

2011-2012

# UNDERGRADUATE PROGRAMS AND REQUIREMENTS

OKLAHOMA STATE UNIVERSITY





















# **OKLAHOMA STATE UNIVERSITY**

# 2011-2012 Undergraduate Programs and Requirements

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Stillwater, Oklahoma 74078

osu.okstate.edu

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### University

### **Bachelor of University Studies**

UN-2 - University Studies

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### 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

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
- $\textbf{ED-4} \ \ \textit{Health Education and Promotion} \ \ \textit{Community Health Education}$
- ED-5 Health Education and Promotion Exercise and Health
- $\ensuremath{\mathbf{ED-6}}$  Leisure Studies Leisure Service Management
- $\ensuremath{\mathbf{ED-7}}$  Leisure Studies The rapeutic Recreation
- ED-8 Physical Education Teacher Education
- ED-9 Aerospace Administration and Operations Aerospace Logistics
- ED-10 Aerospace Administration and Operations Aviation Management
- $\textbf{ED-11} \ \ Aerospace \ Administration \ and \ Operations \ \ \textit{Aerospace Security}$
- 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

### **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**

- BUS-1 Accounting
- BUS-2 Economics
- BUS-3 Economics Business Economics and Quantitative Studies
- BUS-4 Economics Pre-Law
- BUS-5 Entrepreneurship
- BUS-6 Finance Two Options
- BUS-7 General Business
- BUS-8 General Business Pre-Law
- BUS-9 International Business
- BUS-10 Management
- BUS-11 Management Human Resource Management
- BUS-12 Management Sports Management
- BUS-13 Management Information Systems
- BUS-14 Management Information Systems Information Assurance
- BUS-15 Management Information Systems -Management Science and Computer Systems
- 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 **e**arn 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.



# COLLEGE OF \_\_\_\_\_(TO BE SELECTED)

### OKLAHOMA STATE UNIVERSITY

General Requirements for Students Matriculating in Academic Year 2011-2012

**BACHELOR of UNIVERSITY STUDIES** 

**MAJOR: University Studies** 

Minimum overall grade-point average / 2.00

Total Hours / 120\*

(cumulative graduation/retention GPA)

Other GPA requirements see below.

#### **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**

- 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.
- 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.
- 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.
- 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.
- 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.
- 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.
- 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).
- The student will obtain signatures from the departmental representatives showing approval of the major.
- 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.
- Any necessary changes in the approved program should be requested by the student through the student's adviser and dean.
- 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.

Signature on file in the Office of the Registrar



# COLLEGE OF \_\_\_\_\_\_(TO BE SELECTED)

### OKLAHOMA STATE UNIVERSITY

General Requirements for Students Matriculating in Academic Year 2011-2012

**BACHELOR of UNIVERSITY STUDIES** 

**OPTION: Multidisciplinary Studies MAJOR: University Studies** 

**Total Hours: 120\*** Minimum overall grade-point average: 2.00

(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**

- 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.
- The major requires two or three areas of concentration. If the student 2. 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.
- 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.
- 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).
- The study plan must meet all General Education requirements of the University and the college of enrollment.
- 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.
- Meet with an adviser to determine the student's educational objectives and the two or three areas of concentration.
- Obtain approval from a departmental representative (faculty member or adviser) if the area of concentration does not represent a minor or certificate.
- 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.
- Fulfill the approved graduation requirement for the degree and apply for graduation before the 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.

Signature on file in the Office of the Registrar

# Alphabetical List of Majors and Options

Use the l	bookmarl	k list to	the le	ft to	locate	the	majo	rs and	d opti	ions	in alj	oha	betica	lorc	ler.

# **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 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
- AC 52 Plant and Soil Sciences Acribusiness
- 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**

Name	CWID	Date Checked
Date of graduation Total hours completed		
Hours this semester Hours next semester		
Total hours at junior college used to meet graduation requirement	S	
Upper division hours completed		
Total upper division hours at graduation		
Total hours at graduation		
The student named above will have completed requirements for the recommended deviations and the completion of the courses in white pre-enrolled for the semester he/she is to graduate.		
Substitutions:		
(1)		
(2)		
(3)		
(4)		
(5)		
(6)		
Waives:		
(1)		
(2)		
NOTE: See Academic Regulations 3.7 and 3.8 in the University regulations.	ity Catalog for course s	ubstitutions and waive
APPROVED		
		Adviser
		Department Head
		Dean



# OKLAHOMA STATE UNIVERSITY

General Requirements for Students Matriculating in Academic Year 2011-2012

**BACHELOR of LANDSCAPE ARCHITECTURE** 

**MAJOR: Landscape Architecture** 

Minimum Overall Grade Point Average: 2.00 Total Hours: 150

(cumulative graduation/retention GPA)

 ${\it Other GPA requirements, see below.}$ 

GENERAL EDUCA	TION REQ	QUIREMENTS: 39 HOURS	MAJOR REQUIREMENTS: 85 HOURS  Core Courses 69 Hours		
Area	Hours	To be selected from:	Core courses as as mounts		
English Composition &	6	ENGL 1113 or 1313; & 1213 or 1413 or	Surveying / 3 hrs / MCAG 2313		
Oral Communication		3323. (See Academic Regulation 3.5 in Catalog) (If ENGL 3323 is taken in place of ENGL 1213,	Construction / 12 hrs / LA 3884, 3894	, 4894	
		hours in this block are 6.)	Planning / 12 hrs / LA 4433, 4573, 45	83, 4990 (3)	
			Design / 28 hrs / LA 3314, 3324, 403	34, 4414, 4424, 4514, 4524	
American History & Government	6	HIST 1103; POLS 1113	Plant Material / 3 hrs / HORT 2613		
Analytical 9 Overtitative Thought	6	MATH 1402* or 1512* 0 1612* or 1715* or	Introduction to LA / 3 hrs / LA 1013		
Analytical & Quantitative Thought (A)	0	MATH 1483* or 1513* & 1613* or 1715* or STAT 2023*	Professional Practice / 6 hrs / LA 3112	, 3682, 4112	
			Internship / 2 hrs / LA 3010		
Humanities (H)	6	Any lower division course designated (H); and LA 3673			
			Choose <u>16 hours</u> from one of the f	following areas of emphasis:	
Natural Sciences (N)	8	BIOL 1114* (or BOT 1404*) CHEM 1215* (or 1314*)	These courses may apply to any area: LA 2513, 3010, 4053, 4063, 4990, 5110		
Social & Behavioral Sciences (S) 7 AGEC 1114*; SPCH 2713		Courses listed or other courses approved by Program Director			
Diversity (D)		Any course designated (D).	Design ARCH 1112, 1216, 2003, 2116, 2216, 2263, 4193, 5193, 5373		
nternational Dimension (I)		Any course designated (I).	ARC11112, 1210, 2003, 2110, 2210, 2203, 4133, 3130 ART 1113, 1203, 1303, 1603, 2003, 2113, 2213, 3110 — DHM 1123, 3233, 3353, 4143, 4573		
Scientific Investigation (L)		Any course designated (L).			
*College & Departmental requiremen	ts that may	be used to meet GE requirements.	Environmental Planning AGEC 3503	HIST 3463, 4063, 4503, 4523	
College/Departi	MENTAL R	REQUIREMENTS: 23 HOURS	BOT 3253 ENVR 1113, 4813 GEOG 1113, 1114, 2253, 2343, 3123,	LEIS 4473 MMJ 3823, 3913 POLS 4363, 4593	
Agricultural Sciences and	5	AG 1011; SOIL 2124	3153, 3173, 3703, 3743, 3753, 4113,	SOC 3423, 4433	
Natural Resources			4123, 4143, 4153, 4333, 4343	NREM 4403, 4303, 4363, 4393	
Business Courses	3	ACCT 2103 (EEE 3023 or FIN 2123 or LSB 3213 or MKTG 3213)	GEOL 1114, 3073		
Communications Courses	3	3 hours from BCOM 3113, 3223; or	HOPT 1013 2513 3013 3153 3513 3612	AA53 A5A3 A7A3 A000	
Communications Courses	3	ENGL 3323	HORT 1013, 2513, 3013, 3153, 3513, 3612, Other studies: Requires study plan approved		
		(If ENGL 3323 is substituted for ENGL 1213 above, then hours in this area are zero)	department head.	•	
Graphic Communications Skills	12	ART 1103 (or GENT 1153 or ARCH 1216);	ELECTIVES	/3 Hours	
S.apo Communications online	'-	LA 2213, 2223, 2323			

#### 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	Signature on file in the Office of the Registrar
DEAN	DEPARTMENT HEAD



### OKLAHOMA STATE UNIVERSITY

**General Requirements for Students Matriculating in Academic Year 2011-2012** 

**BACHELOR of SCIENCE in AGRICULTURAL SCIENCES and NATURAL RESOURCES** 

**Total Hours: 120** 

**MAJOR: Agribusiness** 

Minimum Overall Grade Point Average: 2.00

(cumulative graduation/retention GPA)

Other GPA requirements, see below.

GENERAL EDUCA	ATION REG	QUIREMENTS: 42 Hours	MAJOR REQUIREMENTS: 61 HOURS		
Area	rea Hours To be selected from:		Core Courses 37 Hours		
English Composition & Oral Communication	6	ENGL 1113 or 1313; & 1213 or 1413 or 3323. (See Academic Regulation 3.5 in Catalog)	ACCT 2103, 2203		
American History & Government	6	HIST 1103 or 1483 or 1493; POLS 1113	AGEC 3101, 3213, 3333, 3423, 3603, 3713 (or LSB 3213)  ECON 2203, 3113 (or 3023), 3123 (or 3313)		
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.)	6 hours from:  AGEC 3323, BCOM, SPCH, foreign language courses, or written communication courses not used elsewhere.		
Humanities (H)	6	Any courses designated (H); must include one lower-division course	Related Courses <u>24 Hours</u>		
Natural Sciences (N)	8 BIOL 1114*; CHEM 1014* (or 1215* or 1314*)		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		
Social & Behavioral Sciences (S)	7	AGEC 1114*; SPCH 2713*	elsewhere.		
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 requiremen	nts that may	be used to meet GE requirements.			
College/Depart	MENTAL F	REQUIREMENTS: 10 HOURS	ELECTIVES: 7 HOURS		
Agricultural Sciences and Natural Resources	7	AG 1011; from two of the following groups, select one course: 1. PLNT 1213, HORT 1013, NREM 1113, 3343 2. SOIL 2124 3. ANSI 1124, FDSC 1133, ENTO 2993, 3003 4. NREM 1014, 2013, ENVR 1113, BIOC 2344, LA 1013			
Written Communications	3	AGCM 3103; or BCOM 3113; or ENGL 3323; (If ENGL 3323 is substituted for ENGL 1213 above; hours in this block are zero.)			

#### Other Requirements:

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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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OKLAHOMA STATE UNIVERSITY

**General Requirements for Students Matriculating in Academic Year 2011-2012** 

**BACHELOR of SCIENCE in AGRICULTURAL SCIENCES and NATURAL RESOURCES** 

MAJOR: Agribusiness OPTION: Agricultural Communications Double Major

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: 8 HOURS					
Agricultural Sciences and Natural Resources	8	AG 1011; ANSI 1124*, PLNT 1213* *AGCM requirements			

### MAJOR REQUIREMENTS: 81 HOURS

**Total Hours: 128** 

### Agribusiness Core Courses 46 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

 $\mathsf{AGCM} \quad 2113, \, 3113, \, 3123, \, 3213, \, 3223, \, 3233, \, 4113, \, 4203, \\$ 

4300 (2 hours), 4403, 4413

3 hours from: FDSC 1133, 2253; ANSI 1133, 2253, or

NSCI 2114, 3543

### 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.

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OKLAHOMA STATE UNIVERSITY

**General Requirements for Students Matriculating in Academic Year 2011-2012** 

BACHELOR of SCIENCE in AGRICULTURAL SCIENCES and NATURAL RESOURCES

MAJOR: Agribusiness OPTION: Crop and Soil Sciences

Minimum Overall Grade Point Average: 2.00 Total Hours: 120

(cumulative graduation/retention GPA)

Other GPA requirements, see below.

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 requirement	s that may	be used to meet GE requirements.
College/Departn	IENTAL R	REQUIREMENTS: 11 HOURS
Agricultural Sciences and Natural Resources	8	AG 1011; SOIL 2124 One course from the following: NREM 1113, 3343; HORT 1013; PLNT 1213
Written Communications	3	AGCM 3103, BCOM 3113, or ENGL 3323; (If ENGL 3323 is substituted for ENGL 1213 above; hours in this block are zero.)

MAJOR	REQUIREMENTS:	66	Hours
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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 12 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

<u>Area D</u>: 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

<u>Area E</u>: 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

<u>Area G</u>: 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.

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OKLAHOMA STATE UNIVERSITY

**General Requirements for Students Matriculating in Academic Year 2011-2012** 

**BACHELOR of SCIENCE in AGRICULTURAL SCIENCES and NATURAL RESOURCES** 

MAJOR: Agribusiness OPTION: Farm and Ranch Management

Minimum Overall Grade Point Average: 2.00 Total Hours: 120

(cumulative graduation/retention GPA)

Other GPA requirements, see below.

GENERAL EDUCA	TION REC	QUIREMENTS: 42 Hours	MAJOR REQUIREMENTS: 55 HOURS		
Area	rea Hours To be selected from:		Core Courses <u>37 Hours</u>		
English Composition & Oral Communication	6	ENGL 1113 or 1313; & 1213 or 1413 or 3323. (See Academic Regulation 3.5 in Catalog)	ACCT 2103, 2203 AGEC 3101, 3213, 3333, 3423, 3603, 3713		
American History & Government	6	HIST 1103 or 1483 or 1493; POLS 1113	ECON 2203, 3113 (or 3023), 3123 (or 3313)		
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.)	6 hrs from: AGEC 3323, BCOM, SPCH, foreign language courses, or written communication courses not used elsewhere.		
Humanities (H)	6	Any courses designated (H); must include one lower-division course	Related Courses 18 Hours  AGEC 4403		
Natural Sciences (N)	Natural Sciences (N) 8 BIOL 1114*; CHEM 1014* (or 1215* or 1314*)		6 hours from: AGEC 4213, 4333, 4423, 4503, 4513, 4703 9 hours upper-division from:		
Social & Behavioral Sciences (S)	7	AGEC 1114*; SPCH 2713*	ANSI, ENTO, HORT, NREM, MCAG, PLNT, PLP, SOIL		
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 requiremer	its that may	be used to meet GE requirements.			
College/Depart	MENTAL F	REQUIREMENTS: 10 HOURS	ELECTIVES: 13 HOURS		
Agricultural Sciences and Natural Resources	7	AG 1011; from two of the following four groups, select one course: 1. PLNT 1213, HORT 1013, NREM 1113, 3343 2. SOIL 2124 3. ANSI 1124, FDSC 1133, ENTO 2993, 3003 4. NREM 1014, 2013, ENVR 1113, BIOC 2344, LA 1013			
Written Communications	3	AGCM 3103; or BCOM 3113; or ENGL 3323; (If ENGL 3323 is substituted for ENGL 1213 above; hours in this block are zero.)			

# Other Requirements:

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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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### OKLAHOMA STATE UNIVERSITY

**General Requirements for Students Matriculating in Academic Year 2011-2012** 

**BACHELOR of SCIENCE in AGRICULTURAL SCIENCES and NATURAL RESOURCES** 

MAJOR: Agribusiness OPTION: Finance

Minimum Overall Grade Point Average: 2.00 Total Hours: 120

(cumulative graduation/retention GPA)

Other GPA requirements, see below.

GENERAL EDUCATION REQUIREMENTS: 42 HOURS		QUIREMENTS: 42 HOURS	MAJOR REQUIREMENTS: 55 HOURS
Area	Hours	To be selected from:	Core Courses 37 Hours
English Composition & Oral Communication	6	ENGL 1113 or 1313; & 1213 or 1413 or 3323. (See Academic Regulation 3.5 in Catalog)	ACCT 2103, 2203 AGEC 3101, 3213, 3333, 3423
American History & Government  Analytical & Quantitative Thought (A)  Humanities (H)	6 9	HIST 1103 or 1483 or 1493; POLS 1113  MATH 1483* (or 1513*); & 2103*; STAT 2023* (or 4013*) (if MATH 1483 or 1513 is not taken, then hours in this block are 6.)  Any courses designated (H); must include one lower-division course	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.
Natural Sciences (N)	8	BIOL 1114*; CHEM 1014* (or 1215* or 1314*)	Related Courses 18 Hours FIN 4223, 4333
Social & Behavioral Sciences (S)  Diversity (D)		AGEC 1114*; SPCH 2713*  Any course designated (D).	9 hours from: AGEC 4213, 4333, 4403, 4423, 4513, 4703  3 additional hours from FIN courses numbered 3000 or above (excluding FIN 40
International Dimension (I)		Any course designated (I), such as AGEC 4343, 4803, or courses designated both (I) and (H).	
*College & Departmental requiremen	ts that may	Met by either BIOL 1114 or CHEM 1014  be used to meet GE requirements.	
College/Depart	MENTAL F	REQUIREMENTS: 10 HOURS	ELECTIVES: 13 HOURS
Agricultural Sciences and Natural Resources	7	AG 1011; from two of the following four groups, select one course: 1. PLNT 1213, HORT 1013, NREM 1113, 3343 2. SOIL 2124 3. ANSI 1124, FDSC 1133, ENTO 2993, 3003 4. NREM 1014, 2013, ENVR 1113, BIOC 2344, LA 1013	Hours to complete required total.
Written Communications	3	AGCM 3103; or BCOM 3113; or ENGL 3323; (If ENGL 3323 is substituted for ENGL 1213 above; hours in this block are zero.)	

#### 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.

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OKLAHOMA STATE UNIVERSITY

**General Requirements for Students Matriculating in Academic Year 2011-2012** 

**BACHELOR of SCIENCE in AGRICULTURAL SCIENCES and NATURAL RESOURCES** 

MAJOR: Agribusiness OPTION: Management

Minimum Overall Grade Point Average: 2.00 Total Hours: 120

(cumulative graduation/retention GPA)

Other GPA requirements, see below.

GENERAL EDUCATION REQUIREMENTS: 42 HOURS			MAJOR REQUIREMENTS: 58 HOURS
Area	Hours	To be selected from:	Core Courses 37 Hours
English Composition & Oral Communication	6	ENGL 1113 or 1313; & 1213 or 1413 or 3323. (See Academic Regulation 3.5 in Catalog)	ACCT 2103, 2203 AGEC 3101, 3213, 3333, 3423, 3603
American History & Government	6	HIST 1103 or 1483 or 1493; POLS 1113	ECON 2203, 3113 (or 3023), 3123 (or 3313) LSB 3213
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.)	6 hours from: AGEC 3323, BCOM, SPCH, foreign language courses or written communication courses not used elsewhere.
Humanities (H)	6	Any courses designated (H); must include one lower-division course	Related Courses 21 Hours
Natural Sciences (N)	8	BIOL 1114*; CHEM 1014* (or 1215* or 1314*)	AGEC 4423 MGMT 3013, 3313
Social & Behavioral Sciences (S) 7 AGEC 1114*; SPCH 2713*		AGEC 1114*; SPCH 2713*	6 hours from: AGEC 3463, 4403, 4703, 4723 6 additional hours from MGMT courses numbered 3000 or above.
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 requirement	nts that may	be used to meet GE requirements.	
College/Depart	MENTAL R	REQUIREMENTS: 10 HOURS	ELECTIVES: 10 HOURS
Agricultural Sciences and Natural Resources	7	AG 1011; from two of the following: 1. PLNT 1213, HORT 1013, NREM 1113, 3343 2. SOIL 2124 3. ANSI 1124, FDSC 1133, ENTO 2993, 3003 4. NREM 1014, 2013, ENVR 1113, BIOC 2344, LA 1013	Hours to complete required total.
Written Communications	3	AGCM 3103; or BCOM 3113; or ENGL 3323; (If ENGL 3323 is substituted for ENGL 1213 above; hours in this block are zero.)	

#### Other Requirements:

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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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# OKLAHOMA STATE UNIVERSITY

**General Requirements for Students Matriculating in Academic Year 2011-2012** 

**BACHELOR of SCIENCE in AGRICULTURAL SCIENCES and NATURAL RESOURCES** 

MAJOR: Agribusiness OPTION: 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			MAJOR REQUIREMENTS: 58 HOURS
Area	Hours	To be selected from:	Core Courses 37 Hours
English Composition & Oral Communication	6	ENGL 1113 or 1313; & 1213 or 1413 or	ACCT 2103, 2203
Oral Communication		3323. (See Academic Regulation 3.5 in Catalog)	AGEC 3101, 3213, 3323, 3333, 3423, 3603
American History & Government	6	HIST 1103 or 1483 or 1493; POLS 1113	ECON 2203, 3113 (or 3023), 3123 (or 3313)
			LSB 3213
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.)	3 hours from: BCOM, SPCH, foreign language courses or written communication courses not used elsewhere.
Humanities (H)	6	Any courses designated (H); must include one lower-division course	Related Courses 21 Hours  AGEC 4423
			MKGT 3213, 3323, 4333
Natural Sciences (N)	8	BIOL 1114*; CHEM 1014* (or 1215* or 1314*)	6 hours from: AGEC 4213, 4333, 4343, 4703, 4723
Social & Behavioral Sciences (S)	7	AGEC 1114*; SPCH 2713*	3 additional hours from MKTG courses numbered 3000 or above.
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 requireme	nts that may	be used to meet GE requirements.	
College/Depart	MENTAL R	REQUIREMENTS: 10 HOURS	ELECTIVES: 10 Hours
Agricultural Sciences and Natural Resources	7	AG 1011; from two of the following four groups, select one course: 1. PLNT 1213, HORT 1013, NREM 1113, 3343 2. SOIL 2124 3. ANSI 1124, FDSC 1133, ENTO 2993, 3003 4. NREM 1014, 2013, ENVR 1113, BIOC 2344, LA 1013	Hours to complete required total.
Written Communications	3	AGCM 3103; or BCOM 3113; or ENGL 3323; (If ENGL 3323 is substituted for ENGL 1213 above; hours in this block are zero.)	

