <br> encouraged to meet the equirement in their <br> selection of (N) course work. |

College/Departmental Requirements: 10 Hours

## Required: EDUC 1111

Recommended:

| AVED 3513 | AVED 4200 (3 hours) |
| :--- | :--- |
| AVED 3543 | AVED 4331 |
| AVED 3563 | AVED 4663 |
| AVED 3573 | AVED 4771 |
| AVED 4100 (3 hours) | AVED 4953 |

## Major Requirements: 70 Hours

Minimum GPA $\underline{2.50}$ with a minimum grade of " $C$ " in each course.

| AVED | 1114 |
| :--- | :--- |
| AVED | 1222 |
| AVED | 1403 |
| AVED | 2113 |
| AVED | 2122 |
| AVED | 2132 |
| AVED | 2142 |
| AVED | 2213 |
| AVED | 2313 |
| AVED | 3231 |
| AVED | 3243 |
| AVED | 3333 |
| AVED | 3341 |
| AVED | 3433 |
| AVED | 3443 |
| AVED | 3453 |
| AVED | 3533 |
| AVED | 3663 |
| AVED | 4113 |
| AVED | 4133 |
| AVED | 4232 |
| AVED | 4303 |
| AVED | 4353 |
| AVED | 4653 |
| AVED | 4703 |
| AVED | 4993 |

## Other Requirements:

60 hours must be completed at a senior college and must include 40 hours upper-division course work.
A 2.50 GPA is required in the Major Requirements with no grade below a "C"
Students will be held responsible for degree requirements in effect at the time of matriculation and any changes that are made, so long as these changes do not result in semester credit hours being added or do not delay graduation.

| Signature on file in the Office of the Registrar |
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| SEAN |

General Requirements for Students Matriculating in Academic Year 2011-2012
BACHELOR of SCIENCE
MAJOR: Aerospace Administration and Operations
OPTION: Technical Service Management
Minimum Overall Grade Point Average: 2.50
Total Hours: 120
(cumulative graduation/retention GPA)
Other GPA requirements see below.

| General Education Requirements: 40 Hours |  |  |
| :---: | :---: | :---: |
| Area | Hours | To be selected from: |
| English Composition \& Oral Communication | 9 | ENGL 1113 or 1313 ; \& 1213 or 1413 or 3323. (See Academic Regulation 3.5 in Catalog) SPCH 2713 |
| American History \& Government | 6 | HIST 1103, 1483 or 1493; and POLS 1113 |
| Analytical \& Quantitative Thought (A) | 6 | MATH 1483 or 1513; and STAT 2013 or 2023 |
| Humanities (H) | 6 | PHIL 1213 and 3 hours designated (H). |
| Natural Sciences (N) | 7 | Any course designated ( N ) and one course must be designated (L) |
| Social \& Behavioral Sciences (S) | 6 | ECON 2103 and any course designated (S) |
| Diversity (D) | -- | Any course designated (D) |
| International Dimension (I) | -- | Any course designated (I) |
| Scientific Investigation (L) | -- | Any course designated (L). Students are encouraged to meet the requirement in their selection of $(\mathrm{N})$ course work. |
| College/Departmental Requirements: 19 Hours |  |  |
| Required: EDUC 1111  <br> Recommended:  <br> AVED 1114 AVED 4100 (3 hours) <br> AVED 1222 AVED 4200 (3 hours) <br> Some or all may need to be upper-division. |  |  |

## Major Requirements: 61 Hours

Minimum GPA $\underline{2.50}$ with a minimum grade of " $C$ " in each course.

| ACCT | 2103 |
| :---: | :---: |
| AVED | 2113 |
| AVED | 3433 |
| AVED | 3443 |
| AVED | 3453 |
| AVED | 3513 |
| AVED | 3543 |
| AVED | 3573 |
| AVED | 3663 |
| AVED | 4113 |
| AVED | 4953 |
| MGMT | 3013 |

25 hours of course work in Aviation Applied Science.

## Other Requirements:

60 hours must be completed at a senior college and must include 40 hours upper-division course work.
A 2.50 GPA is required in the Major Requirements with no grade below a " C "
Students will be held responsible for degree requirements in effect at the time of matriculation and any changes that are made, so long as these changes do not result in semester credit hours being added or do not delay graduation.

| Signature on file in the Office of the Registrar |
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| DEAN |


| GENERAL EDUCATION REQUIREMENTS: 44 HOURS |  |  |
| :--- | :---: | :--- |
| Area | Hours | To be selected from: |
|  <br> Oral Communication | 9 | ENGL 1113 or 1313; \& 1213 or 1413 or <br> 3323. (See Academic Regulation 3.5 in Catalog) <br> SPCH 2713 |
| American History \& Government | 6 | HIST 1103, 1483 or 1493; and POLS 1113 |
| Analytical \& Quantitative Thought <br> (A) | 6 | Any course designated (A). One course <br> must be MATH prefix. |
| Humanities (H) | 6 | 6 hours designated (H). One course must <br> be lower-division. |
| Natural Sciences (N) | 8 | 8 hours science (N) <br> One course must have (L) |
| Social \& Behavioral Sciences (S) | 6 | PSYC 1113 and SOC 1113 |$|$| Diversity (D) | - | Any course designated (D) |
| :--- | :--- | :--- |


| Major Requirements: 45 Hours |  |
| :---: | :---: |
| Minimum GPA 2.50 with a minimum grade of "C" or "P" in each course. |  |
| Core Requirements (21 hours) |  |
| CTED 4413 | CTED 4343 |
| CTED 4123 | CTED 4673 |
| CTED 4213 | CTED 4683 |
| CTED 4223 |  |
| Business Courses (18 hours) |  |
| ACCT 2103 | ECON 2203 |
| ACCT 2203 | MGMT 3013 |
| ECON 2103 | MKTG 3213 |
| Technology Courses (6 hours) recommended: |  |
| CTED 4110 (3 hours) |  |
| MSIS 2103 |  |
| Professional Core Requirements: 26 Hours |  |
| Minimum GPA 2.50 with a minimum grade of "C' or "P" in each course. |  |
| CTED 3203 | EPSY 3213 |
| CTED 3903 | SCFD 3223 |
| CTED 4103 | SPED 3202 |
| EDTC 4113 |  |
| Full admission required: CTED 4470 (6 hours) |  |

Other Requirements:
60 hours must be completed at a senior college and must include 40 hours upper-division course work.
Required for graduation and recommendation for Licensure/Standard Certification: (1) 2.50 overall GPA; (2) 2.50 GPA in Major Requirements; and (3) 2.50 GPA in Professional Core Requirements. The student must earn minimum grades of "C" or "P" in each course in the Major Requirements and Professional Core Requirements and must earn grades of "P" in all sections of observation courses and student teaching for recommendation for Licensure/Certification.

Students must demonstrate proficiency in a foreign language at the novice high level from among those languages identified by the Oklahoma Commission for Teacher Preparation.
Students will be held responsible for degree requirements in effect at the time of matriculation and any changes that are made, so long as these changes do not result in semester credit hours being added or do not delay graduation.


DEAN

## Signature on file in the Office of the Registrar

SCHOOL HEAD

BACHELOR of SCIENCE
MAJOR: Career and Technical Education Minimum Overall Grade Point Average: 2.50 (cumulative graduation/retention GPA)

Other GPA requirements see below.

| GEnERAL EdUCATION REQUIREMENTS: 44 HoUrS |  |  |
| :---: | :---: | :---: |
| Area | Hours | To be selected from: |
| English Composition \& Oral Communication | 9 | ENGL 1113 or 1313 ; \& 1213 or 1413 or 3323. (See Academic Regulation 3.5 in Catalog) SPCH 2713 |
| American History \& Government | 6 | HIST 1103, 1483 or 1493; and POLS 1113 |
| Analytical \& Quantitative Thought (A) | 6 | Any course designated (A). One course must be MATH prefix. |
| Humanities (H) | 6 | 6 hours designated (H). One course must be lower-division. |
| Natural Sciences (N) | 8 | 8 hours science (N) One course must have (L) |
| Social \& Behavioral Sciences (S) | 6 | PSYC 1113 and SOC 1113 |
| Diversity (D) | -- | Any course designated (D) |
| International Dimension (I) | 3 | Any course designated (I). CTED 4333 recommended. |
| Scientific Investigation (L) | -- | Any course designated (L). Students are encouraged to meet the requirement in their selection of $(\mathrm{N})$ course work. |
| College/Departmental Requirements: 9 Hours |  |  |
| 9 hours of electives (5 hours may need to be foreign language) |  |  |

OPTION: Health Occupations Education Total Hours: 124

MAJOR: Career and Technical Education
Minimum Overall Grade Point Average: 2.50 (cumulative graduation/retention GPA) Other GPA requirements see below.

## OPTION: Marketing Education

Total Hours: 124

| GEnErAL EDUCATION REQUIREMENTS: 44 Hours |  |  |
| :---: | :---: | :---: |
| Area | Hours | To be selected from: |
| English Composition \& Oral Communication | 9 | ENGL 1113 or 1313; \& 1213 or 1413 or <br> 3323. (See Academic Regulation 3.5 in <br> Catalog) SPCH 2713 |
| American History \& Government | 6 | HIST 1103, 1483 or 1493; and POLS 1113 |
| Analytical \& Quantitative Thought (A) | 6 | Any course designated (A). One course must be MATH prefix. |
| Humanities (H) | 6 | 6 hours designated (H). One course must be lower-division. |
| Natural Sciences (N) | 8 | 8 hours science ( N ) One course must have (L) |
| Social \& Behavioral Sciences (S) | 6 | PSYC 1113 and SOC 1113 |
| Diversity (D) | -- | Any course designated (D) |
| International Dimension (I) | 3 | Any course designated (I). CTED 4333 recommended. |
| Scientific Investigation (L) | -- | Any course designated (L). Students are encouraged to meet the requirement in their selection of $(\mathrm{N})$ course work. |
| College/DEPARTMENTAL REQUIREMENTS: 6 Hours |  |  |
| 6 hours of electives (5 hours may need to be foreign language) |  |  |



## Other Requirements:

60 hours must be completed at a senior college and must include 40 hours upper-division course work.
Required for graduation and recommendation for Licensure/Standard Certification: (1) 2.50 overall GPA; (2) 2.50 GPA in Major Requirements; and (3) 2.50 GPA in Professional Core Requirements. The student must earn minimum grades of " $C$ " or " $P$ " in each course in the Major Requirements and Professional Core Requirements and must earn grades of " $P$ " in all sections of observation courses and student teaching for recommendation for Licensure/Certification.

Students must demonstrate proficiency in a foreign language at the novice high level from among those languages identified by the Oklahoma Commission for Teacher Preparation.
Students will be held responsible for degree requirements in effect at the time of matriculation and any changes that are made, so long as these changes do not result in semester credit hours being added or do not delay graduation.

# General Requirements for Students Matriculating in Academic Year 2011-2012 

BACHELOR of SCIENCE
MAJOR: Career and Technical Education OPTION: Certification
Minimum Overall Grade Point Average: 2.50
Total Hours: 124 (cumulative graduation/retention GPA) Other GPA requirements see below.

| GENERAL EDUCATION REQUIREMENTS: 44 HOURS |  |  |
| :--- | :---: | :--- |
| Area | Hours | To be selected from: |
|  <br> Oral Communication | 9 | ENGL 1113 or 1313; \& 1213 or 1413 or <br> 3323. (See Academic Regulation 3.5 in Catalog) <br> SPCH 2713 |
| American History \& Government | 6 | HIST 1103, 1483 or 1493; and POLS 1113 |$|$| Analytical \& Quantitative Thought |
| :--- |
| (A) |
| CoLLEGE/DEPARTMENTAL REQUIREMENTS: 9 HoURS |

## Major Requirements: 45 Hours

Minimum GPA $\underline{2.50}$ with a minimum grade of " $C$ " or " $P$ " in each course.

Core Requirements (21 hours)

| CTED 4413 | CTED 4223 | CTED 4673 |
| :--- | :--- | :--- |
| CTED 4123 | CTED 4343 | CTED 4683 |
| CTED 4213 |  |  |

CTED 3000 ( 24 hours), successful completion of the NOCTI Exam (grade of "P"), or the transfer of approved technical work in a teaching area. (40 hours of the 124 total hours must be upper-division course work.)

## Professional Core Requirements: 26 Hours

## Minimum GPA $\underline{2.50}$ with a minimum grade of " $C$ ' or " $P$ " in each course.

| CTED | 3203 | EPSY | 3213 |
| :--- | :--- | :--- | :--- |
| CTED | 3903 | SCFD | 3223 |
| CTED | 4103 | SPED | 3202 |
| EDTC | 3123 or 4113 |  |  |

Full admission required: CTED 4470 (6 hours)

## Other Requirements:

60 hours must be completed at a senior college and must include 40 hours upper-division course work.
Required for graduation and recommendation for Licensure/Standard Certification: (1) 2.50 overall GPA; (2) 2.50 GPA in Major Requirements; and (3) 2.50 GPA in Professional Core Requirements. The student must earn minimum grades of " $C$ " or " $P$ " in each course in the Major Requirements and Professional Core Requirements and must earn grades of " $P$ " in all sections of observation courses and student teaching for recommendation for Licensure/Certification.
Students must demonstrate proficiency in a foreign language at the novice high level from among those languages identified by the Oklahoma Commission for Teacher Preparation.
Students will be held responsible for degree requirements in effect at the time of matriculation and any changes that are made, so long as these changes do not result in semester credit hours being added or do not delay graduation.

Signature on file in the Office of the Registrar

Signature on file in the Office of the Registrar

SCHOOL HEAD

General Requirements for Students Matriculating in Academic Year 2011-2012
BACHELOR of SCIENCE
MAJOR: Career and Technical Education OPTION: Non-Certification
Minimum Overall Grade Point Average: 2.00 Total Hours: 124
(cumulative graduation/retention GPA)
Other GPA requirements see below.

| GENERAL EDUCATION REQUIREMENTS: 44 HoURS |  |  |
| :--- | :---: | :--- |
| Area | Hours | To be selected from: |
|  <br> Oral Communication | 9 | ENGL 1113 or 1313; \& 1213 or 1413 or <br> $3323 . ~(S e e ~ A c a d e m i c ~ R e g u l a t i o n ~ 3.5 ~ i n ~ C a t a l o g) ~$ <br> SPCH 2713 |
| American History \& Government | 6 | HIST 1103, 1483 or 1493; and POLS 1113 |
| Analytical \& Quantitative Thought <br> (A) | 6 | Any course designated (A). <br> One course must be MATH prefix. |
| Humanities (H) | 6 | 6 hours designated (H). One course must <br> be lower-division. |
| Natural Sciences (N) | 8 | 8 hours science (N) <br> One course must have (L) |
| Social \& Behavioral Sciences (S) | 6 | PSYC 1113 and SOC 1113 |
| Diversity (D) | - | Any course designated (D) |

## Major Requirement: 80 Hours

Minimum GPA $\underline{2.00}$ with a minimum grade of " $C$ " or " $P$ " in each course.
Students must complete one of the following options:
Option 1
$\underline{26}$ hours of technical coursework selected in consultation with advisor (6 hrs. must be from a senior college: 1 hr . must be upper division)

12 hours must be earned through CTED 4010 (1-6 hrs.) and CTED 4110 (1-6 hrs.) focusing on technical education experience.

15 hours must be earned through CTED 2000, Field Experiences.

27 hours:
CTED 3203
CTED 421
CTED 4673
CTED 4103 CTED 4223 CTED 4683 CTED 4413 CTED 4343 EDTC 4113

Option 2
$\underline{26}$ hours of technical coursework selected in consultation with advisor. ( 6 hrs. must be from a senior college).
$\underline{3}$ hours must be earned through CTED 4010 (1-6 hrs.) and CTED 4110 (1-6 hrs.) focusing on technical education experience.
$\underline{24}$ hours of upper division coursework. CTED 3000 may be earned through successful passing of NOCTI examination or the holding of current recognized industrial credentials.

27 hours:

| CTED 3203 | CTED 4213 | CTED 4673 |
| :--- | :--- | :--- |
| CTED 4103 | CTED 4223 | CTED 4683 |

CTED 4113 ETED 4343 EDTC 4113

## Other Requirements:

60 hours must be completed at a senior college and must include 40 hours upper-division course work.
A 2.00 GPA with a minimum grade of " $C$ " or " $P$ " in each course is required in the Major Requirements.
Students will be held responsible for degree requirements in effect at the time of matriculation and any changes that are made, so long as these changes do not result in semester credit hours being added or do not delay graduation.

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SCHOOL HEAD

General Requirements for Students Matriculating in Academic Year 2011-2012
BACHELOR of SCIENCE
MAJOR: Career and Technical Education
OPTION: Technology Education
Minimum Overall Grade Point Average: 2.50
Total Hours: 124 (cumulative graduation/retention GPA)

Other GPA requirements see below.

| GEnERAL EDUCATION REQUIREMENTS: 44 HoURS |  |  |
| :---: | :---: | :---: |
| Area | Hours | To be selected from: |
| English Composition \& Oral Communication | 9 | ENGL 1113 or 1313; \& 1213 or 1413 or 3323. (See Academic Regulation 3.5 in Catalog) SPCH 2713 |
| American History \& Government | 6 | HIST 1103, 1483 or 1493; and POLS 1113 |
| Analytical \& Quantitative Thought (A) | 6 | MATH 1483 or 1513 STAT 2013 |
| Humanities (H) | 6 | 6 hours designated (H). One course must be lower-division. |
| Natural Sciences (N) | 8 | PHYS 1014 and CHEM 1314 |
| Social \& Behavioral Sciences (S) | 6 | PSYC 1113; and ECON 1113 or SOC 1113 |
| Diversity (D) | -- | Any course designated (D) |
| International Dimension (I) | 3 | Any course designated (I). CTED 4333 recommended. |
| Scientific Investigation (L) | -- | Any course designated (L). Students are encouraged to meet the requirement in their selection of $(\mathrm{N})$ course work. |
| College/Departmental Requirements: 4 Hours |  |  |
| 4 hours of electives (5 hours may need to be foreign language). |  |  |

## Major Requirement: 50 Hours

Minimum GPA $\underline{2.50}$ with a minimum grade of " $C$ " or " $P$ " in each course.
Core Requirements ( 15 hours)

| CTED 4413 | CTED 4343 |
| :--- | :--- |
| CTED 4123 | CTED 4683 |
| CTED 4213 |  |

CTED 4213

Technology courses (35 hours)
ENGR 1111
ENGR 1113
ENGR 1322
FIN 2123
GENT 1153
GENT 1223
HES 2111
IEM 2903
MSIS 2103
MET 1103
MET 1223
MCAG 3211
MCAG 3222
NREM 1214

## Professional Core Requirements: 26 Hours

Minimum GPA $\underline{2.50}$ with a minimum grade of " $C$ ' or "P" in each course.

| CTED 3203 | EDTC 3123 or 4113 | SCFD 3223 |
| :--- | :--- | :--- |
| CTED 3903 | EPSY 3213 | SPED 3202 |

CTED 4103

Full admission required: CTED 4470 (6 hours)

## Other Requirements:

60 hours must be completed at a senior college and must include 40 hours upper-division course work.
Required for graduation and recommendation for Licensure/Standard Certification: (1) 2.50 overall GPA; (2) 2.50 GPA in Major Requirements; and (3) 2.50 GPA in Professional Core Requirements. The student must earn minimum grades of " $C$ " or " $P$ " in each course in the Major Requirements and Professional Core Requirements and must earn grades of " $P$ " in all sections of observation courses and student teaching for recommendation for Licensure/Certification.
Students must demonstrate proficiency in a foreign language at the novice high level from among those languages identified by the Oklahoma Commission for Teacher Preparation.
Students will be held responsible for degree requirements in effect at the time of matriculation and any changes that are made, so long as these changes do not result in semester credit hours being added or do not delay graduation.

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SCHOOL HEAD
(cumulative graduation/retention GPA)

Other GPA requirements see below.


## Other Requirements:

60 hours must be completed at a senior college and must include 40 hours upper-division course work.
Required for graduation and recommendation for Licensure/Standard Certification: (1) 2.50 overall GPA; (2) 2.50 GPA in Major Requirements; and (3) 2.50 GPA in Professional Core Requirements. The student must earn minimum grades of " $C$ " or " $P$ " in each course in the Major Requirements and Professional Core Requirements and must earn grades of " $P$ " in all sections of observation courses and student teaching for recommendation for Licensure/Certification.
Students must demonstrate proficiency in a foreign language at the novice high level from among those languages identified by the Oklahoma Commission for Teacher Preparation. For clarification see OSU academic advisor.

Students will be held responsible for degree requirements in effect at the time of matriculation and any changes that are made, so long as these changes do not result in semester credit hours being added or do not delay graduation.

| GEnEral Education Requirements: 25 HoURS |  |  |
| :---: | :---: | :---: |
| Area | Hours | To be selected from: |
| English Composition \& Oral Communication | -- | 9 hours English Composition and oral communication are included in the Major Requirements. |
| American History \& Government | 6 | HIST 1103, 1483 or 1493; and POLS 1113 |
| Analytical \& Quantitative Thought (A) | 5 | MATH 1715 OR <br> MATH 1483, 1493, 1513, 1613 AND PHIL 1313 or 3003 |
| Humanities (H) | 3 | ART 1603 and 3 additional hours included in the Major Requirements. |
| Natural Sciences (N) | 8 | Courses designated (N) |
| Social \& Behavioral Sciences (S) | 3 | SOC 4383 (or 3133 in consultation with adviser), 3 hours are included in the Major Requirements. |
| Diversity (D) | -- | Any course designated (D) |
| International Dimension (I) | -- | Any course designated (I) included in the Major Requirements. |
| Scientific Investigation (L) | -- | Any course designated (L). Students are encouraged to meet the requirement in their selection of $(\mathrm{N})$ course work. |
| College/Departmental Requirements: 9 Hours |  |  |
| Minimum grade of " C " or " P " in each course. <br> CIED 4473 <br> EDUC 1111 <br> 5 hours electives: ( 5 hours may need to be foreign language) (6 hours upper division English recommended) |  |  |

## MAJOR REQUIREMENTS : 63 Hours

Minimum GPA $\underline{2.75}$ with a minimum grade of " $C$ " or " $P$ " in each course.

| ENGL | 1113 or 1313 |
| :--- | :--- |
| ENGL | 1213 or 1413 or 3323 (See Academic Regulation 3.5 in Catalog) |
| CIED | 4313 |
| EDUC | 4110 (3 hrs.) Teaching, Writing in the Secondary Schools |
| EDUC | 4110 (3 hrs.) Teaching Grammar in the Secondary Schools |
| ENGL | 2453 |
| ENGL | 2543 |
| ENGL | 2653 |
| ENGL | 2773 |
| ENGL | 2883 |
| ENGL | 3173 |
| ENGL | $3183,3190(3), 3193$, or 3813 |
| ENGL | 3203 |
| ENGL | 3243 or 3263 |
| ENGL | 4013 |
| ENGL | $4263,4450(3)$ or $4350(3)$ |
| ENGL | 4723 (or 3933 in consultation with adviser) |
| ENGL | 4310 (3) or $4320(3)$ |
| PHIL | 4113 or 4453 or any 4000 level ENGL course |
| SPCH | 2713 |

A ENGL 4000 level course in Literature before 1800

## Professional Core Requirements: 27 Hours

Minimum GPA $\underline{2.50}$ with a minimum grade of " $C$ ' or " $P$ " in each course.
CIED 3313 Fall Semester
*CIED 4713 (Fall Semester prior to Student Teaching)
EDTC 3123
EPSY 3213
SCFD 3223
SPED 3202
Student Teaching - Spring Semester only:
*CIED 4720 (6 hours), ${ }^{*}$ CIED 4724
*Full admission to Professional Education required.

## Other Requirements:

60 hours must be completed at a senior college and must include 40 hours upper-division course work.
Required for graduation and recommendation for Licensure/Standard Certification: (1) 2.50 overall GPA; (2) 2.75 GPA in Major Requirements; and (3) 2.50 GPA in Professional Core Requirements. The student must earn minimum grades of " $C$ " or " $P$ " in each course in the Major Requirements and Professional Core Requirements and must earn grades of " $P$ " in all sections of observation courses and student teaching for recommendation for Licensure/Certification.

Students must demonstrate proficiency in a foreign language at the novice high level from among those languages identified by the Oklahoma Commission for Teacher Preparation.
Students will be held responsible for degree requirements in effect at the time of matriculation and any changes that are made, so long as these changes do not result in semester credit hours being added or do not delay graduation.
*10 hours in one foreign language is recommended for teaching emphasis area and for double major.

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General Requirements for Students Matriculating in Academic Year 2011-2012
BACHELOR of SCIENCE
MAJOR: Secondary Education OPTION: Foreign Language
Minimum Overall Grade Point Average: 2.50
Total Hours: 124
(cumulative graduation/retention GPA)
Other GPA requirements see below.

| GENERAL EDUCATION REQUIREMENTS: 40 Hours |  |  |
| :---: | :---: | :---: |
| Area | Hours | To be selected from: |
| English Composition \& Oral Communication | 9 | ENGL 1113 or 1313; \& 1213 or 1413 or 3323 (see Academic Regulation 3.5 in Catalog) SPCH 2713 |
| American History \& Government | 6 | HIST 1103, 1483 or 1493; and POLS 1113 |
| Analytical \& Quantitative Thought (A) | 5 | MATH 1483, 1493, 1513, 1613, 1715 or STAT 2013 |
| Humanities (H) | 6 | 6 hours any (H) designated courses. One course must be lower-division. |
| Natural Sciences (N) | 8 | Biological Science - suggested: BIOL 1114 and <br> Physical Science - suggested: ASTR 1014, CHEM 1014, GEOG 1114, GEOL 1014 or PHYS 1014 |
| Social \& Behavioral Sciences (S) | 6 | PSYC 1113; and 3 additional hours designated (S). Recommended: SOC 3133 |
| Diversity (D) | -- | Any course designated (D) |
| International Dimension (I) | -- | Any course designated (I) <br> Recommended: SCFD 4913 or GEOG 1113 |
| Scientific Investigation (L) | -- | Any course designated (L). Students are encouraged to meet the requirement in their selection of $(\mathrm{N})$ course work. |
| College/Departmental Requirements: 12 Hours |  |  |
| Minimum grade of " C " or " P " in ea <br> Required: ENGL 2443 and PHIL <br> Recommended: <br> CIED 4473 <br> EPSY <br> EDUC 1111 <br> CPSY 4443 | rse. | $\begin{aligned} & \text { POLS } 3143 \\ & \text { POLS } 3193 \\ & \text { SPCH } 4753 \end{aligned}$ |

## Major Requirements: 40 Hours

Minimum GPA $\underline{2.50}$ with a minimum grade of " $C$ " or " $P$ " in each course.

Other Language Electives: upper or lower division ( 5 hrs . may be from any language)
French - 19 hours, German - 19 hours, Spanish - 19 hours
Major Language Core: 12 Hours
French: Advanced Language 3203 and 3213
Advanced Diction 3463
Civilization and Culture 4333
German: Advanced Language 3803 and 3813
Advanced Diction 3463
Civilization and Culture 3333 or 4333
Spanish: Advanced Language 3203 and 3213
Advanced Diction 3463
Civilization and Culture 4323 or 4333
Upper-division Electives (2 courses must be literature)
French - 9 hours: $3073,3853,4153,4163,4173,4183,4550$ (1-3 hours), 4573 5110 (1-3 hours)

German - 9 hours: $3333,4153,4163,4333,4513,4523,4543,4550$ (1-3 hours)
Spanish - 9 hours: $3013,3023,3033,4123,4133,4163,4173,4223,4253,4263$, 4323, 4333, 4413 (recommended), 4550 ( $1-3$ hours), 5110 (1-3 hours)

## Professional Core Requirements : 32 Hours

Minimum GPA $\underline{2.50}$ with a minimum grade of " $C$ ' or " $P$ " in each course.
CIED 3313 Fall Semester
CIED 4263 Spring Semester
*CIED 4713 Fall Semester prior to Student Teaching
EDTC 3123
EPSY 3413
SCFD 3223
SPED 3202
Student Teaching - Spring Semester only:
*CIED 4450 (4 hours) *CIED 4720 (4 hours) *CIED 4734

* Full admission to Professional Education required.


## Other Requirements: <br> 60 hours must be completed at a senior college and must include 40 hours upper-division course work.