### 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.

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# OKLAHOMA STATE UNIVERSITY

**General Requirements for Students Matriculating in Academic Year 2011-2012** 

**BACHELOR of SCIENCE in AGRICULTURAL SCIENCES and NATURAL RESOURCES** 

MAJOR: Agribusiness OPTION: Pre-Law

Minimum Overall Grade Point Average: 2.00 Total Hours: 120

(cumulative graduation/retention GPA)

Other GPA requirements, see below.

GENERAL EDUCATION REQUIREMENTS: 42 HOURS			MAJOR REQUIREMENTS: 61 HOURS	
Area	Hours	To be selected from:	Core Courses <u>37 Hours</u>	
English Composition & Oral Communication	6	ENGL 1113 or 1313; & 1213 or 1413 or 3323. (See Academic Regulation 3.5 in Catalog)	ACCT 2103, 2203 AGEC 3101, 3213, 3333, 3423, 3603, 3713 (or LSB 3213)	
American History & Government	6	HIST 1103 or 1483 or 1493; POLS 1113	ECON 2203, 3113 (or 3023), 3123 (or 3313)	
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.)	6 hours from: AGEC 3323, BCOM, SPCH, foreign language courses, or written communication courses not used elsewhere.  Related Courses 24 Hours	
Humanities (H)	6	Any courses designated (H); must include one lower-division course	9 hours from: AGEC 3703, 4213, 4333, 4343, 4403, 4423, 4503, 4513, 4703, 4723	
Natural Sciences (N)	8	BIOL 1114*; CHEM 1014* (or 1215* or 1314*)	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;	
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).	PSYC 4143; SOC 4443	
Scientific Investigation (L)		Met by either BIOL 1114 or CHEM 1014		
*College & Departmental requirement	nts that may	be used to meet GE requirements.		
College/Depart	MENTAL F	REQUIREMENTS: 10 HOURS	ELECTIVES: 7 HOURS	
Agricultural Sciences and Natural Resources	7	AG 1011; from two of the following four groups, select one course: 1. PLNT 1213, HORT 1013, NREM 1113, 3343 2. SOIL 2124 3. ANSI 1124, FDSC 1133, ENTO 2993, 3003 4. NREM 1014, 2013, ENVR 1113, BIOC 2344, LA 1013	Hours to complete required total.	
Written Communications	3	AGCM 3103; or BCOM 3113; or ENGL 3323; (If ENGL 3323 is substituted for ENGL 1213 above; hours in this block are zero.)		

### 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.

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Other Requirements:

DEAN

hours being added or do not delay graduation.

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# **COLLEGE OF AGRICULTURAL SCIENCES & NATURAL RESOURCES**

OKLAHOMA STATE UNIVERSITY

General Requirements for Students Matriculating in Academic Year 2011-2012

BACHELOR of SCIENCE in AGRICULTURAL SCIENCES and NATURAL RESOURCES

MAJOR: Agribusiness OPTION: Pre-Veterinary Business Management

Minimum Overall Grade Point Average: 2.00 Total Hours: 120

(cumulative graduation/retention GPA)

Other GPA requirements, see below.

GENERAL EDUCA	TION <b>R</b> EQ	UIREMENTS: 44 HOURS	MAJOR REQUIREMENTS: 66 HOURS
Area	Hours	To be selected from:	ACCT 2103
English Composition &	6	ENGL 1113 or 1313; & 1213 or 1413 or	AGEC 3213, 3423, 3603, 3713
Oral Communication		3323. (See Academic Regulation 3.5 in Catalog) (OSU Vet School requires ENGL 1113 & 1213)	ANSI 3423 (or BIOL 3023 or PLNT 3554), 3543
		(000 10100.1001.1000.1000.1000.1000.1000	BIOC 3653
American History & Government	6	HIST 1103 or 1483 or 1493; POLS 1113	CHEM 3015 (or CHEM 3053, 3153, 3112)
Analytical & Quantitative Thought	6	MATH 2103*; STAT 2023* (or 4013*)	ECON 2203
(A)	0	MAIH 2103 , STAT 2023 (01 40 13 )	MICR 2123, 2132
Humanities (H)	6	Any courses designated (H); must include	- PHYS 1114, 1214
Trumanities (11)		one lower-division course	ZOOL 1604 
Natural Sciences (N)	13	BIOL 1114*; CHEM 1314*, 1515*	Choose one of the two alternatives:
			I. First year of professional program
Social & Behavioral Sciences (S)	7	AGEC 1114*; SPCH 2713*	With the approval of the adviser, department head, and dean a maximum of 25 hour
Diversity (D)		Any course designated (D).	from an accredited dental, medical, optometry, osteopathic, pharmacy, podiatry, or veterinary medical school may be used to complete hours.
International Dimension (I)	Any course designated (I), such as AGEC	II. Without first year of professional program	
		4343, 4803, or courses designated both (I) and (H).	AGEC 3333, 4403 (or 4423), 4723 ECON 3113 (or 3123)
			3 additional upper-division hours from AGEC courses.
Scientific Investigation (L)		Met by either BIOL 1114 or CHEM 1014	2 additional hours
*College & Departmental requiremen	ts that may l	be used to meet GE requirements.	
COLLEGE/DEPART	MENTAL R	EQUIREMENTS: 10 Hours	
Agricultural Sciences and Natural Resources	7	AG 1011; from two of the following four groups, select	
		one course: 1. PLNT 1213, HORT 1013, NREM 1113, 3343 2. SOIL 2124 3. ANSI 1124, FDSC 1133, ENTO 2993, 3003 4. NREM 1014, 2013, ENVR 1113, BIOC 2344, LA 1013	
Written Communications	3	AGCM 3103; or BCOM 3113; or ENGL 3323	

A 2.00 GPA or higher in upper-division hours. No more than 60 hours may be transferred from a two-year program.

**DEPARTMENT HEAD** 

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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.

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



# OKLAHOMA STATE UNIVERSITY

General Requirements for Students Matriculating in Academic Year 2011-2012

### **BACHELOR of SCIENCE in AGRICULTURAL SCIENCES and NATURAL RESOURCES**

**MAJOR: Agricultural Communications** 

Minimum Overall Grade Point Average: 2.00

(cumulative graduation/retention GPA)

Other GPA requirements, see below.

Area	Hours	To be selected from:  ENGL 1113 or 1313; 1213 or 1413 or 3323. (See Academic Regulation 3.5 in Catalog)	
English Composition & Oral Communication	6		
American History & Government	6	HIST 1103 or 1483 or 1493; POLS 1113	
Analytical & Quantitative Thought (A)	6	Select from: MATH 1483*, 1493*, 1513*; higher MATH* or 3 hours designated (A)*	
Humanities (H)	6	Any courses designated (H); must include one lower-division course	
Natural Sciences (N)	9	BIOL 1114*; CHEM 1014* or 1215*	
Social & Behavioral Sciences (S)	7	AGEC 1114*; SPCH 2713*	
Diversity (D)		Any course designated (D).	
International Dimension (I)		AGED 4713 or ANSI 3903 or any course designated (I).	
Scientific Investigation (L)		Any course designated (L)	
*College & Departmental requirement	its that may	be used to meet GE requirements.	
College/Depart	MENTAL R	REQUIREMENTS: 20 HOURS	
Agricultural Sciences and Natural Resources	17	AG 1011; AGLE 3303 or AGEC 3403; ANSI 1124; PLNT 1213 3 hours food science–related course; 3 hours environmental science course	
Communications Courses	3	AGCM 2113 or MC 2003	

### MAJOR REQUIREMENTS: 60 HOURS

**Total Hours: 120** 

### Core Courses 45 Hours

ACCT 2103 or FIN 2123 or AGEC 3183

AGCM 3101, 3113 (or MMJ 3263), 3123, 3213, 3223, 3233,

4113 (or MMJ 3313), 4203, 4300 (2 hours), 4403, 4413

AGEC 3323 (or MKTG 3213), 3703, 3713 (or LSB 3213)

AGED 4713 or ANSI 3903 or any course designated (I)

#### Related Courses 15 Hours

To be selected from courses in agriculture and communications areas.

### 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.

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# OKLAHOMA STATE UNIVERSITY

General Requirements for Students Matriculating in Academic Year 2011-2012

**BACHELOR of SCIENCE in AGRICULTURAL SCIENCES and NATURAL RESOURCES** 

MAJOR: Agricultural Communications OPTION: Agribusiness Double Major

Minimum Overall Grade Point Average: 2.00

(cumulative graduation/retention GPA)

Other GPA requirements, see below.

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	l seed to meet GE requirements.	
College/Departm	ENTAL R	EQUIREMENTS: 14 HOURS	
Agricultural Sciences and Natural Resources	14	AG 1011; AGCM 2113; ANSI 1124; PLNT 1213 3 hours from the following: ANSI 1133, 2253; FDSC 1133, 2253; NSCI 1114 or 3543	

### MAJOR REQUIREMENTS: 75 HOURS

**Total Hours: 128** 

### Agricultural Communications Core Courses 30 Hours

AGCM 3101, 3113, 3123, 3213, 3223, 3233, 4113, 4203, 4300 (2 hours), 4403, 4413

### Agricultural Economics Core Courses 45 Hours

ACCT 2103, 2203

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.

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# OKLAHOMA STATE UNIVERSITY

General Requirements for Students Matriculating in Academic Year 2011-2012

**BACHELOR of SCIENCE in AGRICULTURAL SCIENCES and NATURAL RESOURCES** 

MAJOR: Agricultural Communications OPTION: Animal Science Double Major

Minimum Overall Grade Point Average: 2.00 Total Hours: 130

(cumulative graduation/retention GPA)

Other GPA requirements, see below.

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	Select from: MATH 1483*, 1493*, 1513*; higher MATH* or 3 hours 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*; SPCH 2713*	
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 requiremen	ts that may	be used to meet GE requirements.	
College/Departm	MENTAL R	EQUIREMENTS: 19 HOURS	
Agricultural Sciences and Natural Resources	19	AG 1011; AGCM 2113; ANSI 1124; PLNT 1213	
Communications Courses		5 hours from ANSI 1133, 2112, 2253;	
		One of the following courses ENVR 1113 or ENTO 3003 or NREM 1113 or NREM 3343	

### **MAJOR REQUIREMENTS: 68 HOURS**

### Ag Communications Core Courses 42 Hours

ACCT 2103 or FIN 2123 or AGEC 3183

AGCM 3101, 3113, 3213, 3223, 3233, 4113, 4203,

4300 (2 hours), 4403, 4413

AGEC 3703, 3323 (or MKTG 3213), 3713 (or LSB 3213)

AGLE 3303 or AGEC 3403 or AGCM 3123

#### Animal Science Core Courses 26 Hours

ANSI 3423, 3433, 3443, 3543, 3653, 4712, 4863

6 hours (at least 2 species) from:

ANSI 4023, 4423, 4543, 4553, 4613, 4633, 4643

### Other Requirements:

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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



# OKLAHOMA STATE UNIVERSITY

**General Requirements for Students Matriculating in Academic Year 2011-2012** 

**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		QUIREMENTS: 42 HOURS	MAJOR REQUIREMENT: 68 HOURS
Area	Hours	To be selected from:	Core Courses 37 Hours
English Composition & Oral Communication	6	ENGL 1113 or 1313; & 1213 or 1413 or 3323. (See Academic Regulation 3.5 in Catalog)	ACCT 2103, 2203 AGEC 3101, 3213, 3333, 3423, 3603, 3713 (or LSB 3213)
American History & Government	6	HIST 1103, 1483 or 1493; POLS 1113	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.
Analytical & Quantitative Thought (A)	9	MATH 1483* (or 1513*); and 2103* (or 2144*); STAT 2023* (or 4013*) (If MATH 1483 or 1513 is not taken, then hours in this block are 6.)	Related Courses 31 Hours  Choose one of the following four alternatives:  I. General
Humanities (H)	6	Any courses designated (H); must include one lower-division course	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
Natural Sciences (N)	8	BIOL 1114*; CHEM 1014* (or 1215* or 1314*)	13 additional hours  II. Community and Regional Analysis
Social & Behavioral Sciences (S)	7	AGEC 1114*; SPCH 2713*	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;
Diversity (D)	-	Any course designated (D).	POLS 2033, 3493, 3613, 4413; SOC 3413, 3423, 4423  10 additional hours
International Dimension (I)		Any course designated (I), such as AGEC 4843, 4803, or courses designated both (I) and (H).	III. Natural Resources  AGEC 3503, 4503; GEOG 2343 (or 4323) 6 hours from: AGEC 3703, 4213, 4333, 4343, 4403, 4423, 4513, 4703, 4723
Scientific Investigation (L)		Met by either BIOL 1114 or CHEM 1014	9 hours from: ECON 3903; GEOG 3023, 3033, 3153, 4153, 4163, 4333, 4343; GEOL 3503, 4663; Any Upper-Division NREM; POLS 4363, 4593;
*College & Departmental requiremen	nts that may	be used to meet GE requirements.	SOC 4433; SOIL 4363, 4463, 4563, 4913 7 additional hours
College/Depart	MENTAL F	REQUIREMENTS: 10 HOURS	IV. Quantitative Studies  AGEC 4213; MATH 2153, 3013; MGMT 3013; MSIS 3223
Agricultural Sciences and Natural Resources	7	AG 1011 from two of the following four groups, select one course: 1. PLNT 1213, HORT 1013, NREM 1113, 3343 2. SOIL 2124 3. ANSI 1124, FDSC 1133, ENTO 2993, 3003 4. NREM 1014, 2013, ENVR 1113, BIOC 2344, LA 1013	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
Written Communications	3	AGCM 3103; or BCOM 3113; or ENGL 3323 (If ENGL 3323 is substituted for ENGL 1213 above; hours in this block are zero.)	

#### Other Requirements:

DEAN

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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# OKLAHOMA STATE UNIVERSITY

General Requirements for Students Matriculating in Academic Year 2011-2012

**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 EDUCA	TION REC	QUIREMENTS: 39 HOURS	Major Requirements: 73 Hours
Area	Hours	To be selected from:	ACCT 2103, 2203, 3013, 3103, 3113, 3203, 3603, 4133, 4503
English Composition & Oral Communication	6	ENGL 1113 or 1313; & 1213 or 1413 or 3323. (See Academic Regulation 3.5 in Catalog)	AGEC 3101, 3213, 3323, 3333, 3423, 3603 (or FIN 3113)
Ordi Communication		COZO: (CCC / Cadelino Regulation C.C in Catalog)	BADM 4513
American History & Government	6	HIST 1103 or 1483 or 1493; POLS 1113	ECON 2203, 3113 (or 3023)
Analytical & Quantitative Thought	6	MATH 2103*; STAT 2023* (or 4013)	LSB 3213
(A)		WATT 2100 , OTAT 2020 (01 4010)	MGMT 3013
Humanities (H)	6	Any courses designated (H); must include one lower-division course	MSIS 2103, 3223
		one lower-division course	9 hours from: AGEC 4213, 4333, 4343, 4403, 4423, 4503, 4513, 4703, 4723, 480
Natural Sciences (N)	8	BIOL 1114*; CHEM 1014* (or 1215* or	Must have a GPA of 2.5 in this block.
		1314*)	A grade of "C" or better must be earned in all accounting courses.
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 requirement	its that may	l be used to meet GE requirements.	
College/Depart	MENTAL R	EQUIREMENTS: 10 Hours	ELECTIVES: 1 HOUR
Agricultural Sciences and Natural Resources	7	AG 1011; from two of the following four groups, select one course: 1. PLNT 1213, HORT 1013, NREM 1113, 3343 2. SOIL 2124 3. ANSI 1124, FDSC 1133, ENTO 2993, 3003 4. NREM 1014, 2013, ENVR 1113, BIOC 2344, LA 1013	Hours to complete required total.
Written Communications	3	AGCM 3103; or BCOM 3113; or ENGL 3323 (If ENGL 3323 is substituted for ENGL 1213 above; hours in this block are zero.)	

### 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.

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# OKLAHOMA STATE UNIVERSITY

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

**Total Hours: 120** 

Minimum Overall Grade Point Average: 2.00

(cumulative graduation/retention GPA)

Other GPA requirements, see below.

GENERAL EDUCA	TION REQ	QUIREMENTS: 42 HOURS	MAJOR REQUIREMENTS: 61 HOURS
Area	Hours	To be selected from:	Core Courses 31 Hours
English Composition & Oral Communication	6	ENGL 1113 or 1313; & 1213 or 1413 or 3323. (See Academic Regulation 3.5 in Catalog)	ACCT 2103, 2203 AGEC 3101, 3213, 3333, 3423, 3603 (or FIN 3113), 3713 (or LSB 321
American History & Government	6	HIST 1103 or 1483 or 1493; POLS 1113	ECON 2203, 3113 (or 3023), 3123 (or 3313)
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.)	International Related Courses 30 Hours  AGEC 4343, 4803
Humanities (H)	6	Any courses designated (H); must include one lower-division course	15 hours from: courses in same foreign language 3 hours from: AGEC 4213, 4333, 4403, 4423, 4503, 4703
Natural Sciences (N)	8	BIOL 1114*; CHEM 1014* (or 1215* or 1314*)	6 additional hours from courses in the above foreign language or upper-division courses designated (I).
Social & Behavioral Sciences (S)	7	AGEC 1114*; SPCH 2713*	
Diversity (D)		Any course designated (D).	
International Dimension (I)		Met by AGEC 4343 or 4803	
Scientific Investigation (L)		Met by either BIOL 1114 or CHEM 1014	
*College & Departmental requiremen	ts that may	be used to meet GE requirements.	
College/Depart	MENTAL F	REQUIREMENTS: 10 HOURS	ELECTIVES: 7 HOURS
Agricultural Sciences and Natural Resources	7	AG 1011; from two of the following four groups, select one course: 1. PLNT 1213, HORT 1013, NREM 1113, 3343 2. SOIL 2124 3. ANSI 1124, FDSC 1133, ENTO 2993, 3003 4. NREM 1014, 2013, ENVR 1113, BIOC 2344, LA 1013	Hours to complete required total.
Written Communications	3	AGCM 3103; or BCOM 3113 or ENGL 3323 (If ENGL 3323 is substituted for ENGL 1213 above, hours in this block are 0.)	

#### 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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OKLAHOMA STATE UNIVERSITY

**General Requirements for Students Matriculating in Academic Year 2011-2012** 

**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

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

Other GPA requirements, see below.

GENERAL EDUCATION REQUIREMENTS: 51 HOURS		QUIREMENTS: 51 HOURS	MAJOR REQUIREMENTS: 35 HOURS
Area	Hours	To be selected from:	AGED 4713 (or ANSI 3903)
English Composition & Oral Communication	9	ENGL 1113 or 1313; & 1213 or 1413 or 3323. (See Academic Regulation 3.5 in Catalog) SPCH 2713*	BOT 3463  3 hours Genetics (PLNT 3554 recommended)
American History & Government	6	HIST 1103; POLS 1113	HORT 3084, 3113   PLNT 3113
Analytical & Quantitative Thought (A)	6	MATH 1483* or 1493* or MATH 1513* or higher MATH, & 3 hours STAT designated (A)	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
Humanities (H)	6	Any courses designated (H); must include one lower-division course	
Natural Sciences (N)	17	BIOL 1114*; BOT 1404*; CHEM 1215* (or 1314*); 1225* (or 1515*)	**AGEC 1114 is a General Education Requirement in addition to the Major Requirements.
Social & Behavioral Sciences (S)	7	**AGEC 1114*; PSYC 1113*	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
Diversity (D)		Any course designated (D)	Requirements.
International Dimension (I)		Any course designated (I)	
Scientific Investigation (L)		Any course designated (L)	
*College & Departmental requiremen	ts that may	be used to meet GE requirements.	
College/Depart	MENTAL F	REQUIREMENTS: 34 HOURS	PROFESSIONAL CORE: 27 HOURS
Agricultural Sciences and Natural Resources	34	AG 1011; AGCM 3103; AGLE 2303 or 3303; ANSI 1124; BIOC 2344; ENTO 2003, 3421; FDSC 1133 or 2253; HORT 1013; MCAG 3011, 3211, 3222, 4101; SOIL 2124	AGED 3101, 3103, 3203, 4103, 4113, 4200 (9 hours), EPSY 3213, SPED 320

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.

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# OKLAHOMA STATE UNIVERSITY

General Requirements for Students Matriculating in Academic Year 2011-2012

**BACHELOR of SCIENCE in AGRICULTURAL SCIENCES and NATURAL RESOURCES** 

MAJOR: Agricultural Education OPTION: Teaching

Minimum Overall Grade Point Average: 2.00 Total Hours: 124

(cumulative graduation/retention GPA)

Other GPA requirements, see below.

TION REQ	QUIREMENTS: 43 HOURS	Major Requirements: 23 Hours**
Hours	To be selected from:	Enrichment <u>14 Hours</u>
9	ENGL 1113 or 1313; & 1213 or 1413 or 3323. (See Academic Regulation 3.5 in Catalog) SPCH 2713*	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
6	HIST 1103; POLS 1113	Science, Soil Science, Rangeland Ecology Management
		Related Courses 9 Hours
6	Select from: MATH 1483* or 1493* or 1513*	AGCM 3103 (or ENGL 3323)
	(A)	AGLE 2303 (or 3303)
		AGED 4713 <sup>1</sup> (or ANSI 3903 <sup>1</sup> )
6	Any courses designated (H); must include one lower-division course	**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
9	BIOL 1114*; CHEM 1215*	Requirements.
7	**AGEC 1114*; PSYC 1113	
	Any course designated (D)	
	Any course designated (I)	PROFESSIONAL CORE: 27 HOURS
-	Any course designated (L)	AGED 3101, 3103, 3203, 4103, 4113, 4200 (9 hours), EPSY 3213, SPED 3202
ts that may	be used to meet GE requirements.	
MENTAL R	REQUIREMENTS: 26 HOURS	
26	AG 1011; ANSI 1124; FDSC 1133 or 2253; HORT 1013; PLNT 1213; SOIL 2124 NREM 2013 or 3343; MCAG 3011, 3211, 3222, 4101	ELECTIVES: 5 HOURS
	Hours   9   6   6   6   9   7       ts that may	9 ENGL 1113 or 1313; & 1213 or 1413 or 3323. (See Academic Regulation 3.5 in Catalog) SPCH 2713*  6 HIST 1103; POLS 1113  6 Select from: MATH 1483* or 1493* or 1513* or higher MATH or any course designated (A)  6 Any courses designated (H); must include one lower-division course  9 BIOL 1114*; CHEM 1215*  7 **AGEC 1114*; PSYC 1113  Any course designated (D)  Any course designated (L)  ts that may be used to meet GE requirements.  MENTAL REQUIREMENTS: 26 HOURS  26 AG 1011; ANSI 1124; FDSC 1133 or 2253; HORT 1013; PLNT 1213; SOIL 2124 NREM 2013 or 3343;

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.

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### OKLAHOMA STATE UNIVERSITY

**General Requirements for Students Matriculating in Academic Year 2011-2012** 

**BACHELOR of SCIENCE in AGRICULTURAL SCIENCES and NATURAL RESOURCES** 

MAJOR: Agricultural Leadership

Minimum Overall Grade Point Average: 2.00 Total Hours: 120

(cumulative graduation/retention GPA)

Other GPA requirements, see below.

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 requirement	s that may l	be used to meet GE requirements.
College/Departm	MENTAL R	PEQUIREMENTS: 16 HOURS
Agricultural Sciences and Natural Resources	16	AG 1011; ANSI 1124; ENTO 3501; FDSC 1133 (or 2253);
		PLNT 1213 (or HORT 1013); SOIL 2124

MAIOD	REQUIREMENTS:	61	HOUDS
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### 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<sup>1</sup> (or ANSI 3903<sup>1</sup>)

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.

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# OKLAHOMA STATE UNIVERSITY

**General Requirements for Students Matriculating in Academic Year 2011-2012** 

### **BACHELOR of SCIENCE in AGRICULTURAL SCIENCES and NATURAL RESOURCES**

**Total Hours: 120** 

**OPTION: Extension Education** MAJOR: Agricultural Leadership

Minimum Overall Grade Point Average: 2.00

(cumulative graduation/retention GPA)

Other GPA requirements, see below.

GENERAL EDUCATION REQUIREMENTS: 43 HOURS		QUIREMENTS: 43 HOURS	MAJOR REQUIREMENTS: 61 HOURS	
Area	Hours	To be selected from:	Core Courses 33 Hours	
English Composition & Oral Communication	9	ENGL 1113 or 1313; & 1213 or 1413 or 3323. (See Academic Regulation 3.5 in Catalog)	AGCM 3103 (or ENGL 3323)	
		SPCH 2713*	AGEC 4723	
American History & Government	6	HIST 1103; POLS 1113	AGLE 1511, 2303, 2403, 3101, 3303, 3403, 4101, 4203, 4300 (6 hours)	
			NREM 2013 or 3343	
Analytical & Quantitative Thought (A)	6	Select from: MATH 1483* or 1493* or 1513* or higher MATH or any course designated (A)	Additional Requirements 18 Hours	
			AGLE 3333, 3503, 4303	
Humanities (H)	6	Any courses designated (H); must include one lower-division course	EPSY 3213 (or 3413)	
			NSCI 2114	
Natural Sciences (N)	9	BIOL 1114*; CHEM 1215*	SPED 3202	
Social & Behavioral Sciences (S)	7	AGEC 1114*; PSYC 1113*	Related Courses <u>10 Hours</u>	
Diversity (D)	-	Any course designated (D) <sup>D</sup>	To be selected from areas related to youth development, extension education, agriculture and/or agricultural leadership.	
International Dimension (I)		Any course designated (I)		
Scientific Investigation (L)	-	Any course designated (L)		
*College & Departmental requiremen	ts that may	be used to meet GE requirements.		
COLLEGE/DEPART	MENTAL R	REQUIREMENTS: 16 HOURS		
Agricultural Sciences and Natural Resources	16	AG 1011; ANSI 1124; ENTO 3501; FDSC 1133 (or 2253); PLNT 1213 (or HORT 1013); SOIL 2124		

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.

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OKLAHOMA STATE UNIVERSITY

**General Requirements for Students Matriculating in Academic Year 2011-2012** 

**BACHELOR of SCIENCE in AGRICULTURAL SCIENCES and NATURAL RESOURCES** 

**Total Hours: 120** 

MAJOR: Agricultural Leadership OPTION: International Studies

Minimum Overall Grade Point Average: 2.00

(cumulative graduation/retention GPA)

Other GPA requirements, see below.

GENERAL EDUCATION REQUIREMENTS: 43 HOURS		Major Requirements: 61 Hours	
Hours	To be selected from:	Core Courses 33 Hours	
9	ENGL 1113 or 1313; & 1213 or 1413 or 3323. (See Academic Regulation 3.5 in Catalog) SPCH 2713*	AGCM 3103 (or ENGL 3323)  AGLE 1511, 2303, 2403, 3101, 3303, 3403, 4101, 4203, 4300 (6 hours)	
6	HIST 1103; POLS 1113	AGLE 3333 or 4303	
6	Select from: MATH 1483* or 1493* or 1513* or higher MATH or any course designated (A)	NREM 3343 (or 4393 <sup>1</sup> )  Additional Requirements 19 Hours  AGLE 4803	
6	Any courses designated (H); must include one lower-division course	6 hours from: AGEC 4343, AGED 4713, ANSI 3903, NCSI 3543	
9	BIOL 1114*; CHEM 1215*	10 hours from: courses in same foreign language	
7	AGEC 1114*; PSYC 1113*	Related Courses 9 Hours	
	Any course designated (D)	To be selected from areas related to international studies, foreign language, agriculture and/or agricultural leadership. A minimum of 4 hours must be selected from upper-division coursework.	
	Any course designated (I)		
	Any course designated (L)		
s that may l	be used to meet GE requirements.		
IENTAL R	REQUIREMENTS: 16 HOURS		
16	AG 1011; ANSI 1124; ENTO 3501; FDSC 1133 (or 2253); PLNT 1213 (or HORT 1013); SOIL 2124		
	9 6 6 6 9 7	9 ENGL 1113 or 1313; & 1213 or 1413 or 3323. (See Academic Regulation 3.5 in Catalog) SPCH 2713*  6 HIST 1103; POLS 1113  6 Select from: MATH 1483* or 1493* or 1513* or higher MATH or any course designated (A)  6 Any courses designated (H); must include one lower-division course  9 BIOL 1114*; CHEM 1215*  7 AGEC 1114*; PSYC 1113*  Any course designated (D)  Any course designated (L)  s that may be used to meet GE requirements.  MENTAL REQUIREMENTS: 16 HOURS  16 AG 1011; ANSI 1124; ENTO 3501; FDSC 1133 (or 2253);	

#### \_\_\_\_

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.

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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



OKLAHOMA STATE UNIVERSITY

General Requirements for Students Matriculating in Academic Year 2011-2012

**BACHELOR of SCIENCE in AGRICULTURAL SCIENCES and NATURAL RESOURCES** 

MAJOR: Animal Science OPTION: Agricultural Communications Double Major

Minimum Overall Grade Point Average: 2.00 Total Hours: 130

(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* (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 b	pe used to meet GE requirements.		
COLLEGE/DEPARTM	ENTAL R	EQUIREMENTS: 19 Hours		
Agricultural Sciences and Natural Resources	19	AG 1011; AGCM 2113, ANSI 1124; 5 hours from ANSI 2112, 2253, FDSC 1133 PLNT 1213, ENVR 1113 or NREM 1113 or 3343 or ENTO 3003		

### MAJOR REQUIREMENTS: 68 HOURS

ACCT 2103 OR FIN 2123 OR AGEC 3183

### Animal Science Core Courses 26 Hours

ANSI 3423, 3433, 3443, 3543, 3653, 4712, 4863

### 6 hours (at least 2 species) from:

ANSI 4023, 4423, 4543, 4553, 4613 4633, 4643

### Ag Communication Core Courses 39 Hours

AGCM 3101, 3113, 3213, 3223, 3233, 4113, 4203, 4300 (2 hours), 4403, 4413

AGEC 3703, 3323 (or MKTG 3213, 3713 (or LSB 3213)

AGLE 3303 or AGEC 3403 or AGCM 3123

### Other Requirements:

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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.

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OKLAHOMA STATE UNIVERSITY

General Requirements for Students Matriculating in Academic Year 2011-2012

**BACHELOR of SCIENCE in AGRICULTURAL SCIENCES and NATURAL RESOURCES** 

MAJOR: Animal Science OPTION: Agricultural Education Double Major Minimum Overall Grade Point Average: 2.00 Total Hours: 133

(cumulative graduation/retention GPA)

Other GPA requirements, see below.

GENERAL EDUCATION REQUIREMENTS: 46 HOURS		QUIREMENTS: 46 HOURS	Major Requirements: 36 Hours
Area	Hours	To be selected from:	Core Courses <u>36 Hours</u>
English Composition & Oral Communication	12	ENGL 1113 or 1313; 1213 or 1413; ENGL 3323* or AGCM 3103 or BCOM 3113. (See Academic Regulation 3.5 in Catalog)	AGED 4713 <sup>1</sup> or ANSI <sup>1</sup> 3903 or any course designated (I)  ANSI 3242 [or 3310 (2 hours)], 3423, 3433, 3443, 3543, 3653, 4863
		SPCH 2713* (When ENGL 3323 is substituted for ENGL 1213, the hours in this block are 9.)	NREM 2013 or 3343
		and notice in this block are c.,	SOIL 2124
American History & Government	6	HIST 1103; POLS 1113	6 hours (at least 2 species) from: ANSI 4023, 4423, 4543, 4553, 4613, 4633, 4643
Analytical & Quantitative Thought (A)	6	MATH 1513* (or 1483*), 1613* (or 2103* or STAT 2013*)	
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)		AGED 4713¹ or ANSI 3903¹ or any course designated (I)	
Scientific Investigation (L)		Any course designated (L)	PROFESSIONAL CORE: 27 HOURS
*College & Departmental requirements that may be used to meet GE requirements.		be used to meet GE requirements.	AGED 3101, 3103, 3203, 4103, 4113, 4200 (9 hours) EPSY 3213
College/Depart	MENTAL R	REQUIREMENTS: 24 HOURS	SPED 3202
Agricultural Sciences and Natural Resources	24	AG 1011; AGLE 2303 (or 3303); ANSI 1124, 2112, 2253; HORT 1013; MCAG 3222, 3011, 3211, 4101; PLNT 1213	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 "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.

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# OKLAHOMA STATE UNIVERSITY

General Requirements for Students Matriculating in Academic Year 2011-2012

**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 EDUCA	TION REQ	QUIREMENTS: 47 HOURS
Area	Hours	To be selected from:
English Composition & Oral Communication	9	ENGL 1113 or 1313; 1213 or 1413; & 3323* (See Academic Regulation 3.5 in Catalog) (When ENGL 3323 is substituted for ENGL 1213, the hours in this block are 9.)
American History & Government	6	HIST 1103; POLS 1113
Analytical & Quantitative Thought (A)	6	MATH 1513*, 1613* (or 2103* or STAT 2013*)
Humanities (H)	6	PHIL 3833, 4713, 4733 or any course designated (H); must include one lower-division course.
Natural Sciences (N)	13	BIOL 1114*; 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)		ANSI 3903 (See "Controlled Electives") or any course designated (I)
Scientific Investigation (L)		Any course designated (L)
*College & Departmental requirement	s that may	be used to meet GE requirements.
COLLEGE/DEPARTM	IENTAL R	REQUIREMENTS: 32 HOURS
Agricultural Sciences and Natural Resources	4	AG 1011; PLNT 1213
Basic Animal Science Courses	7	ANSI 1124, 2253
Additional Requirements	21	BIOC 3653; MICR 2123 and 2132; PHYS 1014 or 1114; ZOOL 1604 or 3204; 5 hours organic chemistry

Major Requirements: 41 l	Hours
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### Core Courses 27 Hours

**ANSI** 3423, 3443, 3543, 4843, 4863

ZOOL 4215 or MICR 3033

9 hours from: ANSI 3433, 3653 and

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

9 hours from: ANSI 4803; MICR 3253, 4233; ZOOL 4134, 4283

### Related Courses 14 Hours

#### 13 hours from:

ANSI 3903<sup>1</sup> or any course designated (I) ANSI 3333, 4803, 4910 (1-12 hours)

MATH 2144, 2153, 2163

PHYS 1214

### Upper-division

ANSI

**BIOC** 

**BIOL** 

**ENTO FDSC** 

MICR

STAT

ZOOL

No more than 3 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.

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### OKLAHOMA STATE UNIVERSITY

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. (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 requirement	s that may	be used to meet GE requirements.		
COLLEGE/DEPARTM	MENTAL R	REQUIREMENTS: 20 HOURS		
Agricultural Sciences and Natural Resources	4	AG 1011; PLNT 1213		
Basic Animal Science Courses	7	ANSI 1124; 3 hours from: ANSI 2112, 2253, FDSC 1133		
Additional Requirements	9	ACCT 2103, 2203 or 3183; ECON 2203		

MAIOR	REQUIREMENTS:	57 Hours

### Core Courses 24 Hours

ANSI 3423, 3433, 3443, 3543, 3653, 4863

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

#### Additional Core Courses 18 Hours

AGEC 3423

LSB 3213 (or AGEC 3713)

Upper-Division

EEE

ACCT

12 upper-division hours from: AGEC, ECON, FIN, MKTG, MGMT

Students pursuing a minor should consult their minor adviser when choosing classes in this section.

#### Related Courses 15 Hours

MKTG

**FDSC** 

AGCM	ECON	MMJ	NREI	M
AGEC	ENTO	LSB	PLN1	Ī
ANSI	FIN	MGMT	SC	
SOIL	SPM			
ANSI	39031 or any course designated (I)			
ANSI	3333, 4203, 4712, 4803, 4910 (1-12 hours)			
ECON	2103			
FIN	3113	N	ИKTG	3213
LSB	3323	N	NREM	2013, 3613
MICR	3253	F	PLNT	4613
MGMT	3013	5	SOIL	2124

No more than 3 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.

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OKLAHOMA STATE UNIVERSITY

General Requirements for Students Matriculating in Academic Year 2011-2012

**BACHELOR of SCIENCE in AGRICULTURAL SCIENCES and NATURAL RESOURCES** 

MAJOR: Animal Science OPTION: International

Minimum Overall Grade Point Average: 2.00

(cumulative graduation/retention GPA)

Other GPA requirements, see below.

GENERAL EDUCA	TION REC	QUIREMENTS: 43 HOURS			
Area Hours To be selected from:					
English Composition & Oral Communication	9	ENGL 1113 or 1313; 1213 or 1413; & 3 or AGCM 3103 or BCOM 3113. (See Academic Regulation 3.5 in Catalog) (When ENGL 3323 is substituted for ENGL 13 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 requiremen	ts that may	be used to meet GE requirements.			
College/Depart	MENTAL Ì	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			

### **MAJOR REQUIREMENT: 63 HOURS**

**Total Hours: 120** 

#### Core Courses 21 Hours

#### Choose Alternative 1 or 2:

Alternative 1

ANSI 3423, 3433, 3443, 3543, 3653, 4863

One of the following: ANSI 4023, 4423, 4543, 4553, 4613, 4633, 4643

Alternative 2

ANSI 4863; FDSC 2253, 3113, 3154, 3373; MICR 2123, 2132

#### Additional Core Courses 15 Hours

AGEC 3323, 3333, 4343

ECON 2203

LSB 3213 (or AGEC 3713)

#### Language Requirements 5 Hours

FREN 2112, 2113, 2232, 2233 GRMN 2112, 2113, 2222, 2223

JAPN 2113, 2223 SPAN 2115, 2233, 2232

RUSS 2115, 2225

### Related Courses 22 Hours

ACCT 2203, 3203 JAPN 1115 CHEM 1225 SC 2013, 4013 RUSS 1115, 1225 SPAN 1115, 1225 FREN 1115, 1225 GRMN 1115, 1225

Any upper-division AGCM, AGEC, ANSI, EEE, FDSC, FIN, LSB, MCAG,

MGMT, MKTG, MMJ, SC, or SPM No more than 3 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.

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# OKLAHOMA STATE UNIVERSITY

General Requirements for Students Matriculating in Academic Year 2011-2012

**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.

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. (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 requiremen	ts that may	be used to meet GE requirements.	
College/Depart	MENTAL R	EQUIREMENTS: 16 HOURS	
Agricultural Sciences and Natural Resources	13	AG 1011; ANSI 1124, 2112, 2253; PLNT 1213	
Additional Requirements	3	ACCT 2103	

MAIOD	REQUIREMENTS:	61	HOUDS

#### Core Courses 28 Hours

ANSI 3242 (or 3310 [2 hours]), 3423, 3433, 3443, 3543, 3653, 4712, 4863

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

#### Additional Core Courses 21 Hours

SC 2013, 2183

LSB 3213 (or AGEC 3713)

#### 12 hours from:

AGCM 2113, 3113, 3213, 3223, 3233, 4113, 4203

MC 2003 MKTG 3213

MMJ 3263, 3293, 3313, 3553, 3823

SC 3383, 3603, 4013

#### Related Courses 12 Hours

Up to 6 hours of upper-division ANSI courses

ACCT 2203, 3203

ANSI 39031 or any course designated (I)

ZOOL 3204

#### Upper-Division

ANSI FIN SC AGEC MGMT SPM

EEE MKTG FDSC MMJ

#### 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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OKLAHOMA STATE UNIVERSITY

General Requirements for Students Matriculating in Academic Year 2011-2012

**BACHELOR of SCIENCE in AGRICULTURAL SCIENCES and NATURAL RESOURCES** 

MAJOR: Animal Science OPTION: Pre-Veterinary Animal Science

Minimum Overall Grade Point Average: 2.00 Total Hours: 120

(cumulative graduation/retention GPA)

Other GPA requirements, see below.

GENERAL EDUCA	TION REQ	QUIREMENTS: 47 HOURS
Area	Hours	To be selected from:
English Composition & Oral Communication	9	ENGL 1113 or 1313; 1213 or 1413; & 3323 (See Academic Regulation 3.5 in Catalog)
American History & Government	6	HIST 1103; POLS 1113
Analytical & Quantitative Thought (A)	6	MATH 1513*, 1613* (or 2103* or STAT 2013*)
Humanities (H)	6	Any course designated (H); must include one lower-division course.
Natural Sciences (N)	13	BIOL 1114*; CHEM 1314*, 1515*
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 requirement	s that may	be used to meet GE requirements.
College/Departm	MENTAL R	REQUIREMENTS: 28 HOURS
Agricultural Sciences and Natural Resources	4	AG 1011; PLNT 1213
Basic Animal Science Courses	7	ANSI 1124 and 2253
Additional Requirements	17	MICR 2123 and 2132; PHYS 1114, 1214; ZOOL 1604 (or 3204)
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#### Core Courses 18 Hours

ANSI 3423, 3543

ANSI 39031 or any course designated (I)

9 hours from: ANSI 3433, 3443, 3653

OR

9 hours from: 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

FIN 2123

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:

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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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# OKLAHOMA STATE UNIVERSITY

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:		
English Composition & Oral Communication	9	ENGL 1113 or 1313; 1213 or 1413; & 3323 or AGCM 3103 or BCOM 3113. (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*, 1613 (or 2103* or 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 requiremen	ts that may	be used to meet GE requirements.		
COLLEGE/DEPART	MENTAL R	REQUIREMENTS: 20 HOURS		
Agricultural Sciences and Natural Resources	13	AG 1011; ANSI 1124, 2112, 2253; PLNT 1213		
Additional Requirements	7	ACCT 2103; CHEM 1225 (or BIOC 2344)		

MAIOD	REQUIREMENTS:	57	HOUDS
WIAIUK	Kruuikrwrnis.	.7	HUHKS

#### 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 39031 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.

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OKLAHOMA STATE UNIVERSITY

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: 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. (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*, 1613* (or 2103* or STAT 2013* or 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 requiremen	ts that may	be used to meet GE requirements.		
College/Departi	MENTAL R	REQUIREMENTS: 24 HOURS		
Agricultural Sciences and Natural Resources	17	AG 1011; ANSI 1124, 2112, 2253; PLNT 1213; SOIL 2124		
Additional Requirements	7	ACCT 2103; CHEM 1225 (or BIOC 2344)		

MAIOD	REQUIREMENTS:	53	HOUDS

#### Core Courses 45 Hours

AGEC 3423

ANSI 3333, 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 39031 or any course designated (I)

ANSI 4910 (1-12 hours)

ENTO 3003 FIN 3113

LSB 3213

MGMT 3013 MKTG 3213

MICR 3253

ZOOL 3204

200L 3204

Any upper-division AGEC, ANSI, ENTO, EEE, FDSC, FIN,

MGMT, MKTG, NREM, PLNT, SOIL

### 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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# OKLAHOMA STATE UNIVERSITY

**General Requirements for Students Matriculating in Academic Year 2011-2012** 

### **BACHELOR of SCIENCE in AGRICULTURAL SCIENCES and NATURAL RESOURCES**

**Total Hours: 120** 

**MAJOR: Biochemistry and Molecular Biology** 

Minimum Overall Grade Point Average: 2.00

(cumulative graduation/retention GPA)

Other GPA requirements see below.