Required for graduation and recommendation for Licensure/Standard Certification: (1) 2.50 overall GPA; (2) 2.50 GPA in Major Requirements; and (3) 2.50 GPA in Professional Core Requirements. The student must earn minimum grades of " $C$ " or " $P$ " in each course in the Major Requirements and Professional Core Requirements and must earn grades of " $P$ " in all sections of observation courses and student teaching for recommendation for Licensure/Certification.

Students seeking licensure should demonstrate, in an official Oral Proficiency Interview, oral proficiency in their target foreign language at the advanced-low level.
Students will be held responsible for degree requirements in effect at the time of matriculation and any changes that are made, so long as these changes do not result in semester credit hours being added or do not delav araduation.

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SCHOOL HEAD

General Requirements for Students Matriculating in Academic Year 2011-2012
BACHELOR of SCIENCE
MAJOR: Secondary Education OPTION: Mathematics
Minimum Overall Grade Point Average: 2.50
Total Hours: 124 (cumulative graduation/retention GPA)

Other GPA requirements see below.

| General Education Requirement: 38 Hours |  |  |
| :---: | :---: | :---: |
| Area | Hours | To be selected from: |
| English Composition \& Oral Communication | 9 | ENGL 1113 or 1313; \& 1213 or 1413 or 3323 (see Academic Regulation 3.5 in Catalog) SPCH 2713 |
| American History \& Government | 6 | HIST 1103, 1483 or 1493; and POLS 1113 |
| Analytical \& Quantitative Thought (A) | -- | MATH 2144 is included in the Major Requirements. |
| Humanities (H) | 6 | 6 hours any (H) designated courses. One course must be lower-division. |
| Natural Sciences (N) | 8 | Biological science - suggested: BIOL 1114 Physical science - PHYS 1114, 1214, 2014 or 2114 |
| Social \& Behavioral Sciences (S) | 6 | PSYC 1113; and ECON 1113 or SOC 1113 |
| Diversity (D) | -- | Any course designated (D) |
| International Dimension (I) | 3 | Any course designated (I) Recommended: SCFD 4913 |
| Scientific Investigation (L) | -- | Any course designated (L). Students are encouraged to meet the requirement in their selection of $(\mathrm{N})$ course work. |
| College/Departmental Requirement: 10 Hours |  |  |
| Minimum grade of " $C$ " or " $P$ " in each course. <br> Required: EDUC 1111 <br> Electives: 9 hours (5 hours may need to be Foreign Language) |  |  |

## MAJOR Requirements: 43 Hours

Minimum GPA $\underline{2.50}$ with a minimum grade of " $C$ " or " $P$ " in each course.
Calculus, abstract algebra, geometry

| MATH 2144 | MATH 2163 | MATH 4403 |
| :--- | :--- | :--- |
| MATH 2153 | MATH 3613 |  |

Differential equations, linear algebra, modern analysis, combinatorial math, number theory, financial mathematics.

MATH 2233 MATH 4663 MATH 4713
MATH 3013 MATH 4013, or 4023, or 4233, or 4453
History and Mathematical Modeling
MATH 4033 and 4583
Statistical Methods
STAT 4013 or 4023
Computing Science
CS 1103 or CS 1113

## Professional Core Requirements: 33 Hours

Minimum GPA $\underline{2.50}$ with a minimum grade of " $C$ " or " $P$ " in each course.
CIED 3313 Fall Semester
*CIED 4003 (Spring)
*CIED 4053 (Fall)
EDTC 3123
EPSY 3213
SCFD 3223
SPED 3202

Student Teaching - Spring Semester only
*CIED 4720 ( 9 hours) *CIED 4724
*Full admission to Professional Education required.

## Other Requirements:

60 hours must be completed at a senior college and must include 40 hours upper-division course work.
Required for graduation and recommendation for Licensure/Standard Certification: (1) 2.50 overall GPA; (2) 2.50 GPA in Major Requirements; and (3) 2.50 GPA in Professional Core Requirements. The student must earn minimum grades of " $C$ " or " $P$ " in each course in the Major Requirements and Professional Core Requirements and must earn grades of " $P$ " in all sections of observation courses and student teaching for recommendation for Licensure/Certification.

Students must demonstrate proficiency in a foreign language at the novice high level from among those languages identified by the Oklahoma Commission for Teacher Preparation.
Students will be held responsible for degree requirements in effect at the time of matriculation and any changes that are made, so long as these changes do not result in semester credit hours being added or do not delay graduation.

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SCHOOL HEAD

General Requirements for Students Matriculating in Academic Year 2011-2012
BACHELOR of SCIENCE
MAJOR: Secondary Education OPTION: Science
Minimum Overall Grade Point Average: 2.50
Total Hours: 124 (cumulative graduation/retention GPA)

Other GPA requirements see below.

| GENERAL EDUCATION REQUIREMENTS: 27 Hours |  |  |
| :---: | :---: | :---: |
| Area | Hours | To be selected from: |
| English Composition \& Oral Communication | 9 | ENGL 1113 or 1313; \& 1213 or 1413 or 3323 (see Academic Regulation 3.5 in Catalog) SPCH 2713 |
| American History \& Government | 6 | HIST 1103, 1483 or 1493; and POLS 1113 |
| Analytical \& Quantitative Thought (A) | -- | 5 hours of (A) designated courses are included in the Major Requirements. |
| Humanities (H) | 6 | 6 hours any (H) designated courses. One course must be lower-division. |
| Natural Sciences (N) | -- | 8 hours ( N ) designated courses are included in the Major Requirements. |
| Social \& Behavioral Sciences (S) | 6 | PSYC 1113; and 3 hours of ( S ) designated course work |
| Diversity (D) | -- | Any course designated (D) |
| International Dimension (I) | -- | Any course designated (I) |
| Scientific Investigation (L) | -- | At least one course designated (L) is included in the major requirements. |
| College/Departmental Requirement: 10 Hours |  |  |
| Minimum grade of " $C$ " or " $P$ " in each course. <br> Required: EDUC 1111 and <br> 3 hours controlled electives from: <br> PHIL 3933, 4713, 4733, <br> 6 hours electives: ( 5 hours may need to be foreign language) |  |  |

## Major Requirements: 57 Hours

Minimum GPA $\underline{2.50}$ with a minimum grade of " $C$ " or " $P$ " in each course.

## Select One Area:

Biology: BIOL 1114, 3023 or ANSI 3423, 3034, BOT 1404, CHEM 1215, 1225, MICR 3033, GEOL 1114 or 1224, MATH 1715 and STAT 2013, MICR 2123, 2132, PHYS 1014, or 1114 or 1313 and 1 hour elective, ZOOL 1604 and 2104 or 3204

Chemistry: BIOL 1114, CHEM 1314, 1515, 2113, 2122, 3053, 3112, 3153, 3353, GEOL 1114, MATH 1715, PHYS 1114, 1214, STAT 2013; Science electives (8 hours)

Earth/Space Science: ASTR 1014 and 1024, BIOL 1114, CHEM 1314, 1515, GEOG 3023 or 3033, GEOL 1114, 1224, 2254, 3103, 4213, MATH 1715, 2144, PHYS 1313 or 2014, Science electives (2-3 hours)

Physical Science: ASTR 1014 or 1024, BIOL 1114, CHEM 1215, 1225, 3015, GEOG 3023 or 3033 , GEOL 1114, 1224, 3014 or 3034 , MATH 1715, 2144 , PHYS 2014, 2114. Science electives (2 hours)

Physics: BIOL 1114, CHEM 1215, 1225, GEOL 1114 or 1224, MATH 2144, 2153, 2163, 2233, PHYS 2014, 2114, 3013, 3113, 3213, 3513, Science electives ( 6 hours)

## Professional Core Requirements: 30 Hours

## Minimum GPA $\underline{2.50}$ with a minimum grade of " $C$ " or " $P$ " in each course.

CIED 3313 (Fall Semester)
*CIED 4713 (Fall Semester prior to Student Teaching)
EDTC 3123
EPSY 3213
SCFD 3223
SPED 3202
Student Teaching - Spring Semester only
*CIED 4720 (9 hours) *CIED 4724
*Full admission to Professional Education required.

Other Requirements:
60 hours must be completed at a senior college and must include 40 hours upper-division course work.
Required for graduation and recommendation for Licensure/Standard Certification: (1) 2.50 overall GPA; (2) 2.50 GPA in Major Requirements; and (3) 2.50 GPA in Professional Core Requirements. The student must earn minimum grades of " $C$ " or " $P$ " in each course in the Major Requirements and Professional Core Requirements and must earn grades of " $P$ " in all sections of observation courses and student teaching for recommendation for Licensure/Certification.
Students must demonstrate proficiency in a foreign language at the novice high level from among those languages identified by the Oklahoma Commission for Teacher Preparation.
Students will be held responsible for degree requirements in effect at the time of matriculation and any changes that are made, so long as these changes do not result in semester credit hours being added or do not delay graduation.
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## OPTION: Social Studies

Minimum Overall Grade Point Average: 2.50

## Total Hours: 124

 (cumulative graduation/retention GPA)Other GPA requirements see below.

| General Edducation Requirements: 22 Hours |  |  |
| :---: | :---: | :---: |
| Area | Hours | To be selected from: |
|  <br> Oral Communication | 9 | ENGL 1113 or 1313 ; \& 1213 or 1413 or 3323 (see Academic Regulation 3.5 in Catalog) SPCH 2713 |
| American History \& Government | -- | 3 hours American History and 3 hours POLS are included in Major Requirements |
| Analytical \& Quantitative Thought (A) | 5 | MATH 1483, 1493, 1513, 1613, 1715 or STAT 2013 |
| Humanities (H) | -- | 6 hours any (H) designated courses. Hours are included in the Major Requirements. |
| Natural Sciences ( N ) | 8 | 8 hours designated ( N ) |
| Social \& Behavioral Sciences (S) | -- | Hours are included in the Major Requirements |
| Diversity (D) | -- | Any course designated (D) |
| International Dimension (1) | -- | Any course designated (I) Recommended: upper division course |
| Scientific Investigation (L) | -- | Any course designated (L). Students are encouraged to meet the requirement in their selection of ( N ) course work. |
| College/Departmental Requirements: 15 Hours |  |  |
| Minimum grade of " C " or "P" in each course. |  |  |
| Required: EDUC 1111 and RMTR 2443 |  |  |
| 11 hours elective (5 hours may need to be foreign language |  |  |
| Recommended: CIED 4473 and CIED 5720 "Non - Violent Crisis Intervention" |  |  |

## Major Requirements: 57 Hours

Minimum GPA 2.50 with a minimum grade of "C" in each course.
Economics: 6 hours (suggested: ECON 1113 \& 3823)
Cultural Geography: GEOG 1113
Government: 9 hours (POLS 1113 required; suggested: 2113, 3043)
Oklahoma History: HIST 2323
Psychology: PSYC 1113
Sociology: SOC 1113
U.S. American History: 12 hours: HIST 1483; 1493 and 6 upper-division hours of HIST
(suggested: 3 hours from HIST $3613,3623,3653,3663,3673,3683$ or 4513 )
World History: 6 hours required: HIST 1613, 1623
Choose one of the following areas:
World History and Geography:
3 hours upper-division World History (suggested: HIST 3403, 3453, 3483 or 3503)
3 hours Non-Western History - (suggested: HIST 1713)
6 hours Cultural Geography: GEOG 2253 and 3 hours upper division
(suggested: GEOG 3123, 3163, or 3713)
OR
Sociology/Psychology
6 hours Sociology: 3 hours must be upper-division
(suggested: SOC 3133, 3213, 4383)
6 hours Psychology: 3 hours must be upper-division (suggested: PSYC 3013, 3113)

## Professional Core Requirements: 30 Hours

Minimum GPA 2.50 with a minimum grade of " $C$ ' or " $P$ " in each course.
CIED 3313
*CIED 4713 (Semester prior to Student Teaching)
EDTC 3123 SCFD 3223
EPSY 3213 SPED 3202
Student Teaching - Spring Semester only
*CIED 4720 (9 hours) *CIED 4724
*Full admission to Professional Education required.

## Other Requirements:

60 hours must be completed at a senior college and must include 40 hours upper-division course work.
Required for graduation and recommendation for Licensure/Standard Certification: (1) 2.50 overall GPA; (2) 2.50 GPA in Major Requirements; and (3) 2.50 GPA in Professional Core Requirements. The student must earn minimum grades of " C " or " P " in each course in the Major Requirements and Professional Core Requirements and must earn grades of " P " in all sections of observation courses and student teaching for recommendation for Licensure/Certification.
Students must demonstrate proficiency in a foreign language at the novice high level from among those languages identified by the Oklahoma Commission for Teacher Preparation.
Students will be held responsible for degree requirements in effect at the time of matriculation and any changes that are made, so long as these changes do not result in semester credit hours being added or do not delay graduation.

For teacher certification, students must successfully complete OSAT (017), "U.S. History/OK History/Government/Economics". Students may also take OSAT (018), World History/Geography" and/or OSAT (032) "Psychology/Sociology" to add additional certification areas.

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SCHOOL HEAD

# College of Engineering, Architecture and Technology 

Bachelor of Science in Aerospace Engineering
EN-1 - Aerospace Engineering
Bachelor of Science in Biosystems Engineering
EN-2 - Biosystems Engineering - Biomechanical
EN-3 - Biosystems Engineering - Bioprocessing and Biotechnology
EN-4 - Biosystems Engineering - Environment and Natural Resources
EN-5 - Biosystems Engineering - Food Processing
Bachelor of Science in Chemical Engineering
EN-6 - Chemical Engineering
EN-7 - Chemical Engineering - Biomedical / Biochemical
EN-8 - Chemical Engineering - Environmental
EN-9 - Chemical Engineering - Pre-Medical
Bachelor of Science in Civil Engineering
EN-10 - Civil Engineering
EN-11 - Civil Engineering - Environmental
Bachelor of Science in Computer Engineering
EN-12 - Computer Engineering
Bachelor of Science in Electrical Engineering
EN-13 - Electrical Engineering
Bachelor of Science in Industrial Engineering and Management
EN-14 - Industrial Engineering and Management
Bachelor of Science in Mechanical Engineering
EN-15 - Mechanical Engineering
EN-16 - Mechanical Engineering - Pre-Medical
Bachelor of Architecture
EN-17 - Architecture
EN-19 - Construction Management Technology - Building
EN-20 - Construction Management Technology - Heavy
EN-21 - Electrical Engineering Technology
EN-22 - Electrical Engineering Technology - Computer
EN-23 - Electrical Engineering Technology - Telecommunications - Architectural Engineering - Structures
EN-24 - Fire Protection and Safety Technology
EN-25 - Mechanical Engineering Technology
EN Architectural Engineering
EN

BACHELOR of SCIENCE in AEROSPACE ENGINEERING
MAJOR: Aerospace Engineering
Minimum Overall Grade Point Average: 2.00
Total Hours: 127
(cumulative graduation/retention GPA)
Other GPA requirements see below.

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COLLEGE OF ENGINEERING, ARCHITECTURE \& TECHNOLOGY
OKLAHOMA STATE UNIVERSITY

General Requirements for Students Matriculating in Academic Year 2011-2012
BACHELOR of SCIENCE in BIOSYSTEMS ENGINEERING
MAJOR: Biosystems Engineering OPTION: Biomechanical
Minimum Overall Grade Point Average: $\mathbf{2 . 0 0}$
Total Hours: 133
(cumulative graduation/retention GPA)
Other GPA requirements see below.


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BACHELOR of SCIENCE in BIOSYSTEMS ENGINEERING
MAJOR: Biosystems Engineering OPTION: Bioprocessing \& Biotechnology
Minimum Overall Grade Point Average: 2.00
Total Hours: 133
(cumulative graduation/retention GPA)
Other GPA requirements see below.

| GENERAL EDUCATION REQUIREMENTS: 38 Hours |  |  | MAJOR REQUIREMENTS: 68 HoURS |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: |
| Area | Hours | To be selected from: | Common Professional School: 46 Hours |  |  |
| Underlined courses below are Pre-Engineering requirements used simultaneously to meet General Education requirements. |  |  | Mathematics | 3 | STAT 2013, 2023, or 2053 |
| English Composition \& Oral Communication | 6 | ENGL 1113 or 1313,1213 or 1413. | Engineering Science | 3 | ENSC 3233 |
| American History \& Government | 6 | HIST 1103; POLS 1113 | Basic Science | 4 | BIOL 1114 |
| Analytical \& Quantitative Thought (A) | 13 | MATH 2144, 2153, 2163, 2233 | Engineering Economics | 3 | IEM 3503 |
| Humanities (H) | 6 | Any course designated (H) at OSU. Consult the college \& departmental requirements. | Biosystems Engineering |  | $3113,3213,3313,4001,4012,4023$ |
| Natural Sciences (N) | 4 | CHEM 1414 | Social \& Behavioral Sciences (S) | 3 | Any course designated (S) at OSU. Consult the college \& departmental |
| Social \& Behavioral Sciences (S) | 3 | Any course designated (S) at OSU. Consult the college \& departmental requirements. |  |  | requirements. |
| Diversity (D) | -- | Any courses designated (D). Students are encouraged to meet the requirement in their selection of $(H)$ or $(S)$ course work. | Specific Option <br> Admitted to the Professional Scho | of B | uirements: 22 Hours <br> ystems Engineering. |
| International Dimension (I) | -- | Any course designated (I). Students are encouraged to meet the requirement in their selection of $(\mathrm{H})$ or (S) course work. | (See Professional School admis <br> Biosystems Engineering | $3$ | ments in the Catalog.) <br> BAE 4283 |
| Scientific Investigation (L) | -- | Any course designated (L). Normally met by Natural Sciences and/or Basic Science requirements. | Microbiology <br> Organic Chemistry | 5 <br> 3 | MICR 2123, 2132 <br> CHEM 3053 |
| College/Departmental Requirements Pre-Engineering: 27 Hours |  |  | Biochemistry <br> Biochemistry Lab | 3 3 | $\begin{aligned} & \text { BIOC } 3653 \\ & \text { BIOC } 3723 \end{aligned}$ |
| Basic Science | 8 | PHYS 2014, 2114 | Controlled Electives | 5 | Engineering and/or science electives to be |
| Engineering | 4 | ENGR 1322, 1412 |  |  | selected from an approved list upon consultation with an adviser. |
| Engineering Science | 15 | ENSC 2113, 2123, 2143, 2213, 2613 |  |  |  |
| Admission to professional school is required. Please refer to the OSU Catalog corresponding to your matriculation date for detailed admission requirements. <br> A student must complete course work at OSU satisfying academic regulation 7.2. <br> A student must complete at least 60 credit hours at a senior college. <br> A 2.00 GPA is required in all course work listed in the right hand column above. <br> A "C" or better is required in each course that is a prerequisite to BAE courses. |  |  |  |  |  |


| General Education Requirements: 38 Hours |  |  | MAJOR REQUIREMENTS: 71 Hours |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: |
| Area | Hours | To be selected from: | COMMON PROFESSIONAL SCHOOL: 46 HOURS |  |  |
| Underlined courses below are Pre-Engineering requirements used simultaneously to meet General Education requirements. |  |  | Mathematics | 3 | STAT 2013, 2023, or 2053 |
| English Composition \& Oral Communication | 6 | ENGL 1113 or 1313,1213 or 1413. | Engineering Science | 3 | ENSC 3233 |
| American History \& Government | 6 | HIST 1103; POLS 1113 | Basic Science |  | BIOL 1114 |
| Analytical \& Quantitative Thought (A) | 13 | MATH 2144, 2153, 2163, 2233 | Engineering Economics | 3 | IEM 3503 |
| Humanities (H) | 6 | Any course designated (H) at OSU. Consult the college \& departmental requirements. |  | 3 | $3113,3213,3313,4001,4012,4023$ |
| Natural Sciences (N) | 4 | CHEM 1414 | Social \& Behavioral Sciences (S) | 3 | Any course designated (S) at OSU. <br> Consult the college \& departmental |
| Social \& Behavioral Sciences (S) | 3 | Any course designated (S) at OSU. Consult the college \& departmental requirements. |  |  | requirements. |
| Diversity (D) | -- | Any courses designated (D). Students are encouraged to meet the requirement in their selection of $(\mathrm{H})$ or $(\mathrm{S})$ course work. |  |  |  |
| International Dimension (I) | -- | Any course designated (I). Students are encouraged to meet the requirement in their selection of $(\mathrm{H})$ or $(\mathrm{S})$ course work. | SPECIFIC OPTION REQUIREMENTS: 25 HOURSAdmitted to the Professional School of Biosystems Engineering.(See Professional School admission requirements in the Catalog.) |  |  |
| Scientific Investigation (L) | -- | Any course designated (L). Normally met by Natural Sciences and/or Basic Science requirements. | Biosystems Engineering <br> Soil Science | $\begin{aligned} & 3 \\ & 4 \end{aligned}$ | BAE 4313 $\text { SOIL } \underline{2124}$ |
| College/Departmental Requirements Pre-Engineering: 24 Hours |  |  | Ecology | $4$ | $\text { BIOL } 3034$ |
| Basic Science | 8 | PHYS 2014, 2114 | Organic Chemistry | $3$ | CHEM 3053 |
| Engineering | 4 | ENGR 1322, 1412 | Controlled Electives | 11 | Engineering and/or science electives to be selected from an approved list upon |
| Engineering Science | 12 | ENSC 2113, 2143, 2213, 2613 |  |  | consultation with an adviser. |
| Other Requirements: <br> Admission to professional school is required. Please refer to the OSU Catalog corresponding to your matriculation date for detailed admission requirements. <br> A student must complete course work at OSU satisfying academic regulation 7.2. <br> A student must complete at least 60 credit hours at a senior college. <br> A 2.00 GPA is required in all course work listed in the right hand column above. <br> A " $C$ " or better is required in each course that is a prerequisite to BAE courses. <br> Students will be held responsible for degree requirements in effect at the time of matriculation and any changes that are made, so long as these changes do not result in semester credit hours being added or do not delay graduation. |  |  |  |  |  |


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| DEAN |

Minimum Overall Grade Point Average: 2.00
(cumulative graduation/retention GPA)
Other GPA requirements see below.

| GEnEral Education Requirements: 38 HoUrS |  |  | MAJOR REQUIREMENTS: 68 Hours |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: |
| Area | Hours | To be selected from: | COMMON PROFESSIONAL SCHOOL: 46 HOURS |  |  |
| Underlined courses below are Pre-Engineering requirements used simultaneously to meet General Education requirements. |  |  | Mathematics | 3 | STAT 2013, 2023, or 2053 |
| English Composition \& Oral Communication | 6 | ENGL 1113 or 1313 and 1213 or 1413. | Engineering Science | 3 | ENSC 3233 |
| American History \& Government | 6 | HIST 1103; POLS 1113 | Basic Science | 4 | BIOL 1114 |
| Analytical \& Quantitative Thought (A) | 13 | MATH 2144, 2153, 2163, 2233 | Engineering Economics | 3 | IEM 3503 |
| Humanities (H) | 6 | Any course designated $(\mathrm{H})$ at OSU. Consult the college \& departmental requirements. |  |  | $3113,3213,3313,4001,4012,4023$ |
| Natural Sciences (N) | 4 | CHEM 1414 | Social \& Behavioral Sciences (S) | 3 | Any course designated (S) at OSU. <br> Consult the college \& departmental |
| Social \& Behavioral Sciences (S) | 3 | Any course designated ( S ) at OSU. Consult the college \& departmental requirements. |  |  | requirements. |
| Diversity (D) | -- | Any courses designated (D). Students are encouraged to meet the requirement in their selection of $(\mathrm{H})$ or (S) course work. |  |  |  |
| International Dimension (I) | -- | Any course designated (I). Students are encouraged to meet the requirement in their selection of $(\mathrm{H})$ or (S) course work. | Specific Option Requirements: 22 Hours <br> Admitted to the Professional School of Biosystems Engineering. <br> (See Professional School admission requirements in the Catalog.) |  |  |
| Scientific Investigation (L) | -- | Any course designated (L). Normally met by Natural Sciences and/or Basic Science requirements. | Biosystems Engineering | $3$ | BAE 4413 |
| College/Departmental Requirements Pre-Engineering: 27 Hours |  |  | Microbiology <br> Controlled Electives | $5$ | MICR 2123, 2132 |
| Basic Science | 8 | PHYS 2014, 2114 |  | 11 | Engineering and/or science electives to be selected from an approved list upon consultation with an adviser. |
| Engineering | 4 | ENGR 1322, 1412 |  |  |  |
| Engineering Science | 15 | ENSC 2113, 2123, 2143, 2213, 2613 |  |  |  |
| Admission to professional school is required. Please refer to the OSU Catalog corresponding to your matriculation date for detailed admission requirements. <br> A student must complete course work at OSU satisfying academic regulation 7.2. <br> A student must complete at least 60 credit hours at a senior college. <br> A 2.00 GPA is required in all course work listed in the right hand column above. <br> A "C" or better is required in each course that is a prerequisite to BAE courses. |  |  |  |  |  |

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| General Education Requirements: 39 Hours |  |  |
| :---: | :---: | :---: |
| Area | Hours | To be selected from: |
| Underlined courses below are Pre-Engineering requirements used simultaneously to meet General Education requirements. |  |  |
| English Composition \& Oral Communication | 6 | ENGL 1113 or 1313, 1213 or 1413, 3323. <br> (See Academic Regulation 3.5) |
| American History \& Government | 6 | HIST 1103; POLS 1113 |
| Analytical \& Quantitative Thought (A) | 13 | MATH $\underline{2144}, \underline{2153}, 2163,2233$ or 3263 |
| Humanities (H) | 6 | Courses designated ( H ) at OSU. Consult the college \& departmental requirements. |
| Natural Sciences ( N ) | 5 | CHEM 1515 |
| Social \& Behavioral Sciences (S) | 3 | Courses designated (S) at OSU. Consult the college \& departmental requirements. |
| Diversity (D) | -- | Courses designated (D). Students are encouraged to meet the requirement in their selection of $(H)$ or $(S)$ course work. |
| International Dimension (I) | -- | Courses designated (I). Students are encouraged to meet the requirement in their selection of (H) or (S) course work. |
| Scientific Investigation (L) | -- | Courses designated (L). Normally met by Natural Sciences and/or Basic Science requirements. |


| MAJOR REQUIREMENTS: 66 HourS |  |  |
| :---: | :---: | :---: |
| Common Professional School: 15 Hours |  |  |
| Mathematics | 3 | STAT 2013, 2023, 2053, 4013, 4033, 4053 or 4073 |
| Engineering Science | 6 | ENSC 3233, 3313 |
| Advanced Chemical Science | 3 | From: ANSI 3423, BIOC 3653, 3723, 4113; BIOL 3023, CHEM 3353, 3553, 4020, FDSC 3373, 4473; GEOL 4403, MICR 3033 or similar advanced chemical transformation of matter courses approved by school advisers. |
| Social \& Behavioral Sciences (S) | 3 | Courses designated (S) at OSU. Consult the college \& departmental requirements. |

## Specific Professional School Requirements: 45 Hours

Admitted to the Professional School of Chemical Engineering.
(See Professional School admission requirements in the Catalog.)

CHE | 2033 | 4002 | CHEM | 3053 |  |
| :---: | :---: | :---: | :---: | :--- |
|  | 3013 | 4112 |  | $3112^{*}$ |
|  | 3113 | 4124 |  | $3153^{*}$ |
|  | 3123 | 4224 |  | 3433 |
|  | 3333 | 4581 |  |  |
|  | 3473 | 4843 |  |  |

* The combination of BIOC 3653 and 3723 may be substituted for the combination of CHEM 3112 and 3153.


## Controlled Electives: 6 Hours

6 credits restricted electives. See school policy and approved course list. CHE adviser must approve.

[^14]

General Requirements for Students Matriculating in Academic Year 2011-2012
BACHELOR of SCIENCE in CHEMICAL ENGINEERING
MAJOR: Chemical Engineering OPTION: Environmental
Minimum Overall Grade Point Average: 2.00
Total Hours: 133 (cumulative graduation/retention GPA)

Other GPA requirements see below.


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BACHELOR of SCIENCE in CHEMICAL ENGINEERING
MAJOR: Chemical Engineering OPTION: Pre-medical
Minimum Overall Grade Point Average: 2.00
Total Hours: 135 (cumulative graduation/retention GPA)

Other GPA requirements see below.

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| GENERAL EDUCATION REQUIREMENTS: 38 Hours |  |  |
| :---: | :---: | :---: |
| Area | Hours | To be selected from: |
| Underlined courses below are Pre-Engineering requirements used simultaneously to meet General Education requirements. |  |  |
| English Composition \& Oral Communication | 6 | ENGL 1113 or 1313,1213 or $1413,3323$. <br> (Total hours for degree is based on substitution of 3323 for 1213 as per Academic Regulation 3.5) |
| American History \& Government | 6 | HIST 1103; POLS 1113 |
| Analytical \& Quantitative Thought (A) | 13 | MATH 2144, 2153, 2163, 2233 |
| Humanities (H) | 6 | Courses designated (H) at OSU. |
| Natural Sciences (N) | 4 | CHEM 1414 |
| Social \& Behavioral Sciences (S) | 3 | Any course designated (S) at OSU. |
| Diversity (D) | -- | Any course designated (D). Students are encouraged to meet the requirement in their selection of $(\mathrm{H})$ or (S) course work. |
| International Dimension (I) | -- | Any course designated (I). Students are encouraged to meet the requirement in their selection of $(\mathrm{H})$ or (S) course work. |
| Scientific Investigation (L) | -- | Any course designated (L). Normally met by Natural Sciences and/or Basic Science requirements. |
| College/Departmental Requirements Pre-Engineering: 28 Hours |  |  |
| Basic Science | 8 | PHYS 2014, 2114 |
| Engineering | 5 | ENGR 1111, 1322, 1412 |
| Engineering Science | 15 | ENSC 2113, 2123, 2143, 2213, 2613 |

\begin{tabular}{|c|c|c|}
\hline \multicolumn{3}{|r|}{Major Requirements: 70 Hours} \\
\hline \multicolumn{3}{|l|}{Common Professional School: 15 Hours} \\
\hline \begin{tabular}{l}
Mathematics Engineering Science Basic Science Group I \\
Basic Science Group II \\
Social \& Behavioral Sciences (S)
\end{tabular} \& 3
3
3

3 \& | STAT 4073 |
| :--- |
| ENSC 3233 |
| BIOL 1114 |
| GEOG 2343 |
| GEOL 1114,4453 |
| SOIL 2124 |
| May take one of the following OR |
| another from Group I: |
| CHEM 2113, 3053 |
| PHYS 3013, 3313, 3513 |
| MATH 3013, 4013, 4233 |
| SPCH 2713 | <br>

\hline | Specific Profession |
| :--- |
| Admitted to the Professional Scho (See Professional School admissi | \& | Sc |
| :--- |
| of C |
| requ | \& | Requirements: 46 Hours |
| :--- |
| neering. |
| s in the Catalog.) |
| 3813 |
| 3513 |
| 3523 |
| 3614 |
| 3623 |
| 3633 |
| 3714 | <br>


\hline \multicolumn{3}{|l|}{| Controlled Electives: 9 Hours |
| :--- |
| 9 semester hours of 4000- or 5000-level courses in Civil Engineering not required in the curriculum. |} <br>


\hline \multicolumn{3}{|l|}{| your matriculation date for detailed admission requirements. |
| :--- |
| 043 or 4143 or 5373 or 5383. |
| any changes that are made, so long as these changes do not result in semester credit |} <br>

\hline
\end{tabular}

Other Requirements:
Admission to professional school is required. Please refer to the OSU Catalog corresponding to your matriculation date for detailed admission requirements.
A student must complete course work at OSU satisfying academic regulation 7.2.
A student must complete at least 60 credit hours at a senior college.
$A$ " $C$ " or better is required in each course that is a prerequisite for a CIVE course.
The major engineering design experience, capstone course, requirement is satisfied by CIVE 4043 or 4143 or 5373 or 5383.
Students will be held responsible for degree requirements in effect at the time of matriculation and any changes that are made, so long as these changes do not result in semester credit hours being added or do not delay graduation.

| General Education Requirements: 38 Hours |  |  |
| :---: | :---: | :---: |
| Area | Hours | To be selected from: |
| Underlined courses below are Pre-Engineering requirements used simultaneously to meet General Education requirements. |  |  |
| English Composition \& Oral Communication | 6 | ENGL 1113 or 1313,1213 or $1413,3323$. <br> (Total hours for degree is based on substitution of 3323 for 1213 as per Academic Regulation 3.5) |
| American History \& Government | 6 | HIST 1103; POLS 1113 |
| Analytical \& Quantitative Thought (A) | 13 | MATH $\underline{2144}$, 2153, 2163, 2233 |
| Humanities (H) | 6 | Courses designated (H) at OSU. |
| Natural Sciences ( N ) | 4 | CHEM 1414 |
| Social \& Behavioral Sciences (S) | 3 | Any course designated (S) at OSU. |
| Diversity (D) | -- | Any course designated (D). Students are encouraged to meet the requirement in their selection of $(\mathrm{H})$ or $(\mathrm{S})$ course work. |
| International Dimension (I) | -- | Any course designated (I). Students are encouraged to meet the requirement in their selection of (H) or (S) course work. |
| Scientific Investigation (L) | -- | Any course designated (L). Normally met by Natural Sciences and/or Basic Science requirements. |



> Admitted to the Professional School of Civil Engineering.
> (See Professional School admission requirements in the Catalog.)

| CIVE | 3413 | 3714 | 4042 |
| :---: | :--- | :--- | :--- |
|  | 3523 | 3813 | 4143 |
|  | 3614 | 3833 | 4273 |
|  | 3623 | 3843 | 4833 |
|  | 3633 | 3853 |  |
| IEM | 3503 |  |  |


| Controlled Electives: 9 Hours |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: |
| Select from: | CIVE | 5010 | 5833 | 5933 |
|  |  | 5013 | 5853 | 5953 |
|  |  | 5023 | 5863 | 5983 |
|  |  | 5123 | 5873 | 5993 |
|  |  | 5823 | 5883 |  |

Other Requirements:
Admission to professional school is required. Please refer to the OSU Catalog corresponding to your matriculation date for detailed admission requirements.
A student must complete course work at OSU satisfying academic regulation 7.2.
A student must complete at least 60 credit hours at a senior college.
A "C" or better is required in each course that is a prerequisite for a CIVE course.
The major engineering design experience, capstone course, requirement is satisfied by CIVE 4143.
Students will be held responsible for degree requirements in effect at the time of matriculation and any changes that are made, so long as these changes do not result in semester credit hours being added or do not delay graduation.

| GEnERAL EDUCATION REQUIREMENTS: 38 Hours |  |  |
| :---: | :---: | :---: |
| Area | Hours | To be selected from: |
| Underlined courses below are Pre-Engineering requirements used simultaneously to meet General Education requirements. |  |  |
| English Composition \& Oral Communication | 6 | ENGL 1113 or 1313,1213 or $1413,3323$. (Total hours for degree is based on substitution of 3323 for 1213 as per Academic Regulation 3.5) |
| American History \& Government | 6 | HIST 1103; POLS 1113 |
| Analytical \& Quantitative Thought (A) | 13 | MATH 2144, 2153, 2163, 2233 |
| Humanities (H) | 6 | Courses designated (H) at OSU. |
| Natural Sciences (N) | 4 | CHEM 1414 or $\underline{1515}$ |
| Social \& Behavioral Sciences (S) | 3 | Any course designated (S) at OSU. Consult the college \& departmental requirements. |
| Diversity (D) | -- | Any course designated (D). Students are encouraged to meet the requirement in their selection of $(\mathrm{H})$ or $(\mathrm{S})$ course work. |
| International Dimension (I) | -- | Any course designated (I). Students are encouraged to meet the requirement in their selection of $(\mathrm{H})$ or $(\mathrm{S})$ course work. |
| Scientific Investigation (L) | -- | Any course designated (L). Normally met by Natural Sciences and/or Basic Science requirements. |


| Major Requirements: 64 Hours |  |  |
| :---: | :---: | :---: |
| Common Professional School: 9 Hours |  |  |
| Mathematics | 3 | MATH 3013 |
| Basic Science | 3 | PHYS 3313 |
| Social \& Behavioral Sciences (S) | 3 | Any course designated (S) at OSU. Consult the college \& departmental requirements. |

Specific Professional School Requirements: 52 Hours
Admitted to the Professional School of Electrical and Computer Engineering. (See Professional School admission requirements in the Catalog.)

| ECEN | 2011 | 3613 | 4213 |
| :--- | :--- | :--- | :--- |
|  | 3233 | 3714 | 4243 |
|  | 3314 | 4013 | 4303 |
|  | 3513 | 4024 | 4503 |
| CS | 3653 |  |  |
|  | 4323 |  |  |
|  | 4343 |  |  |
| IEM | 3503 |  |  |

3 hours selected from combinations on the departmentally approved list and approved by advisor.

College/Departmental Requirements Pre-Engineering: 24 Hours

| Basic Science | 8 | PHYS 2014, 2114 |
| :--- | :---: | :--- |
| Engineering | 3 | ENGR 1111, 1342 |
| Engineering Science | 6 | ENSC 2613, 3213 |
| Computer Science | 7 | CS 1113, 2133, 2351 |


|  | CONTROLLED ELECTIVES: 3 HoURS |  |
| :--- | :--- | :--- |
| Select from: $\quad$ ENSC $\quad 2113$ |  |  |
|  | 2123 |  |
|  | 2143 |  |
|  | 2213 |  |
|  | Or Engineering courses 3000-level and above; |  |
|  | Other courses such as MATH, CS, STAT, etc., |  |
|  |  |  |
|  |  |  |
|  |  |  |

## Other Requirements:

Admission to professional school is required. Please refer to the OSU Catalog corresponding to your matriculation date for detailed admission requirements.
A student must complete course work at OSU satisfying academic regulation 7.2.
A student must complete at least 60 credit hours at a senior college.
A minimum GPA of 2.00 is required in all courses applied to Major Requirements.
A minimum GPA of 2.20 is required in all courses applied to Specific Professional School Requirements.
The major engineering design experience is satisfied by ECEN 4013 and 4024.
Students will be held responsible for degree requirements in effect at the time of matriculation and any changes that are made, so long as these changes do not result in semester credit hours beina added or do not delav araduation.

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## Controlled Electives: 3 Hours

Select from:
ENSC
2123
2143
2213
Or Engineering courses 3000-level and above; Other courses such as MATH, CS, STAT, etc., May be approved by adviser.

## Other Requirements:

Admission to professional school is required. Please refer to the OSU Catalog corresponding to your matriculation date for detailed admission requirements.
A student must complete course work at OSU satisfying academic regulation 7.2.
A student must complete at least 60 credit hours at a senior college.
A minimum GPA of 2.00 is required in all courses applied to Major Requirements.
A minimum GPA of 2.20 is required in all courses applied to Specific Professional School Requirements.
The major engineering design experience is satisfied by ECEN 4013 and 4024.
Students will be held responsible for degree requirements in effect at the time of matriculation and any changes that are made, so long as these changes do not result in semester credit hours being added or do not delay graduation.
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BACHELOR of SCIENCE in INDUSTRIAL ENGINEERING and MANAGEMENT
MAJOR: Industrial Engineering and Management
Minimum Overall Grade Point Average: 2.00
Total Hours: 126
(cumulative graduation/retention GPA)
Other GPA requirements see below.


| Major Requirements: 58 Hours |  |  |
| :---: | :---: | :---: |
| Common Professional School: 12 Hours |  |  |
| Engineering | 6 | ENSC 3233, 3313 |
| Basic Science | 3 | From: ASTR 1014, 1024, BIOL 1114, CHEM 3053, GEOL 1114, 3413, PHYS 3213, 3313, 3713 |

Social \& Behavioral Sciences (S) 3 Any course designated (S) at OSU. Consult

## Specific Professional School Requirements: 46 Hours

Admitted to the Professional School of Mechanical and Aerospace Engineering. (See Professional School admission requirements in the Catalog.)

1. 27 hours as follows:

MAE 3013, 3033, $3113,3223,3233,3323,3403,3723$, IEM 3503
2. A total of 13 credit hours from the following 4 categories, selecting one course from each category so that all 4 categories are represented.

Category I (Thermal Systems Realization)
MAE 4243, 4263, 4703, 4713
Category II (Mechanical Systems Realization)
MAE 4353, 4363, 4513
Category III (Laboratory)
MAE 4273, 4333, 4733
Category IV (Capstone Design)
MAE 4344, 4354
3. A total of 6 hours to be selected from the following list, or from courses in the 4 categories listed above, but not used to satisfy that category.

MAE 3123, 3253, 3293, 4053, 4063, 4313, 4623

| Basic Science | 8 | PHYS 2014, 2114 |
| :--- | :---: | :--- |
| Engineering | 5 | ENGR 1111, 1332, 1412 |
| Engineering Science | 15 | ENSC 2113, 2123, 2143, 2213, 2613 |

## Other Requirements:

Admission to professional school is required. Please refer to the OSU Catalog corresponding to your matriculation date for detailed admission requirements.
A student must complete course work at OSU satisfying academic regulation 7.2.
A student must complete at least 60 credit hours at a senior college.
A GPA of 2.00 is required in all course work listed in the right hand column above.
The major engineering design experience, capstone course, requirement is satisfied by MAE 4344 or MAE 4354.
A minimum overall 2.00 GPA is required in 4000 -level MAE prefix courses.
A "C" or better is required in each course that is a prerequisite for a major course.
Students will be held responsible for degree requirements in effect at the time of matriculation and any changes that are made, so long as these changes do not result in semester credit hours being added or do not delav araduation.

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DEAN

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DEPARTMENT HEAD

| GENERAL EDUCATION REQUIREMENTS: 36 HOURS |  |  |
| :--- | :---: | :--- |
| Area | Hours | To be selected from: |
| Underlined courses below are Pre-Engineering requirements used simultaneously to meet General <br> Education requirements. |  |  |
|  <br> Oral Communication | 6 | ENGL 1113 or 1313, 1213 or 1413. 3323 <br> may be substituted for 1213 subject to <br> Academic Regulation 3.5. |
| American History \& Government | 6 | HIST 1103; POLS 1113 |


| MAjOR REQUIREMENTS: |
| :---: |
| Common Professional School: 15 Hours <br> *Asterisks denote medical school entrance requirements. |
| Specific Professional School Requirements: 62 Hours <br> Admitted to the Professional School of Mechanical and Aerospace Engineering. (See Professional School admission requirements in the Catalog.) <br> 1. A total of 43 credit hours as follows: <br> MAE 3013, 3033, $3113,3223,3233,3323,3403,3723$, BIOL 1114; <br> CHEM 3112, 3153; IEM 3503; ZOOL 1604, MICR 3033 <br> 2. A total of 13 hours from the following 4 categories, selecting one course from each category so that all 4 categories are represented. <br> Category I (Thermal Systems Realization) <br> MAE 4243, 4263, 4703, 4713 <br> Category II (Mechanical Systems Realization) <br> MAE 4353, 4363, 4513 <br> Category III (Laboratory) <br> MAE 4273, 4333, 4733 <br> Category IV (Capstone Design) <br> MAE 4344, 4354 <br> 3. A total of 6 hours to be selected from the following list, or from courses in the 4 categories listed above, but not used to satisfy that category. <br> MAE 3123, 3253, 3293, 4053, 4063, 4313, 4623 <br> 4. The following are suggested, but not required: BIOC 3653, BIOL 3024, CLML 3014, ZOOL 3114, ZOOL 3204, ZOOL 4215, CHEM 1314 is recommended with CHEM 1515 to meet the Oklahoma medical schools' requirement for 9 hours of inorganic chemistry. The entrance requirements of medical schools of choice should be reviewed to ensure an application is competitive. |

## Other Requirements:

Admission to professional school is required. Please refer to the OSU Catalog corresponding to your matriculation date for detailed admission requirements.
A student must complete course work at OSU satisfying academic regulation 7.2. A student must complete at least 60 credit hours at a senior college.
A GPA of 2.00 is required in all course work listed in the right hand column above.
The major engineering design experience, capstone course, requirement is satisfied by MAE 4344 or MAE 4354.
A minimum overall 2.00 GPA is required in 4000-level MAE prefix courses. A "C" or better is required in each course that is a prerequisite for a major course.
Students will be held responsible for degree requirements in effect at the time of matriculation and any changes that are made, so long as these changes do not result in semester credit hours being added or do not delay graduation.

## BACHELOR of ARCHITECTURE

MAJOR: Architecture
Minimum Overall Grade Point Average: $\mathbf{2 . 0 0}$
Total Hours: 154
(cumulative graduation/retention GPA)
Other GPA requirements see below.

| GENERAL EDUCATION REQUIREMENTS: $\mathbf{3 5}$ HoURS |  |  |
| :--- | :---: | :--- |
| Area | Hours | To be selected from: |
|  <br> Oral Communication | 6 | ENGL 1113 or 1313, 1213 or 1413, 3323 <br> (See Academic Regulation 3.5) |
| American History \& Government | 6 | HIST 1103; POLS 1113 |
| Analytical \& Quantitative Thought <br> (A) | 7 | MATH 2144, ENSC 2113 |$|$| Humanities (H) | -- | Courses designated (H) at OSU. |
| :--- | :--- | :--- |
| Natural Sciences (N) | 7 | PHYS 1114 and 3 hours designated (N) |



## Controlled Electives: 15 Hours

From: Fifteen credits of restricted electives.
Must be selected from the course list available in the School of Architecture office and the group of selected courses must be approved by the Head of the School.

## Other Requirements:

Admission to professional school is required. Please refer to the OSU Catalog corresponding to your matriculation date for detailed admission requirements.
A student must complete course work at OSU satisfying academic regulation 7.2.
A student must complete at least 60 credit hours at a senior college.
The School of Architecture requires a final grade of "C" or better in all ARCH prefix courses, substitutions for ARCH prefix courses and all ARCH prefix course prerequisites.
The capstone course for Architecture majors is ARCH 5117.
Students will be held responsible for degree requirements in effect at the time of matriculation and any changes that are made, so long as these changes do not result in semester credit hours being added or do not delay graduation.

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| DEAN |  |

## BACHELOR of ARCHITECTURAL ENGINEERING

MAJOR: Architectural Engineering OPTIONS: Structures
Minimum Overall Grade Point Average: $\mathbf{2 . 0 0}$
Total Hours: 157
(Cumulative graduation/retention GPA)
Other GPA requirements see below.


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DEPARTMENT HEAD

MAJOR: Construction Management Technology
Minimum Overall Grade Point Average: 2.00
(cumulative graduation/retention GPA) Other GPA requirements see below.

| General Education Requirements: 42 Hours |  |  |
| :---: | :---: | :---: |
| Area | Hours | To be selected from: |
| English Composition \& Oral Communication | 9 | ENGL 1113 or 1313, 1213 or 1413 SPCH $\underline{2713}$ |
| American History \& Government | 6 | HIST 1103; POLS 1113 |
| Analytical \& Quantitative Thought (A) | 6 | MATH $\underline{\text { 2123, }} \underline{\underline{2133}}$ |
| Humanities (H) | 6 | Any course designated (H) |
| Natural Sciences (N) | 12 | PHYS 1114, 1214, \& 4 hours of approved Basic Natural Science. Must have laboratory |
| Social \& Behavioral Sciences (S) | 3 | Any course designated (S) |
| Diversity (D) | -- | Any course designated (D). Students are encouraged to meet the requirement in their selection of $(\mathrm{H})$ or (S) course work. |
| International Dimension (I) | -- | Any course designated (I). Students are encouraged to meet the requirement in their selection of $(\mathrm{H})$ or (S) course work. |
| Scientific Investigation (L) | -- | Any course designated (L). Normally met by Natural Science requirement |
| Underlined courses below are Pre-engineering requirements used simultaneously to meet General Education requirements. |  |  |
| College/Departmental Requirements Pre-Engineering: 22 Hours |  |  |
| Specialty | 13 | CMT 1214, 2253, 2263, 2343 |
| Related Specialty | 9 | ACCT 2103, EET 1003, GENT 2323 |


| MAJOR REQUIREMENTS: 60 Hours |  |  |
| :---: | :---: | :---: |
| SPECIFIC PROFESSIONAL SCHOOL REQUIREMENTS: 54 HOURS |  |  |
| Admitted to the upper-division CMT (See policy for admission to the upper-division of the curriculum of CMT.) |  |  |
| Communications | 3 | ENGL 3323 |
| Specialty | 38 | CMT 3273, 3331, 3332 , CMT 3364, 3433, 3463, CMT 3554, 4263, 4273, CMT 4283, 4293, 4443, 4563 |
| Related Specialty | 10 | CIVE 3614; GENT 3323; IEM 3513 |
| Social \& Behavioral Sciences (S) | 3 | Any course designated (S) at OSU. Consult the college \& departmental requirements. |

## Controlled Electives: 6 Hours

6 hours from:

| ARCH | 3134 |
| :--- | :--- |
| BCOM | 3223 |
| CIVE | $3713,5133,5143,5153,5163,5183$ |
| CMT | $4050,3633,4333,4533$ |
| ECON | $3023, \underline{3513}$ |
| FIN | 3113 |
| LSB | 3213 |
| MGMT | $3013,3313,4123,3023$ |
| MKTG | $3213,3433,3513$ |
| PHIL | $\underline{3803}, \underline{3823}$ |
| SPCH | 3703,3723 |

## Other Requirements:

A student must complete course work at OSU satisfying academic regulation 7.2.
A student must complete at least 60 credit hours at a senior college.
A grade of " $C$ " or better is required in each course with an engineering or engineering technology prefix that is a prerequisite to a required course. See policy for Admission to the Upper Division of the Curriculum for CMT for a listing of specific courses requiring a grade of "C" or better for admittance to the Upper Division.
A minimum overall 2.30 GPA is required in all courses with engineering and engineering technology prefixes.
Each student is required to sit for the American Institute of Constructors Level 1 - Associate Constructors Certification Exam.
Students will be held responsible for degree requirements in effect at the time of matriculation and any changes that are made, so long as these changes do not result in semester credit hours being added or do not delay graduation.

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DEAN

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## DEPARTMENT HEAD

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DIRECTOR

MAJOR: Construction Management Technology
Minimum Overall Grade Point Average: $\mathbf{2 . 0 0}$
(Cumulative graduation/retention GPA)
Other GPA requirements see below.


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## DEPARTMENT HEAD

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DEAN
DIRECTOR

BACHELOR of SCIENCE in ENGINEERING TECHNOLOGY
MAJOR: Electrical Engineering Technology
Minimum Overall Grade Point Average: 2.00
(cumulative graduation/retention GPA)
Other GPA requirements see below.
Total Hours: 130


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| DEPARTMENT HEAD |  |
| SEAN |  |
| DIRECTOR |  |

MAJOR: Electrical Engineering Technology
Minimum Overall Grade Point Average: 2.00
(cumulative graduation/retention GPA)
Other GPA requirements see below.

| GENERAL EDUCATION REQUIREMENTS: 44 HoURS |  |  |
| :--- | :---: | :--- |
| Area | Hours | To be selected from: |
|  <br> Oral Communication | 6 | ENGL 1113 or 1313, 1213 or 1413. |
| American History \& Government | 6 | HIST 1103; POLS 1113 |
| Analytical \& Quantitative Thought <br> (A) | 11 | MATH 1715, 2123, 2133 |
| Humanities (H) | 6 | Any course designated (H) |
| Natural Sciences (N) | 12 | CHEM 1314, PHYS 1114, 1214 |
| Social \& Behavioral Sciences (S) | 3 | 3 hours of any course designated (S) |
| Diversity (D) | -- | Any course designated (D). Students are <br> encouraged to meet the requirement in their <br> selection of (H) or (S) course work. |
| International Dimension (I) | Any course designated (I). Students are <br> encouraged to meet the requirement in their <br> selection of (H) or (S) course work. |  |
| Scientific Investigation (L) | -- | Any course designated (L). Normally met by <br> Natural Science requirement |
| Underlined courses are departmental requirements used also to satisfy General Education <br> requirements. |  |  |

## College/Departmental Requirements

Pre-Engineering: 23 Hours

| Electronics | 23 | CS 1113, EET 1104, 1244, 2303, 2544, <br> 2635 |
| :--- | :--- | :--- |


| Major Requirements: 63 Hours |  |  |
| :---: | :---: | :---: |
| SPECIFIC PROFESSIONAL SCHOOL REQUIREMENTS: 60 HOURS |  |  |
| Electronics | 38 | EET 3113 |
|  |  | 3124 |
|  |  | 3254 |
|  |  | 3264 |
|  |  | 3354 |
|  |  | 3363 |
|  |  | 3524 |
|  |  | 3533 |
|  |  | 4363 |
|  |  | 4833 |
|  |  | 4843 |
| Related Specialty | 11 | GENT 3123 |
|  |  | MGMT 3013 or IEM 3503 |
|  |  | STAT 4033 |
|  |  | And 2 hours from: any math, science, engineering or technology course |
| Computer Science | 8 | CS 2133 |
|  |  | 5 hours upper-division CS |
| Social \& Behavioral Sciences (S) | 3 | SPCH 2713 |

## Controlled Electives: 3 Hours

3 hours from: Foreign Language, Speech, any course from the Spears School of Business, any course designated (H), (D), (S), or (I)

Other Requirements:
A student must complete course work at OSU satisfying academic regulation 7.2.
A student must complete at least 60 credit hours at a senior college.
A minimum of 40 hours must be upper-division.
A grade of " C " or better is required in each course that is a prerequisite to a required course.
A minimum overall 2.00 GPA is required in all courses with EET, CHEM, MATH, or PHYS prefixes.
Students will be held responsible for degree requirements in effect at the time of matriculation and any changes that are made, so long as these changes do not result in semester credit hours being added or do not delay graduation.

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DEPARTMENT HEAD
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DIRECTOR

MAJOR: Electrical Engineering Technology
Minimum Overall Grade Point Average: 2.00
(cumulative graduation/retention GPA)
Other GPA requirements see below.

| GENERAL EDUCATION REQUIREMENTS: 41 HoURS |  |  |
| :--- | :---: | :--- |
| Area | Hours | To be selected from: |
|  <br> Oral Communication | 6 | ENGL 1113 or 1313, 1213 or 1413. |
| American History \& Government | 6 | HIST 1103; POLS 1113 |
| Analytical \& Quantitative Thought <br> (A) | 11 | MATH 1715, 2123, 2133 |
| Humanities (H) | 3 | Any course designated (H) at OSU |
| Natural Sciences (N) | 12 | CHEM 1314, PHYS $\underline{1114, ~ 1214}$ |
| Social \& Behavioral Sciences (S) | 3 | 3 hours of any course designated (S) |
| Diversity (D) | -- | Any course designated (D). Students are <br> encouraged to meet the requirement in their <br> selection of (H) or (S) course work. |
| International Dimension (I) | -- | Any course designated (I). Students are <br> encouraged to meet the requirement in their <br> selection of (H) or (S) course work. |
| Scientific Investigation (L) | -- | Any course designated (L). Normally met by <br> Natural Science requirement |
| Underlined courses are departmental requirements used also to satisfy General Education <br> requirements. | (S) |  |

## College/Departmental Requirements Pre-Engineering: 20 Hours

| Electronics | 20 | EET 1104, 1244, 2303, 2544, 2635 |
| :--- | :--- | :--- |



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DIRECTOR

General Requirements for Students Matriculating in Academic Year 2011-2012
BACHELOR of SCIENCE in ENGINEERING TECHNOLOGY
MAJOR: Fire Protection and Safety Technology
Minimum Overall Grade Point Average: 2.00
Total Hours: 125
(cumulative graduation/retention GPA)
Other GPA requirements see below.


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| GENERAL EDUCATION REQUIREMENTS: 45 HoURS |  |  |
| :--- | :---: | :--- |
| Area | Hours | To be selected from: |
|  <br> Oral Communication | 6 | ENGL 1113 or 1313, 1213 or 1413 |
| American History \& Government | 6 | HIST 1103; POLS 1113 |
| Analytical \& Quantitative Thought <br> (A) | 12 | MATH 1513, $\underline{1613}, \underline{2123}, \underline{2133}$ |$|$| Humanities (H) | 6 | Any course designated (H) at OSU |
| :--- | :--- | :--- |
| Natural Sciences (N) | 12 | CHEM 1215 or 1314; or 1414 <br> PHYS $\underline{1114}, \underline{1214}$ |
| Social \& Behavioral Sciences (S) | 3 | 3 hours of any course designated (S) |


| MAJOR REQUIREMENTS: 60 Hours |  |  |
| :---: | :---: | :---: |
| SPECIFIC PROFESSIONAL SCHOOL REQUIREMENTS: 55 HOURS |  |  |
| Communications | 6 | ENGL 3323; SPCH $\underline{2713}$ or 3703 or 3723 |
| Technology Specialty | 30 | GENT 3323, 3433, 4433; |
|  |  | MET 3003 |
|  |  | 3113 |
|  |  | 3313 |
|  |  | 3343 |
|  |  | 4003 |
|  |  | 4123 |
|  |  | 4463 |
| Related Specialty | 16 | EET 3104; IEM 3503 or 3513 ; and 9 hours from the following: |
|  |  | MET 3413 |
|  |  | 3573 |
|  |  | 4013 |
|  |  | 4023 |
|  |  | 4050 |
|  |  | 4203 |
|  |  | 4303 |
|  |  | 4313 |
|  |  | 4453 |
|  |  | 4883 |
|  |  | 4993 |
| Social \& Behavioral Sciences (S) | 3 | Any course designated (S) at OSU. Consult the college \& departmental requirements. |

## Controlled Electives: 5 Hours

At least 3 hours upper-division.