GENERAL EDUCA	ATION REC	QUIREMENTS: 39 Hours	MAJOR REQUIREMENTS: 40 HOURS
Area English Composition & Oral Communication	Hours 6	To be selected from:  ENGL 1113 or 1313; 1213 or 1413 (See Academic Regulation 3.5 in Catalog)	BIOC 3713, 3723, 3813, 4224 (or CHEM 3433), 4883  BIOC 4990 (2 hours)  BIOL 3023 (or ANSI 3423 or PLNT 3554)
American History & Government	6	HIST 1103; POLS 1113	CHEM 2113, 3053, 3112, 3153  At least one course from: BOT 3463, ENTO 3044, ZOOL 3204, 4215
Analytical & Quantitative Thought (A)	7	MATH 2144* and 2153*	Hours from the following (or related courses with adviser approval)  To total 40 hours:
Humanities (H)	6	Any course designated (H); must include one lower-division course.	ANSI 3543 (required for pre-vet students) BIOC 1990*(up to 2hrs), 2101, 2200 (1-6 hrs), 4113, 4990*, 5753, 5853 BIOL 3034
Natural Sciences (N)	8	CHEM 1314*; PHYS 1114* (or 2014*)	BOT 3462, 3463 CHEM 2122, 3353, 3532, 3553, 4020 (1-5 hours), 4320 (1-3 hours) ENTO 4854
Social & Behavioral Sciences (S)	6	AGEC 1114* & any course designated (S)	MATH 2163, 2233, 3013, 3263 MICR 3143, 3154, 3223, 3253, 4012, 4112, 4123, 4133, 4134, 4203,
Diversity (D)		Any course designated (D)	4214, 4233, 4253, 4263, 4323, 4353, 4423 NSCI 4323 PHYS 4313
International Dimension (I)		Any course designated (I)	STAT 4013 ZOOL 2104, 3114, 4103, 4133, 4134, 4223, 4231, 4273, 4283, 4293, 4303, 4503
Scientific Investigation (L)		Any course designated (L)	*Note: Total from BIOC 1990 and 4990 may not exceed 10 hours.
*College & Departmental requirement	nts that may	be used to meet GE requirements.	
College/Depart	MENTAL R	REQUIREMENTS: 33 HOURS	ELECTIVES: 8 HOURS
Agricultural Sciences and Natural Resources	5	AG 1011 and two courses from the following: Animal Science, Plant Science, and Soil Science (If courses used under major requirement, hours in this area are 1)	Hours to complete required total.
Additional Requirements	28	BIOL 1114; CHEM 1515; ENGL 3323; MICR 2123 & 2132; PHYS 1214 (or 2114); SPCH 2713; ZOOL 1604 (or BOT 1404)	

hours being added or do not delay graduation.

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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



# OKLAHOMA STATE UNIVERSITY

**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

**Total Hours: 120** 

Minimum Overall Grade Point Average: 2.00

(cumulative graduation/retention GPA)

Other GPA requirements see below.

Hours	To be selected from:	4	
	To be selected from.	Core Courses 17 Hours	
6	ENGL 1113 or 1313; 1213 or 1413 (See Academic Regulation 3.5 in Catalog)	Required for Options 1 & 2  BIOC 3713, 3723, 3813 CHEM 3053, 3112, 3153	
6	HIST 1103; POLS 1113	Choose Option 1 or Option 2  Option 1:  With the approval of the adviser, department head, and dean, hours of basic sciences	
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:	
6	Any course designated (H); must include one lower-division course.	BIOC 4883 BIOL 3023 (or ANSI 3423 or PLNT 3554)	
8	CHEM 1314*; PHYS 1114* (or 2014*)	At least one course chosen from: BOT 3463, ENTO 3044, ZOOL 3204, 4215  Hours from the following to total 40 hours: (or related courses with adviser's approval)  ANSI 3543 (Required for Pre-vet Students)	
6	AGEC 1114* & any course designated (S)	BIOC 1990*(up to 2 hrs), 2101, 2200 (1-6 hrs), 4113, 4224 (or CHEM 3433), 4990*, 5753, 5853 BIOL 3034	
-	Any course designated (D)	BOT 3462 CHEM 2113, 2122, 3353, 3532, 3553, 4020 (1-5 hrs), 4320 (1-3 hrs)	
	Any course designated (I)	ENTO 4854  MATH 2163, 2233, 3013, 3263  MICR 3143, 3154, 3223, 3253, 4012, 4112, 4123, 4133, 4134,	
	Any course designated (L)	MICR 3143, 3154, 3223, 3253, 4012, 4112, 4123, 4133, 4134, 4203, 4214, 4233, 4253, 4263, 4323, 4353, 4423  NSCI 4323	
ts that may l	pe used to meet GE requirements.	PHYS 4313 STAT 4013	
MENTAL R	EQUIREMENTS: 33 HOURS	ZOOL 2104, 3114, 4104, 4133, 4134, 4223, 4231, 4273, 4283, 4293, 4303, 4503	
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.	
28	BIOL 1114; CHEM 1515; ENGL 3323; MICR 2123 & 2132; PHYS 1214 (or 2114); SPCH 2713; ZOOL 1604 (or BOT 1404)	ELECTIVES: 8 HOURS.	
	7 6 8 6 s that may l	7 MATH 2144* and 2153*  6 Any course designated (H); must include one lower-division course.  8 CHEM 1314*; PHYS 1114* (or 2014*)  6 AGEC 1114* & any course designated (S)  Any course designated (D)  Any course designated (L)  s that may be used to meet GE requirements.  MENTAL REQUIREMENTS: 33 HOURS  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)  28 BIOL 1114; CHEM 1515; ENGL 3323; MICR 2123 & 2132; PHYS 1214 (or 2114);	

#### 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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# OKLAHOMA STATE UNIVERSITY

**General Requirements for Students Matriculating in Academic Year 2011-2012** 

**BACHELOR of SCIENCE in AGRICULTURAL SCIENCES and NATURAL RESOURCES** 

**MAJOR: Entomology OPTION: Bioforensics, Pre-Veterinary & Pre-Medical Sciences** 

Minimum Overall Grade Point Average: 2.00 **Total Hours: 120** 

(cumulative graduation/retention GPA)

Other GPA requirements see below.

GENERAL EDUCATION REQUIREMENTS: 39 HOURS			MAJOR REQUIREMENTS: 71 HOURS		
Area	Hours	To be selected from:	Core Courses <u>8 Hours</u> : ENTO 3044, 4464 or 4854		
English Composition & Oral Communication	6	ENGL 1113 or 1313; & 1213 or 1413 (See Academic Regulation 3.5 in Catalog)	Additional Entomology 9 hours	entomology or plant pathology course not taken as a	
American History & Government	6	HIST 1103 or 1483 or 1493; POLS 1113		core course	
Analytical & Quantitative Thought (A)	6	MATH 1613* or higher; STAT 2013*	Biology 4 hours from:	Related Courses <u>54 Hours</u> BOT 1404 or <b>ZOOL 1604</b>	
Humanities (H)	6	Any course designated (H); must include one lower-division course.	Genetics 3 hours from:	BIOL 3023; PLNT 3554; ANSI 3423	
Natural Sciences (N)	8	BIOL 1114*; CHEM 1314* (or 1215*)	Chemistry 8 hours from:	CHEM 1225* (or <b>1515</b> *); BIOC 2344 or CHEM 3015 or <b>CHEM 3053</b>	
Social & Behavioral Sciences (S)	7	AGEC 1114*; SPCH 2713*	Additional Natural Resources or	ANSI 3523, <b>3543</b> (vet); BIOC 2344, 3653, 4224; BIOL 3034; ENVR 4573; NREM 2013, 3063, 3112, 3213, 3343, 3513, 3613, 4213; PLNT 2013, 3111, 3112, 4113, 4123, 4353; <b>MICR 2123 &amp; 2132, 3033</b> , 4123, 4133, 4134, 4203, 4214,	
Diversity (D)		Any course designated (D)	Biological Sciences 23 hours from:		
nternational Dimension (I)		Any course designated (I)		4233, 4253, 4263, 4323; <b>ZOOL 1604,3204</b> , <b>3114</b> , 4103, 41 <sup>4</sup> 4134, 4174, 4213, 4215, 4273, 4293, 4303; OR other	
Scientific Investigation (L)		Any course designated (L)		upper- level natural science courses not taken for credit in other categories.	
*College & Departmental requiremen	ts that may	be used to meet GE requirements.	Additional  Math & Science	MATH 2103, 2144, 2153; CHEM 3153 & 3112;	
College/Departm	MENTAL R	REQUIREMENTS: 10 HOURS	<b>┦</b> ┃	PHYS 1014, <b>1114</b> , <b>1214</b> ; STAT 4013, 4023; ZOOL 4133	
Agricultural Sciences and Natural Resources	4	AG 1011; <u>One course from:</u> ANSI 1124; BIOC 2344; ENVR 1113; FDSC 1133; HORT 1013; LA 1013; NREM 1014, 1114, 2013, 3343; PLNT 1213, SOIL 2124	BOLD courses are reco	mmended for Pre-Health majors.	
Entomology Courses	3	ENTO 2993		ELECTIVES: 0 HOURS	
Written Communication	3	ENGL 3323* (If ENGL 3323 is substituted for ENGL 1213 above then hours in this block are free electives)	_		

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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### OKLAHOMA STATE UNIVERSITY

**General Requirements for Students Matriculating in Academic Year 2011-2012** 

**BACHELOR of SCIENCE in AGRICULTURAL SCIENCES and NATURAL RESOURCES** 

MAJOR: Entomology OPTION: Insect Biology and Ecology

Minimum Overall Grade Point Average: 2.00 Total Hours: 120

(cumulative graduation/retention GPA)

Other GPA requirements see below.

GENERAL EDUCATION REQUIREMENTS: 39 HOURS			MAJOR REQUIREMENTS: 71 HOURS  Core Courses 8 Hours: ENTO 3044, 4464 or 4854		
Area Hours To be selected from:					
English Composition & Oral Communication	6	ENGL 1113 or 1313; & 1213 or 1413; & 3323* (See Academic Regulation 3.5 in Catalog) SPCH 2713	Additional Entomology 15 hours	ENTO 4800 (3 hrs) and any Entomology Entomology or plant pathology course not taken as a core course.	
American History & Government	6	HIST 1103 or 1483 or 1493; POLS 1113		Related Courses 48 Hours	
Analytical & Quantitative Thought (A)	6	MATH 1613* or higher*; STAT 2013* or 4013*	Biology 4 hours from:  Genetics	BOT 1404 or ZOOL 1604	
Humanities (H)	6	Any course designated (H); must include one lower-division course.	3 hours from: Ecology 3 hours from:	BIOL 3023; PLNT 3554; ANSI 3423 BIOL 3034; NREM 3213; MICR 4214	
Natural Sciences (N)	8	BIOL 1114*; CHEM 1314* (or 1215*)	Chemistry 8 hours from:	CHEM 1225* (or 1515*); BIOC 2344 or CHEM 3015 or CHEM 3053	
Social & Behavioral Sciences (S)	7	AGEC 1114*; SPCH 2713*	Additional Natural Resources or	BIOC 2344, 3653; BOT 1414, 3463; ENVR 4573;	
Diversity (D)		Any course designated (D)	Biological Sciences 14 hours from:	HORT 3153, 3084; NREM 2013, 3063, 3101, 3213, 3343, 3513, 3613, 4213; PLNT 2013, 3111, 3112, 4113	
International Dimension (I)		Any course designated (I)		4123, 4353; PLP 3343; MICR 2123 & 2132; SOIL 4213 4363, 4893; ZOOL 1604, 3104, 4133, 4303, 4215, 427 OR other upper level natural science courses not take	
Scientific Investigation (L)		Any course designated (L)	Additional	for credit in other categories.	
*College & Departmental requiremen	ts that may	be used to meet GE requirements.	Additional  Math and Science  16 hours from:	MATH 2103, 2144, 2153; CHEM 3153 & 3112; PHYS 1014, 1114, 1214; STAT 4023; ZOOL 4133	
COLLEGE/DEPART	MENTAL R	EQUIREMENTS: 10 HOURS			
Agricultural Sciences and Natural Resources	4	AG 1011; One course from: ANSI 1124; BIOC 2344; ENVR 1113; FDSC 1133; HORT 1013; LA 1013; NREM 1014, 1114, 2013, 3343; PLNT 1213; SOIL 2124			
Additional Requirements	3	ENTO 2993		ELECTIVES: 0 HOURS	
Written Communication	3	ENGL 3323* (If ENGL 3323 is substituted for ENGL 1213 above then hours in this block are free electives.)	Hours to complete required total. If ENGL 3323 is used to satisfy English 0 requirement - 3 credit hours		

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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hours being added or do not delay graduation.

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# **COLLEGE OF AGRICULTURAL SCIENCES & NATURAL RESOURCES**

OKLAHOMA STATE UNIVERSITY

**General Requirements for Students Matriculating in Academic Year 2011-2012** 

**BACHELOR of SCIENCE in AGRICULTURAL SCIENCES and NATURAL RESOURCES** 

MAJOR: Environmental Science OPTION: Environmental Policy

Minimum Overall Grade Point Average: 2.00 Total Hours: 128

(cumulative graduation/retention GPA)

Other GPA requirements see below.

GENERAL EDUCATION REQUIREMENTS: 42 HOURS			MAJOR REQUIREMENTS: 54 HOURS		
Area	Hours	To be selected from:		Core Cour	ses <u>25 Hours</u>
English Composition & Oral Communication	6	ENGL 1113 or 1313; & 1213 or 1413 or 3323* (See Academic Regulation 3.5 in Catalog)	BIOL	3503 3034	NREM 4413 GEOL 3503 POLS 4363 or 4593
American History & Government	6	HIST 1103; POLS 1113	ENVK	3113, 4112, 4811, 4813	FOLS 4505 01 4595
Analytical & Quantitative Thought (A)	9	MATH 1513, 1613, 2103 or 2133 or 2144		<b>Additional Core C</b> 4503 4343 or 4053	ourses <u>12 Hours</u>
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*.	1	4433 2013 or 2023 or 4013	
	-			Related Cours	ses <u>17 Hours</u>
Natural Sciences (N)	8	BIOL 1114*; CHEM 1314* or CHEM 1215*	Select from: ANTH	3353	
Social & Behavioral Sciences (S)	7	AGEC 1114*; SPCH 2713*	BOT CIVE	3253 4823	
Diversity (D)		Any course designated (D)	ECON ENGL ENTO	3903 2413 2223, 2993, 4223, 4484	
International Dimension (I)		Any course designated (I)	ENVR GEOG	4512 2253, 2343, 3023, 3153	
Scientific Investigation (L)		Any course designated (L)	GEOL HIST HORT	1014 3683, 3793, 4493 2123, 4933	
*College & Departmental requiremen	ts that may	be used to meet GE requirements.	NREM PHYS	2013, 3213, 3083, 3513, 1214 or 2114	3613, 4053*, 4343*
COLLEGE/DEPART	MENTAL R	REQUIREMENTS: 32 HOURS	POLS SOC	3493, 4363*, 4593* 1113	
Agricultural Sciences and Natural Resources	4	AG 1011; ENVR 1113	SOIL ZOOL	3433, 4213, 4234, 4363, 4303	4463, 4483, 4913
Additional Requirements	Direments  28  BOT 1404 or ZOOL 1604; CHEM 1515 or CHEM 1225; BIOC 2344 or CHEM 3015; ENGL 3323 (If substituted for ENGL 1213 above then hours in this block are 28); GEOL 1114; SOIL 2124; PHYS 1114 or 2014		Hours to complet If ENGL 3323 is u requirements - 3	used to satisfy English Com	: O Hours  position and Oral Communication

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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

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.



# OKLAHOMA STATE UNIVERSITY

General Requirements for Students Matriculating in Academic Year 2011-2012

**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			MAJOR REQUIREMENTS: 54 HOURS		
Area	ea Hours To be selected from:		Core Courses <u>25 Hours</u>		
English Composition & Oral Communication	6	ENGL 1113 or 1313; & 1213 or 1413 or 3323 (See Academic Regulation 3.5 in Catalog)	AGEC 3503 NREM 4413 BIOL 3034 GEOL 3503		
American History & Government	6	HIST 1103; POLS 1113	ENVR 3113, 4112, 4811, 4813 POLS 4363 or 4593		
			Additional Core Courses 12 Hours		
Analytical & Quantitative Thought (A)	9	MATH 1513, 1613, 2103 or 2133 or 2144	GEOL 4453 NREM 3213 (or 2013) or 3513 or 3613 SOIL 4683 or 4893		
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*.	STAT 2013 or 4013  Related Courses 17 Hours		
		3513 01 3603 01 3623 01 3633 01 3643 .	Select from:		
Natural Sciences (N)	8	BIOL 1114*; CHEM 1314* or CHEM 1215*	AGEC 4503 ANTH 3353		
Social & Behavioral Sciences (S)	7	AGEC 1114*; SPCH 2713*	BOT 3005, 3253, 4023 CIVE 4823 ECON 2103, 3903		
Diversity (D)		Any course designated (D)	ENGL 2413 ENTO 2223, 2993, 4223, 4484		
International Dimension (I)		Any course designated (I)	ENVR 4512 GEOG 2253, 2343, 3023, 3153 GEOL 1014, 3073, 4463		
Scientific Investigation (L)		Any course designated (L)	HIST 3683, 3793, 4493 HORT 2123, 4933		
*College & Departmental requiremen	ts that may	be used to meet GE requirements.	NREM 2013, 3083, 3213, 4053*, 4343* PHYS 1214 or 2114		
College/Depart	MENTAL R	REQUIREMENTS: 32 HOURS	POLS 4363*, 4593* SOC 1113, 4433		
Agricultural Sciences and Natural Resources	4	AG 1011; ENVR 1113	SOIL 3433, 4363, 4463, 4483, 4563, 4893, 4913 ZOOL 4303, 4434		
Additional Requirements	28	BOT 1404 or ZOOL 1604; CHEM 1515 or CHEM 1225; BIOC 2344 or CHEM 3015; ENGL 3323 (If substituted for ENGL 1213 above then hours in this block are 28); GEOL 1114; SOIL 2124; 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.

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OKLAHOMA STATE UNIVERSITY

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 Total Hours: 128

(cumulative graduation/retention GPA)

Other GPA requirements see below.

GENERAL EDUCATION REQUIREMENTS: 42 HOURS			MAJOR REQUIREMENTS: 54 HOURS		
Area	Hours	To be selected from:	Core Courses <u>25 Hours</u>		ses 25 Hours
English Composition &	6	ENGL 1113 or 1313; & 1213 or 1413 or	AGEC	3503	NREM 4413
Oral Communication		3323 (See Academic Regulation 3.5 in Catalog)	BIOL	3034	GEOL 3503
			ENVR	3113, 4112, 4811, 4813	POLS 4363 or 4593
American History & Government	6	HIST 1103; POLS 1113	LIVIX	3110, 4112, 4011, 4013	1 013 4303 01 4333
				Additional Core Cou	urses <u>13 Hours</u>
Analytical & Quantitative Thought	9	MATH 1513, 1613, 2103 or 2123 or 2144			
(A)			SOIL	4683, 4893	
			STAT	2013 or 4013	
Humanities (H)	6	Any lower-division course designated (H); and one of the following: PHIL 3413* or	ZOOL	4434	
		3513* or 3803* or 3823* or 3833* or 3843*.		Related Cours	ses <u>16 Hours</u>
Natural Octobras (AD)	1	DIOL 4444* OUEN 4044* OUEN 4045*	Select from	:	
Natural Sciences (N)	8	BIOL 1114*; CHEM 1314* or CHEM 1215*	AGEC	4503	
			ANTH	3353	
Social & Behavioral Sciences (S)	7	AGEC 1114*; SPCH 2713*	BOT	3253	
,		·	CHEM	2113, 2122	
D: '' (D)		1	CIVE	3183, 4823	
Diversity (D)		Any course designated (D)	ECON	2103, 3903	
			ENGL	2413	
International Dimension (I)		Any course designated (I)	ENTO	4223, 4484	
			ENVR	4512	
Scientific Investigation (L)		Any course designated (L)	GEOG	2253, 2343, 3023, 3153	
Scientific Investigation (L)	-	Any course designated (L)	GEOL	1014, 3053, 4463	
			HIST	3683, 3793, 4493	
*College & Departmental requirement	its that may	be used to meet GE requirements.	HORT	2123, 4933	
			MATH	2133 or 2153	
COLLEGE/DEPART	MENTAI I	REQUIREMENTS: 32 HOURS	MICR	2123, 2132	
COLLEGE/ DEI ART	IILIVIAL I	REQUIREMENTS: 32 1100RS	NREM	2013, 3083, 3213, 3513,	4053*, 4343*
Agricultural Sciences and	4	AG 1011; ENVR 1113	PHYS	1214 or 2114	
Natural Resources	7	AO 1011, ENVICTITS	POLS	4363*, 4593 (Note: May	be used if not utilized above)
			SOC	1113, 4433	,
Additional Requirements	28	BOT 1404 or ZOOL 1604;	SOIL	3433, 4363, 4463, 4563,	4913
		CHEM 1515 or CHEM 1225;	ZOOL	4303, 4434	
		BIOC 2344 or CHEM 3015; ENGL 3323 (If substituted for ENGL 1213 above	ELECTIVES: 0 HOURS		
		then hours in this block are 28);		EEE GIIVES	
		GEOL 1114;	Hours to comple	ete required total.	
		SOIL 2124;			position and Oral Communication
		PHYS 1114 or 2014	requirements - 3		r
			10quilonionio	ordan nouro.	

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.

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# OKLAHOMA STATE UNIVERSITY

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 Total Hours: 120

(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 (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*), 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 requirement	s that may	be used to meet GE requirements.				
COLLEGE/DEPARTM	IENTAL R	REQUIREMENTS: 24 HOURS				
Agricultural Sciences and Natural Resources	4	AG 1011; FDSC 1133				
Additional Requirements	20	ANSI 1124; FDSC 2253; BIOC 2344; MICR 2123 and 2132; PHYS 1014				

MAJOR REQUIREMENTS: 48 H	Hours
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Core Courses 42 Hours

ANSI 4023, 4863

CHEM 3015

FDSC 3113, 3154, 3373, 4763, 4910

NSCI 3223 STAT 4013

9 hours from: FDSC 3182, 3310, 3333, 3603, 4333, 4373

#### Related Courses 6 Hours

Choose 6 hours from the following areas:

ACCT, AGEC, ANSI, AGCM, CHEM, FDSC, HORT, PLNT, MICR, MGMT, MKTG, MATH, NSCI, STAT, Foreign Language

# 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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OKLAHOMA STATE UNIVERSITY

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 Total Hours: 120

(cumulative graduation/retention GPA)

Other GPA requirements see below.

GENERAL EDUCAT	ION REQ	QUIREMENTS: 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 (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)	Quantitative Thought 6 MATH 1513* (or 1483*) STAT 2013 or 2023)		
Humanities (H)		Any course designated (H); must include one lower-division course.	
Natural Sciences (N)		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 l	be used to meet GE requirements.	
College/Departm	ENTAL R	EQUIREMENTS: 20 Hours	
Agricultural Courses	4	AG 1011; FDSC 1133	
Additional Requirements	16	ANSI 1124; FDSC 2253; BIOC 2344 (or CHEM 1225); MICR 2123 and 2132	

#### **MAJOR REQUIREMENTS: 57 HOURS**

#### Core Courses 45 Hours

ANSI 3543, 4863

FDSC 3113, 3154, 3232, 3333, 3373, 4023, 4123, 4333, 4763,

4910 (3 hours)

9 hours from: FDSC 3310, 3603, 4373, 4763

#### Related Courses 12 Hours

Choose 12 hours from the following areas:

ACCT, AGEC, ANSI, AGCM, CHEM, FDSC, PLNT, MICR,

MGMT, NSCI, STAT, Foreign Language

#### 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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OKLAHOMA STATE UNIVERSITY

General Requirements for Students Matriculating in Academic Year 2011-2012

BACHELOR of SCIENCE in AGRICULTURAL SCIENCES and NATURAL RESOURCES

ANSI BIOC FDSC

MAJOR: Food Science OPTION: Science

Minimum Overall Grade Point Average: 2.00 Total Hours: 120

(cumulative graduation/retention GPA)

Other GPA requirements see below.

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 (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*; 2103*		
Humanities (H)		Any course designated (H); must include one lower-division course.		
Natural Sciences (N)	13	BIOL 1114*; CHEM 1314*, 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 requirement	s that may	be used to meet GE requirements.		
COLLEGE/DEPARTM	IENTAL R	REQUIREMENTS: 25 HOURS		
Agricultural Sciences and 4 AG 1011; FDSC 1133; Natural Resources		AG 1011; FDSC 1133;		
Additional Requirements	21	ANSI 1124; CHEM 2113, 2122; FDSC 2253; MICR 2123 and 2132; PHYS 1114;		

_	-		
	Core Courses	42 Hours	
4023, 4863			
3653			
3113, 3154,	3373, 4763, 4910		

MAJOR REQUIREMENTS: 48 HOURS

CHEM 3015 STAT 4013 NSCI 3223

6 hours from: ANSI 4843; CHEM 3433; FDSC 3232, 3333, 3603, 4333, 4373

#### Related Courses 6 Hours

Choose 6 hours from the following areas:

#### Management

ACCT 2103, AGEC 3403, 3423, MGMT 3013, 3123, 3313

#### **Quality Control**

CHEM 2113, 2122, MICR 4123, STAT 3013

#### Sales

AGEC 3323, 3333, MKTG 3213, 3323

#### **Raw Product Procurement**

ANSI 2112, 3903, HORT 3213, 3433, PLNT 2013, FDSC 3310

#### Communications

AGCM 2113, 3113, 3123, Foreign Language (3-6 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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### OKLAHOMA STATE UNIVERSITY

General Requirements for Students Matriculating in Academic Year 2011-2012

**BACHELOR of SCIENCE in AGRICULTURAL SCIENCES and NATURAL RESOURCES** 

MAJOR: Horticulture OPTION: Horticultural Business

Minimum Overall Grade Point Average: 2.00 Total Hours: 120

ACCT

SPAN

(cumulative graduation/retention GPA)

Other GPA requirements see below.

GENERAL EDUCATION REQUIREMENTS: 43 HOURS				
Area	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 requirement	s that may	pe used to meet GE requirements.		
College/Departm	IENTAL R	EQUIREMENTS: 11 Hours		
Agricultural Sciences and Natural Resources	8	AG 1011; HORT 1013; SOIL 2124		
Communications Courses	3	3 hours from: BCOM 3113, 3223		

#### **MAJOR REQUIREMENTS: 66 HOURS**

#### Core Courses 34 Hours

ENTO 2993 HORT 2010 (3 hrs), 3084, 3113, 3253 MGMT 3013 MSIS 2103 PLNT 3113 PLP 3343

(3 credits)

2103

### Related Courses 32 Hours

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) <u>15 hours from:</u> 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

### 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.

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# OKLAHOMA STATE UNIVERSITY

**General Requirements for Students Matriculating in Academic Year 2011-2012** 

**BACHELOR of SCIENCE in AGRICULTURAL SCIENCES and NATURAL RESOURCES** 

MAJOR: Horticulture OPTION: Horticultural Science

Minimum Overall Grade Point Average: 2.00 Total Hours: 120

(cumulative graduation/retention GPA)

Other GPA requirements see below.

GENERAL EDUCATION REQUIREMENTS: 48 HOURS			MAJOR REQUIREMENTS: 58 HOURS	
Area	Hours	To be selected from:	Core Courses 29 Hours	
English Composition & Oral Communication	6	ENGL 1113 or 1313; & 1213 or 1413 or 3323 (See Academic Regulation 3.5 in Catalog)	BIOC 2344 (or 4 hours organic chemistry) BOT 3463 (or HORT 4953) ENTO 2993	
American History & Government	6	HIST 1103; POLS 1113	HORT 2010 (3 hrs), 3084, 3113 PLNT 3113 PLP 3343	
Analytical & Quantitative Thought (A)	6	MATH 1483* (1493 not acceptable for this option) or MATH 1513*; & 1613* or 3 hours STAT* designated (A)	3 Hours Genetics (PLNT 3554 recommended)  Related Courses 29 Hours  12 hours from:	
Humanities (H)	6	Any course designated (H); must include one lower-division course.	3000- or 4000-level courses in Botany or the College of Agricultural Sciences and Natural Resources.  Recommended:  BOT 3005, 3024, 3114, 3233	
Natural Sciences (N)	17	BIOL 1114*; BOT 1404*; CHEM 1215* (or 1314*); 1225* (or 1515*)	ENTO 3663, 4223, 4923 HORT upper-division PLNT 4123, 4353 SOIL 3433, 3883, 4213, 4234, 4363, 4463, 4483, 4893	
Social & Behavioral Sciences (S)	7	AGEC 1114*; SPCH 2713*	17 hours from: (11 hours must be upper-division.)	
Diversity (D)		Any course designated (D)	HORT 2123, 2513, 2613, 3013, 3153, 3213, 3433, 3513, 3612, 4453, 4543, 4713, 4773, 4901, 4903, 4933, 4943, 4973	
International Dimension (I)		Any course designated (I)		
Scientific Investigation (L)		Any course designated (L)		
*College & Departmental requiremen	ts that may	be used to meet GE requirements.		
College/Depart	MENTAL R	REQUIREMENTS: 11 HOURS	ELECTIVES: 3 HOURS	
Agricultural Sciences and Natural Resources	8	AG 1011; HORT 1013; SOIL 2124		
Communications Courses	3	ENGL 3323 (If ENGL 3323 is substituted for ENGL 1213 above, then hours in this block are zero)		

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.

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OKLAHOMA STATE UNIVERSITY

General Requirements for Students Matriculating in Academic Year 2011-2012

**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		MAJOR REQUIREMENTS: 56 HOURS		
Area	Hours	To be selected from:		Core Courses 38 Hours
English Composition & Oral Communication	6	ENGL 1113 or 1313; & 1213 or 1413 or 3323 (See Academic Regulation 3.5 in Catalog)	вот	3005, 3114
			HORT	2010 (3 hrs), 2513, 2613, 3084, 3113, 3153, 4713
American History & Government	6	HIST 1103; POLS 1113	MGMT	3013 (or HORT 3253 or LEIS 4913)
			PLNT	3554
Analytical & Quantitative Thought (A)	6	MATH 1483* (1493 not acceptable for this option) or MATH 1513*; & 1613* or 3 hours STAT* designated (A)		Related Courses 18 Hours
Humanities (H)	6	Any course designated (H); must include	3 hours from /	Architecture/Art:
. ,		one lower-division course.	ARCH	
			ART	1603, 3603, 3623, 3633, 3653, 3663, 3683, 3693, 3723
Natural Sciences (N)	17	BIOL 1114*; BOT 1404*; CHEM 1215* (or		Education/Leadership:
		1314*); 1225* (or 1515*)	AGLE	
0 : 10 D 1 : 10 : (0)	10	A 0 5 0 4444 \$ 50\(0 4440 \) 0 0 0 4440 \	CIED	4560 (3 hrs)
Social & Behavioral Sciences (S)	10	AGEC 1114*; PSYC 1113* (or SOC 1113*); SPCH 2713*	LEIS SDEV	3463, 4513, 5403 3013
Diversity (D)		Any course designated (D)	3 nours from HORT	Horticulture Techniques: 3013, 3513, 4773, 4973
• • • •		, , ,		
Laterra Carral Discounting (I)		Associated (I)	6 hours from I	Pest Management: 0 2993
International Dimension (I)		Any course designated (I)	PLNT	
			PLP	3343
Scientific Investigation (L)		Any course designated (L)		
*College & Departmental requiremen	its that may	be used to meet GE requirements.		
College/Depart	MENTAL R	REQUIREMENTS: 11 HOURS		ELECTIVES: 2 HOURS
Agricultural Sciences and Natural Resources	8	AG 1011; HORT 1013; SOIL 2124		
Communications Courses	3	AGCM 3103 or ENGL 3323 (If ENGL 3323 is substituted for ENGL 1213 above, then hours in this block are zero)		

#### 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.

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### OKLAHOMA STATE UNIVERSITY

General Requirements for Students Matriculating in Academic Year 2011-2012

**BACHELOR of SCIENCE in AGRICULTURAL SCIENCES and NATURAL RESOURCES** 

MAJOR: Horticulture OPTION: Turf Management

Minimum Overall Grade Point Average: 2.00 Total Hours: 120

(cumulative graduation/retention GPA)

Other GPA requirements see below.

GENERAL EDUCATION REQUIREMENTS: 48 HOURS			MAJOR REQUIREMENTS: 57 HOURS	
Area	Hours	To be selected from:	Core Courses 45 Hours	
English Composition & Oral Communication	6	ENGL 1113 or 1313; & 1213 or 1413 or 3323 (See Academic Regulation 3.5 in Catalog)	BIOC 2344 (or 4 hours organic chemistry) ENTO 2993 HORT 4953 or SOIL 4893 or SOIL 4463 HORT 2010 (3 hours), 2613, 3153, 4453, 4773	
American History & Government	6	HIST 1103; POLS 1113	HORT 3513 (or MCAG 4203) MCAG 3211	
Analytical & Quantitative Thought (A)	6	MATH 1483* or 1513* (1493 not acceptable for this option); & 1613* or 3 hours STAT* designated (A)	PLNT 3113 PLP 3343, 3663 SOIL 4234 SPAN (3 credits)	
Humanities (H)	6	Any course designated (H); must include one lower-division course.	Related Courses 12 Hours  6 hours of which at least 3 hours must be upper-division from:  ACCT 2103 HORT 3253  AGEC upper-division LSB 3213 (or AGEC 3713)  CS (3 hours) or MSIS 2103 MGMT 3013  6 hours of which at least 3 hours must be upper-division from:  AGEC 3503 PLNT 3554, 4113, 4123  BOT 3233, 3463 POLS 4593  GEOG 2343, 3023, 3033, 4343 NREM 2013	
Natural Sciences (N)	17	BIOL 1114*; BOT 1404*; CHEM 1215* (or 1314*); 1225* (or 1515*)		
Social & Behavioral Sciences (S)	7	AGEC 1114*; SPCH 2713*		
Diversity (D)		Any course designated (D)	HORT 2513, 3013, 3113, 3612, 4973 SOIL 3433, 4213, 4363, 4463, 4893	
International Dimension (I)		Any course designated (I)		
Scientific Investigation (L)		Any course designated (L)		
*College & Departmental requiremen	ts that may	be used to meet GE requirements.		
College/Departmental Requirements: 11 Hours		EQUIREMENTS: 11 HOURS	ELECTIVES: 4 HOURS	
Agricultural Sciences and Natural Resources	8	AG 1011; HORT 1013; SOIL 2124		
Communications Courses	3	3 hours from: BCOM 3113, 3223 or ENGL 3323 (If ENGL 3323 is substituted for ENGL 1213 above, then hours in this block are zero)		

### 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.

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# OKLAHOMA STATE UNIVERSITY

**General Requirements for Students Matriculating in Academic Year 2011-2012** 

**BACHELOR of SCIENCE in AGRICULTURAL SCIENCES and NATURAL RESOURCES** 

**MAJOR: Landscape Contracting** 

Minimum Overall Grade Point Average: 2.00 Total Hours: 120

(cumulative graduation/retention GPA)

Other GPA requirements see below.

GENERAL EDUCATION REQUIREMENTS: 39 HOURS			MAJOR REQUIREMENTS: 67 HOURS	
Area	Hours	To be selected from:	Core Courses 64 Hours	
English Composition & Oral Communication	6	ENGL 1113 or 1313; & 1213 or 1413 or 3323 (See Academic Regulation 3.5 in Catalog)	ACCT 2103 HORT 1013, 2010 (or LA 3010) 3 hours, 2513, 2613, 3013, 3153, 3513, 3612	
American History & Government	6	HIST 1103; POLS 1113	LA 1013, 2323, 3314, 3324, 3884, 4034, 4894 LSB 3213	
Analytical & Quantitative Thought (A)	6	MATH 1513* and 1613*	MCAG 2313 MKTG 3213 or HORT 3253	
Humanities (H)	6	Any course designated (H); must include one lower-division course.	SPAN (3 credits)  Related Courses 3 Hours	
Natural Sciences (N)	8	BIOL 1114* (or BOT 1404*); CHEM 1215* (or 1314*)	Choose 3 hours from the following:  CMT 1214, 2263, 2343, 3273, 4263, 4283	
Social & Behavioral Sciences (S)	7	AGEC 1114*; SPCH 2713*	ENTO 2993 GEOG 3123	
Diversity (D)		Any course designated (D)	HORT 3084, 3113, 4453, 4543, 4973 LA 3112, 3673, 3894, 4433	
International Dimension (I)		Any course designated (I)	MCAG 3211 PLNT 3113	
Scientific Investigation (L)		Any course designated (L)	PLP 3343, 3663 SOIL 4234	
*College & Departmental requiremen	ts that may	be used to meet GE requirements.	Any OSU approved International Travel Course	
College/Departn	MENTAL R	EQUIREMENTS: 14 HOURS	Other Studies: Requires study plan approved by adviser, program director, and department head.	
Agricultural Sciences and Natural Resources	5	AG 1011; SOIL 2124		
Communications Courses	9	LA 2213, 2223; 3 hours from: BCOM 3113, 3223; or ENGL 3323 (If ENGL 3323 is substituted for ENGL 1213 above, then hours in this block are 6)		

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# OKLAHOMA STATE UNIVERSITY

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.

GENERAL EDUCAT	ION KE(	QUIREMENTS: 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 1613*; STAT 2013*	
Humanities (H)	6	Any course designated (H); must include one lower-division course.	
Natural Sciences (N)	12	BIOL 1114*; CHEM 1215* (or 1314); 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)	
*College & Departmental requirement	s that may	be used to meet GE requirements.	
COLLEGE/DEPARTM	IENTAL R	REQUIREMENTS: 26 HOURS	
Agricultural Sciences and Natural Resources	10	AG 1011; NREM 1012, 2013; SOIL 2124	
Natural Sciences	13	BOT 1404; CHEM 1515 or 1225; ZOOL 1604	
Written Communications	3	AGCM 3103 or BCOM 3113 or ENGL 3323 (If ENGL 3323 is substituted for ENGL 1213 above, then hours in this block become free electives)	

MAJOR REQUIREMENTS:	56 Hours
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#### Core Courses 37 Hours

**Total Hours: 125** 

GEOG 3033

NREM 3083, 3224, 3613, 3713, 4513, 4783, 4793

POLS 4363

Choose three social and public relations courses from the following:

AGCM 3103

AGEC 3503, 3713, 4503 NREM 4043, 4053, 4063

POLS 4593 SC 2183 SOC 4433

#### Related Courses 19 Hours

Select courses from among the following in consultation with a faculty advisor for additional breadth, or to create a specialty emphasis area. May include two lower-division courses; all other courses must be upper-division level.

#### No more than 9 credit hours from one discipline.

BIOL 3034 BOT 3005

ENTO 2993

GEOG 3153, 4163, 4333, 4343

NREM 2103, 2113, 2134, 3103, 3213, 3513, 4023,

4033, 4093, 4323, 4443, 4464, 4524,

4613, 4960, 4980, 4990

SOIL 3433, 4563, 4893

ZOOL 4113, 4174

#### Other Requirements:

DEAN

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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# OKLAHOMA STATE UNIVERSITY

**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: Fisheries & Aquatic Ecology

Minimum Overall Grade Point Average: 2.00

(cumulative graduation/retention GPA)

Other GPA requirements see below.

IUN KEÇ	QUIREMENTS: 43 HOURS	
Hours	To be selected from:	
6	ENGL 1113 or 1313; & 1213 or 1413 or 3323 (See Academic Regulation 3.5 in Catalog)	
6	HIST 1103; POLS 1113	
6	MATH 1513*; MATH 2103 or STAT 2013	
6	Any course designated (H); must include one lower-division course.	
12	BIOL 1114*; CHEM 1314* or 1215*; PHYS 1014 or GEOL 1114*	
7	AGEC 1114*; SPCH 2713*	
	Any course designated (D)	
	Any course designated (I)	
	Any course designated (L)	
that may	be used to meet GE requirements.	
ENTAL F	REQUIREMENTS: 22 HOURS	
6	AG 1011; NREM 1012, 2013	
13	BOT 1404; CHEM 1515 or 1225; ZOOL 1604	
3	AGCM 3103 or BCOM 3113 or ENGL 3323 (If ENGL 3323 is substituted for ENGL 1213 above, then hours in this block become free electives)	
	Hours   6   6   6   6   7   7     that may     ENTAL   F   6   13	

#### MAJOR REQUIREMENTS: 60 HOURS

**Total Hours: 125** 

#### Core Courses 44 Hours

NREM 3073 or BIOL 3023 or PLNT 3554 or ANSI 3423

BIOL 3034 BOT 3005 or 4214

NREM 3513, 3523, 4414, 4424, 4443

STAT 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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OKLAHOMA STATE UNIVERSITY

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.

- GENERAL EDOUR		QUIREMENTS: 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)	8	MATH 1715* (or 1513*, 1613); STAT 2013*	
Humanities (H)	6	Any course designated (H); must include one lower-division course.	
Natural Sciences (N)	8	BIOL 1114*; BOT 1404*	
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 requirement	s that may	be used to meet GE requirements.	
College/Departm	IENTAL R	REQUIREMENTS: 30 HOURS	
Agricultural Sciences and Natural Resources	22	AG 1011; NREM 1012, 1113, 1213, 2103, 2112, 2134; SOIL 2124	
Natural Sciences	5	CHEM 1215	
Written Communications	3	AGCM 3103 or BCOM 3113 or ENGL 3323 (If ENGL 3323 is substituted for ENGL 1213 above, then hours in this block become free electives)	

**Total Hours: 130** 

#### Core Courses 49 Hours

Summer Camp Courses: NREM 3101, 3102, 3103

Fall and Spring Courses:

NREM 3063, 3073, 3083, 3213, 3224, 3323, 3713, 4043, 4213,

4323, 4413, 4443

NREM 4513 or 4543

NREM 3613 or 4053 or 4414

Capstone Course: NREM 4333

#### Related Courses 10 Hours

Selected in consultation with a faculty advisor to gain breadth or establish a specialty emphasis area. May not use core courses selected above.

ACCT 2103, 2203 **AGEC** 3423 **ENTO** 2993, 3461 FIN 3113 4343 **GEOG GEOL** 1114 **HORT** 2613, 3013 LSB 3213 **MGMT** 3013 MKTG

NREM 3113, 3502, 3513, 3613, 4023, 4033, 4053, 4063, 4093,

4403, 4414, 4513, 4543, 4783, 4793, 4960, 4980, 4990

PHYS 1114 PLP 3343 SOIL 4563

# 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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### OKLAHOMA STATE UNIVERSITY

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: Natural History & Conservation** 

**Total Hours: 130** 

Minimum Overall Grade Point Average: 2.00

(cumulative graduation/retention GPA)

Other GPA requirements see below.