Selected from: Accounting, Chemistry, Computer Science, Engineering, Engineering Technology, Geology, Legal Studies in Business, Management, Mathematics, Physics and Statistics.

## Other Requirements:

A student must complete course work at OSU satisfying academic regulation 7.2.
A student must complete at least 60 credit hours at a senior college.
A minimum of 40 hours must be upper-division.
A minimum 2.00 GPA is required in all courses with an engineering technology (or engineering) prefix.
Students will be held responsible for degree requirements in effect at the time of matriculation and any changes that are made, so long as these changes do not result in semester credit hours being added or do not delay graduation.

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| DEAN |  |
| SEPARTMENT HEAD |  |

## College of Human Sciences

Bachelor of Science in Human Environmental Sciences<br>HES-1 - Design, Housing, and Merchandising - Apparel Design and Production<br>HES-2 - Design, Housing, and Merchandising - Interior Design<br>HES-3 - Design, Housing, and Merchandising - Merchandising<br>HES-4 - Hotel and Restaurant Administration<br>HES-5 - Human Development and Family Science - Child and Family Services<br>HES-6 - Human Development and Family Science - Early Childhood Education<br>HES-7 - Human Development and Family Science - Family and Consumer Sciences Education<br>HES-8 - Human Development and Family Science - Gerontology<br>HES-9 - Nutritional Sciences - Allied Health<br>HES-10 - Nutritional Sciences - Community Nutrition<br>HES-11 - Nutritional Sciences - Dietetics<br>HES-12 - Nutritional Sciences - Dietetics and Exercise<br>HES-13 - Nutritional Sciences - Human Nutrition/Pre-Medical Sciences<br>HES-14 - Nutritional Sciences - Nutrition and Exercise

MAJOR: Design, Housing \& Merchandising
Minimum Overall Grade Point Average: 2.00
(cumulative graduation/retention GPA)
Other GPA requirements see below.

OPTION: Apparel Design \& Production
Total Hours: 122*

| GENERAL EDUCATION REQUIREMENTS: 40 HoURS |  |  |
| :--- | :---: | :--- |

College/Departmental Requirements: 20 Hours**

| Human Environmental Sciences | 5 | HES 1112 or 3112; <br> HDFS 2113 |
| :--- | :---: | :--- |
| Design, Housing \& Merchandising | 15 | $\frac{\text { Minimum grade of "C" in each course }}{\text { DHM 1003, 2003, 2573, 4003, 4573 }}$ |

## Major Requirements: 58 Hours**

Minimum grade of " $C$ " in each course
Core Requirements 46 hours
DHM 1103 DHM 3153
DHM 1433 DHM 3643
DHM 1993 DHM 3991

DHM 2203 DHM 3994
DHM 2212 DHM 4993
DHM 2443 EEE 3023
DHM 3013 MGMT 3013
DHM 3123 MKTG 3213
12 total hours from one of the two following professional areas:

| 1.) Design: 9 hours from: | 2.) Production: 12 hours from: |
| :--- | :--- |
| DHM 3023 | DHM 4453 |
| DHM 3533 | LSB 3213 |
| DHM 4403 | MGMT 3123 |
|  | MGMT 3313 |
|  | MGMT 4213 |
| and 3 hours from: | MGMT 4533 |
| ART 1103, 2243 | MGMT 4573 |
| DHM 3853,4453 | MGMT 4613 |
| EEE 3033 | MGMT 4693 |
| TH 4673 | 5 hours foreign language may be used |
| MGMT 3123 |  |
| 3 hours foreign language may be used |  |

## Electives: 4 Hours

Advisor and student should ensure that a sufficient number of upper-division electives are completed to meet the 45 upper-division requirement and that total hours reach 122. Electives can be met with any additional courses providing student meets required prerequisites. It is highly recommended students take advantage of off-campus study programs and study abroad opportunities.

Other Requirements:

* 45 upper-division hours required and 60 hours must be completed at a four-year institution.
${ }^{* *}$ A 2.50 Major GPA is required. This includes all courses in College/Departmental and Major Requirements.
A 2.50 Major GPA is required for full admission to the Internship Program.
Proficiency review required to take upper-level DHM Apparel Design courses.
Transfer Admission Requirements: 2.00 for less than 31 hours; 2.25 for $31-45$ hours; 2.50 for more than 45 hours.
Students will be held responsible for degree requirements in effect at the time of matriculation and any changes that are made, so long as these changes do not result in semester credit hours being added or do not delay graduation.

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DEPARTMENT HEAD

General Requirements for Students Matriculating in Academic Year 2011-2012
BACHELOR of SCIENCE in HUMAN ENVIRONMENTAL SCIENCES

MAJOR: Design, Housing \& Merchandising
Minimum Overall Grade Point Average: $\mathbf{2 . 0 0}$
(cumulative graduation/retention GPA)
Other GPA requirements see below.

OPTION: Interior Design
Total Hours: 120*

| GEnERAL EDUCATION REQUIREMENTS: 40 Hours |  |  |
| :---: | :---: | :---: |
| Area | Hours | To be selected from: |
| English Composition \& Oral Communication | 9 | ENGL 1113 or 1313 ; \& 1213 or 1413 or 3323. (See Academic Regulation 3.5 in Catalog) SPCH 2713 |
| American History \& Government | 6 | HIST 1103 or 1483 or 1493; POLS 1113 |
| Analytical \& Quantitative Thought (A) | 6 | MATH 1483 or 1513; <br> MATH 1493, 1613 or 1715 |
| Humanities (H) | 6 | ART 1603; <br> DHM 3233 (minimum grade of "C") |
| Natural Sciences (N) | 7-8 | DHM 2573 (minimum grade of " $C$ "); <br> CHEM 1014 (minimum grade of "C") or CHEM 1215 (minimum grad of "C") |
| Social \& Behavioral Sciences (S) | 6 | ECON 1113 or 2103 (facilities mgmt); SOC 3223 |
| Diversity (D) | -- | Any course designated (D) |
| International Dimension (I) | -- | Any course designated (I). May be satisfied in any part of the degree program. |
| Scientific Investigation (L) | -- | DHM 2573 \& CHEM 1014 or CHEM 1215 fulfill this requirement. |


| ColLEGE/DEPARTMENTAL REQUIREMENTS: 17 HoURS** |  |  |  |
| :--- | :---: | :--- | :---: |
| Human Environmental Sciences | 5 | HES 1112 or 3112; <br> HDFS 2113 |  |
| Design, Housing \& Merchandising | 12 | $\frac{\text { Minimum grade of "C" in each course }}{\text { DHM 1003, 2003, 4003, 4573 }}$ |  |


| Major Requirements: 63 Hours** |  |
| :---: | :---: |
| Minimum grade of " $C$ " in each course |  |
| Core Requirements | ts 49 hours |
| DHM 1123 | DHM 3453 |
| DHM 2073 | DHM 3823 |
| DHM 2103 | DHM 3881 |
| DHM 2263 | DHM 4264 |
| DHM 2313 | DHM 4323 |
| DHM 3301 | DHM 4373 |
| DHM 3303 | DHM 4824 |
| DHM 3343 |  |
| ART 1103 |  |
| ACCT 2103 |  |
| 14 total hours from one of the two following professional areas: |  |
| 1.) Design: 7 hours from: 2.) | 2.) Facility Management: 3 hours from: |
| DHM 4294 | DHM 4433 |
| ART 1303 |  |
| and 7 hours from | and 11 hours from: |
| ( 3 hours must be upper-division): | DHM 4423, 4453, 4533 |
| DHM 3853, 4423, 4453, 4533 | ACCT 2203 |
| ARCH 2003 | BADM 3713 |
| ART 2243, 2253, 3683 | ECON 2203, 3903 |
| HIST 4063 | FIN 3613 |
| HORT 2652 | HRAD 3473 |
| LA 3673 | LSB 3213, 4523, 4633 |
| PHIL 4113 | MGMT 3013, 3313, 4313 |
| SOC 3993 | MKTG 3213 |
| TH 2553, 4183, 4593, 4983 | STAT 2023 |

[^15]Students will be held responsible for degree requirements in effect at the time of matriculation and any changes that are made, so long as these changes do not result in semester credit hours being added or do not delay graduation.

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DEPARTMENT HEAD

BACHELOR of SCIENCE in HUMAN ENVIRONMENTAL SCIENCES

MAJOR: Design, Housing \& Merchandising
Minimum Overall Grade Point Average: 2.00
(cumulative graduation/retention GPA)
Other GPA requirements see below.

OPTION: Merchandising
Total Hours: 120*

| General Education Requirements: 40 Hours |  |  |
| :---: | :---: | :---: |
| Area | Hours | To be selected from: |
| English Composition \& Oral Communication | 9 | ENGL 1113 or 1313 ; \& 1213 or 1413 or 3323; (See Academic Regulation 3.5 in Catalog) SPCH 2713 |
| American History \& Government | 6 | HIST 1103 or 1483 or 1493; POLS 1113 |
| Analytical \& Quantitative Thought (A) | 6 | MATH 1483 or 1513 (minimum grade of "C") and any 3 additional hours designated (A). (STAT 2013 or 2023 recommended) |
| Humanities (H) | 6 | One lower-division course designated (H) and DHM 3213 (apparel) or DHM 3233 (interiors) with minimum grade of " C " in DHM 3213 or 3233 |
| Natural Sciences ( N ) | 4-5 | CHEM 1014 (minimum grade of "C") or CHEM 1215 (minimum grade of " C ") |
| Social \& Behavioral Sciences (S) | 9 | ECON 1113 or 2103 (for business minors) PSYC 1113 <br> GEOG 1113 or 2253 |
| Diversity (D) | -- | Any (D) designated course Students are encouraged to meet the requirement in their selection of $(H)$ course work |
| International Dimension (I) | -- | Requirement met by GEOG 1113 or 2253 |
| Scientific Investigation (L) | -- | DHM 2573; <br> CHEM 1014 or 1215 fulfill this requirement. |


| Major Requirements: 50 Hours |  |
| :---: | :---: |
| Minimum grade of " $C$ " in each course |  |
| Core Requirements | 35 hours |
| DHM 1433 | DHM 3991 |
| DHM 3433 | DHM 3994 |
| DHM 3553 | DHM 4453 |
| DHM 3563 | DHM 3853 |
| DHM 4993 |  |
| ACCT 2103 |  |
| MGMT 3013 |  |
| MKTG 3213 |  |
| 15 total hours from one of the two following professional areas: |  |
| 1.) Apparel: 6 hours from: | 2.) Interiors: 6 hours from: |
| DHM 2913, 3643 | DHM 1123, 3303 |
| and 9 hours from: | and 9 hours from: |
| BCOM 3113 | ART 1103 |
| DHM 3233, 3533 | BCOM 3113 |
| EEE 3023, 3033, 3513, 3663, 4263 | DHM 2313, 3213, 3533, 4323, 4423 |
| MGMT $3123,3313,4213,4533$ | EEE 3023, 3033, 3513, 3663, 4263 |
| MKTG 3323, 3513, 4553, 4773, 4993 | MGMT 3313, 4213, 4533 |
| A max of 6 hours of foreign language | MKTG 3323, 3513, 4553, 4773 |
| may be used | A max of 6 hours of foreign language may be used |

## Electives: 10 Hours

Electives can be met with any additional courses providing student meets required prerequisites. It is highly recommended students take advantage of off-campus study programs and study abroad opportunities.

Other Requirements:

* 45 upper-division hours required and 60 hours must be completed at a four-year institution.
${ }^{* *}$ A 2.50 Major GPA is required. This includes all courses in College/Departmental and Major Requirements.
A 2.50 Major GPA is required for full admission to the Internship Program.
Transfer Admission Requirements: 2.00 for less than 31 hours; 2.25 for $31-45$ hours; 2.50 for more than 45 hours and grade of " $C$ " in Math 1483 or 1513.
Students will be held responsible for degree requirements in effect at the time of matriculation (date of first enrollment) and any changes that are made, so long as these changes do not result in semester credit hours being added or do not delay graduation.


## COLLEGE OF HUMAN SCIENCES

## OKLAHOMA STATE UNIVERSITY

General Requirements for Students Matriculating in Academic Year 2011-2012
BACHELOR of SCIENCE in HUMAN ENVIRONMENTAL SCIENCES
MAJOR: Hotel and Restaurant Administration
Minimum Overall Grade Point Average: 2.00
Total Hours: 120*
(cumulative graduation/retention GPA)
Other GPA requirements see below.

| GENERAL EDUCATION REQUIREMENTS: 38 HOURS |  |  |
| :--- | :---: | :--- |
| Area | Hours | To be selected from: |
|  <br> Oral Communication | 6 | ENGL 1113; \& 1213 or 1413 or 3323. <br> (See Academic Regulation 3.5 in Catalog) |
| American History \& Government | 6 | HIST 1103 or 1483 or 1493; <br> POLS 1113 |
| Analytical \& Quantitative Thought <br> (A) | 6 | MATH 1483 or 1513 or 1715; <br> STAT 2013 or 2023 or 2053 |
| Humanities (H) | 6 | Courses designated (H) |

College/Departmental Requirements: 5 Hours

| Human Environmental Sciences | 5 | HES 1112 or 3112; <br> HDFS 2113 |
| :--- | :--- | :--- |

## Other Requirements:

* 40 hours must be upper-division and 60 hours must be completed at a four-year institution
** Hospitality work experience of 480 hours required for no grade prior to internship.
Transfer Admission Requirement: 2.00 GPA
Students will be held responsible for degree requirements in effect at the time of matriculation and any changes that are made, so long as these changes do not result in semester credit hours being added or do not delay graduation.

OPTION: Child and Family Services
(cumulative graduation/retention GPA)
Other GPA requirements see below.

| GENERAL EDUCATION REQUIREMENTS: 38 HoURS |  |  |
| :--- | :---: | :--- |$|$| Area | Hours | To be selected from: |
| :--- | :---: | :--- |
|  <br> Oral Communication | 9 | ENGL 1113 or 1313; \& 1213 or 1413 or <br> 3323. (See Academic Regulation 3.5 in Catalog) <br> SPCH 2713 |
| American History \& Government | 6 | HIST 1103 or 1483 or 1493; <br> POLS 1113 |
| Analytical \& Quantitative Thought <br> (A) | 6 | MATH 1483 or 1513; <br> STAT 2013 or 2023 |
| Humanities (H) | 6 | 6 hours from courses designated (H); must <br> include one lower-division course |
| Natural Sciences (N) | 8 | NSCI 2114 and 4 hours from courses <br> designated (N,L) |
| Social \& Behavioral Sciences (S) | 3 | 3 hours from courses designated (S) |
| Diversity (D) | -- | Any (D) designated course <br> Students are encouraged to meet the requirement <br> in their selection of (H) course work |
| International Dimension (I) | - | Any course designated (I). May be satisfied <br> in any part of the degree program. |
| Scientific Investigation (L) | -- | Requirement met by (N,L) course. <br> COLLEGE/DEPARTMENTAL REQUIREMENTS: $\mathbf{3 ~ H o U R S * * ~}$ |


| MAJOR REQUIREMENTS: 59 Hours** |  |  |  |
| :--- | :--- | :--- | :--- |
| Departmental Core |  |  |  |
| HDFS 1112 | HDFS 3423 | HDFS 3523 | HDFS 4473 |
| HDFS 2113 | HDFS 3433 | HDFS 3533 | HDFS 4521 |
| HDFS 3113 | HDFS 3443 | HDFS 4413 | HDFS 4525 |
| HDFS 3123 | HDFS 3453 | HDFS 4423 | HDFS 4533 |
| HDFS 3413 | HDFS 3513 | HDFS 4433 | BCOM 3113 |

## Specialty Requirements Minimum: 18 Hours

Complete minimum hours in one of five specialties listed below:

1. Child and Parenting Practitioner/Child Life Specialist (minimum 21 hours) HDFS 2213
18-19 hours from CDIS 3213; EPSY 3113 or 3213 or 3413; HDFS 3203, HDFS 4850 (Child Issues or Parent Education); HHP 2712 or 3223 or 4783; RMTR 2433; NSCl 3223; PSYC 2743 or 3443 or 4483; SOC 3223 or 3523
2. Family Life Educator (minimum 18 hours)

HDFS 2213, 4443, 4543, 4713, 4793; SOC 2123
3. Pre-Professional/Pre-Health (minimum 21 hours)

Pre-Professional/Pre-Health controlled electives to be approved by advisor (Check specific admission requirements at university of choice)
4. Pre-Professional/Pre-Law (minimum 21 hours)

15 hours from: CS 1113; ECON 1113; PHIL 1313; POLS 2013, 2023; PSYC 1113, PSYC 4213; SOC 1113, 2123, 3223; SPCH 3733
6 hours from: POLS $3353,3414,3533,3983,4000$ (3 hours); SOC 3523, 4023, 4333, 4443
5. Individualized Plan (minimum 21 hours)

Controlled electives from minor within another department (approved by HDFS) or 21 hours with a clearly articulated emphasis approved by the HDFS dept head.

## Electives: 6 Hours

Up to 6 hours of electives approved by HDFS to total the minimum 124 hours required for graduation.

## Other Requirements:

* 45 hours must be upper-division and 60 hours must be completed at a four-year institution.
** A 2.50 Major GPA is required. This includes all courses in College/Departmental and Major Requirements.
Transfer Admission Requirements: 2.00 GPA for less than 31 hours; 2.25 GPA for $31-45$ hours; 2.50 GPA for more than 45 hours.
HDFS 1112, HDFS 3523, HDFS 3533 and HDFS 4521 must be completed prior to enrolling in internship hours.
Students will be held responsible for degree requirements in effect at the time of matriculation and any changes that are made, so long as these changes do not result in semester credit hours being added or do not delay graduation. COLLEGE OF HUMAN SCIENCES OKLAHOMA STATE UNIVERSITY

General Requirements for Students Matriculating in Academic Year 2011-2012
BACHELOR of SCIENCE in HUMAN ENVIRONMENTAL SCIENCES
MAJOR: Human Development and Family Science OPTION: Early Childhood Education Minimum Overall Grade Point Average: 2.50 (cumulative graduation/retention GPA)

Other GPA requirements see below.

| GENERAL EDUCATION REQUIREMENTS: O HOURS |  |  |
| :--- | :---: | :--- |
| Area | Hours | To be selected from: |
|  <br> Oral Communication | -- | (See Academic Regulation 3.5 in Catalog) <br> 9 hours included in major requirements. |
| American History \& Government | -- | 6 hours included in major requirements. |
| Analytical \& Quantitative Thought <br> (A) | -- | 6 hours of (A) designated courses are <br> included in major requirements. |
| Humanities (H) | -- | 6 hours of (H) designated courses are <br> included in major requirements. |
| Natural Sciences (N) | -- | 8 hours of (N) designated courses are <br> included in major requirements. |
| Social \& Behavioral Sciences (S) | -- | 6 hours of (S) designated courses are <br> included in major requirements. |
| Diversity (D) | -- | Any course designated (D) <br> Students are encouraged to meet the requirement <br> in their selection of (H) course work. |
| International Dimension (I) | -- | 3 hours of (II designated courses are <br> included in major requirements. |
| Scientific Investigation (L) | - | Requirement met by (N,L) course. |


| Major Requirements: 88 Hours** |  |  |
| :---: | :---: | :---: |
| HDFS 2233 | HDFS 3103 | 3 HDFS 3223 |
| HDFS 2243 | HDFS 3123 | 3 HDFS 3233 |
| HDFS 3021 | HDFS 3201 | 1 HDFS 4333 |
| HDFS 3024 | HDFS 3213 |  |
| Subject Area Requirements: 58 Hours |  |  |
| Area | Hours | To be selected from: |
| Analytical \& Quantitative Thought | 12 M | MATH 1513, 3403, 3603, STAT 2013 |
| English Composition \& | 12 EN | ENGL 1113 or 1313, 1213 or 1413 , |
| Oral Communication | SP | SPCH 2713 and 3 hours from |
| Social \& Cultural Dimension | 22 H | HIST 1103 or 1483 or 1493; |
|  |  | POLS 1113; GEOG 1113 or 2253 and |
|  |  | 3 hours from ART 1603; FLL 2103, <br> 2203; MUSI 2573; PHIL 1013, 1213 or |
|  |  | TH 2413 and 10 hours from one |
|  |  | language: CHIN, FREN, GRMN, JAPN, RUSS, SPAN |
| Natural Sciences | 12 BI | BIOL 1114 and NSCI 2114 and |
|  |  | 4 hours from ASTR 1014, 1024; |
|  |  | $\text { GEOL } 1014$ |

Professional Core: 31 Hours**
HDFS 2113, 2211, 2223, 3113, 3243, 3246, 3413, 4223, 4226

## Other Requirements:

* 45 hours must be upper-division and 60 hours must be completed at a four-year institution.

For licensure/standard certification, the student must demonstrate conversational skills in a foreign language at a novice high level, as defined by the American Council on the Teaching of Foreign Languages. For licensure/standard certification, the student must successfully complete the OGET, OSAT, and OPTE exams and a minimum of three portfolio submissions.
** Required for graduation: (1) 2.50 overall GPA and (2) 2.50 GPA in Major Requirements and College/Departmental Requirements.
** Required for recommendation for Licensure/Standard Certification: (1) 2.50 overall GPA, 2.50 in the Professional Core and a 2.50 GPA of the combined Early Childhood Education and Subject Area Requirements courses; (2) No grades lower than "C" in all Major Requirements, including Early Childhood Education, Subject Area Requirements, and Professional Core Courses; and (3) grades of "P" in HDFS 3246 and HDFS 4226.
Transfer Admission Requirements: 2.00 for less than 31 hours; 2.25 for $31-45$ hours; 2.50 for more than 45 hours. The following courses must be completed at Oklahoma State University after full admission to Professional Education: HDFS 3024, 3103, 3201, 3213, 3223, 3233, 3243, 3246, 4223, 4226, 4333.

Students will be held responsible for degree requirements in effect at the time of matriculation and any changes that are made, so long as these changes do not result in semester credit hours being added or do not delay graduation.

COLLEGE OF HUMAN SCIENCES

| GENERAL EDUCATION REQUIREMENTS: 37 HoURS |  |  |
| :--- | :---: | :--- |
| Area | Hours | To be selected from: |
|  <br> Oral Communication | 9 | ENGL 1113 or 1313; and 1213 or 1413 or <br> 3323. (See Academic Regulation 3.5 in Catalog.) <br> SPCH 2713 |
| American History \& Government | 6 | HIST 1103 or 1483 or 1493; <br> POLS 1113 |
| Analytical \& Quantitative Thought <br> (A) | 6 | MATH 1513 or 1483; <br> STAT 2013 or 2023 |
| Humanities (H) | 6 | One upper-division (H) course (3 hours) and <br> one lower-division (H) course (3 hours) (DH <br> course recommended to meet D <br> requirements) |
| Natural Sciences (N) | 7 | DHM 2573 and NSCI 2114 |
| Social \& Behavioral Sciences (S) | 3 | PSYC 1113 or SOC 1113 |
| Diversity (D) | -- | Any course designated (D). <br> Students are encouraged to meet the requirement <br> in their selection of (H) course work. |
| International Dimension (I) | -Any course designated (I). <br> HDFS 3203 recommended as an elective <br> for (I) credit. |  |
| Requirement met by (N, L) course. |  |  |

College/Departmental Requirements: 3 Hours**

| Human Environmental Sciences | 2 | HES 1112 or 3112 |
| :--- | :---: | :--- |
| Human Development and Family <br> Science | 1 | HDFS 3001 |

MAJOR REQUIREMENTS: 52 HoURS**
Minimum grade of "C" in each course; Minimum 2.75 major GPA required
Departmental Core

| HDFS 1112 | HDFS 3433 | HRAD 1114 |
| :--- | :--- | :--- |
| HDFS 2113 | HDFS 4413 | HRAD 2021 |
| HDFS 2213 | HDFS 4433 | NSCI 3223 |
| HDFS 3123 | DHM 1003 | NSCI 4373 |
| HDFS 3413 | DHM 1103 | BCOM 3113 |
| HDFS 3423 | DHM 2203 | FIN 2123 |

## Professional Core Requirements: 24-26 Hours**

Minimum grade of "C" in each course; Minimum 2.75 major GPA required.
Career and Technical Education Requirements:
CTED 3203
CTED 3903
CTED 4103
CTED 4123
CTED 4213
CTED 4343
SPED 3202 (FACSED only)
(Courses include 45 hours of directed observation, which are required for admission to Professional Education.)
Professional Internship or Student Teaching Experience 6 total hours from one of the following professional areas:

FCS Cooperative Extension Service - Professional Area
HDFS 4521 Pre-Internship (one credit hour) and HDFS 4525 Cooperative Extension Service Internship (5 credit hours)
FACS School Instruction - Professional Area
HDFS 4526 FCS Student Teaching ( 6 credit hours)
(Student must be fully admitted to Professional Education Unit for student teaching.)

## General Electives: 5 Hours**

Up to 5 hours electives approved by HDFS to total minimum of 121-123 hours required for graduation; 5 elective hours must be foreign language if not met through high school courses (foreign language required by Oklahoma Commission for Teacher Preparation); "D" and "I" courses required for graduation.

## Other Requirements:

* 45 hours must be upper-division and 60 hours must be completed at a four-year institution.
** Required for graduation: (1) 2.50 overall GPA (cumulative) and (2) 2.75 GPA in combination of Major Requirements, Professional Core Requirements, and College/Departmental Requirements.
** Required for recommendation for Licensure/Standard Certification: (1) 2.50 overall GPA (cumulative); (2) 2.75 GPA in Major Requirements and Professional Core Requirements; (3) No grades lower than "C" in all College/Departmental Requirements, Major Requirements and Professional Core Requirements; and (4) Grade of "P" in all pass/fail courses.

For licensure/standard certification, the student must demonstrate conversational skills in a foreign language at a novice high level, as defined by the American Council on the Teaching of Foreign Languages.
For licensure/standard certification, the student must successfully complete the OGET, OSAT, and OPTE exams and a minimum of three portfolio submissions.
Transfer Admission Requirements: 2.00 GPA for less than 31 hours; 2.25 GPA for $31-45$ hours; 2.50 GPA for more than 45 hours.
HDFS 1112 and HDFS 4521 must be completed prior to enrolling in internship course for the FCS Cooperative Extension Service Professional Area.
Students will be held responsible for degree requirements in effect at the time of matriculation (date at first enrollment) and any changes that are made, so long as these changes do not result in semester credit hours being added or do not delay graduation.