GENERAL EDUCATION REQUIREMENTS: 46 HOURS			Major Requirements: 55 Hours	
Area	Hours	To be selected from:		Core Courses <u>43 Hours</u>
English Composition & Oral Communication	6	ENGL 1113 or 1313; & 1213 or 1413 or 3323 (See Academic Regulation 3.5 in Catalog)	BIOL BOT LEIS	3034 3005 4453
American History & Government	6	HIST 1103; POLS 1113	NREM NREM	3073, 3513, 3713, 4023, 4033, 4464 4053 or NREM 4063 or LEIS 4473
Analytical & Quantitative Thought (A)	6	MATH 1483* or 1513*; STAT 2013* or 4013*	ZOOL	4115, 4174
Humanities (H)	6	HIST 4523*; & a lower-division course designated (H)		Related Courses <u>12 Hours</u>
			Select 12 hour	s from the following: **
Natural Sciences (N)	12	BIOL 1114*; CHEM 1314* or 1215*; GEOL 1114*	AGCM ANSI	2113, 3213, 3233 3903
Social & Behavioral Sciences (S)	7	AGEC 1114*; SPCH 2713*	BOT ENGL	3024, 4214 2233
Diversity (D)	3	AGLE 2403*	ENTO 3461, 3501, 4464, 4484  GEOG 3023, 3033, 3153  GEOL 1224, 1613, 2254, 2364, 3043, 3103  LEIS 4473	3461, 3501, 4464, 4484
International Dimension (I)		Any course designated (I)		
Scientific Investigation (L)		Any course designated (L)	NREM	2013, 3101, 3103, 3213, 3224, 3343, 3613, 4053, 4063, 4093, 4403, 4443, 4414, 4424, 4513, 4524, 4543
*College & Departmental requiremen	ts that may	be used to meet GE requirements.	soc	4433
College/Depart	MENTAL R	REQUIREMENTS: 29 HOURS	SOIL ZOOL	4463 3104, 3153, 4133
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		elected in consultation with a faculty advisor. May include lower or not include courses selected above.

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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### OKLAHOMA STATE UNIVERSITY

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.

	Τ	
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 1613*; STAT 2013*
Humanities (H)	6	Any course designated (H); must include one lower-division course.
Natural Sciences (N)	12	BIOL 1114*; CHEM 1215* (or 1314*); 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)
*College & Departmental requirements	that may	be used to meet GE requirements.
College/Departm	ENTAL R	EQUIREMENTS: 26 HOURS
Agricultural Sciences and Natural Resources	10	AG 1011; NREM 1012, 2013; SOIL 2124
Natural Sciences	13	BOT 1404; CHEM 1515 or 1225; ZOOL 1604
Written Communications	3	AGCM 3103 or BCOM 3113 or ENGL 3323 (If ENGL 3323 is substituted for ENGL 1213 above, then hours in this block become free electives)

#### MAJOR REQUIREMENTS: 56 HOURS

**Total Hours: 125** 

### 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

 $\mathsf{GEOG} \qquad 2323,\,3023,\,3033,\,3153,\,3333,\,4053,\,4333,\,4343$ 

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.

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# OKLAHOMA STATE UNIVERSITY

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: Wildlife Biology & Preveterinary Science

Minimum Overall Grade Point Average: 2.00 Total Hours: 130

(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 2103*; STAT 2013* or 4013*				
Humanities (H)	6	Any course designated (H); must include 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)				
*College & Departmental requirements	that may l	be used to meet GE requirements.				
College/Departm	ENTAL R	REQUIREMENTS: 35 HOURS				
Agricultural Sciences and Natural Resources	10	AG 1011; NREM 1012, 2013; SOIL 2124				
Natural Sciences	22	BOT 1404; CHEM 1515; MICR 2123, 2132; PHYS 1214; ZOOL1604				
Written Communications	3	AGCM 3103 or BCOM 3113 or ENGL 3323 (If ENGL 3323 is substituted for ENGL 1213 above, then hours in this block become free electives)				

#### **MAJOR REQUIREMENTS: 52 HOURS**

#### Core Courses 40 Hours

ANSI 3543 BIOC 3653\*\* 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,

4093, 4403, 4414, 4424, 4464, 4543, 4613, 4783, 4793, 4960,

4980, 4990

ZOOL 3114, 3153, 3163, 4104, 4113, 4215, 4223, 4273, 4283, 4293,

4303, 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.

### Other Requirements:

DEAN

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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<sup>\*\*</sup>BIOC 3713 may be used in place of BIOC 3653 if BIOC 3723 is also taken.

<sup>\*\*\*</sup>Or other courses selected in consultation with a faculty advisor. May include lowerdivision courses. May not include courses selected above.



# OKLAHOMA STATE UNIVERSITY

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: Wildlife Ecology & Management

**Total Hours: 125** 

Minimum Overall Grade Point Average: 2.00

(cumulative graduation/retention GPA)

Other GPA requirements see below.

GENERAL EDUCAT	TION REQ	QUIREMENTS: 43 HOURS	MAJOR REQUIREMENTS: 56 HOURS
Area	Hours	To be selected from:	Core Courses <u>39 Hours</u>
English Composition & Oral Communication	6	ENGL 1113 or 1313; & 1213 or 1413 or 3323 (See Academic Regulation 3.5 in Catalog)	NREM 3073 or BIOL 3023 or PLNT 3554 or ANSI 3423 BIOL 3034
American History & Government	6	HIST 1103; POLS 1113	BOT 3005 NREM 3513, 3523, 4464, 4513, 4524, 4543 ZOOL 4174
Analytical & Quantitative Thought (A)	6	MATH 1483* or 1513*, STAT 2013* or 4013*	NREM 4403 or NREM 4414 or ZOOL 4115  Related Courses 17 Hours
Humanities (H)	6	Any course designated (H); must include one lower-division course.	6 hours from the following: *  AGEC 3503 NREM 4043, 4053, 4063  ENVR 4813 POLS 4363, 4593
Natural Sciences (N)	12	BIOL 1114*; CHEM 1314* or 1215*; PHYS 1014* or GEOL 1114*	GEOG 3153 SOC 4433 HIST 4523
Social & Behavioral Sciences (S)	7	AGEC 1114*; SPCH 2713*	11 hours from the following: *  ANSI 3543  ENTO 2993
Diversity (D)	-	Any course designated (D)	GEOG 4343 NREM 2134, 3083, 3103, 3213, 3224, 3343, 3502, 3613, 3713,
International Dimension (I)		Any course designated (I)	4023, 4033, 4043, 4053, 4063, 4093, 4403, 4414, 4424 4443, 4783, 4793, 4960, 4980, 4990, ZOOL 3153, 4113, 4115, 4133
Scientific Investigation (L)		Any course designated (L)	2002 0100, 4110, 4100
*College & Departmental requirement	s that may	be used to meet GE requirements.	
COLLEGE/DEPARTM	IENTAL R	REQUIREMENTS: 26 HOURS	
Agricultural Sciences and Natural Resources	10	AG 1011; NREM 1012, 2013; SOIL 2124	
Natural Sciences	13	BOT 1404; CHEM 1515 or 1225; ZOOL 1604	
Written Communications	3	AGCM 3103 or BCOM 3113 or ENGL 3323 (If ENGL 3323 is substituted for ENGL 1213 above, then hours in this block become free electives)	* 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.

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### OKLAHOMA STATE UNIVERSITY

**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: Agribusiness** 

Minimum Overall Grade Point Average: 2.00 **Total Hours: 124** 

(cumulative graduation/retention GPA)

Other GPA requirements see below.

GENERAL EDUCATION REQUIREMENTS: 39 HOURS			MAJOR REQUIREMENTS: 78 HOURS
Area	Hours	To be selected from:	Core Courses <u>60 Hours</u>
English Composition & Oral Communication	6	ENGL 1113 or 1313; & 1213 or 1413 or 3323 (See Academic Regulation 3.5 in Catalog)	BOT 1404, 3463 BIOC 2344 or CHEM 3015 CHEM 1515 (or 1225) ENTO 2993, 3331
American History & Government	6	HIST 1103 or 1483 or 1493; POLS 1113	PLNT 1101, 1213, 2013, 2041, 4571, 6 hours from 4080 or 4990 SOIL 2124, 4234, 4463
Analytical & Quantitative Thought (A)	6	MATH 2103*; STAT 2013* or 2023*	8 hours from: PLNT 3113, 3554, 4353, 4573, 4613, 4673 6 hours from: SOIL 3433, 3883, 4213, 4483, 4563, 4683, 4893, 4913
Humanities (H)	6	Any course designated (H); must include	<u># Hours Hour.</u> 301L 3433, 3003, 4213, 4403, 4303, 4003, 4003, 4013
( )		one lower-division course.	Emphasis area <u>18 Hours</u>
			Agricultural Economics Minor:
Natural Sciences (N)	8	BIOL 1114*; CHEM 1314* (or 1215*)	AGEC 3183 or ACCT 2103  15 hours from: AGEC 3213, 3323, 3333, 3403, 3423, 3463, 3503, 3603, 3703
Social & Behavioral Sciences (S)	7	AGEC 1114*; SPCH 2713*	3713, 4333, 4343, 4403, 4423, 4513, 4703, 4803
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 requiremen	ts that may l	be used to meet GE requirements.	
COLLEGE/DEPART	MENTAL Ì	REQUIREMENTS: 7 HOURS	ELECTIVES: 0 HOURS
Agricultural Sciences and Natural Resources	4	AG 1011; ANSI 1124 or ENVR 1113 or NREM 2013	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)	

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.

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### OKLAHOMA STATE UNIVERSITY

**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: Bioenergy Production

Minimum Overall Grade Point Average: 2.00 Total Hours: 125

(cumulative graduation/retention GPA)

Other GPA requirements see below.

GENERAL EDUCATION REQUIREMENTS: 39 HOURS			MAJOR REQUIREMENTS: 76 HOURS
Area  English Composition & Oral Communication	Hours 6	To be selected from:  ENGL 1113 or 1313; & 1213 or 1413 or 3333 (See Academic Regulation 3.5 in Catalon)	Core Courses <u>51 Hours</u> AGEC 3323  BOT 1404, 3463
American History & Government	6	3323 (See Academic Regulation 3.5 in Catalog)  HIST 1103 or 1483 or 1493; POLS 1113	BIOC 2344 or CHEM 3015 CHEM 1515 (or 1225) ENTO 2993, 3331; (or PLP 3343) GEOL 1114 or PHYS 1014 or GEOG 3023
Analytical & Quantitative Thought (A)	6	MATH 2103*, STAT 2013*	PLNT 1101, 1213, 2013, 2041, 4571, 6 hours from 4080 or 4990 MCAG 1413 or 4203 or ENVR 4112 SOIL 2124, 4234
Humanities (H)	6	Any course designated (H); must include one lower-division course.	Choose one emphasis area <u>25 Hours</u> Alternative 1: <u>13 hours from PLNT</u> : 3113, 3554, 3782, 3790 (2),
Natural Sciences (N)	8	BIOL 1114*; CHEM 1314* (or 1215*)	4113, 4353, 4573, 4613, 4673, 4783  12 hours from SOIL: 3433, 3883, 4210, 4213, 4463, 4483, 4563, 4683, 4893, 4913
Social & Behavioral Sciences (S)	7	AGEC 1114*; SPCH 2713*	Alternative 2 (Entomology Minor): ENTO 3021, 3421, 3663, 3644 and 3044 (or 4464 OR 4484)
Diversity (D)		Any course designated (D)	7 hours from PLNT: 3111, 3211, 3221, 3231, 3554, 3782, 3790 (2), 4123, 4353, 4573, 4613, 4673, 4783 7 hours from SOIL: 3433, 4210, 4213, 4463, 4483, 4563, 4683, 488
International Dimension (I)		Any course designated (I)	<u>- House Holling Cont.</u>
Scientific Investigation (L)		Met by either BIOL 1114 or CHEM 1314	
*College & Departmental requirement		· ·	
COLLEGE/DEPARTM	IENTAL R	EQUIREMENTS: 10 HOURS	
Agricultural Sciences and Natural Resources	7	AG 1011; ANSI 1124 or NREM 2013; GEOG 2343	ELECTIVES: 0 HOURS  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)	

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.

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### OKLAHOMA STATE UNIVERSITY

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** 

**Total Hours: 123** 

Minimum Overall Grade Point Average: 2.00

(cumulative graduation/retention GPA)

Other GPA requirements see below.

GENERAL EDUCATION REQUIREMENTS: 39 HOURS		QUIREMENTS: 39 HOURS	MAJOR REQUIREMENTS: 76 HOURS	
Area English Composition & Oral Communication	Hours 6	To be selected from:  ENGL 1113 or 1313; & 1213 or 1413 or 3323 (See Academic Regulation 3.5 in Catalog)	Core Courses <u>58 Hours</u> BOT 1404	
American History & Government  Analytical & Quantitative Thought (A)	6	HIST 1103 or 1483 or 1493; POLS 1113  MATH 2103*; STAT 2013* or 2023*	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	
Humanities (H)	6	Any course designated (H); must include one lower-division course.	SOIL 2124, 3433, 4234, 4463 (or 4913)  Emphasis area 18 Hours  Alternative 1:	
Natural Sciences (N)	8	BIOL 1114*; CHEM 1314* (or 1215*)	Livestock Production (Animal Science Minor)  12 hours from: ANSI 3433, 3443, 3543, 3653, 4203 6 hours from: ANSI 4023, 4423, 4543, 4553, 4613, 4633, 4643	
Social & Behavioral Sciences (S)	7	AGEC 1114*; SPCH 2713*	Alternative 2:  18 hours of upper-division courses in: ANSI, PLNT, NREM or SOIL	
Diversity (D)		Any course designated (D)	To hours of apport division coarses in: 74401, 1 E111, 144E4101 COIE	
International Dimension (I)		Any course designated (I)		
Scientific Investigation (L)		Met by either BIOL 1114 or CHEM 1314		
*College & Departmental requiremen	ts that may	be used to meet GE requirements.		
College/Depart	MENTAL Ì	REQUIREMENTS: 8 HOURS	ELECTIVES: 0 HOURS	
Agricultural Sciences and Natural Resources	5	AG 1011; ANSI 1124	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)		

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.

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OKLAHOMA STATE UNIVERSITY

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 Total Hours: 125

(cumulative graduation/retention GPA)

Other GPA requirements see below.

GENERAL EDUCATION REQUIREMENTS: 39 HOURS			Major Requirements: 82 Hours	
Area	Hours	To be selected from:	Core Courses <u>61 Hours</u>	
English Composition & Oral Communication	6	ENGL 1113 or 1313; & 1213 or 1413 or 3323 (See Academic Regulation 3.5 in Catalog)	BOT 1404, 3462, 3463 CHEM 1515 (or 1225), 3053, 3153 PLNT 1011, 1213, 2013, 2041, 3113, 3554, 4571, 4990 (6 hrs)	
American History & Government	6	HIST 1103 or 1483 or 1493; POLS 1113	MICR 2123, 2132 PHYS 1014 SOIL 2124, 4483	
Analytical & Quantitative Thought (A)	6	MATH 2123*; 2133*	STAT 2013	
			Emphasis area <u>21 Hours</u>	
Humanities (H)	6	Any course designated (H); must include one lower-division course.	Alternative 1: 21 hours from: ANSI 3423, 4843 MICR 3033, 4233 BIOC 3653, 3723, 4113 or 4224 PLP 3343, 4923	
Natural Sciences (N)	8	BIOL 1114*; CHEM 1314* (or 1215*)	CHEM 3112 PLNT 4353, 4573, 4673 ENTO 2993	
Social & Behavioral Sciences (S)	7	AGEC 1114*; SPCH 2713*	Alternative 2 (Biochemistry Minor): BIOC 3653, 3723, 4113 or 4224 12 hours from Alternative 1 not already used.	
Diversity (D)	-	Any course designated (D)	Alternative 3 (Microbiology Minor):  MICR 3223	
International Dimension (I)		Any course designated (I)	6 hours upper-division MICR excluding MICR 3103 9 hours from Alternative 1 not already used 3 hours electives	
Scientific Investigation (L)		Met by either BIOL 1114 or CHEM 1314		
*College & Departmental requirement	nts that may	be used to meet GE requirements.		
College/Depart	rmental Ì	REQUIREMENTS: 4 HOURS	ELECTIVES: 0 HOURS	
Agricultural Sciences and Natural Resources	1	AG 1011	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)		

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.

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OKLAHOMA STATE UNIVERSITY

**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 Science

Minimum Overall Grade Point Average: 2.00 Total Hours: 128

(cumulative graduation/retention GPA)

Other GPA requirements see below.

GENERAL EDUCATION REQUIREMENTS: 39 HOURS			MAJOR REQUIREMENTS: 82 HOURS	
Area	Hours	To be selected from:	Core Courses <u>68 Hours</u>	
English Composition & Oral Communication	6	ENGL 1113 or 1313; & 1213 or 1413 or 3323 (See Academic Regulation 3.5 in Catalog)	BOT 1404, 3462, 3463 BIOC 3653 CHEM 1515, 3015	
American History & Government	6	HIST 1103 or 1483 or 1493; POLS 1113	ENTO 2993; (or PLP 3343) PHYS 1014 PLNT 1011, 1213, 2013, 2041, 3554, 4123, 4353, 4571, 4673 (or 4573 or 4613 or 4783), 6 hrs from 4080 or 4990 SOIL 2124, 3433 (or 4683 or 4893), 4234	
Analytical & Quantitative Thought (A)	6	MATH 2103*; STAT 2013*		
Humanities (H)	6	Any course designated (H); must include one lower-division course.	Emphasis area 14 Hours  Alternative 1:	
Natural Sciences (N)	8	BIOL 1114*; CHEM 1314* (or 1215*)	BOT 3263, 4123 BIOC 3723 or (MICR 2123 & 2132) 5 hours electives	
Social & Behavioral Sciences (S)	7	AGEC 1114*; SPCH 2713*	Alternative 2 (Botany Minor):  BOT 3005, 3024, 3233, 4023	
Diversity (D)		Any course designated (D)	Alternative 3 (Horticulture Minor):  HORT 3084	
International Dimension (I)		Any course designated (I)	11 hours HORT prefix courses (at least 3 hrs must be upper-division) Excluding: HORT 1003, 2010, 4671, 4990, 5110	
Scientific Investigation (L)		Met by either BIOL 1114 or CHEM 1314		
*College & Departmental requiremer	its that may	be used to meet GE requirements.		
College/Depart	MENTAL I	REQUIREMENTS: 7 HOURS		
Agricultural Sciences and Natural Resources	4	AG 1011; ANSI 1124 or ENVR 1113 or NREM 2013	ELECTIVES: 0 HOURS  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.

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OKLAHOMA STATE UNIVERSITY

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 Geotechnology** 

Minimum Overall Grade Point Average: 2.00 **Total Hours: 125** 

(cumulative graduation/retention GPA)

Other GPA requirements see below.

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)	P  Si
American History & Government	6	HIST 1103 or 1483 or 1493; POLS 1113	S
Analytical & Quantitative Thought (A)	6	MATH 2123*; 2133*	Suppo Bo C
Humanities (H)	6	Any course designated (H); must include one lower-division course.	G PI
Natural Sciences (N)	8	BIOL 1114*; CHEM 1314* (or 1215*)	Altern
Social & Behavioral Sciences (S)	7	AGEC 1114*; SPCH 2713*	E E
Diversity (D)	-	Any course designated (D)	(
International Dimension (I)		Any course designated (I)	Altern G
Scientific Investigation (L)		Met by either BIOL 1114 or CHEM 1314	6
*College & Departmental requiremen	ts that may	be used to meet GE requirements.	
College/Depart	MENTAL Ì	REQUIREMENTS: 7 HOURS	
Agricultural Sciences and Natural Resources	4	AG 1011; ENVR 1113 or NREM 2013	
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)	

#### **MAJOR REQUIREMENTS: 79 HOURS**

#### Core Courses 58 Hours

1101, 1213, 2013, 2041, 4571, 6 hours from 4080 or 4990

2124

from:

3433, 3883, 4210, 4463, 4483, 4563, 4683, 4893, 4913

#### courses:

1404

1515, 2113 and 2122 (or 3015)

1114 1014

#### Emphasis area 21 Hours

#### 1:

3034

3313, 4313 4103, 4133

4112, 4512

2343, 3333, 4313, 4323, 4333, 4343

3073, 3503, 4103, 4453

4411, 4413

### 2 (Geology Minor):

1224, 2254, 2364, 3014

from: GEOL 3073 or 3503, 4453, 4463

# **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.

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### OKLAHOMA STATE UNIVERSITY

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 Total Hours: 125

(cumulative graduation/retention GPA)

Other GPA requirements see below.

GENERAL EDUCATION REQUIREMENTS: 39 HOURS			MAJOR REQUIREMENTS: 79 HOURS	
Area	Hours	To be selected from:	Core Courses 65 Hours	
English Composition & Oral Communication	6	ENGL 1113 or 1313; & 1213 or 1413 or 3323 (See Academic Regulation 3.5 in Catalog)	PLNT 1101, 1213, 2013, 2041, 4571, 6 hours from 4080 or 4990	
American History & Government	6	HIST 1103 or 1483 or 1493; POLS 1113	SOIL 2124, 3433, 4483, 4683, 4893	
Analytical & Quantitative Thought (A)	6	MATH 2103*; STAT 2013*	4 hours from: SOIL 3883, 4210, 4213, 4234, 4463, 4563, 4913  6 hours from: PLNT 3113, 3554, 4353, 4573, 4613, 4613, 4673, 4783	
Humanities (H)	6	Any course designated (H); must include one lower-division course.	<u>Supporting courses:</u> BOT 1404 BIOC 2344 or CHEM 2113 and 2122 (or 3015)	
Natural Sciences (N)	8	BIOL 1114; CHEM 1314* (or 1215*)	CHEM 1515 GEOL 1114, 4453 (or BAE 4313 or NREM 4813) PHYS 1014	
Social & Behavioral Sciences (S)	7	AGEC 1114*; SPCH 2713*	Emphasis area <u>14 Hours</u> ENTO 4483	
Diversity (D)		Any course designated (D)	GEOL 4403, 4453, 4463 MCAG 4203 NREM 3513, 4403, 4413	
International Dimension (I)		Any course designated (I)	ZOOL 4434	
Scientific Investigation (L)		Met by either BIOL 1114 or CHEM 1314		
*College & Departmental requiremer	its that may	be used to meet GE requirements.		
College/Depart	MENTAL I	REQUIREMENTS: 7 HOURS		
Agricultural Sciences and Natural Resources	4	AG 1011; ANSI 1124 or ENVR 1113 or NREM 2013	ELECTIVES: 0 HOURS  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)		

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.

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# **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 adviser

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 - 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.



### OKLAHOMA STATE UNIVERSITY

General Requirements for Students Matriculating in Academic Year 2011-2012

**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		QUIREMENTS: 40 HOURS	MAJOR REQUIREMENTS: 48 HOURS	
Area	Hours	To be selected from:	Minimum GPA <u>2.50</u> . Minimum grade of C in all AMST upper-division courses.	
English Composition & Oral Communication	6	ENGL 1113 or 1313; & 1213 or 1413 or 3323 (See Academic Regulation 3.5 in Catalog)	No more than 9 hours in Major Requirements may be taken from 2000 level courses.  AMST 3223 and 4973	
American History & Government	6	HIST 1103; POLS 1113	9 hours: (6 hours must be upper-division) AMST courses (other than AMST 3223 & 4973) and/or courses listed in the following four categories:	
Analytical & Quantitative Thought (A)	6	MATH 1483 or 1493 or 1513 and 3 hours designated (A)	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	
Humanities (H)	6	Courses designated (H)	3763, 3773, 3793, 4063, 4153, 4163, 4173, 4253, 4273, 4353, 4463, 4483, 4493, 4503, 4513, 4523, 4543, 4553, 4563	
Natural Sciences (N)	8	Courses designated (N)	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,	
Social & Behavioral Sciences (S)	6	Courses designated (S)	4450  Fine Arts, Humanities and Interdisciplinary Studies (6 hours):	
Diversity (D)		Course designated (D) (see note1.b.)	AMST 3550 ART 3663, 3683, 4613, 4633, 4763 ARCH 4083, 4173, 4183	
International Dimension (I)		Course designated (I) (see note 1.b.)	GEOG 4223, 4253 GWST 2113, 2123, 3513, 3613, 3713, 4113, 4503	
Scientific Investigation (L)	-	Course designated (L) (see note 1.b.)	MUSI 3573, 3741, 3751 PHIL 3513, 3813, 3843	
Controlled Electives	2	Any course with a GE designation in any of the above areas	REL 3573  Social Sciences (6 hours):	
College/Departm	IENTAL R	EQUIREMENTS: 23 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	
Orientation	1	A&S 1111 (transfer students with 15 hours exempt)	4553, 4623, 4693, 4963, 4973 SCFD 4123	
Arts & Humanities	9	(see note 2.a.)	SOC 3213, 4213, 4383, 4433, 4443, 4453, 4463, 4473, 4723  9 hours: upper-division related courses	
Natural & Mathematical Sciences	3	(see note 2.b.)	ELECTIVES: 9 HOURS	
Foreign Languages	10	(see note 3.)	All of these may need to be upper-division.	
Non-Western Studies		(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 AMST, American History and American Literature.

<u>Upper-Division Credit:</u> Total hours must include at least <u>48 hours</u> 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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### OKLAHOMA STATE UNIVERSITY

General Requirements for Students Matriculating in Academic Year 2011-2012

**BACHELOR of ARTS** 

MAJOR: Art **OPTION: Art History** 

Minimum Overall Grade Point Average: 2.00 **Total Hours: 120** 

(cumulative graduation/retention GPA)

Other GPA requirements see below.

GENERAL EDUCATION REQUIREMENTS: 40 HOURS			Major Requirements: 50 Hours
Area	Hours	To be selected from:	Minimum GPA in all Art History courses 3.00 with a minimum grade of "C" in all AR
English Composition & Oral Communication	6	ENGL 1113 or 1313; & 1213 or 1413 or 3323 (See Academic Regulation 3.5 in Catalog)	courses.  Foreign Language – 5 additional hours (any language – any level)
American History & Government	6	HIST 1103; POLS 1113	Art Studio (3 hours) 1103 or 1203
Analytical & Quantitative Thought (A)	6	MATH 1483 or 1493 or 1513 and 3 hours designated (A); or MATH 1715	Art History (30 hours)
Humanities (H)	6	Courses designated (H)	2603 and 2613 3603 or 3713 or 3723
Natural Sciences (N)	8	Courses designated (N)	3623 or 3633 or 3673 3683
Social & Behavioral Sciences (S)	6	Courses designated (S)	3600 (1-3 hours) minimum 3 hours.  Special Studies: Writing Methods in Art History (must be in one-hour
Diversity (D)		Course designated (D) (see note1.b.)	blocks taken concurrently with upper-division Art History) 4933 6 hours from ART 3653, 3663, 3693, 3733, 3743, 4693, 4613, 4693, 4653,
International Dimension (I)		Course designated (I) (see note 1.b.)	6 hours from ART 3653, 3663, 3693, 3733, 3743, 4593, 4613, 4623, 4653, 4663, 4673, 4683, 4693, 4703, 4713, 4763
Scientific Investigation (L)		Course designated (L) (see note 1.b.)	9 hours upper-division Art History (4800 Museum Internship recommended
Controlled Electives	2	Any course with a GE designation in any of the above areas	Electives (6 hours) upper-division major-related courses
College/Depart	MENTAL R	REQUIREMENTS: 23 HOURS	
Orientation	1	A&S 1111 (transfer students with 15 hours exempt)	
Arts & Humanities	9	(see note 2.a.)	ELECTIVES: 7 HOURS
Natural & Mathematical Sciences	3	(see note 2.b.)	All electives plus 5 hours general education or college/departmental requirements r need to be upper-division.
Foreign Languages	10	French or German recommended (see note 3.)	The state of the s
Non-Western Studies		(see notes 1.b. & 2.c.)	

 $\underline{\text{Upper-Division Gen Ed:}} \ \ \text{6 hours outside major prefix}.$ 

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<u>Upper-Division Credit:</u> Total hours must include at least <u>48 hours</u> 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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### OKLAHOMA STATE UNIVERSITY

**General Requirements for Students Matriculating in Academic Year 2011-2012** 

**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 EDUCA	TION REQ	QUIREMENTS: 40 HOURS	MAJOR REQUIREMENTS: 48 HOURS
Area	Hours	To be selected from:	Minimum GPA in all ART courses 2.50 with a minimum grade of "C" in all ART course
English Composition & Oral Communication	6	ENGL 1113 or 1313; & 1213 or 1413 or 3323 (See Academic Regulation 3.5 in Catalog)	ART 1103 1113
American History & Government	6	HIST 1103; POLS 1113	1203 1303
Analytical & Quantitative Thought (A)	6	MATH 1483 or 1493 or 1513 and 3 hours designated (A); or MATH 1715	2003 or 2113 2603 and 2613
Humanities (H)	6	Courses designated (H)	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)
Natural Sciences (N)	8	Courses designated (N)	
Social & Behavioral Sciences (S)	6	Courses designated (S)	6 hours upper-division Art History  12 hours upper-division Studio Art
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/DEPART	MENTAL R	EQUIREMENTS: 23 HOURS	
Orientation	1	A&S 1111 (transfer students with 15 hours exempt)	
Arts & Humanities	9	(see note 2.a.)	ELECTIVES: 9 HOURS
Natural & Mathematical Sciences	3	(see note 2.b.)	All electives plus 21 hours general education or college/departmental requirements m
Foreign Languages	10	(see note 3.)	need to be upper-division.
Non-Western Studies		(see notes 1.b. & 2.c.)	

Other Requirements: See notes 1, 2 & 3 on back of degree sheet

<u>Upper-Division Gen Ed:</u> 6 hours outside major prefix.

<u>Upper-Division Credit:</u> Total hours must include at least <u>48 hours</u> 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.

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### OKLAHOMA STATE UNIVERSITY

**General Requirements for Students Matriculating in Academic Year 2011-2012** 

**BACHELOR of ARTS** 

MAJOR: Economics OPTION: Two options

Minimum Overall Grade Point Average: 2.00 Total Hours: 120

(cumulative graduation/retention GPA)

Other GPA requirements see below.

GENERAL EDUCA	TION REQ	QUIREMENTS: 40 HOURS	MAJOR REQUIREMENTS: 45 HOURS
Area	Hours	To be selected from:	Minimum GPA <u>2.00</u>
English Composition & Oral Communication	6	ENGL 1113 or 1313; & 1213 or 1413 or 3323 (See Academic Regulation 3.5 in Catalog)	Minimum GPA in ECON courses <u>2.00</u> . <u>Core Courses:</u> ECON 2103, 2203, 3113, 3123
American History & Government  Analytical & Quantitative Thought (A)	6	HIST 1103; POLS 1113  MATH 1513 or 1715; and STAT 2013 or 2023	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 Economic
Humanities (H)	6	Courses designated (H)	International Economic Relations Option ECON 3613; and 4643 or 4823 ENGL 3323 or BCOM 3333
Natural Sciences (N)	8	Courses designated (N)	FIN 3113 and 4213; or MKTG 3213 and 4553; or LSB 3213 and 4633
Social & Behavioral Sciences (S)	6	Courses designated (S)	9 hours upper-division Economics electives
Diversity (D)		Course designated (D) (see note 1.b.)	9 hours selected from Arts & Sciences courses that have an international emphasis
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/Depart	MENTAL R	EQUIREMENTS: 23 Hours	
Orientation	1	A&S 1111 (transfer students with 15 hours exempt)	
Arts & Humanities	9	Int'l Econ. Rel.; 5 hours foreign language (2000-level or above). International courses recommended for remainder (see note 2.a.)	ELECTIVES: 12 HOURS  9 hours may need to be upper-division
Natural & Mathematical Sciences	3	MATH 2103	General Option: CS 1103 and STAT 3013 are recommended.  International Economic Relations Option: ACCT 2103 required; CS 1103 and STAT
Foreign Languages	10	(see note 3.)	3013 are recommended.
Non-Western Studies		(see notes 1.b. & 2.c.)	

Upper-Division Gen Ed: 6 hours outside major prefix.

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<u>Upper-Division Credit:</u> Total hours must include at least <u>48 hours</u> 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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### OKLAHOMA STATE UNIVERSITY

**General Requirements for Students Matriculating in Academic Year 2011-2012** 

**BACHELOR of ARTS** 

MAJOR: English

Minimum Overall Grade Point Average: 2.00 Total Hours: 120

(cumulative graduation/retention GPA)

Other GPA requirements see below.

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.)	
nternational 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 o the above areas	
College/Departm	⊥ MENTAL R	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.)	
latural & Mathematical Sciences			
oreign Languages	10	(see note 3.)	
Non-Western Studies	-	(see notes 1.b. & 2.c.)	

Minimum GPA in all ENGL courses <u>3.00</u> 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

1000-level course in literature before 1800 / 3 hours 1000-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.

<u>Upper-Division Credit:</u> Total hours must include at least <u>48 hours</u> 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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### OKLAHOMA STATE UNIVERSITY

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 Total Hours: 120

(cumulative graduation/retention GPA)

Other GPA requirements see below.

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.)	
nternational 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 o the above areas	
College/Departm	MENTAL R	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	(see note 2.b.)	
Foreign Languages	10	(see note 3.)	
Non-Western Studies	-	(see notes 1.b. & 2.c.)	

Maior Requirements: 54 l	IREMEN'	s: 54 l	HOURS
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Minimum GPA in all ENGL courses <u>3.00</u> 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

<u>Upper-Division Gen Ed:</u> 6 hours outside major prefix.

<u>Upper-Division Credit:</u> Total hours must include at least <u>48 hours</u> 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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### OKLAHOMA STATE UNIVERSITY

**General Requirements for Students Matriculating in Academic Year 2011-2012** 

**BACHELOR of ARTS** 

MAJOR: English OPTION: Screen Studies

Minimum Overall Grade Point Average: 2.00 Total Hours: 120

(cumulative graduation/retention GPA)

Other GPA requirements see below.

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 course areas	
College/Departm	MENTAL R	EQUIREMENTS: 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	(see note 2.b.)	
Foreign Languages	10	(see note 3.)	
Non-Western Studies	-	(see notes 1.b. & 2.c.)	

MAIOR I	REOUIREMENTS:	54	HOURS
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Minimum GPA in all ENGL courses <u>3.00</u> 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

<u>Upper-Division Gen Ed:</u> 6 hours outside major prefix.

<u>Upper-Division Credit:</u> Total hours must include at least <u>48 hours</u> 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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### OKLAHOMA STATE UNIVERSITY

General Requirements for Students Matriculating in Academic Year 2011-2012

**BACHELOR of ARTS** 

**MAJOR: English OPTION: Professional Writing** 

**Total Hours: 120** Minimum Overall Grade Point Average: 2.00

(cumulative graduation/retention GPA)

Other GPA requirements see below.

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/Departm	MENTAL R	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	(see note 2.b.)
Foreign Languages	10	(see note 3.)
Non-Western Studies		(see notes 1.b. & 2.c.)

PA in all ENGL courses 3.00 and a minimum grade of "C' in each course English Composition and free electives).

, 3223, 4013, 4523, 4530, 4543, 4553

/ 9 hours from ENGL 4003, 4043, 4063, 4080, 4083, 4093

ctives / 9 hours upper-division

ust choose one of the following areas:

ırs upper-division

ırs upper-division

3903 and 9 hours upper-division

& Management

ırs upper-division

Engineering

4563 and 9 hours upper-division

**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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### OKLAHOMA STATE UNIVERSITY

General Requirements for Students Matriculating in Academic Year 2011-2012

BACHELOR of ARTS

**MAJOR: French** 

Minimum Overall Grade Point Average: 2.00

(cumulative graduation/retention GPA)

Other GPA requirements see below.

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/Departi	MENTAL R	EQUIREMENTS: 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: 40	Hours
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**Total Hours: 121** 

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

FREN 2112, 2113, 2232, 2233; or equivalent proficiency

FREN \*4153

FREN 3203, 3213, 4333

12 or more hours of French, of which at least six hours must be literature courses\*, from

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** 

FREN 3073

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

<u>Upper-Division Gen Ed:</u> 6 hours outside major prefix.

<u>Upper-Division Credit:</u> Total hours must include at least <u>48 hours</u> 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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### OKLAHOMA STATE UNIVERSITY

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		QUIREMENTS: 41 HOURS	MAJOR REQUIREMENTS: 45 HOURS	
Area	Hours	To be selected from:	Minimum GPA <u>2.50</u>	
English Composition & Oral Communication	6	ENGL 1113 or 1313; & 1213 or 1413 or 3323 (See Academic Regulation 3.5 in Catalog)	GEOG 1113 or 2253 2343 3333	
American History & Government	6	HIST 1103; POLS 1113	4313 4323	
Analytical & Quantitative Thought (A)	6	MATH 1483 or 1513; and STAT 2013 or 2023 or 2053	24 hours GEOG (21 hours must be upper-division)	
Humanities (H)	6	Courses designated (H)	6 hours upper-division (non-GEOG) departmental approved related courses	
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/Departm	MENTAL R	REQUIREMENTS: 24 HOURS		
Orientation	1	A&S 1111 (transfer students with 15 hours exempt)		
Arts & Humanities	9	(see note 2.a.)	ELECTIVES: 10 HOURS	
Natural & Mathematical Sciences	4	GEOG 1114	12 hours may need to be upper-division	
Foreign Languages	10	(see note 3.)		
Non-Western Studies	-	(see notes 1.b. & 2.c.)		

Other Requirements: See notes 1, 2 & 3 on back of degree sheet

<u>Upper-Division Gen Ed:</u> 6 hours outside major prefix.

<u>Upper-Division Credit:</u> Total hours must include at least <u>48 hours</u> 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.

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### OKLAHOMA STATE UNIVERSITY

**General Requirements for Students Matriculating in Academic Year 2011-2012** 

**BACHELOR of ARTS** 

**MAJOR: German** 

Minimum Overall Grade Point Average: 2.00 Total Hours: 121

(cumulative graduation/retention GPA)

Other GPA requirements see below.

GENERAL EDUCA	TION REQ	QUIREMENTS: 40 HOURS	MAJOR REQUIREMENTS: 40 HOURS
Area	Hours	To be selected from:	Minimum GPA <u>2.50</u> in lower-division German courses and <u>2.50</u> in upper-division
English Composition & Oral Communication	6	ENGL 1113 or 1313; & 1213 or 1413 or 3323 (See Academic Regulation 3.5 in Catalog)	German courses with minimum grade of "C" in each course.  GRMN 2112, 2113, 2222, 2223; or equivalent proficiency
American History & Government	6	HIST 1103; POLS 1113	GRMN 3803, 3813, 4333
Analytical & Quantitative Thought (A)	6	MATH 1483 or 1493 or 1513; and 3 hours designated (A)	12 or more hours of German, of which at least 6 hours must be literature courses*, from:  GRMN 3333 GRMN *4163 3343 *4513 3463 *4523
Humanities (H)	6	Courses designated (H)	3902 *4543 3903 4550 (1-9 hours)
Natural Sciences (N)	8	Courses designated (N)	*4153 FLL 3500 (1-20 hours) 4000 (1-9 hours)
Social & Behavioral Sciences (S)	6	Courses designated (S)	The remaining hours may be taken from related fields, such as:
Diversity (D)		Course designated (D) (see note 1.b.)	GEOG 3723 POLS 3143
International Dimension (I)		Course designated (I) (see note 1.b.)	Students completing Teacher Education requirements may include professional
Scientific Investigation (L)		Course designated (L) (see note 1.b.)	education courses.
Controlled Electives	2	Any course with a GE designation in any of the above areas	
College/Depart	MENTAL R	EQUIREMENTS: 23 HOURS	
Orientation	1	A&S 1111 (transfer students with 15 hours exempt)	
Arts & Humanities	9	(see note 2.a.)	ELECTIVES: 18 HOURS
Natural & Mathematical Sciences	3	(see note 2.a.)	All of these may need to be upper-division
Foreign Languages	10	(see note 3.)	
Non-Western Studies		(see notes 1.b. & 2.c.)	

Other Requirements: See notes 1, 2 & 3 on back of degree sheet

<u>Upper-Division Gen Ed:</u> 6 hours outside major prefix.

<u>Upper-Division Credit:</u> Total hours must include at least <u>48 hours</u> 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.

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### OKLAHOMA STATE UNIVERSITY

General Requirements for Students Matriculating in Academic Year 2011-2012

**BACHELOR of ARTS** 

**MAJOR: History** 

Minimum Overall Grade Point Average: 2.00

Total Hours: 123

(cumulative graduation/retention GPA)

Other GPA requirements see below.

GENERAL EDUCA	TION REQ	QUIREMENTS: 40 HOURS	MAJOR REQUIREMENTS: 51 HOURS
Area	Hours	To be selected from:	Minimum GPA <u>2.50</u> . Minimum grade of "C" in all upper-division HIST courses.
English Composition & Oral	6	ENGL 1113 or 1313; & 1213 or 1413 or	HIST 1713; 4903 or 4993 (with Professor permission and Honors College enrollment)
Communication		3323 (See Academic Regulation 3.5 in Catalog)	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 & Government	6	HIST 1103*; POLS 1113	American History: HIST 3133, 3333, 3613, 3623, 3633, 3643, 3653, 3663, 3673, 3683,
Analytical & Quantitative Thought (A)	6	MATH 1483 or 1493 or 1513; and 3 hours designated (A)	3753, 3763, 3773, 3783, 3793, 4063, 4153, 4163, 4173, 4253, 4273, 4353, 4453, 4463, 4483, 4493, 4503, 4513, 4523, 4543, 4553, 4563, 4583, 4593
Humanities (H)	6	HIST 1613 and 3 hours non-HIST designated (H)	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
Natural Sciences (N)	8	Courses designated (N)	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
Social & Behavioral Sciences (S)	6	Courses designated (S)	areas with consent of advisor.
Diversity (D)	-	Course designated (D) (see note 1.b.)	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
International Dimension (I)		Course designated (I) (see note 1.b.)	Students completing Teacher Education requirements may: 1) include professional
Scientific Investigation (L)		Course designated (L) (see note 1.b.)	education courses; 2) substitute HIST 2323 and HIST 1483 or 1493 for 6 hours upper- division HIST, leaving 24 hours to be distributed 12, 6, and 6 among American,
Controlled Electives	2	Any course with a GE designation in any of the above areas	European and World.  *Students with prior credit in HIST 1103 may not earn credit in HIST 1483 or HIST 1493.
COLLEGE/DEPARTN	⊥ IENTAL R	EQUIREMENTS: 23 HOURS	Students with phot dealt in that 1103 may not earn dealt in that 1403 of that 1435.
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	(see note 2.b.)	ELECTIVES: 9 HOURS  6 hours may need to be upper-division
Foreign Languages	10	(see note 3.)	The state of the s
Non-Western Studies	-	(see notes 1.b. & 2.c.)	

Other Requirements: See notes 1, 2 & 3 on back of degree sheet

<u>Upper-Division Gen Ed:</u> 6 hours outside major prefix.