## COLLEGE OF HUMAN SCIENCES

General Requirements for Students Matriculating in Academic Year 2011-2012
BACHELOR of SCIENCE in HUMAN ENVIRONMENTAL SCIENCES
MAJOR: Human Development and Family Science OPTION: Gerontology
Minimum Overall Grade Point Average: 2.50
(cumulative graduation/retention GPA)
Other GPA requirements see below.

| GENERAL EDUCATION REQUIREMENTS: $\mathbf{3 8}$ HoURS |  |  |
| :--- | :---: | :--- |
| Area | Hours | To be selected from: |
|  <br> Oral Communication | 9 | ENGL 1113 or 1313; and 1213 or 1413 or <br> 3323. (See Academic Regulation 3.5 in Catalog) <br> SPCH 2713 |
| American History \& Government | 6 | HIST 1103 or 1483 or 1493; <br> POLS 1113 |
| Analytical \& Quantitative Thought <br> (A) | 6 | MATH 1483 or 1513; <br> STAT 2013 or 2023 |
| Humanities (H) | 6 | 6 hours from courses designated (H); <br> must include at least 3 hours from lower- <br> division requirement. |
| Natural Sciences (N) | 8 | NSCI 2114 <br> 4 hours from courses designated (N,L) |
| Social \& Behavioral Sciences (S) | 3 | 3 hours from courses designated (S) |
| Diversity (D) | -- | Any (D) designated course <br> Students are encouraed to meet the requirement <br> in their selection of (H) course work. |
| International Dimension (I) | -- | Any course designated (I). May be satisfied <br> in any part of the degree program. |
| Scientific Investigation (L) | -- | Requirement met by (N,L) course |

College/Departmental Requirements: 3 Hours**

| Human Environmental Sciences | 2 | HES 1112 or 3112 |
| :--- | :---: | :--- |
| Human Development and Family <br> Science | 1 | HDFS 3001 |

## Major Requirements: 59 Hours**

Departmental Core

| HDFS 1112 | HDFS 3423 | HDFS 3523 | HDFS 4473 |
| :--- | :--- | :--- | :--- |
| HDFS 2113 | HDFS 3433 | HDFS 3533 | HDFS 4521 |
| HDFS 3113 | HDFS 3443 | HDFS 4413 | HDFS 4525 |
| HDFS 3123 | HDFS 3453 | HDFS 4423 | HDFS 4533 |
| HDFS 3413 | HDFS 3513 | HDFS 4433 | BCOM 3113 |

## SPECIALTY REQUIREMENTS: 18 HoURS

6 hours from the following (or as approved by department):

> HDFS 4813
> HDFS 4823

12 hours from the following (or as approved by department):
BIOL 3223;
CDIS 3213;
DHM 4143;
ECON 3523;
HDFS 4713;
HHP 3114, 3613, 4783;
LEIS 3423, 4943;
MGMT 3013, 4213;
NSCI 3223, 4023;
PHIL 3833, 4013;
PSYC 3823, 3713, 4223;
SOC 3993, 4533;
ZOOL 3204

## Electives: 6 Hours

6 hours of electives approved by HDFS to total the minimum 124 hours required for graduation.

## Other Requirements:

* 45 hours must be upper-division and 60 hours must be completed at a four-year institution.
** A 2.50 Major GPA is required. This includes all courses in College/Departmental and Major Requirements.
Transfer Admission Requirements: 2.00 GPA for less than 31 hours; 2.25 GPA for $31-45$ hours; 2.50 GPA for more than 45 hours.
HDFS 1112, HDFS 3523, HDFS 3533 and HDFS 4521 must be completed prior to enrolling in internship hours.
Students will be held responsible for degree requirements in effect at the time of matriculation and any changes that are made, so long as these changes do not result in semester credit hours being added or do not delay graduation.

Signature on file in the Office of the Registrar

## COLLEGE OF HUMAN SCIENCES

General Requirements for Students Matriculating in Academic Year 2011-2012
BACHELOR of SCIENCE in HUMAN ENVIRONMENTAL SCIENCES
MAJOR: Nutritional Sciences OPTION: Allied Health
Minimum Overall Grade Point Average: 2.50
(cumulative graduation/retention GPA)
Other GPA requirements see below.

| GENERAL EDUCATION REQUIREMENTS: 43 HOURS |  |  |
| :--- | :---: | :--- |
| Area | Hours | To be selected from: |
|  <br> Oral Communication | 9 | ENGL 1113 or 1313; and 1213 or 1413 or <br> $3323 . ~(S e e ~ A c a d e m i c ~ R e g u l a t i o n ~ 3.5 ~ i n ~ C a t a l o g) ~$ <br> SPCH 3723 (or 2713) |
| American History \& Government | 6 | HIST 1103 or 1483 or 1493; <br> POLS 1113 |
| Analytical \& Quantitative Thought <br> (A) | 6 | MATH 1513; <br> STAT 2013 or 2023 |
| Humanities (H) | 6 | Select from courses designated (H); (at <br> least 3 hours from lower-division) |
| Natural Sciences (N) | 13 | BIOL 1114, CHEM 1215 or 1314 and <br> CHEM 1225 or 1515 (see advisor) |
| Social \& Behavioral Sciences (S) | 3 | 3 hours from ECON, PSYC or SOC courses <br> designated (S) |
| Diversity (D) | -- | Any course designated (D) <br> Students are encouraged to meet the requirement <br> in their selection of (H) course work |
| International Dimension (I) | -- | Requirement met by NSCI 3543 |
| Scientific Investigation (L) | - | Requirement met by (N,L) course. |


| Human Environmental Sciences | 5 | HES 1112 or 3112; <br> HDFS 2113 or 2114 (Honors) |
| :--- | :---: | :--- |
| Nutritional Sciences | 3 | NSCl 4643 |

NOTE: If student chooses CHEM 3015 they must take 21 hours controlled elective. If student chooses CHEM 3053, 3112 and 3153 they must take 18 controlled elective hours.

Ensure that enough upper-division controlled electives are taken to meet the 40 hour upper-division Regents requirement.

This degree program does not meet all the Didactic Program in Dietetics Academic Course Requirements. See the dietetics option sheet for courses to be added.

## Major Requirements: 69 Hours**

NSCI 2114, 3223, 3440 (1 hour), 3543, 4023, 4323
CHEM 3015 or 3053, 3112, and 3153 (complete series) see advisor BIOC 3653

HHP 2603, 2802
MICR 2123, 2132
UNIV 2511
ZOOL 1604, 2104, 3204

18-21 controlled electives to total 69 hours of major requirements.

Other Requirements:

* 40 upper-division hours required and 60 hours must be completed at a four-year institution.
${ }^{\text {** }}$ A 2.50 Major GPA is required. This includes all courses in College/Departmental and Major Requirements.
A grade of "C" or better is required in all NSCl 3000- and 4000-level courses.
Transfer Admission Requirements: 2.50 GPA.
Students will be held responsible for degree requirements in effect at the time of matriculation and any changes that are made, so long as these changes do not result in semester credit hours being added or do not delay graduation.

Signature on file in the Office of the Registrar

DEPARTMENT HEAD

## COLLEGE OF HUMAN SCIENCES

## OKLAHOMA STATE UNIVERSITY

General Requirements for Students Matriculating in Academic Year 2011-2012
BACHELOR of SCIENCE in HUMAN ENVIRONMENTAL SCIENCES
MAJOR: Nutritional Sciences OPTION: Community Nutrition
Minimum Overall Grade Point Average: 2.50
Total Hours: 120*
(cumulative graduation/retention GPA)
Other GPA requirements see below.

| GENERAL EDUCATION REQUIREMENTS: 43 HOURS |  |  |
| :--- | :---: | :--- |
| Area | Hours | To be selected from: |
|  <br> Oral Communication | 9 | ENGL 1113 or 1313; and 1213 or 1413 or <br> $3323 .($ See Academic Regulation 3.5 in Catalog) <br> SPCH 2713 or 3723 |
| American History \& Government | 6 | HIST 1103 or 1483 or 1493; <br> POLS 1113 |
| Analytical \& Quantitative Thought <br> (A) | 6 | MATH 1513; <br> STAT 2013 or 2023 |
| Humanities (H) | 6 | Select from courses designated (H); <br> (at least 3 hours from lower-division) |
| Natural Sciences (N) | $13-14$ | BIOL 1114, CHEM 1215 or 1314 and <br> CHEM 1225 or 1515 |
| Social \& Behavioral Sciences (S) | 3 | 3 hours from ECON, PSYC or SOC courses <br> designated (S) |
| Diversity (D) | -- | Any course designated (D) <br> Students are encouraged to meet the requirement <br> in their selection of (H) course work. |
| International Dimension (I) | -- | Requirement met by NSCI 3543 |
| Scientific Investigation (L) | - | Requirement met by (N,L) course |


|  | MAJOR REQUIREMENTS: $\mathbf{6 9}$ Hours ${ }^{* *}$ |
| :--- | :--- |
|  |  |
| NSCI | $2114,3223,3440(1$ hour), $3543,3813,4023,4323,4733$ |
| BIOC | 3653 |
| CHEM | 3015 |
| FIN | 2123 |
| HRAD | 1114,2021 |
| MKTG | 3213 |
| ZOOL | 3204 |

23 hours controlled electives to total 69 hours of major requirements.

Ensure that enough upper-division controlled electives are taken to meet the 40 upperdivision Regents requirement.

This degree program does not meet all the Didactic Program in Dietetics Academic Course Requirements. See the dietetics option sheet for courses to be added.

## Other Requirements:

* 40 upper-division hours required and 60 hours must be completed at a four-year institution.
${ }^{\text {** }}$ A 2.50 Major GPA is required. This includes all courses in College/Departmental and Major Requirements.
A grade of " C " or better is required in all NSCl 3000- and 4000-level courses.
Transfer Admission Requirements: 2.50 GPA.
Students will be held responsible for degree requirements in effect at the time of matriculation and any changes that are made, so long as these changes do not result in semester credit hours being added or do not delay graduation.
Signature on file in the Office of the Registrar


## Signature on file in the Office of the Registrar

DEAN

BACHELOR of SCIENCE in HUMAN ENVIRONMENTAL SCIENCES
MAJOR: Nutritional Sciences OPTION: Dietetics

Minimum Overall Grade Point Average: 2.50
(cumulative graduation/retention GPA)
Other GPA requirements see below.

Total Hours: 121*

| GEnEral Education Requirements: 43 Hours |  |  |
| :---: | :---: | :---: |
| Area | Hours | To be selected from: |
| English Composition \& Oral Communication | 9 | ENGL 1113 or 1313; and 1213 or 1413 or 3323. (See Academic Regulation 3.5 in Catalog) SPCH 3723 (or 2713) |
| American History \& Government | 6 | HIST 1103 or 1483 or 1493; POLS 1113 |
| Analytical \& Quantitative Thought (A) | 6 | MATH 1513; STAT 2013 or 2023 |
| Humanities (H) | 6 | Select from courses designated (H); (at least 3 hours from lower-division) |
| Natural Sciences (N) | 13-14 | BIOL 1114, CHEM 1215 or 1314 and CHEM 1225 or 1515 |
| Social \& Behavioral Sciences (S) | 3 | PSYC 1113 |
| Diversity (D) | -- | Any course designated (D) <br> Students are encouraged to meet the requirement in their selection of $(H)$ course work. |
| International Dimension (I) | -- | Requirement met by NSCl 3543 |
| Scientific Investigation (L) | -- | Requirement met by ( $\mathrm{N}, \mathrm{L}$ ) course. |
| College/Departmental Requirements: 8 Hours** |  |  |
| Human Environmental Sciences | 5 | HES 1112 or 3112; HDFS 2113 or 2114 (Honors) |
| Nutritional Sciences | 3 | NSCI 4643 |

Other Requirements:

* 40 upper-division hours required and 60 hours must be completed at a four-year institution.
** A 2.50 Major GPA is required. This includes all courses in College/Departmental and Major Requirements.
A grade of " $C$ " or better is required in all NSCI 3000- and 4000-level courses.
Transfer Admission Requirements: 2.50 GPA.
Students will be held responsible for degree requirements in effect at the time of matriculation and any changes that are made, so long as these changes do not result in semester credit hours being added or do not delay graduation.

Signature on file in the Office of the Registrar

DEPARTMENT HEAD

## COLLEGE OF HUMAN SCIENCES

## OKLAHOMA STATE UNIVERSITY

General Requirements for Students Matriculating in Academic Year 2011-2012
BACHELOR of SCIENCE in HUMAN ENVIRONMENTAL SCIENCES
MAJOR: Nutritional Sciences OPTION: Dietetics and Exercise

Minimum Overall Grade Point Average: 2.50<br>Total Hours: 146*<br>(cumulative graduation/retention GPA)<br>Other GPA requirements see below.

| General Education Requirements: 43 Hours |  |  |
| :---: | :---: | :---: |
| Area | Hours | To be selected from: |
| English Composition \& Oral Communication | 9 | ENGL 1113 or 1313; and 1213 or 1413 or 3323. (See Academic Regulation 3.5 in Catalog) SPCH 3723 (or 2713) |
| American History \& Government | 6 | HIST 1103 or 1483 or 1493; POLS 1113 |
| Analytical \& Quantitative Thought (A) | 6 | MATH 1513; STAT 2013 or 2023 |
| Humanities (H) | 6 | Select from courses designated (H); (at least 3 hours from lower-division) |
| Natural Sciences ( N ) | 13-14 | BIOL 1114; CHEM 1215 or 1314 and CHEM 1225 or 1515 |
| Social \& Behavioral Sciences (S) | 3 | PSYC 1113 |
| Diversity (D) | -- | Any course designated (D) Students are encouraged to meet the requirement in their selection of (H) course work |
| International Dimension (I) | -- | Requirement met by NSCI 3543 |
| Scientific Investigation (L) | -- | Requirement met by ( $\mathrm{N}, \mathrm{L}$ ) course. |
| College/Departmental Requirements: 8 Hours** |  |  |
| Human Environmental Sciences | 5 | HES 1112 or 3112; <br> HDFS 2113 or 2114 (Honors) |
| Nutritional Sciences | 3 | NSCI 4643 |

## Major Requirements: 95 Hours**

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NSCI 2211, 2114, 3133, 3223, 3440 (1 hour), 3543,
    3813, 4111, 4133, 4323, 4573, 4733, 4854, 4864
BIOC 3653
CHEM 3015
HHP 2553, 2602, 2654, 3114, 3663, 3673, 4773
HRAD 1114, 2021, 2152, 2282, 2665, 3213
MICR 2123,2132
ZOOL 3204
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This degree program meets the Didactic Program in Dietetics requirements for the Commission on Accreditation for Dietetics Education of the American Dietetic Association, 120 South Riverside Plaza, Suite 2000, Chicago, IL 60606-6995, 312/8990040, Ext. 5400.

## Other Requirements:

* 40 upper-division hours required and 60 hours must be completed at a four-year institution.
** A 2.50 Major GPA is required. This includes all courses in College/Departmental and Major Requirements.
A grade of " $C$ " or better is required in all NSCI 3000- and 4000-level courses.
Transfer Admission Requirements: 2.50 GPA.
Students will be held responsible for degree requirements in effect at the time of matriculation (date of first enrollment) and any changes that are made, so long as these changes do not result in semester credit hours being added or do not delay graduation.

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DEAN

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| GEnEral Education Requirements: 52 HoUrs |  |  | Major Requirements: 62 Hours** |
| :---: | :---: | :---: | :---: |
| Area | Hours | To be selected from: | NSCI 2114, 3223, 3440 (1 hr), 3543, 4023, 4323 BIOC 3653, 4113 |
| English Composition \& Oral Communication | 9 | ENGL 1113 or 1313 ; and 1213 or 1413 or 3323 (See Academic Regulation 3.5 in Catalog) SPCH 3723 (or 2713) |  |
| American History \& Government | 6 | HIST 1103 or 1483 or 1493; POLS 1113 | $\text { CHEM } 3053,3112,3153$ |
| Analytical \& Quantitative Thought (A) | 6 | MATH 1715 (or 1513 + 1613); 2103 | MICR 2123, 2132, 3033 STAT 2013 |
| Humanities (H) | 6 | PHIL 1213 <br> 3 hours from courses designated (H); <br> Students are encouraged to select a course with (D,H) designation. | UNIV 2511 $\text { ZOOL 1604, 2104, } 3204$ |
| Natural Sciences (N) | 9 | CHEM 1314, 1515 |  |
| Social \& Behavioral Sciences (S) | 6 | SOC 1113;PSYC 1113 |  |
| Diversity (D) | -- | Any course designated (D) Students are encouraged to meet the requirement in their selection of $(\mathrm{H})$ course work |  |
| International Dimension (I) | -- | Requirement met by NSCI 3543 |  |
| Scientific Investigation (L) | 8 | PHYS 1114 and 1214 or 2014 and 2114 |  |
| College/Departmental Requirements: 8 Hours** |  |  | This degree program meets pre-med requirements in Oklahoma medical schools. |
| Human Environmental Sciences | 5 | HES 1112 or 3112; <br> HDFS 2113 or 2114 (Honors) | Course Requirements. See the Nutritional Sciences Major/Dietetics Option sheet for courses necessary to meet these requirements. |
| Nutritional Sciences | 3 | NSCI 4643 |  |

## Other Requirements:

* 40 upper-division hours required and 60 hours must be completed at a four-year institution.
** A 2.50 Major GPA is required. This includes all courses in College/Departmental and Major Requirements.
A grade of "C" or better is required in all NSCl 3000- and 4000-level courses.
One literature course required as lower-division humanities for most medical school admissions.
This degree sheet includes requirements for pre-medical, pre-dental, pre-pharmacy and pre-optometry.
Transfer Admission Requirements: 2.50 GPA.
Students will be held responsible for degree requirements in effect at the time of matriculation and any changes that are made, so long as these changes do not result in semester credit hours being added or do not delay graduation.

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DEPARTMENT HEAD

## COLLEGE OF HUMAN SCIENCES

General Requirements for Students Matriculating in Academic Year 2011-2012
BACHELOR of SCIENCE in HUMAN ENVIRONMENTAL SCIENCES
MAJOR: Nutritional Sciences OPTION: Nutrition and Exercise
Minimum Overall Grade Point Average: 2.50
Total Hours: 120*
(cumulative graduation/retention GPA)
Other GPA requirements see below.

| General Education Requirements: 43 Hours |  |  |
| :---: | :---: | :---: |
| Area | Hours | To be selected from: |
| English Composition \& Oral Communication | 9 | ENGL 1113 or 1313; and 1213 or 1413 or 3323. (See Academic Regulation 3.5 in Catalog) SPCH 2713 or 3723 |
| American History \& Government | 6 | HIST 1103 or 1483 or 1493; POLS 1113 |
| Analytical \& Quantitative Thought (A) | 6 | MATH 1513; STAT 2013 or 2023 |
| Humanities (H) | 6 | Select from courses designated (H) (at least 3 hours from lower-division) |
| Natural Sciences ( N ) | 13 | BIOL 1114; CHEM 1215 or 1314 and CHEM 1225 or 1515 |
| Social \& Behavioral Sciences (S) | 3 | PSYC 1113 |
| Diversity (D) | -- | Any course designated (D) Students are encouraged to meet the requirement in their selection of (H) course work. |
| International Dimension (I) | -- | Requirement met by NSCI 3543 |
| Scientific Investigation (L) | -- | Requirement met by ( $\mathrm{N}, \mathrm{L}$ ) course |
| College/Departmental Requirements: 8 Hours** |  |  |
| Human Environmental Sciences | 5 | HES 1112 or 3112; <br> HDFS 2113 or 2114 (Honors) |
| Nutritional Sciences | 3 | NSCI 4643 |

## Major Requirements: 69 Hours**

NSCI 2114, 3223, 3440 (2 hours), 3543, 4023, 4133, 4323
BIOC 3653
CHEM 3015
HHP 2553, 2602, 2603, 2654, 2802, 3114, 3663, 3673, 4773
MGMT 3013
PSYC 3013
ZOOL 3204
3 hours controlled electives to total 69 hours of major requirements.

This degree program does not meet all the Didactic Program in Dietetics academic course requirements. See the dietetics option sheet for courses to be added.

This degree program meets the American College of Sports Medicine recommended course work competencies for Exercise Specialist certification. This degree does not provide the 600 hour internship needed for certification.

Other Requirements:

* 40 upper-division hours required and 60 hours must be completed at a four-year institution.
** A 2.50 Major GPA is required. This includes all courses in College/Departmental and Major Requirements.
A grade of " C " or better is required in all NSCI 3000- and 4000-level courses.
Transfer Admission Requirements: 2.50 GPA.
Students will be held responsible for degree requirements in effect at the time of matriculation and any changes that are made, so long as these changes do not result in semester credit hours being added or do not delay graduation.


## Spears School of Business

Bachelor of Science in Business Administration<br>BUS-1 - Accounting<br>BUS-2 - Economics<br>BUS-3 - Economics - Business Economics and Quantitative Studies<br>BUS-4 - Economics - Pre-Law<br>BUS-5 - Entrepreneurship<br>BUS-6 - Finance - Two Options<br>BUS-7 - General Business<br>BUS-8 - General Business - Pre-Law<br>BUS-9 - International Business<br>BUS-10 - Management<br>BUS-11 - Management - Human Resource Management<br>BUS-12 - Management - Sports Management<br>BUS-13 - Management Information Systems<br>BUS-14 - Management Information Systems - Information Assurance<br>BUS-15 - Management Information Systems - Management Science and Computer Systems<br>BUS-16 - Marketing

BACHELOR of SCIENCE in BUSINESS ADMINISTRATION
MAJOR: Accounting
Minimum Overall Grade Point Average: 2.00
(cumulative graduation/retention GPA)
Other GPA requirements see below.


## Electives: 7 Hours

> May be selected from any upper- or lower-division area except activity courses in LEIS and PE and lower-division AERO and MLSC.
> Twelve credit hours earned in advanced AERO and MLSC, exclusive of credit earned for summer camp, may be included in the 120 hours.

## Other Requirements:

1. A minimum of 50 percent of the business hours required for a degree must be in residence at OSU.
2. Forty-five hours of upper division courses and a minimum of 60 hours must be completed at a 4 -year institution.
3. A minimum of 15 of the last 30 hours must be in residence at OSU.

Students will be held responsible for degree requirements in effect at the time of matriculation and any changes that are made, so long as these changes do not result in semester credit hours being added or do not delay graduation.

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DEAN

BACHELOR of SCIENCE in BUSINESS ADMINISTRATION

## MAJOR: Economics

Minimum Overall Grade Point Average: $\mathbf{2 . 0 0}$ (cumulative graduation/retention GPA)

Other GPA requirements see below.

| General Education Requirements: 34 Hours |  |  | MAJOR REQUIREMENTS: 69 Hours |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Area | Hours | To be selected from: | Common Body: 36 hours |  |  |  |
|  <br> Oral Communication | 6 | ENGL 1113 or 1313 ; \& 1213 or 1413. <br> (See Academic Regulation 3.5 in Catalog) | ACCT 2103 <br> MSIS 2103 <br> MKTG 3213 | ACCT 2203 <br> STAT 2023 <br> LSB 3213 | ECON 2103 <br> FIN 3113 <br> MSIS 3223 | ECON 2203 <br> MGMT 3013 <br> MGMT 4513 or EEE 4513 |
| American History \& Government | 6 | HIST 1103; POLS 1113 | Economics Major Requirements: 33 hours |  |  |  |
| Analytical \& Quantitative Thought (A) | 3 | MATH 1483 or 1513 |  |  |  |  |
| Humanities (H) | 6 | Any course designated (H). | $\text { ECON } 3113,3123$ |  |  |  |
| Natural Sciences (N) | 7 | One course designated ( $L, N$ ). One course designated ( N ). | 3 hours from: <br> BCOM 3113,3223 <br> ENGL 3030,3323 <br> SPCH |  |  |  |
| Social \& Behavioral Sciences (S) | 6 | Any course designated (S). |  |  |  |  |
| Diversity (D) | -- | Any course designated (D). Students are encouraged to meet the requirement in their selection of (H) or (S) course work. | 9 hours upper-division electives |  |  |  |
| International Dimension (I) | -- | Any course designated (I). Students are encouraged to meet the requirement in their selection of (H) or (S) course work. | Major Requirements. 15 of these 33 hours must be in residence at OSU. |  |  |  |
| Scientific Investigation (L) | -- | Any course designated (L). Students are encouraged to meet the requirement in their selection of ( N ) course work. |  |  |  |  |
| College/Departmental Requirements: 7 Hours |  |  | A GPA of 2.00 is required in these 69 hours (one average). |  |  |  |
| Orientation | 1 | BADM 1111 |  |  |  |  |
| Oral Communication | 3 | SPCH 2713 |  |  |  |  |
| Analytical and Quantitative | 3 | MATH 2103 |  |  |  |  |

## Electives: 10 Hours

> May be selected from any upper- or lower-division area except activity courses in LEIS and PE and lower-division AERO and MLSC. Twelve credit hours earned in advanced AERO and MLSC, exclusive of credit earned for summer camp, may be included in the 120 hours.

## Other Requirements:

1. A minimum of 50 percent of the business hours required for a degree must be in residence at OSU.
2. Forty-five hours of upper division courses and a minimum of 60 hours must be completed at a 4 -year institution.
3. A minimum of 15 of the last 30 hours must be in residence at OSU.

Students will be held responsible for degree requirements in effect at the time of matriculation and any changes that are made, so long as these changes do not result in semester credit hours being added or do not delay graduation.

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DEPARTMENT HEAD

# BACHELOR of SCIENCE in BUSINESS ADMINISTRATION 

MAJOR: Economics OPTION: Business Economics and Quantitative Studies
Minimum Overall Grade Point Average: 2.00
Total Hours: 120
(cumulative graduation/retention GPA)
Other GPA requirements see below.

| GENERAL EDUCATION REQUIREMENTS: 34 Hours |  |  | MAJOR REQUIREMENTS: 69 HoURS |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Area | Hours | To be selected from: | Common Body: 36 hours |  |  |  |
|  <br> Oral Communication | 6 | ENGL 1113 or 1313; \& 1213 or 1413. <br> (See Academic Regulation 3.5 in Catalog) | ACCT 2103 <br> MSIS 2103 <br> MKTG 3213 | ACCT 2203 <br> STAT 2023 <br> LSB 3213 | ECON 2103 <br> FIN 3113 <br> MSIS 3223 | ECON 2203 <br> MGMT 3013 <br> MGMT 4513 or EEE 4513 |
| American History \& Government | 6 | HIST 1103; POLS 1113 |  |  |  |  |
| Analytical \& Quantitative Thought (A) | 3 | MATH 1483 or 1513 | $\begin{aligned} & \text { ECON } 3023,3113,3123,3313 \\ & \text { ECON } 4213 \text { or } 4223 \\ & \text { MSIS } 3233 \end{aligned}$ |  |  |  |
| Humanities (H) | 6 | Any course designated (H). |  |  |  |  |
| Natural Sciences (N) | 7 | One course designated ( $\mathrm{L}, \mathrm{N}$ ). One course designated ( N ). | ECON - 6 additional upper-division hours. STAT 3013 |  |  |  |
| Social \& Behavioral Sciences (S) | 6 | Any course designated (S). | 3 hours from: <br> BCOM 3113, 3223 |  |  |  |
| Diversity (D) | -- | Any course designated (D). Students are encouraged to meet the requirement in their selection of $(\mathrm{H})$ or $(\mathrm{S})$ course work. | ENGL 3030,3323  <br> SPCH 3723 <br> 3 hours upper-divisio  | electives |  |  |
| International Dimension (I) | -- | Any course designated (I). Students are encouraged to meet the requirement in their selection of $(\mathrm{H})$ or $(\mathrm{S})$ course work. | A GPA of 2.00 is required in these 33 hours of Economics Major Requirements. 15 of these 33 hours must be in residence at OSU. |  |  |  |
| Scientific Investigation (L) | -- | Any course designated (L). Students are encouraged to meet the requirement in their selection of ( N ) course work. |  |  |  |  |
| College/Departmental Requirements: 7 Hours |  |  | A GPA of 2.00 is required in these 69 hours (one average). |  |  |  |
| Orientation | 1 | BADM 1111 |  |  |  |  |
| Analytical and Quantitative | 3 | MATH 2103 |  |  |  |  |
| Oral Communication | 3 | SPCH 2713 |  |  |  |  |

## Electives: 10 Hours

> May be selected from any upper- or lower-division area except activity courses in LEIS and PE and lower-division AERO and MLSC.
> Twelve credit hours earned in advanced AERO and MLSC, exclusive of credit earned for summer camp, may be included in the 120 hours.

## Other Requirements:

1. A minimum of 50 percent of the business hours required for a degree must be in residence at OSU.
2. Forty-five hours of upper division courses and a minimum of 60 hours must be completed at a 4 -year institution.
3. A minimum of 15 of the last 30 hours must be in residence at OSU.

Students will be held responsible for degree requirements in effect at the time of matriculation and any changes that are made, so long as these changes do not result in semester credit hours being added or do not delay graduation.

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DEAN

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DEPARTMENT HEAD

# BACHELOR of SCIENCE in BUSINESS ADMINISTRATION 

MAJOR: Economics OPTION: Pre-Law
Minimum Overall Grade Point Average: 2.00
(cumulative graduation/retention GPA)
Other GPA requirements see below.
Total Hours: 120

| General Education Requirements: 34 HoUrS |  |  | MAJOR REQUIREMENTS: 69 HoURSCommon Body: 36 hours |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Area | Hours | To be selected from: |  |  |  |  |
| English Composition \& Oral Communication | 6 | ENGL 1113 or 1313; \& 1213 or 1413. <br> (See Academic Regulation 3.5 in Catalog) | ACCT 2103 <br> MSIS 2103 <br> MKTG 3213 | ACCT 2203 <br> STAT 2023 <br> LSB 3213 | $\begin{aligned} & \text { ECON } 2103 \\ & \text { FIN } 3113 \\ & \text { MSIS } 3223 \end{aligned}$ | ECON 2203 <br> MGMT 3013 <br> MGMT 4513 or EEE 4513 |
| American History \& Government | 6 | HIST 1103; POLS 1113 |  |  |  |  |
| Analytical \& Quantitative Thought (A) | 3 | MATH 1483 or 1513 | $\text { ECON } 3113,3123,3713,4723$ |  |  |  |
| Humanities (H) | 6 | Any course designated (H). | ECON - 9 hours from other upper-division ECON courses |  |  |  |
| Natural Sciences (N) | 7 | One course designated ( $L, N$ ). One course designated ( N ). | $\begin{array}{ll} \text { PHIL } & 1313 \\ \text { POLS } & 3983 \end{array}$ |  |  |  |
| Social \& Behavioral Sciences (S) | 6 | Any course designated (S). | POLS 2023, 4963, 4973, 4983 SPCH 4733 |  |  |  |
| Diversity (D) | -- | Any course designated (D). Students are encouraged to meet the requirement in their selection of $(\mathrm{H})$ or (S) course work. | $\frac{3 \text { hours from: }}{\text { BCOM } 3113,3223}$ |  |  |  |
| International Dimension (I) | -- | Any course designated (I). Students are encouraged to meet the requirement in their selection of $(H)$ or (S) course work. | $\text { SPCH } 3723$ |  |  |  |
| Scientific Investigation (L) | -- | Any course designated (L). Students are encouraged to meet the requirement in their selection of $(\mathrm{N})$ course work. | A GPA of 2.00 is required in these 33 hours of Economics Major Requirements. 15 of these 33 hours must be in residence at OSU. |  |  |  |
| College/Departmental requirements: 7 Hours |  |  | A GPA of 2.00 is required in these 69 hours (one average). |  |  |  |
| Orientation | 1 | BADM 1111 |  |  |  |  |
| Oral Communication | 3 | SPCH 2713 |  |  |  |  |
| Analytical and Quantitative | 3 | MATH 2103 |  |  |  |  |

## Electives: 10 Hours

May be selected from any upper- or lower-division area except activity courses in LEIS and PE and lower-division AERO and MLSC. Twelve credit hours earned in advanced AERO and MLSC, exclusive of credit earned for summer camp, may be included in the 120 hours.

## Other Requirements:

1. A minimum of 50 percent of the business hours required for a degree must be in residence at OSU.
2. Forty-five hours of upper division courses and a minimum of 60 hours must be completed at a 4 -year institution.
3. A minimum of 15 of the last 30 hours must be in residence at OSU.

Students will be held responsible for degree requirements in effect at the time of matriculation and any changes that are made, so long as these changes do not result in semester credit hours being added or do not delay graduation.

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Students must apply to the Entrepreneurship major through the Department office, 104B Business Building

| GENERAL EDUCATION REQUIREMENTS / 34 HOURS |  |  |
| :--- | :---: | :--- |
| Area | Hours | To be selected from: |
|  <br> Oral Communication | 6 | ENGL 1113 or 1313; \& 1213 or 1413. <br> (See Academic Regulation 3.5 in Catalog) |
| American History \& Government | 6 | HIST 1103; POLS 1113 |
| Analytical \& Quantitative Thought <br> (A) | 3 | MATH 1483 or 1513 |
| Humanities (H) | 6 | Any course designated (H). |
| Natural Sciences (N) | 7 | One course designated (L, N). <br> One course designated (N). |
| Social \& Behavioral Sciences (S) | 6 | Any course designated (S). |
| Oral Communication | -- | Any course designated (D). Students are <br> encouraged to meet the requirement in their <br> selection of (H) or (S) course work. |
| Analytical \& Quantitative | 3 | SPCH 2713 <br> Orientation |
| International Dimension (I) | -- | Any course designated (I). Students are <br> encouraged to meet the requirement in their <br> selection of (H) or (S) course work. |
| Any course designated (L). Students are |  |  |
| encouraged to meet the requirement in their |  |  |
| selection of (N) course work. |  |  |

## MAJOR Requirements / 72 Hours

| Common Body: $\mathbf{3 6}$ hours |  |  |  |
| :--- | :--- | :--- | :--- |
| ACCT 2103 | ACCT 2203 | ECON 2103 | ECON 2203 |
| MSIS 2103 | STAT 2023 | FIN 3113 | MGMT 3013 |
| MKTG 3213 | LSB 3213 | MSIS 3223 | EEE 4513 |

Entrepreneurship Major Requirements: $\mathbf{3 6}$ hours
EEE 3023, 3263, 3663, 4653

9 hours from:
EEE 1010, 1020, 3020, 3033, 3513, 4010, 4113, 4263, 4313, 4483, 4603, 4610
ECON 3033
EPSY 3110
LSB 4403
MKTG 3323, 4333, 4973
15 hours from:
Select an additional 15 upper-division hours from fields in the SSB

A GPA of 2.00 is required in these 36 hours of Entrepreneurship major requirements. 18 of these 36 hours must be in residence at OSU.

A GPA of 2.20 is required in these 72 hours.

## Electives / 7 Hours

May be selected from any upper- or lower-division area except activity courses in LEIS and PE and lower-division AERO and MLSC.
Twelve credit hours earned in advanced AERO and MLSC, exclusive of credit earned for summer camp, may be included in the 120 hours.

## Other Requirements:

1. A minimum of 50 percent of the business hours required for a degree must be in residence at OSU.
2. Forty-five hours of upper division courses and a minimum of 60 hours must be completed at a 4 -year institution.
3. A minimum of 15 of the last 30 hours must be in residence at OSU.

Students will be held responsible for degree requirements in effect at the time of matriculation and any changes that are made, so long as these changes do not result in semester credit hours being added or do not delay graduation.
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BACHELOR of SCIENCE in BUSINESS ADMINISTRATION
MAJOR: Finance OPTION: Two Options
Minimum Overall Grade Point Average: 2.00
Total Hours: 120
(cumulative graduation/retention GPA)
Other GPA requirements see below.

| GENERAL EDUCATION REQUIREMENTS: 34 HOURS |  |  |
| :--- | :---: | :--- |
| Area | Hours | To be selected from: |
|  <br> Oral Communication | 6 | ENGL 1113 or 1313; \& 1213 or 1413. <br> (See Academic Regulation 3.5 in Catalog) |
| American History \& Government | 6 | HIST 1103; POLS 1113 |
| Analytical \& Quantitative Thought <br> (A) | 3 | MATH 1483 or 1513 |
| Humanities (H) | 6 | Any course designated (H). |
| Natural Sciences (N) | 7 | One course designated (L, N). <br> One course designated (N). |
| Social \& Behavioral Sciences (S) | 6 | Any course designated (S). |
| Diversity (D) | -- | Any course designated (D). Students are <br> encouraged to meet the requirement in their <br> selection of (H) or (S) course work. |
| International Dimension (I) | -- | Any course designated (I). Students are <br> encouraged to meet the requirement in their <br> selection of (H) or (S) course work. |
| Scientific Investigation (L) | -- | Any course designated (L). Students are <br> encouraged to meet the requirement in their <br> selection of (N) course work. |
| Orientation Communication | 3 | SPCH 2713 |
| CoLLEGE/DEPARTMENTAL REQUIREMENTS: 7 HoURS |  |  |

Major Requirements: 72 Hours

|  | Common Body: $\mathbf{3 6}$ hours |  |  |  |
| :--- | :--- | :--- | :--- | :---: |
| ACCT 2103 | ACCT 2203 | ECON 2103 | ECON 2203 |  |
| MSIS 2103 | STAT 2023 | FIN 3113 | MGMT 3013 |  |
| MKTG 3213 | LSB 3213 | MSIS 3223 | MGMT 4513 |  |

## Core Courses:

ACCT 3103
ECON 3313
FIN 4223, 4333
3 hours from:
BCOM 3113, 3223
ENGL 3323
SPCH 3703, 3723, 4753, 4763
Select one of two options listed below: 21 hours

1. General

18 hours from: FIN $3613,3713,4063,4113,4213,4363,4443,4453$,
4550 (max 6 hours), $4653,4763,4813,4843$
3 hours from: ACCT $3013,3113,3203,3603$; STAT 3013
2. Commercial Bank Management

FIN 4063, 4113, 4443, 4453
6 hours from: FIN $3613,3713,4363,4213,4550$ (max 6 hours),
4653, 4763, 4813, 4843
3 hours from: ACCT 3013, 3113, 3203, 3603; STAT 3013

## Electives: 7 Hours

May be selected from any upper- or lower-division area except activity courses in LEIS and PE and lower-division AERO and MLSC. Twelve credit hours earned in advanced AERO and MLSC, exclusive of credit earned for summer camp, may be included in the 120 hours.

## Other Requirements:

1. A minimum of 50 percent of the business hours required for a degree must be in residence at OSU.
2. Forty-five hours of upper division courses and a minimum of 60 hours must be completed at a 4 -year institution.
3. A minimum of 15 of the last 30 hours must be in residence at OSU.

Students will be held responsible for degree requirements in effect at the time of matriculation and any changes that are made, so long as these changes do not result in semester credit hours being added or do not delay graduation.
Signature on file in the Office of the Registrar Signature on file in the Office of the Registrar

BACHELOR of SCIENCE in BUSINESS ADMINISTRATION
MAJOR: General Business
Minimum Overall Grade Point Average: 2.00
(cumulative graduation/retention GPA)
Other GPA requirements see below.
Total Hours: 120

| GENERAL EDUCATION REQUIREMENTS: 34 HOURS |  |  |
| :--- | :---: | :--- |
| Area | Hours | To be selected from: |
|  <br> Oral Communication | 6 | ENGL 1113 or 1313; \& 1213 or 1413. <br> (See Academic Regulation 3.5 in Catalog) |
| American History \& Government | 6 | HIST 1103; POLS 1113 |
| Analytical \& Quantitative Thought <br> (A) | 3 | MATH 1483 or 1513 |
| Humanities (H) | 6 | Any course designated (H). |
| Natural Sciences (N) | 7 | One course designated (L, N). <br> One course designated (N). |
| Social \& Behavioral Sciences (S) | 6 | Any course designated (S). |
| Diversity (D) | -- | Any course designated (D). Students are <br> encouraged to meet the requirement in their <br> selection of (H) or (S) course work. |
| Oral Communication | 3 | SPCH 2713 |
| Onalytical and Quantitative | -- | Any course designated (I). Students are <br> encouraged to meet the requirement in their <br> selection of (H) or (S) course work. |
| International Dimension (I) | Any course designated (L). Students are <br> encouraged to meet the requirement in their <br> selection of (N) course work. |  |
| CoLLEGE/DEPARTMENTAL REQUIREMENTS: 7 HoURS |  |  |


| MAJOR REQUIREMENTS: 72 Hours |  |  |  |
| :---: | :---: | :---: | :---: |
| Common Body: 36 hours |  |  |  |
| ACCT 2103 | ACCT 2203 | ECON 2103 | ECON 2203 |
| MSIS 2103 | STAT 2023 | FIN 3113 | MGMT 3013 |
| MKTG 3213 | LSB 3213 | MSIS 3223 | MGMT 4513 or EEE 4513 |
| General Business Major Requirements: 36 hours |  |  |  |
| 3 hours from: |  |  |  |
| BCOM 3113, 3223 |  |  |  |
| ENGL 3323 |  |  |  |
| SPCH 3723 |  |  |  |
| 18 hours |  |  |  |
| Select three upper-division hours from six of the following eight areas: |  |  |  |
|  |  |  |  |
| ECON |  |  |  |
| EEE |  |  |  |
| FIN |  |  |  |
| LSB |  |  |  |
| MGMT |  |  |  |
| MKTG |  |  |  |
| MSIS |  |  |  |
| 15 hours |  |  |  |
| Select an additional 15 upper-division hours from fields in the SSB. |  |  |  |
| A GPA of 2.00 is required in these 36 hours of General Business Major Requirements. 18 of these 36 hours must be in residence at OSU. |  |  |  |
| A minimum GPA of 2.00 is required in these 72 hours. |  |  |  |

## Electives: 7 Hours

> May be selected from any upper- or lower-division area except activity courses in LEIS and PE and lower-division AERO and MLSC.
> Twelve credit hours earned in advanced AERO and MLSC, exclusive of credit earned for summer camp, may be included in the 120 hours.

## Other Requirements:

1. A minimum of 50 percent of the business hours required for a degree must be in residence at OSU.
2. Forty-five hours of upper division courses and a minimum of 60 hours must be completed at a 4 -year institution.
3. A minimum of 15 of the last 30 hours must be in residence at OSU.

Students will be held responsible for degree requirements in effect at the time of matriculation and any changes that are made, so long as these changes do not result in semester credit hours being added or do not delay graduation.
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DEPARTMENT HEAD

| General Education Requirements: 34 Hours |  |  | MAJOR REQUIREMENTS: 72 Hours |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Area | Hours | To be selected from: |  |  |  |  |
| English Composition \& Oral Communication | 6 | ENGL 1113 or 1313; \& 1213 or 1413. <br> (See Academic Regulation 3.5 in Catalog) | ACCT 2103 <br> MSIS 2103 <br> MKTG 3213 | ACCT 2203 <br> STAT 2023 <br> LSB 3213 | $\begin{aligned} & \text { ECON } 2103 \\ & \text { FIN } 3113 \\ & \text { MSIS } 3223 \end{aligned}$ | ECON 2203 <br> MGMT 3013 <br> MGMT 4513 or EEE 4513 |
| American History \& Government | 6 | HIST 1103; POLS 1113 | $\qquad$ |  |  |  |
| Analytical \& Quantitative Thought (A) | 3 | MATH 1483 or 1513 | Ge <br> 3 hours from: <br> BCOM 3113, 3223 | Business | Requirem | : 36 hours |
| Humanities (H) | 6 | Any course designated (H). | $\begin{aligned} & \text { ENGL } 3323 \\ & \text { SPCH } 3723 \end{aligned}$ |  |  |  |
| Natural Sciences (N) | 7 | One course designated ( $\mathrm{L}, \mathrm{N}$ ). One course designated ( N ). | $\frac{18 \text { hours }}{\text { Select three upper-di }}$ | ion hours from | of the following | eight areas: |
| Social \& Behavioral Sciences (S) | 6 | Any course designated ( S ). | $\begin{aligned} & \text { ACCT } \\ & \text { ECON } \\ & \text { EEE } \end{aligned}$ |  |  |  |
| Diversity (D) | -- | Any course designated (D). Students are encouraged to meet the requirement in their selection of (H) or (S) course work. | FIN <br> LSB <br> MGMT <br> MKTG |  |  |  |
| International Dimension (I) | -- | Any course designated (I). Students are encouraged to meet the requirement in their selection of (H) or (S) course work. | MSIS |  |  |  |
| Scientific Investigation (L) | -- | Any course designated (L). Students are encouraged to meet the requirement in their selection of $(\mathrm{N})$ course work. | ECON 3713, 4723 <br> LSB 4323, 4403, 4413, 4423, 4523, 4633 <br> POLS 3983, 4963, 4973, 4983 |  |  |  |
| College/Departmental Requirements: 7 Hours |  |  | A GPA of 2.00 is required in these 36 hours. 18 of these 36 hours must be in residence at OSU. |  |  |  |
| Orientation | 1 | BADM 1111 |  |  |  |  |
| Analytical and Quantitative | 3 | MATH 2103 | A minimum GPA of 2.00 is required in these 72 hours. |  |  |  |
| Oral Communication | 3 | SPCH 2713 |  |  |  |  |

## Electives: 7 Hours

> May be selected from any upper- or lower-division area except activity courses in LEIS and PE and lower-division AERO and MLSC.

Twelve credit hours earned in advanced AERO and MLSC, exclusive of credit earned for summer camp, may be included in the 120 hours.

## Other Requirements:

1. A minimum of 50 percent of the business hours required for a degree must be in residence at OSU.
2. Forty-five hours of upper division courses and a minimum of 60 hours must be completed at a 4 -year institution.
3. A minimum of 15 of the last 30 hours must be in residence at OSU.

Students will be held responsible for degree requirements in effect at the time of matriculation and any changes that are made, so long as these changes do not result in semester credit hours being added or do not delay graduation.

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DEPARTMENT HEAD

| GENERAL EDUCATION REQUIREMENTS: 34 HOURS |  |  |
| :--- | :---: | :--- |
| Area | Hours | To be selected from: |
|  <br> Oral Communication | 6 | ENGL 1113 or 1313; \& 1213 or 1413. <br> (See Academic Regulation 3.5 in Catalog) |
| American History \& Government | 6 | HIST 1103; POLS 1113 |
| Analytical \& Quantitative Thought <br> (A) | 3 | MATH 1483 or 1513 |
| Humanities (H) | 6 | Any course designated (H). |
| Natural Sciences (N) | 7 | One course designated (L, N). <br> One course designated (N). |
| Social \& Behavioral Sciences (S) | 6 | Any course designated (S). |
| Diversity (D) | -- | Any course designated (D). Students are <br> encouraged to meet the requirement in their <br> selection of (H) or (S) course work. |
| Oral Communication | 3 | SPCH 2713 <br> Onalytical and Quantitative <br> Scientific Investigation (L) |
| International Dimension (I) | $-\quad$Any course designated (I). Students are <br> encouraged to meet the requirement in their <br> selection of (H) or (S) course work. |  |
| Any course designated (L). Students are |  |  |
| encouraged to meet the requirement in their |  |  |
| selection of (N) course work. |  |  |

## Major Requirements: 75 Hours

| Common Body: $\mathbf{3 6}$ hours |  |  |  |
| :--- | :--- | :--- | :--- |
| ACCT 2103 | ACCT 2203 | ECON 2103 | ECON 2203 |
| MSIS 2103 | STAT 2023 | FIN 3113 | MGMT 3013 |
| MKTG 3213 | LSB 3213 | MSIS 3223 | MGMT 4513 or EEE 4513 |

International Business Major Requirements: 39 hours
MKTG 3993
12 hours from:
ACCT 4733
ECON 3613
FIN 4213
LSB 4633
MGMT 4613
MKTG 4553
TCOM 3153
6 hours from:
ECON 4643, 4823
GEOG 3723, 3733, 3743, 3753, 3773, 3793
HIST 3113, 3163, 3183, 3273, 3323, 3413, 3423, 3433, 3463
POLS 3003, 3123, 3143, 3193, 3223, 3233, 4043, 4053
3 hours from:
BCOM 3113, 3223
ENGL 3323
SPCH 3723

Select an additional 15 hours of upper-division business courses from any field in the Spears School. A minor in a selected business field is highly recommended.

A GPA of 2.00 is required in these 39 hours of International Business Major Requirements. 18 of these 39 hours must be in residence at OSU.

A minimum GPA of 2.00 is required in these 75 hours.

## Electives: 4 Hours

May be selected from any upper- or lower-division area except activity courses in LEIS and PE and lower-division AERO and MLSC.
Twelve credit hours earned in advanced AERO and MLSC, exclusive of credit earned for summer camp, mav be included in the 120 hours.

[^16]BACHELOR of SCIENCE in BUSINESS ADMINISTRATION
MAJOR: Management
Minimum Overall Grade Point Average: 2.00
(cumulative graduation/retention GPA)
Other GPA requirements see below.
Total Hours: 120

| GEnERAL EDUCATION REQUIREMENTS: 34 Hours |  |  |
| :---: | :---: | :---: |
| Area | Hours | To be selected from: |
| English Composition \& Oral Communication | 6 | ENGL 1113 or 1313; \& 1213 or 1413. <br> (See Academic Regulation 3.5 in Catalog) |
| American History \& Government | 6 | HIST 1103; POLS 1113 |
| Analytical \& Quantitative Thought (A) | 3 | MATH 1483 or 1513 |
| Humanities (H) | 6 | Any course designated (H). |
| Natural Sciences (N) | 7 | One course designated ( $\mathrm{L}, \mathrm{N}$ ). One course designated ( N ). |
| Social \& Behavioral Sciences (S) | 6 | Any course designated (S). |
| Diversity (D) | -- | Any course designated (D). Students are encouraged to meet the requirement in their selection of (H) or (S) course work. |
| International Dimension (I) | -- | Any course designated (I). Students are encouraged to meet the requirement in their selection of (H) or (S) course work. |
| Scientific Investigation (L) | -- | Any course designated (L). Students are encouraged to meet the requirement in their selection of $(\mathrm{N})$ course work. |
| College/Departmental requirements: 7 Hours |  |  |
| Orientation | 1 | BADM 1111 |
| Analytical and Quantitative | 3 | MATH 2103 |
| Oral Communication | 3 | SPCH 2713 |

## Major Requirements: 66 Hours

|  | Common Body: $\mathbf{3 6}$ hours |  |  |
| :--- | :--- | :--- | :--- |
| ACCT 2103 | ACCT 2203 | ECON 2103 | ECON 2203 |
| MSIS 2103 | STAT 2023 | FIN 3113 | MGMT 3013 |
| MKTG 3213 | LSB 3213 | MSIS 3223 | MGMT 4513 or EEE 4513 |

## Management Major Requirements: 30 hours

MGMT 3123, 3313, 4313

9 hours from:
Upper-division MGMT courses

6 hours from:
BCOM 3113 or ENGL 3323
BCOM 3223 or SPCH 3723

6 hours from:
Upper-division business courses

A GPA of 2.00 is required in these 30 hours of Management Major Requirements. 15 of these 30 hours must be in residence at OSU.

A minimum GPA of 2.00 is required in these 66 hours.

## Electives: 13 Hours

May be selected from any upper- or lower-division area except activity courses in LEIS and PE and lower-division AERO and MLSC. Twelve credit hours earned in advanced AERO and MLSC, exclusive of credit earned for summer camp, may be included in the 120 hours.

[^17]Students will be held responsible for degree requirements in effect at the time of matriculation and any changes that are made, so long as these changes do not result in semester credit hours being added or do not delay graduation.

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# General Requirements for Students Matriculating in Academic Year 2011-2012 

BACHELOR of SCIENCE in BUSINESS ADMINISTRATION
MAJOR: Management Option: Human Resource Management
Minimum Overall Grade Point Average: 2.00
Total Hours: $\mathbf{1 2 0}$
(cumulative graduation/retention GPA)
Other GPA requirements see below.

| GEnERAL EdUCATION REQUIREMENTS: 34 HoUrS |  |  | MAJOR REQUIREMENTS: 72 HoursCommon Body: 36 hours |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Area | Hours | To be selected from: |  |  |  |  |
|  <br> Oral Communication | 6 | ENGL 1113 or 1313 ; \& 1213 or 1413. <br> (See Academic Regulation 3.5 in Catalog) | ACCT 2103 <br> MSIS 2103 <br> MKTG 3213 | ACCT 2203 <br> STAT 2023 <br> LSB 3213 | $\begin{aligned} & \text { ECON } 2103 \\ & \text { FIN } 3113 \\ & \text { MSIS } 3223 \end{aligned}$ | ECON 2203 <br> MGMT 3013 <br> MGMT 4513 or EEE 4513 |
| American History \& Government | 6 | HIST 1103; POLS 1113 |  |  |  |  |
| Analytical \& Quantitative Thought (A) | 3 | MATH 1483 or 1513 | Human Resource Management Major Requirements: $\mathbf{3 6}$ hours MGMT 3123, 3313, 4133, 4813 |  |  |  |
| Humanities (H) | 6 | Any course designated (H). | LSB 4423 <br> STAT 3013 or |  |  |  |
| Natural Sciences (N) | 7 | One course designated ( $\mathrm{L}, \mathrm{N}$ ). One course designated ( N ). | PSYC 3214 <br> 6 hours from: |  |  |  |
| Social \& Behavioral Sciences (S) | 6 | Any course designated (S). | BCOM 3113 or ENG <br> BCOM 3223 or SPC | $\begin{aligned} & 3323 \\ & 3723 \end{aligned}$ |  |  |
| Diversity (D) | -- | Any course designated (D). Students are encouraged to meet the requirement in their selection of (H) or (S) course work. | $\begin{aligned} & \frac{12 \text { hours from: }}{\text { ECON } 3513} \\ & \text { FPST } 3013 \end{aligned}$ |  |  |  |
| International Dimension (I) | -- | Any course designated (I). Students are encouraged to meet the requirement in their selection of $(\mathrm{H})$ or $(\mathrm{S})$ course work. | MGMT 4123, 4153, <br> MSIS 3103 or 4003 PSYC 4813 | $\begin{aligned} & 13,4313,4533 \\ & 4263 \end{aligned}$ | $613,4693,47$ |  |
| Scientific Investigation (L) | -- | Any course designated (L). Students are encouraged to meet the requirement in their selection of $(\mathrm{N})$ course work. | A GPA of 2.20 is required in these 36 hours of Human Resource Management Major Requirements. 18 of these 36 hours must be in residence at OSU |  |  |  |
| College/Departmental Requirements: 7 Hours |  |  |  |  |  |  |
| Orientation | 1 | BADM 1111 |  |  |  |  |
| Analytical and Quantitative | 3 | MATH 2103 | A minimum GPA of 2.00 is required in these 72 hours. |  |  |  |
| Oral Communication | 3 | SPCH 2713 |  |  |  |  |

## Electives: 7 Hours

> May be selected from any upper- or lower-division area except activity courses in LEIS and PE and lower-division AERO and MLSC.
> Twelve credit hours earned in advanced AERO and MLSC, exclusive of credit earned for summer camp, may be included in the 120 hours.

## Other Requirements:

1. A minimum of 50 percent of the business hours required for a degree must be in residence at OSU.
2. Forty-five hours of upper division courses and a minimum of 60 hours must be completed at a 4 -year institution.
3. A minimum of 15 of the last 30 hours must be in residence at OSU.

Students will be held responsible for degree requirements in effect at the time of matriculation and any changes that are made, so long as these changes do not result in semester credit hours being added or do not delay graduation.

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DEPARTMENT HEAD

# BACHELOR of SCIENCE in BUSINESS ADMINISTRATION 

MAJOR: Management Option: Sports Management
Minimum Overall Grade Point Average: 2.00
Total Hours: 120
(cumulative graduation/retention GPA)
Other GPA requirements see below.


## Electives: 7 Hours

May be selected from any upper- or lower-division area except activity courses in LEIS and PE and lower-division AERO and MLSC. Twelve credit hours earned in advanced AERO and MLSC, exclusive of credit earned for summer camp, may be included in the 120 hours.

[^18]Students will be held responsible for degree requirements in effect at the time of matriculation and any changes that are made, so long as these changes do not result in semester credit hours being added or do not delay graduation.

| GENERAL EDUCATION REQUIREMENTS: 34 HOURS |  |  |
| :--- | :---: | :--- |
| Area | Hours | To be selected from: |
|  <br> Oral Communication | 6 | ENGL 1113 or 1313; \& 1213 or 1413. <br> (See Academic Regulation 3.5 in Catalog) |
| American History \& Government | 6 | HIST 1103; POLS 1113 |
| Analytical \& Quantitative Thought <br> (A) | 3 | MATH 1483 or 1513 |
| Humanities (H) | 6 | Any course designated (H). |
| Natural Sciences (N) | 7 | One course designated (L, N). <br> One course designated (N). |
| Social \& Behavioral Sciences (S) | 6 | Any course designated (S). |
| Diversity (D) | -- | Any course designated (D). Students are <br> encouraged to meet the requirement in their <br> selection of (H) or (S) course work. |
| Oral Communication | 3 | SPCH 2713 <br> Onalytical and Quantitative <br> Onternational Dimension (I) |
| Scientific Investigation (L) | -- | Any course designated (I). Students are <br> encouraged to meet the requirement in their <br> selection of (H) or (S) course work. |
| Any course designated (L). Students are |  |  |
| encouraged to meet the requirement in their |  |  |
| selection of (N) course work. |  |  |

## Major Requirements: 75 Hours

| Common Body: $\mathbf{3 6}$ hours |  |  |  |
| :--- | :--- | :--- | :--- |
| ACCT 2103 | ACCT 2203 | ECON 2103 | ECON 2203 |
| MSIS 2103 | STAT 2023 | FIN 3113 | MGMT 3013 |
| MKTG 3213 | LSB 3213 | MSIS 3223 | MGMT 4513 or EEE 4513 |

Management Information Systems Major Requirements: 39 hours

## MSIS 4033

MSIS 2203 and 3363
3233 or 3243
4133 or 4363
3123, 3333, 4003, 4523
12 hours from:
ACCT $3103,3113,3203,3603,4503,4653$
CS 2133,2351,2433,
any upper-division courses except 4113 and 4883
ECON 3313, 4213, 4223
FIN 4223, 4333, 4613
IEM 4723
MGMT 3313
MKTG 4223, 4333, 4973, 4983, 4993
MSIS any upper-division courses
TCOM any upper-division courses
STAT 3013,4043

A GPA of 2.00 is required in these 39 hours of Management Information Systems Major Requirements. 18 of these 39 hours must be in residence at OSU.

A minimum GPA of 2.20 is required in these 75 hours.

## Electives: 4 Hours

> May be selected from any upper- or lower-division area except activity courses in LEIS and PE and lower-division AERO and MLSC.
> Twelve credit hours earned in advanced AERO and MLSC, exclusive of credit earned for summer camp, may be included in the 120 hours.

[^19]Students will be held responsible for degree requirements in effect at the time of matriculation and any changes that are made, so long as these changes do not result in semester credit hours being added or do not delay graduation.


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DEPARTMENT HEAD

MAJOR: Management Information Systems
Minimum Overall Grade Point Average: 2.00
(cumulative graduation/retention GPA)
Other GPA requirements see below.

| General Education Requirements: 34 Hours |  |  |
| :---: | :---: | :---: |
| Area | Hours | To be selected from: |
| English Composition \& Oral Communication | 6 | ENGL 1113 or $1313 ;$ \& 1213 or 1413. (See Academic Regulation 3.5 in Catalog) |
| American History \& Government | 6 | HIST 1103; POLS 1113 |
| Analytical \& Quantitative Thought (A) | 3 | MATH 1483 or 1513 |
| Humanities (H) | 6 | Any course designated (H). |
| Natural Sciences ( N ) | 7 | One course designated ( $\mathrm{L}, \mathrm{N}$ ). One course designated ( N ). |
| Social \& Behavioral Sciences (S) | 6 | Any course designated (S). |
| Diversity (D) | -- | Any course designated ( D ). Students are encouraged to meet the requirement in their selection of ( $H$ ) or ( S ) course work. |
| International Dimension (I) | -- | Any course designated (I). Students are encouraged to meet the requirement in their selection of ( H ) or ( S ) course work. |
| Scientific Investigation (L) | -- | Any course designated (L). Students are encouraged to meet the requirement in their selection of $(\mathrm{N})$ course work. |
| College/Departmental Requirements: 7 Hours |  |  |
| Orientation | 1 | BADM 1111 |
| Analytical and Quantitative | 3 | MATH 2103 |
| Oral Communication | 3 | SPCH 2713 |

OPTION: Information Assurance
Total Hours: $\mathbf{1 2 0}$

## BACHELOR of SCIENCE in BUSINESS ADMINISTRATION

MAJOR: Management Information Systems
Minimum Overall Grade Point Average: 2.00
(cumulative graduation/retention GPA)
Other GPA requirements see below.

| GENERAL EDUCATION REQUIREMENTS: 34 HOURS |  |  |
| :--- | :---: | :--- |
| Area | Hours | To be selected from: |
|  <br> Oral Communication | 6 | ENGL 1113 or 1313; \& 1213 or 1413. <br> (See Academic Regulation 3.5 in Catalog) |
| American History \& Government | 6 | HIST 1103; POLS 1113 |
| Analytical \& Quantitative Thought <br> (A) | 3 | MATH 1483 or 1513 |
| Humanities (H) | 6 | Any course designated (H). |
| Natural Sciences (N) | 7 | One course designated (L, N). <br> One course designated (N). |
| Social \& Behavioral Sciences (S) | 6 | Any course designated (S). |
| Diversity (D) | -- | Any course designated (D). Students are <br> encouraged to meet the requirement in their <br> selection of (H) or (S) course work. |
| International Dimension (I) | -- | Any course designated (I). Students are <br> encouraged to meet the requirement in their <br> selection of (H) or (S) course work. |
| Scientific Investigation (L) | - | Any course designated (L). Students are <br> encouraged to meet the requirement in their <br> selection of (N) course work. |
| Orientation | 3 | SPCH 2713 |
| Analytical and Quantitative | 4 | MATH 2144 <br> CoLLEGE/DEPARTMENTAL Communication <br> REQUIREMENTS: 8 HoURS |
|  | BADM 1111 |  |

BACHELOR of SCIENCE in BUSINESS ADMINISTRATION
MAJOR: Marketing
Minimum Overall Grade Point Average: 2.00
(cumulative graduation/retention GPA)
Other GPA requirements see below.

| GEnERAL EDUCATION REQUIREMENTS: 34 HoURS |  |  |
| :---: | :---: | :---: |
| Area | Hours | To be selected from: |
| English Composition \& Oral Communication | 6 | ENGL 1113 or 1313; \& 1213 or 1413. <br> (See Academic Regulation 3.5 in Catalog) |
| American History \& Government | 6 | HIST 1103; POLS 1113 |
| Analytical \& Quantitative Thought <br> (A) | 3 | MATH 1483 or 1513 |
| Humanities (H) | 6 | Any course designated (H). |
| Natural Sciences ( N ) | 7 | One course designated (L, N). One course designated ( N ). |
| Social \& Behavioral Sciences (S) | 6 | Any course designated (S). |
| Diversity (D) | -- | Any course designated (D). Students are encouraged to meet the requirement in their selection of $(\mathrm{H})$ or (S) course work. |
| International Dimension (I) | -- | Any course designated (I). Students are encouraged to meet the requirement in their selection of $(\mathrm{H})$ or $(\mathrm{S})$ course work. |
| Scientific Investigation (L) | -- | Any course designated (L). Students are encouraged to meet the requirement in their selection of $(\mathrm{N})$ course work. |
| College/Departmental Requirements: 7 Hours |  |  |
| Orientation | 1 | BADM 1111 |
| Analytical and Quantitative | 3 | MATH 2103 |
| Oral Communication | 3 | SPCH 2713 |

Total Hours: 120

| MAJOR REQUIREMENTS: 72 Hours |  |  |  |
| :---: | :---: | :---: | :---: |
| Common Body: 36 hours |  |  |  |
| ACCT 2103 | ACCT 2203 | ECON 2103 | ECON 2203 |
| MSIS 2103 | STAT 2023 | FIN 3113 | MGMT 3013 |
| MKTG 3213 | LSB 3213 | MSIS 3223 | MGMT 4513 or EEE 4513 |
| Marketing Major Requirements: 36 hours |  |  |  |
| MKTG 3323, 4333, 4683 |  |  |  |
| 12 hours of upper-division marketing electives. |  |  |  |
| 3 hours from: |  |  |  |
| BCOM 3113, 3223 |  |  |  |
| ENGL 3323 |  |  |  |
| SPCH 3723 |  |  |  |
| Select an additional 12 hours of upper-division courses from any field in the Spears School of Business. |  |  |  |

## Electives: 7 Hours

> May be selected from any upper- or lower-division area except activity courses in LEIS and PE and lower-division AERO and MLSC.
> Twelve credit hours earned in advanced AERO and MLSC, exclusive of credit earned for summer camp, may be included in the 120 hours.

[^20]Students will be held responsible for degree requirements in effect at the time of matriculation and any changes that are made, so long as these changes do not result in semester credit hours being added or do not delay graduation.
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## Minor and Certificate Requirements

The minor information included in this publication is current as of March 2011. For the most up-to-date minor requirement information see the Minors and Certificates link on the Degree Requirements page of the Registrar website at registrar.okstate.edu.

## Minors - College of Agricultural Sciences and Natural Resources

Agricultural Economics and Agribusiness (AEAB)
22 hours. AGEC 1114 (or ECON 2103 and 2203); ACCT 2103 (or ACCT 3183 or AGEC 3183). 15 hours in five upper division (three hour) AGEC courses, excluding AGEC 3010, 3183, 3990, 3101, 4101, 4990. At least nine hours of upper division AGEC courses must be taken at OSU. Department of Agricultural Economics, 308 Ag Hall, 405-405-744-6161.

## Agronomy (AGRN)

27 hours. PLNT 1213, 2013, 3554, 4123; SOIL 2124, 4234. Minimum of 6 additional hours from PLNT 3113, 4613 or SOIL 3883, 4213 or 4463. Department of Plant and Soil Sciences, 369 Ag Hall, 405-405-744-6130 or 744-6425.
Animal Science (ANSI)
22 hours. ANSI 1124. 18 hours from ANSI 2253, 3333, 3423, 3433, 3443, 3523, 3543, 3653, 3753, 4023, 4203, 4333, 4423, 4543, 4553, 4613, 4633, 4643, 4803,
4863; FDSC 3033; at least 3 of these credits must be from 4000 level courses.
Department of Animal Science, 101 ANSI, 405-744-6062 or 744-9253.
Biochemistry (BIOC)
20 hours. CHEM 1515, 3053, 3153, BIOC 3713, 3723 and 3813. Department of Biochemistry and Molecular Biology, 246 NRC, 405-744-6189.

## Entomology (ENTO)

15 hours. ENTO 2993; One course from: ENTO 3044, 4464, 4223, or 4854. 8-9 credit hours from any other ENTO courses to achieve the 15 minimum credits. Department of Entomology and Plant Pathology, 127 NRC, 405-744-5527.
Environmental Economics and Policy (EEPP)
21 hours. At least 12 hours from: AGEC 1114 or ECON 2103; AGEC 3503 or ECON 3903, 4503; and at least 11-12 hours from: AGEC 3703, 3713; ECON 3113; ENVR 4512, 4573; GEOG 3153, 4233; GEOL 4663; HIST 4523; NREM 3323, 4093, 4353 (or RMTR 4473); POLS 4363, 4593; SOC 4433, 4473, 4533. No grade below "C." At least nine upper-division hours must be taken at OSU. Tracy Boyer, 321 Ag Hall, 405-744-6169.
Fisheries and Aquatic Ecology (FAEC)
22 hours. ZOOL 1604; BIOL 3034; NREM 4403 or 4424; NREM 4414; ZOOL 4434. Three additional hours from: ENTO 4483; ZOOL 4415 ; NREM 4403 or 4424 (if not previously used). Department of Natural Resource Ecology and Management, 011 Ag Hall, 405-744-5438.
Food Science (FDSC)
20 hours. FDSC 1133; 17 credits from: FDSC 2253, 3113, 3154, 3182, 3210, 3333, 3373, 3603, 4333, 4763, 4910; ANSI 3543 (or NSCI 4323); MCAG 4123. Credits in 3210 and 4910 may be used for this minor only if they involve activities approved by the Food Science Adviser in advance. Department of Animal Science, 101 ANSI, 405-744-6062 or 744-9253.

## Forestry (FOR)

23 hours. NREM 1114 or $3343 ; 2134 ; 2013$ or $3213 ; 3224$. A minimum of nine additional hours (at least six hours must be upper-division) from NREM 1214 , $2103,2113,3063,3083,3101,3102,3103,3113,3323,4043,4053,4093,4213,4323,4333,4443$. Department of Natural Resource Ecology and Management, 011 Ag Hall, 405-744-5438.
Horticulture (HORT)
23 hours. SOIL 2124; BOT 1404; HORT 1013, 3084. Minimum of eight hours from HORT prefix courses excluding 1003, 2010, 4671, 4990, 5110; at least three of these hours must be at the 3000-level or above. Department of Horticulture and Landscape Architecture, 360 Ag Hall, 405-744-5414.
Leadership Education (LDED)
17 hours. AGLE 1511, 2303, 3303, 4101, 4303; Choose two from the following: AGLE 2403, 3333, 3403, 3503; RMTR 2443, 2473; MGMT 3123, 4213, 4533;
PSYC 4213. Department of Agricultural Education, 448 Ag Hall or 441 Ag Hall, 405-744-8036 or 744-5130.
Natural Resource Ecology and Management (NREM)
22 hours. NREM 1014 and 2013. A minimum of nine additional hours from NREM 1114 or 3343, 3613, 3713, 4414, 4513. Six additional hours not already used previously, or choose from: SOIL 2124, BIOL 3034, NREM 3073, 3083, 3101, 3103, 3213, 3224, 3513, 4023, 4033, 4043, 4053, 4063, 4093, 4404, 4443, 4464, 4524, 4613, 4783. Department of Natural Resource Ecology and Management, 011 Ag Hall, 405-744-5438.
Pest Management (PEST)
18 hours. ENTO 2993 or PLP 3663; and one of the following PLP 3343 or ENTO 4854; 3-4 hours from: PLNT 3111, 3211, 3221, 3231, 3343 or ENTO 4854. Additional 3-4 hours from: BOT 1404; PLNT 1213, 2013; HORT 1013; ANSI 1124; MICR 2123; NREM 1114, 2013; SOIL 2124. Additional hours from any of the following not already taken for credit, or other upper level course approved by the minor's departmental adviser, so that the total number of hours adds up to at least 18: ENTO 3003, 3021, 3044, 3331, 3421, 3461, 4223, 4464, 4483, 4854; PLP 3343, 3553, 3663; ENTO/PLP 2143, 4922; PLNT 3111, 3211, 3221, 3231, 4113; SOIL 4363; NREM 3613, 4033. Department of Natural Resource Ecology and Management, 011 Ag Hall, 405-744-5438.

## Rangeland Ecology and Management (REM)

22 hours. PLNT 1213 (or BOT 1404); NREM 2013, 3613; SOIL 2124; a minimum of nine additional hours from NREM 3083, 4023, 4033, 4613, 4783, 4793; PLNT 4613. Department of Natural Resource Ecology and Management, 011 Ag Hall, 405-744-5438.
Soil Science (SLSI)
22 hours. BIOL 1114; CHEM 1314; SOIL 2124; Minimum of nine additional hours of SOIL prefix courses excluding 4210, 4470. Department of Plant and Soil Sciences, 369 Ag Hall, 405-744-6130.
Wildlife Ecology (WLEC)
26 hours. BIOL 3034; BOT 1404; NREM 3513, 4513; ZOOL 1604. A minimum of eight additional hours from NREM 4464, 4524, 4543; ZOOL 4115, 4174 . Department of Natural Resource Ecology and Management, 008 Ag Hall, 405-744-5438.

## Minors - College of Arts and Sciences

Half of total minor requirements and half of the upper-division courses required for the minor must be completed in residence at OSU.
Aerospace (AERO)
18 hours. 16 hours must be upper-division. GPA of 2.5 with no grade below "C." Richard Marshburn, 324 TH, 405-744-7744.
Africana Studies (AFAM)
18 hours. 3 hours from GEOG 3763, HIST 4153, 4163, POLS 3953. 6 hours from ENGL 3193, PSYC 4133, REL 3613, SOC 3133; and 9 hours from ANTH
3353, GWST 3613, HIST 3503, 4173, MGMT 4213, POLS 3973, SOC 4383. GPA of 2.5 with no grade below a "C."
Vincent Burke, 201 MUR, 405-744-5569.
American Indian Studies (AMIS)
18 hours from at least three disciplines. 12 hours must be upper-division. 12 hours from: ART 4763, ENGL 3183, FLL 1000 (Mvskoke Language and Culture), GEOG 3243, HIST 3793. 6 additional hours from the list above or: ART 3733, GEOG 3703, GEOG 4103, HIST 4523, HIST 3763, MGMT 4213, EEE 3033, PSYC 4133, SOC 3133, SOC 3213. The following courses may be used with permission from the faculty coordinator: ENGL 3813, HIST 2323, HIST 3753, HIST 4980, PSYC 4880, PSYC 4990. No grade below "C." John Chaney, 109 NH, 405-744-6113.
American Studies (AMSD)
18 hours. AMST 3223; 9 hours of additional AMST-prefix courses ( 6 hours of which must be upper-division); and 6 hours upper-division courses with a focus relevant to the field of American Studies approved by faculty coordinator. GPA of 2.5 with no grade below "C."
Laura Belmonte, 121 MUR, 405-744-8198; laura.belmonte@okstate.edu.
Ancient and Medieval Studies (AAMS)
23 hours. Minimum of GREK 1223, LATN 1223, or FLL 1000 (must be second semester Hebrew); and 18 hours from at least three disciplinary areas: ART 3603, 3723, 4693, ENGL 2543, 3123, HIST 3013, 3023, 3033, 3043, 3233, 3373, MUSI 3753, PHIL 3113, REL 2013, 2023, 3223, 3243. GPA of 2.0.
David Crawford, 213 LSE, 405-744-5658.
Applied Politics (PSAP)
19 hours. POLS $3414 ; 3523 ; 3533$ and 9 hours from: JB 2013, 3013, 4753, MKTG 3213, POLS 3353, 3513, PSYC 4153, SPCH 3733. GPA of 2.5 with no grade below "C". Vincent Burke, 201 MUR, 405-744-5569.

## Art History (ARTH)

21 hours. ART 1603 or 2603 or 2613; and *six courses from ART 3603, 3623, 3633, 3643, 3653, 3663, 3673, 3683, 3693, 3713, 3723, 3733, 3743, 4593, $4603,4613,4633,4653,4663,4673,4683,4693,4703,4713,4800$. GPA of 2.5 with no grade below "C." *Non-Art majors may substitute ONE 3 hour studio art course. Ulrike Schoenknecht, 408 BC, 405-744-4064.

## Asian Studies (ASTD)

24 hours. Minimum of JAPN 2223 (or equivalent proficiency in Chinese); and 18 hours from at least three disciplinary areas: ANTH $3353^{*}, 4990^{*}$, ART 3693, 4663, 4673, 4703, 4800*, ECON 3613*, 4643*, FLL 3500*, GEOG 3133*, 3753, 3783, HIST 1713, 3053, 3403, 3413, 3423, 3433, 3980*, 4980*, MKTG 4553*, PHIL 3943, POLS 3053, 3223, 3233, 4053*, SOC 3713*, 4533*. GPA of 2.0. David Crawford, 213 LSE, 405-744-5658.
*All courses marked with an asterisk(*) are variable-topic courses and may count toward the minor when topic appropriate. Prior approval from faculty coordinator required.

## Biochemistry (BIOC)

20 hours. CHEM 1515; 3053; 3153; BIOC 3713; 3723; and 3813. GPA of 2.0. Patricia Ayoubi, 246 NRC, 405-744-6199.
Biology (BIOL)
27 hours. BIOL 1114; 3023; 3034; BOT 1404; MICR 2123; 2132; 3033 and ZOOL 1604. No grade below "C." Beth Watt, 213 LSE, 405-744-9965.

## Botany (BOT)

21 hours. BOT $1404 ; 3005$ or 3114 ; and 5 or 6 hours from upper-division BOT to complete the required 14 hours. No grade below "C."
Beth Watt, 213 LSE, 405-744-9965.
Central Asian Studies (CAST)
23 hours. Minimum of RUSS 2115 (or equivalent proficiency in Kazak, Kyrzhyz, Tadjik, Turkmen, or Uzbek); and GEOG/HIST/ POLS/ RUSS 3053; and 15 hours from at least three disciplinary areas: GEOG 3733, HIST 3003 (or POLS/RUSS), 3153, 3163, 3203, 3503, POLS 3053, 3123, REL 4113. GPA of 2.0. David Crawford, 213 LSE, 405-744-5658.
Chemistry (CHEM)
18 hours of chemistry courses at the 2000-level or above in at least three fields in CHEM, which may include BIOC. GPA of 2.0. Richard Bunce, 412 PS, 405-744-5952.

Classical Studies (CLST)
21 hours. 12 hours of either Greek or Latin; and nine hours from FLL 2103, ART 3603, HIST 3023, HIST 3033, PHIL 3113. GPA of 2.0.
David Crawford, 213 LSE, 405-744-5658.
Cognitive Science (CSCI)
27 hours from at least three disciplinary areas: CS 1103, 1113, 2133, 2433, 3363, 3443, 4343, 4793, 4883, ENGL 2243, 2443, 4003, 4013, 4043, 4063, $4080,4083,4093$, MSIS 2103, 3303, 3243, 4013, 4113, 4133, 4223, 4243, 4253, 4263, 4523, PHIL 3003, 4003, 4313, 4543, 4733, 4983, PSYC 3073, 3173, $3513,3713,3823,4223,4343,4990$, SPCH $3733,4753,4793$. No more than four courses with the same prefix. No grade below "C". Shelia Kennison, $219 \mathrm{NH}, 405-744-7335$.
Computer Science (CS)
21 hours. CS 1113; 2133; 3443; and 12 hours from 2433, 3363, 3373, 3423, 3513, 3613, 3653, 4143, 4173, 4183, 4243, 4273, 4283, 4323, 4343, 4793. One course must be 4000-level. No grade below "C." Chuck Ellis, 216 MSCS, 405-744-5675.
Economics (ECAS)
15 hours of ECON courses. 9 hours must be upper-division. GPA of 2.0. Kevin Seymore, 102 NH, 405-744-4015.

## Emergency Management (EM)

15 hours. POLS $3813 ; 3733$ or $3893 ; 6$ hours from POLS 2033, 3493, 3613, 3953, 4363, 4413, 4453, 4593 or 6 hours from POLS 3033, 3053 (or GEOG/ HIST/RUSS), 3143, 3193, 3313, 4013, 4053, 4113, 4223; and 3 hours from ENVR 1113, FPST 1213, FPST 2153, GEOG 2343, PSYC 2313, SOC 4433. GPA of 2.5 with no grade below "C". Vincent Burke, 201 MUR, 405-744-5569.

## English (ENGL)

18 hours exclusive of Freshman Composition. At least 9 hours must be upper-division. GPA of 3.00 with no grade below "C."
Jules Emig, 209 MOR, 405-744-6146.
Environmental Economics, Politics, and Policy (EEPP)
21 hours. At least 12 hours from: AGEC 1114 or ECON 2103; AGEC 3503 or ECON 3903; POLS 3493; AGEC 4503 or POLS 4363 or POLS 4593 ; and at least eight hours from: AGEC 3703, 3713, 4503, 4703; ECON 3113; ENVR 4573, 4512; GEOG 3153, 4233; GEOL 4663; HIST 4523; LA 4433, 4583; NREM 3323, 4353 (or RMTR 4473), 4393; NSCI 3543; POLS 2033, 4353, 4363, 4593; SOC 4433, 4453, 4473, 4533. No grade below "C." At least nin upper-division hours must be taken at OSU. Vincent Burke, 201 MUR, 405-744-5569.

## European Studies (EUST)

35 hours. 10 hours of FREN, GRMN, RUSS, or SPAN; A\&ES 2001; 25 hours of course work below; 6 hours from each of the two tracks below with at least one European history and no more than two courses from the same prefix:

European Society: GEOG 3723, HIST 3023, 3033, 3113, 3203, 3243, 3253, 3263, 3273, 3323, 3353, 3373, 3383, 3483, 3493, POLS 2113, 3143, 3663, 4133.

European Culture: ART 2603, 2613, 3603, 3623, 3633, 3653, 3683, 3713, 3723, ARCH 3073, 3083, 4073, 4083, ENGL 3123, 3163, 3463, 4100, 4110, $4120,4130,4160,4200,4300,4350$, FREN 3853, 4153, 4163, 4173, 4183, 4333, GRMN 3333, 4153, 4163, 4333, 4513, 4523, 4533, HIST 3343, 3913, 3963, MUSI 2573, 3753, 3763, 3873, PHIL 3113, 3213, 3313, 3913, 4113, SPAN 4123, 4133, 4163, 4173, 4223, 4253, 4263*, 4323, TH 3923, 3933. No grade below "C." David Crawford, 213 LSE, 405-744-5658.
*All courses marked with an asterisk(*) are variable-topic courses and may count toward the minor when topic appropriate. Prior approval from faculty coordinator required.

## Foreign Language (FREN) (GRMN) (JPN) (SPAN) (RUSS) (GREK) (LATN)

The completion of all lower-division course work or its equivalent in same language to be followed by:
French, German*, Japanese, Spanish, Russian - 6 hours of upper-division credit in courses taught in the target language. *Restrictions apply for German upper-division courses. Consult adviser for details.
Latin, Greek - 9 hours of upper-division credit in courses taught in the target language.
GPA of 2.5 with no grade below " $C$ " in all upper-division courses. David Crawford, 213 LSE, 405-744-5658.
Gender and Women's Studies (GWST)
21 hours. GWST 2113 or 2123; 4113; 9 hours from classes focusing on gender and women including but not limited to ART 4693, ENGL 3153, GWST $3450,3513,3613,3713,4013,4503,4950,4990$, HIST $3443,4553,4573$, HONR 3053, POLS 4693, 5810, PSYC 4123, SOC 4043, 4643, 4950 (Gender in the Middle East), 5043; and 6 hours from classes that complement gender and women's studies including but not limited to AMST 3313, 3423, 3430, ART 4613, CIED 5623, 6030, HIST 3683, 3913, MGMT 4213, PHIL 3713, 3813, 3833, POLS 4963, PSYC 4483, SCFD 6443, 6983, SOC 4723, 5333. GPA of 2.0. David Crawford, 213 LSE, 405-744-5658.

Geography (GEOG)
16 hours. GEOG 1114; and 1113 or 2253; plus at least nine additional hours, including six at the upper-division level. No grade below "C." Jacqueline Vadjunec, 324 MUR, 405-744-3293.

## Geology (GEOL)

25 hours. GEOL $1114 ; 1224 ; 2254 ; 2364$; and at least 9 hours of upper-division courses. No grade below "C." Jim Puckette, 405 NRC, 405-744-6374.
Hispanic and Latin American Studies (HLAS)
23 hours. Minimum of SPAN 2115 (or equivalent proficiency in Portuguese); and 18 hours from at least three disciplinary areas: ANTH 3443, 4223,
ARCH 3083, ART 3633, FLL 3103, GEOG 3743, HIST 3243, 3453, 3463, POLS 3193, 4053*, SPAN 3013, 3023, 3033, 4123, 4133, 4163, 4253, 4263, 4323, 4333, 4550, 5110. GPA of 2.0. David Crawford, 213 LSE, 405-744-5658.
*All courses marked with an asterisk(*) are variable-topic courses and may count toward the minor when topic appropriate. Prior approval from faculty coordinator required.

## History (HIST)

18 hours. 12 hours must be upper-division. GPA of 2.5 with no grade below "C." Donald Bellows, 101B MUR, 405-744-8197.
Legal Studies (LEGL)
18 hours. POLS 2023 (or HONR 2013); 3983; 3993 and 9 hours from: AGEC 3713, ENGR 4103, ENGR 4133, LSB 3213, PHIL 3843, POLS 4363, 4963, 4973,4980 , PSYC 4143, SOC 4443. GPA of 2.5 with no grade below " $C$ ". Vincent Burke, 201 MUR, 405-744-5569.
Mathematics (MATH)
22 hours. MATH $2144 ; 2153 ; 2163$; and 12 hours of MATH for which calculus is a prerequisite. No grade below "C." Roger Zierau, 401 MSCS, 405 -744-5688.

Microbiology (MICR)
15 hours. MICR 2123 and 2132 with minimum grade of "C" prior to declaration of minor. MICR 3223; and 7 hours upper-division microbiology courses (excluding MICR 3103). Zero ending courses allowed with departmental approval. No grade below "C."
Jim Hull, 213 LSE, 405-744-9965.
Middle East Studies (MES)
25 hours. 13 hours of college level language instruction in Arabic, Farsi, modern Hebrew or Turkish and 12 hours in at least two separate disciplines from AMST (or ENGL )3813, 3950 (Global Islam), ARCH 4273, GEOG 3783, HIST 3543, 3553, REL 4113, 4213, SOC 4950
(Gender in the Middle East). GPA of 2.5 with no grade below "C." David Crawford, 213 LSE, 405-744-5658
Military Science (MLSC)
18 hours. 14 hours must be upper-division. GPA of 2.5 with no grade below "C." LTC Jeffrey Hensley, 314 TH, 405-744-1775.

## Music (MUSC)

24 hours. MUSI 1531; $1533 ; 1541 ; 1543 ; 3763 ; 3873$ ( 3753 may be substituted for either 3763 or 3873 ); 8 hours applied music, including 6 hours in primary instrument, 2 hours of piano (if piano is primary applied area, 2 hours in a secondary applied area of the student's choosing), and 2 hours music organizations from MUSI 2610/3610, 2620/3620, 2630/3630. GPA of 2.0 with no grade below "C." Department of Music, 132 SC, 405-744-8997.
Philosophy (PHIL)
18 hours. 12 hours must be upper-division. GPA of 2.5. Brian Deer, 246 MUR, 405-744-9243.
Physics (PHYS)
20 hours. PHYS 2014 or $2314 ; 2114$ or $2414 ; 3713$ and 9 hours from 3013, 3113, 3213, 3313, 3322, 3513, 3622, 4003, 4010 ( 1 hr ), 4113, 4213, 4263, 4313, 4423, 4513. GPA of 2.0. Kaladi Babu, 145 PS, 405-744-5810; Gil Summy, 145 PS, 405-744-5809.

## Political Science (POLS)

15 upper-division hours to include three fields of political science (public law, American politics, public administration, political theory, comparative politics and international relations). At least 3 of the hours must be taken in a field other than American politics, public law, and public administration. GPA of 2.5 with no grade below "C." Vincent Burke, 201 MUR, 405-744-5569.
Psychology (PSYC)
24 hours. PSYC 1113 and 9 hours upper- or lower-division PSYC; plus 12 hours upper-division PSYC. No grade below "C." (CPSY courses not applicable). Silvia Frutos, 102 NH, 405-744-5543.
Religious Studies (REL)
18 hours. REL 1103 (may substitute an extra course from non-Western religion list below); 2013 or 2023; 9 upper-division REL and 3 hours nonWestern religion from REL 3573, 4113, PHIL 3943 or upper-division HIST (Asian or African). GPA of 2.5. (Awarding of the Religious Studies minor is subject to course availability). Brian Deer, 246 MUR, 405-744-9243
Russian and East European Studies (REES)
23 hours. Minimum of RUSS 2115; and 15 hours from at least three disciplinary areas: GEOG 3723, 3733, HIST 3153, 3163, 4563, POLS 3123, 4053, RUSS 3123, 4113, 4123, 4133. GPA of 2.0. David Crawford, 213 LSE, 405-744-5658.

Sociology (SOC)
18 hours. SOC 1113; 3113; and 12 additional hours of SOC or ANTH ( 9 hours must be upper-division). GPA of 2.5. Dahlia Molloy, 431 MUR, 405-7446114.

Statistics (STAT)
23 hours. STAT 4013; 4023; 4043; 4091; 4203; and MATH 2144; 2153; and 2163. GPA of 2.5 with no grade below "C." (If any of these courses are required for the student's major, computer science courses (up to two) may be added as requirement). Carla Goad, 301 MSCS, 405-744-5684

Analytic-26/27 hours. STAT 3013 or 4013; 4023; 4043; 4091; CS 2331; MATH 2103 or MATH 2144; and 12 hours from BCOM 3223, 3333, CS 3653, 4003, ECON 4213, 4223, MSIS 3103, 3223, 3243, 4013, MKTG 4333, PHIL 3003, 3803, 3843, 4003 (or MATH), POLS 3103 with no more than two courses with a single prefix. GPA of 2.5 with no grade below "C." Carla Goad, 301 MSCS, 405-744-5684.
Studio Art (STDA)
24 hours. ART 1103, 1113, 1203, 1303, 1603 or 2603 or 2613, and 3 hours from 2223, 2233, 2273; and 3 hours from 2243, 2253, 2263; plus 3 hours ART 2000 or above. GPA of 2.5 with no grade below "C." Ulrike Schoenknecht, 408 BC, 405-744-4064.
Theatre (TH)
19 hours. TH $2413 ; 3$ hours approved TH literature or play analysis. One hour TH 1500 or 3500 . 12 additional hours approved by department head. 6 hours must be upper-division. No grade below "C.". J. Kevin Doolen, 121 SC, 405-744-6094.
Zoology (ZOOL)
25 hours. BIOL 1114; 3023; ZOOL 1604; 4133; BIOL 3034 or ZOOL 3204; one course from ZOOL 3104, 4104, 4115, 4174, 4464, or 4484; and one additional upper-division course in ZOOL (must be approved by Zoology advisor). No grade below "C." Karen Smith, 213 LSE, 405-744-9965.

## Minors - College of Education

Aerospace Administration and Operations - Aerospace Safety and Security (AASS)
24 hours. AVED 3453, 3463, 3473, 4413, 4423 and nine additional hours from AVED 3663, 4113, 4433, 4943, POLS 3733, 3813, 3893. Education Student Academic Services, 106 Willard, 405-744-6350.
Aerospace Administration and Operations - Aviation Management (AAAM)
27 hours. AVED 2113, 3433, 3513, 3523, 3543, 3663, 4113, 4663, and 4953. GPA of 2.5 with no grade below "C." Education Student Academic Services, 106 Willard, 405-744-6350.

Aerospace Admin and Operations - Professional Pilot (AAPP)
24 Hours. AVED $1114,1222,2122,2132,2142,2213,2313,4113$, and 4303. GPA of 2.5 with no grade below "C." Education Student Academic Services, 106 Willard, 405-744-6350.

Educational Psychology (EPSY)
21 hours from: EPSY 3063, 3513, 3533, 4063, 4223, 4513, 4533; EPSY 3113 and/or 3213 or 3413 (no credit for 3413 if 3113 or 3213 are used); LEIS 2443; CPSY 4443; SPED 3202. GPA of 2.5 with no grade below "C." Education Student Academic Services, 106 Willard, 405-744-6350.
Health Education and Promotion (HEPR)
26 Hours. HHP 2213, 2603, 2654, 3114, 3613, 3643, 4973, and three additional hours from HHP 3723, 3913, 4533, 4773, 4783 or NSCI 2114. GPA of 2.5
with no grade below "C." Education Student Academic Services, 106 Willard, 405-744-6350.

## Leadership (LDRS)

18 hours course work: EDLE 2513, EDLE 4513, UNIV 3110 (6 hours), six elective hours of leadership. 40 hours of documented service learning. GPA of 2.5 with no grade below "C." Steve Haseley, 033 CLB, 405-744-2129; or Steve Harrist, 426 Willard, 405-744-4837.

Leisure Studies (LEIS)
21 hours. RMTR 2413, 2473, 3431, 3432, 3463, 4433, and six hours of RMTR elective (one course must be 4000-level, no credit for Leisure/Activity courses) in consultation with RMTR faculty or Education adviser. GPA of 2.5 with no grade below "C." Education Student Academic Services, 106 Willard, 405-744-6350.

## Minors - College of Engineering, Architecture and Technology

Architectural Studies: History And Theory (ASHT)
21 hours. ARCH 2003, and any six additional Architectural history/theory courses, may include ARCH 4373/5373 (European Program). GPA of 2.5 with no grade below "C." Randy Seitsinger, randy.seitsinger@okstate.edu, 336 ATRC, 405-744-9051.

Petroleum Engineering (PETE)
21 hours. GEOL 3413, ENSC 2123, ENSC 2213, Physical and Chemical Behavior of Petroleum Fluids, Drilling and Well Completions; and six hours from: Production Technology and Design, Reservoir Engineering, Well Logging and Downhole Tools, Reservoir Economics and Valuation. CEAT Student Services, 101 Engineering North, 405-744-5276.

Contact the following individuals for information on areas of concentration:
Engineering, Dr. David Thompson, david.r.thompson@okstate.edu, 201 ATRC, 405-744-5140
Architecture, Mr. Randy Seitsinger, randy.seitsinger@okstate.edu, 101AK Donald W Reynolds Bldg, 405-744-9051
Construction Management Technology, Dr. Dana Hobson, dana.hobson@okstate.edu, 485 Cordell, 405-744-8714
Electrical Engineering Technology, Dr. Imad Abouzahr, imad.abouzahr@okstate.edu, 398 Cordell, 405-744-8718
Fire Protection \& Safety Technology, Dr. Michael Larrañaga, michael.larranaga@okstate.edu, 499 Cordell, 405-744-2673
Mechanical Engineering Technology, Dr. James Bose, jim.bose@okstate.edu, 294 Cordell, 405-744-6270

## Minors - College of Human Environmental Sciences

## Apparel Design and Production (ADP)

24 hours with a 2.50 cumulative/retention GPA. DHM 1103, 1433, 1993, 2203, 2443,2573 and 3013 ; plus 3 credits from: DHM 2212, 3023, 3123, $3153,3213,3533,4403,4453$ or 4993 . Merchandising or Interior Design options must complete 18 credit hours in addition to the requirements for their options. Acceptance to the minor based upon cumulative graduation/retention GPA of 2.0 if less than 31 hours completed; 2.25 if $31-45$ hours completed; 2.50 if over 45 hours completed; Minimum of " C " required in all minor courses. Department of Design, Housing and Merchandising, 431 HES, 405-744-5035.
Child Development (CHDV)
21 hours minimum, 18 hours upper-division with a 2.50 GPA. HDFS 2113, 3113, 3123, 3413, 3423, 3443 and 4413. Department of Human Development and Family Science, 233 HES, 405-744-5057.
Gerontology (GERO)
21 hours minimum, 18 hours upper-division with a 2.50 GPA. HDFS 2113, 3443, 4413, 4543, 4713, 4813 and 4793. Department of Human Development and Family Science, 233 HES, 405-744-5057.
Individual, Family and Community Services (IFCS)
21 hours minimum, 18 hours upper-division with 2.50 GPA. HDFS 2113, 3123, 3433, and 4793; choose three from: HDFS 3113, 3413,3423 or 4413. Department of Human Development and Family Science, 233 HES, 405-744-5057.
International Studies (IS)
22-25 hours with grade of "C" or higher for all courses. HES majors only. Ten hours in one foreign language; 3-6 hours of internship abroad or study abroad experience related to a Human Environmental Sciences major; and 9 hours of International Dimension ("I") courses with 3 of the 9 hours a 3000 or 4000 level HES course. HES Academic Programs and Services, 101 HES, 405-744-5053.

## Merchandising (MERC)

24 hours with a 2.50 cumulative/retention GPA. All students earning a Merchandising minor must complete all of the following courses: DHM 1003, $1433,2573,2913,3433,3553,3563$ and 3853 . Students with options in Apparel Design and Production or Interior Design must complete 18 credit hours in Merchandising beyond these listed hours in addition to the requirements for their options. Acceptance to the minor based upon cumulative graduation/retention GPA of 2.0 if less than 31 hours completed; 2.25 if $31-45$ hours completed; 2.50 if over 45 hours completed; Minimum of " $C$ " required in the prerequisite course ACCT 2103; Minimum of " C " required in all minor courses. Department of Design, Housing and Merchandising, 431 HES, 405-744-5035.
Nutritional Sciences (NSCI)
23 hours with a 2.50 cumulative graduation/retention GPA. NSCI 2114, 3223, 3543, 4023, 4323, BIOC 3653 and ZOOL 3204 . Acceptance to the minor based upon cumulative graduation/retention GPA of 2.50. Minimum of "C" required in all minor courses. Department of Nutritional Sciences, 301 HES, 405-744-5040.

## Minors - Spears School of Business

For all minors except Management Information Systems, 18 of the 27 hours must be taken in residence at OSU, and 6 of the 9 hours for the Specific Minor Area must be taken in residence at OSU.

## Accounting (ACCT)

27 hours. ACCT 2103, 2203, and 3103, and six hours of upper-division accounting; ECON 2103 or 2203; three courses from LSB 3213, FIN 3113, MGMT 3013, or MKTG 3213. GPA of 2.0. Business Student Services, 103 Business, 405-744-2772.
Economics (ECBU)
27 hours. ECON 2103, 2203, and nine hours of upper-division economics (must have a 2.0 in the 15 hours of required economics courses.); ACCT 2103; Nine hours from LSB 3213, FIN 3113, MGMT 3013, or MKTG 3213. GPA of 2.0. Business Student Services, 103 Business, 405-744-2772.

Entrepreneurship (ENTP)
21 hours. ACCT 2103, ECON 2103 or IEM 3503 or AGEC 1114, EEE 3023; 12 hours from EEE 3020, 3663, 3263, 4313, 3033, 3513, 4653, 4113, 4263, 4610, 4483,4010 , LSB 3010, ECON 3033, ENGR 4113, MKTG 4550, 4973, 4500, DHM 4453. GPA of 2.5. Application required - available in the Department of Entrepreneurship, 104 Business, 405-744-5357.
Finance (FIN)
27 hours. FIN 3113 and nine hours of upper-division finance, excluding FIN 4063; nine hours from ACCT 2103 or 2203 or ECON 2103 or 2203 ; six hours from LSB 3213, MGMT 3013, or MKTG 3213. GPA of 2.0. Business Student Services, 103 Business, 405-744-2772.

## General Business Administration (GNBU)

27 Hours. ACCT 2103, 2203; ECON 2103, 2203; MSIS 2103, LSB 3213, FIN 3113, MGMT 3013, and MKTG 3213. GPA of 2.0. Business Student Services, 103 Business, 405-744-2772.
Human Resource Management (HRM)
27 hours. MGMT 3013 and nine hours from MGMT 3123, 3313, 4123, 4133, 4213, 4713, 4813; nine hours from ACCT 2103 or 2203 or ECON 2103 or 2203; six hours from FIN 3113 , LSB 3213, or MKTG 3213. GPA of 2.0. Business Student Services, 103 Business, 405-744-2772.
Information Assurance (IA)
21 hours. MSIS 3123, 4003, 4233, 4243, 4253, 4273; three hours from MSIS 4523, CS 4283, ECEN 4283. Only MSIS 4523 may be transferred from another institution. GPA of 2.5. Business Student Services, 103 Business, 405-744-2772.
International Business (INBU)
27 hours. Nine hours from MKTG 3993, LSB 4633, ECON 3613, FIN 4213, MGMT 4613, 4693, MKTG 4553, ACCT 4763; Nine hours from ACCT 2103 or 2203 or ECON 2103 or 2203; Nine hours from FIN 3113, LSB 3213, MGMT 3013, or MKTG 3213. GPA of 2.0. Business Student Services, 103 Business, 405-744-2772.
Management (MGMT)
27 hours. MGMT 3013 and nine hours from any upper-division MGMT; Nine hours from ACCT 2103 or 2203 or ECON 2103 or 2203; Six hours from FIN 3113, LSB 3213, or MKTG 3213. GPA of 2.0. Business Student Services, 103 Business, 405-744-2772.
Management Information Systems (MIS)
30 hours. MSIS 2203 and 3103; MSIS 4003 or ACCT 3603; Three hours upper division MSIS except 3223; Nine hours from ACCT 2103 or 2203 or ECON 2103 or 2203; Nine hours from FIN 3113, LSB 3213, MGMT 3013 or MKTG 3213. GPA of 2.0 .18 of the 30 hours must be taken in residence at OSU, and 9 of the 12 directed elective hours for MIS must be taken in residence at OSU. Business Student Services, 103 Business, 405-744-2772.
Management Science and Computer Systems (MSCS)
27 hours. MSIS 3233, 4003, 4263; Nine hours from ACCT 2103 or 2203 or ECON 2103 or 2203; Nine hours from FIN 3113, LSB 3213, MGMT 3013, or MKTG 3213. GPA of 2.0. Business Student Services, 103 Business, 405-744-2772.
Marketing (MKTG)
27 hours. MKTG 3213 and nine hours of upper-division marketing courses; Nine hours from ACCT 2103 or 2203 or ECON 2103 or 2203; Six hours from FIN 3113, LSB 3213, or MGMT 3013. GPA of 2.0. Business Student Services, 103 Business, 405-744-2772.

## Sports Management (SPMG)

27 hours. MGMT 3013 and nine hours from MGMT 3943, 4743, MKTG 3713, ECON 3723, MSIS 4943; Nine hours from ACCT 2103 or 2203 or ECON 2103 or 2203; Six hours from FIN 3113, LSB 3213 or MKTG 3213. GPA of 2.0. Business Student Services, 103 Business,
405-744-2772.

## Undergraduate Certificate

Environmental Studies (ENST)
24 hours. Nine hours from among these core courses: AGEC 3503, DHM 4573, GEOG 3153, HIST 4523, POLS 4363 or SOC 4433.
Six hours from among these primary electives: AGCM 3113, AGEC 3713, 4723, ARCH 2003, 4233, BADM 4010, BCOM 3113, BOT 3253, CIED 4560, DHM 2573, ECON 3903, EDLE/EPSY 2513, ENGL 3323, 4533, 5583, ENTO 2003, 2223, ENVR 1113, GEOG 1114, 4233, HDFS 2113, 2114, HIST 4503, HRAD 3473, LEIS 3010, 4473, LSB 5203, MGMT 3013, NSCI 2114, 3543, NREM 1014, PHIL 3413, POLS 4593, SDEV 3013, SOC 4453, 4473, SPCH 3723.
Six hours from among these free electives: AGCM 4403, AGEC 4503, AGLE 2303, 2403, 3333, 4101, AMST/ART 4633, ANTH 3443, 4883, ARCH 4183,4293 , BAE 2023, BHON 4063, BIOL 3223, BOT 3024, 3034, 3263, 3553, 4023, 4123, CHE 4343, DHM 4003, ECON 4723, EDLE/ EPSY 4513, EDLE 5813, ENGL 4523, 4543, 4563, 5513, 5520, 5523, 5593, ENTO 2991, 2992, 4483, ENTO 4400, ENVR 4573, 4813, 5210, GEOG $2343,2253,3023,3053,3123,3133,3163,3173,3243,3703,3713,3763,4103,4113,4243,4373$, GEOL $1014,3004,4663$, HES 3002 , HIST 3053, 3693, 3763, 3783, 4063, IEM 5113, 4953, 5953, JB 4253, 4313, LA 3673, 4433, 4573, 4583, LEIS 2413, 3333, 4453, 4463, 4553, 4563,4943 , LSB 1113, 5213, 5223, 5233, MC 5923, MICR 3103, MGMT 4013, MUSI 3573, 3583, NREM 3343, 3513, 4333, PHIL 4713, 4733 , POLS 2013, 3063, 4123, 4363, 4403, 4466, 5363, PLP 3553, 4400, SDEV 3091, SOC 3213, 3423, 4463, 4473, 4513, 4533, SOIL 3893, 4363, 4463, ZOOL 3113, 3513, 4303, 4483
The student may choose to specialize in a particular area of the environmental studies, but this is not required.
Specializations are:
Environmental Culture and Ethics
Environmental Leadership and Conflict Management
Environmental Policy and Administration
Environmental Communication
Design for a Sustainable Future
The courses listed above may change due to new course additions, changes in course rotations, and changes in instructors. For the latest list, please consult the website at: enst.okstate.edu. Talya Henderson, Program Coordinator, talya.henderson@okstate.edu, 002 LSE, 405-744-9229.

## Certificate

Geographic Information Systems (GIS)
21 hours. Complete nine hours of foundation courses: absolutely required, GEOG 2343; choose one: CS 1103, CS 1113, or MSIS 3363; choose one: GEOG 3333, GEOG 5303, GENT 1153, or MET 1223.
Complete three hours in each of the following four course groups:
Database Management: MSIS 3103, MSIS 4013, MSIS 5643, or NREM 5193.
Data Capture and Representation: BAE 5313, CIVE 3614, CIVE 5263, GEOG 4313, GEOG 4323, GEOG 4333/5333, GEOG 6313, or NREM 3083.
GIS Theory and Applications: GEOG 4343/5323 or GEOG 4353.
Advanced GIS Applications: GEOG 5343, GEOG 5353, GEOG 4510 ( 3 hours), GEOG 5510 ( 3 hours), or GEOG 6333.
Minimum GPA requirement for specific courses. For detailed and latest information of this program, please consult the website at www.geog.okstate.edu. Dr. Jianjun Ge, jianjun.ge@okstate.edu, 316 Murray Hall, 405-744-9167.


[^0]:    *60 hours must be completed at a four-year institution.
    Students will be held responsible for degree requirements in effect at the time of matriculation and any changes that are made, so long as these changes do not result in semester credit hours being added or do not delay graduation.

[^1]:    MAJOR REQUIREMENTS: 81 Hours

    ACCT 2103, 2203
    AGEC 3101, 3213, 3323, 3333, 3423, 3603, 3713, 4343\#,
    4503\#, 4703\#
    ECON 2203, 3113 or 3023,3123 or 3313
    MATH 2103
    \# AGEC 4503 satisfies environmental science requirement and AGEC 4703 satisfies policy requirement for the Agricultural Communications major. AGEC 4343 satisfies international dimension requirements. Nine hours of 4000 level AGEC required for AGBU major.

    Ag Communications Core Courses 35 Hours
    AGCM $2113,3113,3123,3213,3223,3233,4113,4203$, 4300 (2 hours), 4403, 4413

    3 hours from: FDSC 1133, 2253; ANSI 1133, 2253, or NSCI 2114, 3543

[^2]:    Other Requirements:
    Exit interview with Head of Department of Agricultural Economics. A minimum of 40 semester credit hours and 100 grade points must be earned in courses numbered 3000 or above. A 2.00 GPA or higher in upper-division hours. No more than 60 hours may be transferred from a two-year program.

    Students will be held responsible for degree requirements in effect at the time of matriculation and any changes that are made, so long as these changes do not result in semester credit hours being added or do not delay graduation.

[^3]:    Other Requirements:
    Exit interview with Head of Department of Agricultural Economics. A minimum of 40 semester credit hours and 100 grade points must be earned in courses numbered 3000 or above. A 2.00 GPA or higher in upper-division hours. No more than 60 hours may be transferred from a two-year program.

    Students will be held responsible for degree requirements in effect at the time of matriculation and any changes that are made, so long as these changes do not result in semester credit hours being added or do not delay graduation.

[^4]:    Other Requirements:
    Exit interview with Head of Department of Agricultural Economics. A minimum of 40 semester credit hours and 100 grade points must be earned in courses numbered 3000 or above. A 2.00 GPA or higher in upper-division hours. No more than 60 hours may be transferred from a two-year program.

    Students will be held responsible for degree requirements in effect at the time of matriculation and any changes that are made, so long as these changes do not result in semester credit hours being added or do not delay graduation.

[^5]:    Other Requirements:
    A minimum of 40 semester credit hours and 100 grade points must be earned in courses numbered 3000 or above. A 2.00 GPA or higher in upper-division hours.
    Students will be held responsible for degree requirements in effect at the time of matriculation and any changes that are made, so long as these changes do not result in semester credit hours being added or do not delay graduation.

[^6]:    Other Requirements:
    A minimum of 40 semester credit hours and 100 grade points must be earned in courses numbered 3000 or above. A 2.00 GPA or higher in upper-division hours.
    Students will be held responsible for degree requirements in effect at the time of matriculation and any changes that are made, so long as these changes do not result in semester credit hours being added or do not delay graduation.

[^7]:    Other Requirements:
    A minimum of 40 semester credit hours and 100 grade points must be earned in courses numbered 3000 or above. A 2.00 GPA or higher in upper-division hours.
    Students will be held responsible for degree requirements in effect at the time of matriculation and any changes that are made, so long as these changes do not result in semester credit hours being added or do not delay graduation.

[^8]:    Other Requirements:
    A minimum of 40 semester credit hours and 100 grade points must be earned in courses numbered 3000 or above. A 2.00 GPA or higher in upper-division hours.
    Students will be held responsible for degree requirements in effect at the time of matriculation and any changes that are made, so long as these changes do not result in semester credit hours being added or do not delay graduation.

[^9]:    Other Requirements:
    A minimum of 40 semester credit hours and 100 grade points must be earned in courses numbered 3000 or above. A 2.00 GPA or higher in upper-division hours. A 2.25 GPA or higher is required in courses listed in the Major Requirements column above.
    Students will be held responsible for degree requirements in effect at the time of matriculation and any changes that are made, so long as these changes do not result in semester credit hours being added or do not delay graduation.

[^10]:    Other Requirements:
    A minimum of 40 semester credit hours and 100 grade points must be earned in courses numbered 3000 or above. A 2.00 GPA or higher in upper-division hours. A 2.25 GPA or higher is required in courses listed in the Major Requirements column above.

    Students will be held responsible for degree requirements in effect at the time of matriculation and any changes that are made, so long as these changes do not result in semester credit hours being added or do not delay graduation.

[^11]:    Other Requirements:
    A minimum of 40 semester credit hours and 100 grade points must be earned in courses numbered 3000 or above. A 2.00 GPA or higher in upper-division hours. A 2.25 GPA or higher is required in courses listed in the Major Requirements column above.

    Students will be held responsible for degree requirements in effect at the time of matriculation and any changes that are made, so long as these changes do not result in semester credit hours being added or do not delay graduation.

[^12]:    Other Requirements:
    A minimum of 40 semester credit hours and 100 grade points must be earned in courses numbered 3000 or above. A 2.00 GPA or higher in upper-division hours.
    Students will be held responsible for degree requirements in effect at the time of matriculation and any changes that are made, so long as these changes do not result in semester credit hours being added or do not delay graduation.

[^13]:    Other Requirements:
    A minimum of 40 semester credit hours of General Education is required. Exit interview with Head of Department of Plant and Soil Sciences. A minimum of 40 semester credit hours and 100 grade points must be earned in courses numbered 3000 or above. A 2.00 GPA or higher in upper-division hours. No more than 60 hours may be transferred from a two-year program

    Students will be held responsible for degree requirements in effect at the time of matriculation and any changes that are made, so long as these changes do not result in semester credit hours being added or do not delay graduation.

[^14]:    Other Requirements:
    Admission to professional school is required. Please refer to the OSU Catalog corresponding to your matriculation date for detailed admission requirements.
    A student must complete course work at OSU satisfying academic regulation 7.2.
    A student must complete at least 60 credit hours at a senior college.
    A 2.00 GPA is required in all course work listed in the right hand column above.
    The major engineering design experience, capstone course, requirement is satisfied by CHE 4124 and 4224.
    Students will be held responsible for degree requirements in effect at the time of matriculation and any changes that are made, so long as these changes do not result in semester credit hours being added or do not delay graduation.

[^15]:    Other Requirements:

    * 45 upper-division hours required and 60 hours must be completed at a four-year institution.
    ${ }^{* *}$ A 2.50 Major GPA is required. This includes all courses in College/Departmental and Major Requirements.
    A 2.50 Major GPA is required for full admission to the Internship Program.
    Proficiency review required to take sophomore level DHM Interior Design courses.
    Transfer Admission Requirements: 2.00 for less than 31 hours; 2.25 for $31-45$ hours; 2.50 for more than 45 hours.

[^16]:    Other Requirements:

    1. A minimum of 50 percent of the business hours required for a degree must be in residence at OSU.
    2. Forty-five hours of upper division courses and a minimum of 60 hours must be completed at a 4 -year institution.
    3. A minimum of 15 of the last 30 hours must be in residence at OSU.
    4. The student must indicate language proficiency as evidenced by
    a.) 15 hours of study of a single modern foreign language with a minimum grade of " $C$ " or, b.) study in a foreign country approved by the department head and 10 hours of study of a single modern foreign language with a minimum grade of " C " or c .) five hours of intermediate or advanced modern foreign language courses with a minimum grade of " C ", or d .) passing an approved Oklahoma State University examination. *Note: Students who must complete all 15 hours of language courses (i.e., who cannot demonstrate language proficiency equivalent to one course) will need at least 131 hours to meet all degree requirements.
    Students will be held responsible for degree requirements in effect at the time of matriculation and any changes that are made, so long as these changes do not result in semester credit hours being added or do not delay graduation.
[^17]:    Other Requirements:

    1. A minimum of 50 percent of the business hours required for a degree must be in residence at OSU.
    2. Forty-five hours of upper division courses and a minimum of 60 hours must be completed at a 4 -year institution.
    3. A minimum of 15 of the last 30 hours must be in residence at OSU.
[^18]:    Other Requirements:

    1. A minimum of 50 percent of the business hours required for a degree must be in residence at OSU.
    2. Forty-five hours of upper division courses and a minimum of 60 hours must be completed at a 4 -year institution.
    3. A minimum of 15 of the last 30 hours must be in residence at OSU.
[^19]:    Other Requirements:

    1. A minimum of 50 percent of the business hours required for a degree must be in residence at OSU.
    2. Forty-five hours of upper division courses and a minimum of 60 hours must be completed at a 4 -year institution.
    3. A minimum of 15 of the last 30 hours must be in residence at OSU.
[^20]:    Other Requirements:

    1. A minimum of 50 percent of the business hours required for a degree must be in residence at OSU.
    2. Forty-five hours of upper division courses and a minimum of 60 hours must be completed at a 4 -year institution.
    3. A minimum of 15 of the last 30 hours must be in residence at OSU.