<u>Upper-Division Credit:</u> Total hours must include at least <u>48 hours</u> 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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### OKLAHOMA STATE UNIVERSITY

General Requirements for Students Matriculating in Academic Year 2011-2012

**BACHELOR of ARTS** 

**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			Major Requirements: 45 Hours
Area	Hours	To be selected from:	Minimum GPA 2.50 with a minimum grade of "C" in each course.
English Composition & Oral Communication	6	ENGL 1113 or 1313; & 1213 or 1413 or 3323 (See Academic Regulation 3.5 in Catalog)	A&S 4013 (Senior Project)  Additional upper-division courses from the following with 15 hours from each of two
American History & Government	6	HIST 1103; POLS 1113	disciplines and 12 hours from among remaining disciplines.  AMST
Analytical & Quantitative Thought A)	6	MATH 1483 or 1493 or 1513; and 3 hours designated (A); or MATH 1715	ANTH ART (history) ECON
Humanities (H)	6	Courses designated (H)	ENGL FLL (and specific languages)
Natural Sciences (N)	8	Courses designated (N)	GEOG GWST
Social & Behavioral Sciences (S)	6	Courses designated (S)	HIST MATH
Diversity (D)		Course designated (D) (see note 1.b.)	MUSI PHIL POLS
nternational Dimension (I)		Course designated (I) (see note 1.b.)	PSYC REL
Scientific Investigation (L)		Course designated (L) (see note 1.b.)	SOC SPCH
Controlled Electives	2	Any course with a GE designation in any of the above areas	тн
College/Departm	MENTAL R	EQUIREMENTS: 23 HOURS	
Orientation	1	A&S 1111 (transfer students with 15 hours exempt)	
Arts & Humanities	9	(see note 2.a.)	ELECTIVES: 12 HOURS
Natural & Mathematical Sciences	3	(see note 2.b.)	3 hours may need to be upper-division.
Foreign Languages	10	(see note 3.)	
Non-Western Studies		(see notes 1.b. & 2.c.)	

<u>Upper-Division Gen Ed:</u> 6 hours outside the two primary disciplines selected in the major.

<u>Upper-Division Credit:</u> Total hours must include at least <u>48 hours</u> 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.

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### OKLAHOMA STATE UNIVERSITY

**General Requirements for Students Matriculating in Academic Year 2011-2012** 

**BACHELOR of ARTS** 

**MAJOR: Mathematics** 

Minimum Overall Grade Point Average: 2.00 Total Hours: 120

(cumulative graduation/retention GPA)

Other GPA requirements see below.

GENERAL EDUCA	TION REC	QUIREMENTS: 40 Hours	MAJOR REQUIREMENTS: 42 HOURS
Area	Hours	To be selected from:	Minimum grade of "C" in each course.
English Composition & Oral	6 ENGL 1113 or 1313; & 1213 or 1413 or	'	MATH 2153, 2163, 2233, 3013, 3613
Communication		3323 (See Academic Regulation 3.5 in Catalog)	Choose one of the following:
American History & Government	6	HIST 1103; POLS 1113	General:
Analytical & Quantitative Thought	7	MATH 2144; and CS 1113	6 hours from: MATH 4023, 4143, 4153, 4403, 4613, 4623, 4713, 4813
(A)	'	WATTIZITT, dild GG TTTG	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
Humanities (H)	6	Courses designated (H)	9 hours from: upper-division courses in any field.
Natural Sciences (N)	8	PHYS 1114 or 2014 or 2314; and 4 hours	Teacher Certification:
		designated (N)	MATH 4023, 4033, 4403, 4583, 4663, 4713
Social & Behavioral Sciences (S)	6	Courses designated (S)	CIED 4003, 4053
			STAT 4013 or 4023
Diversity (D)		Course designated (D) (see note 1.b.)	Pre-actuarial/Financial Mathematics:
International Dimension (I)		Course designated (I) (see note 1.b.)	MATH 4453
			9 hours from: MATH 4023, 4233, 4263, 4513, 4553, 4583, 4663
Scientific Investigation (L)		Course designated (L) (see note 1.b.)	STAT 4203
Controlled Electives	1	Any course with a GE designation in any of	3 hours from: ECON 3113, 4213, 4223
		the above areas	6 hours from: FIN 3113, 4223, 4333, 4763 3 hours from: MSIS 3393, or upper-division FIN or ECON, or courses in MATH or STA
College/Depart	MENTAL R	REQUIREMENTS: 23 HOURS	numbered 4000 or above.
Orientation	1	A&S 1111 (transfer students with 15 hours exempt)	
Arts & Humanities	9		
		(see note 2.a.)	
Natural & Mathematical Sciences	3		ELECTIVES: 15 HOURS
		(see note 2.b.)	All of these may need to be upper-division.
Foreign Languages	10		
		(see note 3.)	
Non-Western Studies			
		(see notes 1.b. & 2.c.)	

Other Requirements: See notes 1, 2 & 3 on back of degree sheet

<u>Upper-Division Gen Ed:</u> 6 hours outside major prefix.

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<u>Upper-Division Credit:</u> Total hours must include at least <u>48 hours</u> 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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### OKLAHOMA STATE UNIVERSITY

**General Requirements for Students Matriculating in Academic Year 2011-2012** 

**BACHELOR of ARTS** 

MAJOR: Multimedia Journalism

Minimum Overall Grade Point Average: 2.00 Total Hours: 125

(cumulative graduation/retention GPA)

Other GPA requirements see below.

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/DEPARTN	IENTAL R	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 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.

<u>Upper-Division Credit:</u> Total hours must include at least <u>48 hours</u> 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.

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### OKLAHOMA STATE UNIVERSITY

**General Requirements for Students Matriculating in Academic Year 2011-2012** 

**BACHELOR of ARTS** 

**MAJOR: Music** 

Minimum Overall Grade Point Average: 2.00 Total Hours: 122

(cumulative graduation/retention GPA)

Other GPA requirements see below.

GENERAL EDUCA	TION REC	QUIREMENTS: 40 HOURS	Major Requirements: 47 Hours
Area	Hours	To be selected from:	Minimum <u>2.50</u> GPA in all Music courses with minimum grade of "C" in each course.
English Composition & Oral	6	ENGL 1113 or 1313; & 1213 or 1413 or	MUSI 1531, 1533, 1541, 1543, 2551, 2553, 2561, 2563
Communication		3323 (See Academic Regulation 3.5 in Catalog)	4 hours lower-division Applied Major Music Lessons
American History & Government	6	HIST 1103; POLS 1113	2 hours Applied Minor Music Lessons
Analytical & Quantitative Thought	6	MATH 1483 or 1493 or 1513 and 3 hours	4 hours Music Organization from MUSI 2610, 2620, 2630
(A)		designated (A)	MUSI 3763, 3873
Humanities (H)	6	MUSI 3753 and 3 hours designated (H)	4 hours upper-division Applied Major Music Lessons (to include at least 1 hour at the 4000 level)
Natural Sciences (N)	8	Courses designated (N)	MUSI 3712, 3783, 4972
Social & Behavioral Sciences (S)	6	Courses designated (S)	Instrumental and Voice Majors:
Diversity (D)	-	Course designated (D) (see note 1.b.)	4 hours upper-division large ensemble from MUSI 3610, 3620 or 3630
International Dimension (I)		Course designated (I) (see note 1.b.)	<ul> <li>Keyboard Majors:</li> <li>2 hours upper-division large or chamber ensemble from MUSI 3610, 3620, 3630 or 460</li> <li>2 hours collaborative piano, MUSI 4600</li> </ul>
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	All Music Majors must successfully complete an entrance audition, upper-division theorexamination, keyboard proficiency examination, and six semesters of MUSI 0500 Recit Attendance.
College/Depart	MENTAL R	REQUIREMENTS: 23 HOURS	
Orientation	1	A&S 1111 (transfer students with 15 hours exempt)	
A . 0 . 11			ELECTIVES: 12 HOURS
Arts & Humanities	9	(see note 2.a.)	All electives plus 12 hours general education or college requirements, in addition to
Natural & Mathematical Sciences	3		MUSI 3753, may need to be upper-division.
		(see note 2.b.)	4 hours need to be liberal arts or liberal science.
Foreign Languages	10	(see note 3.)	
Non-Western Studies		(see notes 1.b. & 2.c.)	

Other Requirements: See notes 1, 2 & 3 on back of degree sheet

<u>Upper-Division Gen Ed:</u> 6 hours outside major prefix.

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<u>Upper-Division Credit:</u> Total hours must include at least <u>48 hours</u> 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.

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### OKLAHOMA STATE UNIVERSITY

General Requirements for Students Matriculating in Academic Year 2011-2012

**BACHELOR of ARTS** 

**MAJOR: Philosophy** 

Minimum Overall Grade Point Average: 2.00

(cumulative graduation/retention GPA)

Other GPA requirements see below.

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/Departm	MENTAL R	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.)

MAIOD	REQUIREMENTS:	12	HOUDE	
WIAIOR	REQUIREMENTS:	4.3	HOURS	

**Total Hours: 120** 

nimum GPA 2.00. Minimum GPA in all Philosophy courses 2.50.

ore: 6 hours from PHIL 3113, 3213, 3313

noose one of the following:

#### eneral:

HIL 3003

nimum of 19 additional hours in upper-division PHIL courses

hours upper-division related courses

#### aduate Preparation:

HL 3003, 3313, 3413, 4983, 4991

additional hours in upper-division PHIL courses

hours upper-division related courses

#### areer/Pre-professional:

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

#### **ELECTIVES: 14 HOURS**

nours 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.

<u>Upper-Division Credit:</u> Total hours must include at least <u>48 hours</u> 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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### OKLAHOMA STATE UNIVERSITY

**General Requirements for Students Matriculating in Academic Year 2011-2012** 

**BACHELOR of ARTS** 

**MAJOR: Political Science** 

Minimum Overall Grade Point Average: 2.00 Total Hours: 120

(cumulative graduation/retention GPA)

Other GPA requirements see below.

GENERAL EDUCA	TION REQ	QUIREMENTS: 41 HOURS	Major Requirements: 45 Hours
Area	Hours	To be selected from:	Minimum GPA <u>2.50</u> with a minimum grade of "C" in each course.
English Composition & Oral Communication	6	ENGL 1113 or 1313; & 1213 or 1413 or 3323 (See Academic Regulation 3.5 in Catalog)	A minimum of 30 hours POLS (27 hours must be upper-division).
American History & Government	6	HIST 1103; POLS 1113	Core Requirements: (12 hours) POLS 2013 or 2113; POLS 3663; POLS 3103 POLS Capstone (3 hours)
Analytical & Quantitative Thought	6	MATH 1483 or 1493 or 1513 and 3 hours	At least 3 hours from 3 different areas (9 hours) listed below:
(A)		designated (A)	American Politics: select from 3353, 3414, 3423, 3453, 3483, 3513, 3523, 3533, 363, 3953, 3973, 4000, 4623, 4693
Humanities (H)	6	Courses designated (H)	Comparative Politics: select from 3003, 3053, 3123, 3143, 3163, 3193, 3223, 3313
Natural Sciences (N)	8	Courses designated (N)	15 hours in one foreign language or equivalent proficiency on the plan
Social & Behavioral Sciences (S)	6	Courses designated (S)	International Relations: select from 3033, 3043, 4010, 4013, 4053, 4113 15 hours in one foreign language or equivalent proficiency on the plan
Diversity (D)		Course designated (D) (see note 1.b.)	Pre-Law/Public Law: select from 3663, 4553, 4573, 4653, 4670  Pre-Law/Public Law: select from 3983, 3993, 4353, 4363, 4963, 4973, 4980
International Dimension (I)		Course designated (I) (see note 1.b.)	Public Policy: 3493, 4403, 4413, 4453, 4593
Scientific Investigation (L)		Course designated (L) (see note 1.b.)	Emergency Management: 3733, 3763, 3813, 3893
Controlled Electives	3	SPCH 2713 or 3733	Upper-division courses to complete the required 45 from: ECON, ENGL, ENVR, FL FPST, GEOG, HIST, MGMT, PHIL, PSYC, REL, SOC
College/Depart	MENTAL R	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: 11 HOURS
Foreign Languages	10	(see note 3.)	6 hours may need to be upper-division.
Non-Western Studies	-	(see notes 1.b. & 2.c.)	

Other Requirements: See notes 1, 2 & 3 on back of degree sheet

<u>Upper-Division Gen Ed:</u> 6 hours outside major prefix.

<u>Upper-Division Credit:</u> Total hours must include at least <u>48 hours</u> 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.

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### OKLAHOMA STATE UNIVERSITY

General Requirements for Students Matriculating in Academic Year 2011-2012

BACHELOR of ARTS

**MAJOR: Psychology** 

Minimum Overall Grade Point Average: 2.00 **Total Hours: 120** 

(cumulative graduation/retention GPA)

Other GPA requirements see below.

Area	Hours	To be selected from:
inglish 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
nalytical & Quantitative Thought	6	MATH 1513 and 3 hours designated (A)
umanities (H)	6	Courses designated (H)
latural Sciences (N)	8	Courses designated (N)
ocial & Behavioral Sciences (S)	6	PSYC 1113 and 3 hours designated (S)
Diversity (D)		Course designated (D) (see note 1.b.)
nternational Dimension (I)	-	Course designated (I) (see note 1.b.)
cientific Investigation (L)	-	Course designated (L) (see note 1.b.)
ontrolled Electives	2	Any course with a GE designation in any of the above areas
College/Departm	IENTAL R	PEQUIREMENTS: 23 HOURS
Drientation	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.)
oreign Languages	10	(see note 3.)
Ion-Western Studies		(see notes 1.b. & 2.c.)

MAIOR RE	<b>OUIREMENTS:</b>	50	Hours

um GPA 2.00 with a minimum grade of "C" in all PSYC courses. re than 6 hours of PSYC (after 1113) may be lower-division.

Requirements: 8 hours

3214

3914

- rs to include at least one course from each competency area below.
- rning, Cognition, Biological Basis: 3073, 3113, 3173, 3513, 3713, 3823, 4223, 1343
- chometrics, Personality, Social Processes: 2743, 3013, 3413, 4333, 4153, 4813
- elopmental and Sociocultural Dimensions: 2313, 2583, 2593, 4123, 4133
- ical, Applied Psychology: 3443, 4143, 4183, 4213, 4483

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

e one of the following emphases outside PSYC:

rs of upper-division courses from:

T, ANTH, ART\*, BCOM, CDIS, ECON, EEE, ENGL, EPSY, GEOG, GWST, S, HIST, LSB, MGMT, MKTG, MUSI\*, PHIL, POLS, REL, SOC, SPCH, TH\* and ign Language.

#### d Emphasis:

rs of upper-division courses from:

N 3213, 3523

S 3453, 3613, 4423, 4433, 4473

S 3414, 3503, 3513, 3523, 4693

3523, 3823, 4023, 4333, 4850, 4950, 4990

#### ss Emphasis:

rs of upper-division courses from:

DM, EEE, LSB, MGMT, MKTG

performance, studio art and applied theatre are not permitted.

#### **ELECTIVES: 7 HOURS**

s 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.

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<u>Upper-Division Credit:</u> Total hours must include at least <u>48 hours</u> 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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### OKLAHOMA STATE UNIVERSITY

General Requirements for Students Matriculating in Academic Year 2011-2012

**BACHELOR of ARTS** 

MAJOR: Russian Language and Literature

Minimum Overall Grade Point Average: 2.00 Total Hours: 121

(cumulative graduation/retention GPA)

Other GPA requirements see below.

GENERAL EDUCA	TION REQ	QUIREMENTS: 40 HOURS	MAJOR REQUIREMENTS: 40 HOURS
Area	Hours	To be selected from:	Minimum GPA <u>2.50</u> in lower-division Russian courses and <u>2.50</u> in upper-division
English Composition & Oral Communication	6	ENGL 1113 or 1313; & 1213 or 1413 or 3323 (See Academic Regulation 3.5 in Catalog)	Russian courses with minimum grade of "C" in each course.  RUSS 2115, 2225; or equivalent proficiency
American History & Government	6	HIST 1103; POLS 1113	RUSS 3113, 3123, 3223, 4223
Analytical & Quantitative Thought (A)	6	MATH 1483 or 1493 or 1513; and 3 hours designated (A)	RUSS 4013, 4023, (required literature courses)
Humanities (H)	6	Courses designated (H)	3 hours from:  RUSS 3003 FLL 3500 (1-20 hours)
Natural Sciences (N)	8	Courses designated (N)	3053 4000 (1-9 hours) 4113 4123
Social & Behavioral Sciences (S)	6	Courses designated (S)	The remaining hours may be taken from related fields, such as:
Diversity (D)		Course designated (D) (see note 1.b.)	GEOG 3733 HIST 3153, 3163, 3203
International Dimension (I)		Course designated (I) (see note 1.b.)	POLS 3003, 3123
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/Depart	MENTAL R	REQUIREMENTS: 23 HOURS	
Orientation	1	A&S 1111 (transfer students with 15 hours exempt)	
Arts & Humanities	9	(see note 2.a.)	ELECTIVES: 18 HOURS
Natural & Mathematical Sciences	3	(see note 2.b.)	All of these may need to be upper-division.
Foreign Languages	10	(see note 3.)	
Non-Western Studies		(see notes 1.b. & 2.c.)	

<u>Upper-Division Gen Ed:</u> 6 hours outside major prefix.

<u>Upper-Division Credit:</u> Total hours must include at least <u>48 hours</u> 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.

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### OKLAHOMA STATE UNIVERSITY

General Requirements for Students Matriculating in Academic Year 2011-2012

**BACHELOR of ARTS** 

**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		QUIREMENTS: 40 HOURS	MAJOR REQUIREMENTS: 45 HOURS
Area	Hours	To be selected from:	Minimum GPA <u>2.50</u>
English Composition & Oral Communication	6	ENGL 1113 or 1313; & 1213 or 1413 or 3323 (See Academic Regulation 3.5 in Catalog)	Minimum GPA in all SOC/ANTH courses <u>2.50</u> with a minimum grade of "C" in all SOC/ANTH courses.
American History & Government	6	HIST 1103; POLS 1113	Minimum 30 hours of courses with SOC/ANTH prefix.  SOC 1113
Analytical & Quantitative Thought (A)	6	MATH 1483 or 1513; and 3 hours designated (A)	2123 (or ANTH 3353) 3113 4133
Humanities (H)	6	Courses designated (H)	4243 4663
Natural Sciences (N)	8	Courses designated (N)	3 hours from: SOC 3133 4043
Social & Behavioral Sciences (S)	6	Courses designated (S)	4383 4643
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/Departs	MENTAL R	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.)	

<u>Upper-Division Gen Ed:</u> 6 hours outside major prefix.

<u>Upper-Division Credit:</u> Total hours must include at least <u>48 hours</u> 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.

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### OKLAHOMA STATE UNIVERSITY

General Requirements for Students Matriculating in Academic Year 2011-2012

**BACHELOR of ARTS** 

**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		QUIREMENTS: 40 HOURS	MAJOR REQUIREMENTS: 45 HOURS
Area	Hours	To be selected from:	Minimum GPA 2.50
English Composition & Oral Communication	6	ENGL 1113 or 1313; & 1213 or 1413 or 3323 (See Academic Regulation 3.5 in Catalog)	Minimum GPA in all SOC/ANTH courses <u>2.50</u> with a minimum grade of "C" in all SOC/ANTH courses.
American History & Government	6	HIST 1103; POLS 1113	Minimum 30 hours of courses with SOC/ANTH prefix.  ANTH 2353
Analytical & Quantitative Thought (A)	6	MATH 1483 or 1513; and 3 hours designated (A)	ANTH 3353 SOC 1113 SOC 3113
Humanities (H)	6	Courses designated (H)	SOC 4133 SOC 4243
Natural Sciences (N)	8	Courses designated (N)	SOC 4663
Social & Behavioral Sciences (S)	6	Courses designated (S)	6 hours upper-division SOC 6 hours upper-division ANTH
Diversity (D)		Course designated (D) (see note 1.b.)	12 hours upper-division related courses from:
International Dimension (I)		Course designated (I) (see note 1.b.)	ART 3733, 4603, 4763 GEOG 3243, 3713, 3783, 4333, 4353
Scientific Investigation (L)		Course designated (L) (see note 1.b.)	HIST 3013, 3023, 3133, 3443, 3453, 3463, 3503, 3513, 3543, 3553, 3763, 3793
Controlled Electives	2	Any course with a GE designation in any of the above areas	MUSI 3573, 3583 PHIL 3943 REL 3573
COLLEGE/DEPART	MENTAL R	REQUIREMENTS: 23 HOURS	SOC 3133, 4433, 4443, 4453, 4990 ZOOL 3113, 3123
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 1, 2 & 3 on back of degree sheet

<u>Upper-Division Gen Ed:</u> 6 hours outside major prefix.

<u>Upper-Division Credit:</u> Total hours must include at least <u>48 hours</u> 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.

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### OKLAHOMA STATE UNIVERSITY

**General Requirements for Students Matriculating in Academic Year 2011-2012** 

**BACHELOR of ARTS** 

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		QUIREMENTS: 40 HOURS	MAJOR REQUIREMENTS: 51 HOURS
Area	Hours	To be selected from:	Minimum GPA <u>2.50</u>
English Composition & Oral Communication	6	ENGL 1113 or 1313; & 1213 or 1413 or 3323 (See Academic Regulation 3.5 in Catalog)	Minimum GPA in all SOC/ANTH courses <u>2.50</u> with a minimum grade of "C" in all SOC/ANTH courses.
American History & Government	6	HIST 1103; POLS 1113	SOC 1113; 2123 or ANTH 3353 SOC 3113, 3952, 4133, 4850 (4 hours) 3 hours from: SOC 3133, 4043, 4383, 4643
Analytical & Quantitative Thought (A)	6	MATH 1483 or 1513; and 3 hours designated (A)	SOC 4243 SOC 4663
Humanities (H)	6	Courses designated (H)	Choose one of the following emphases:
Natural Sciences (N)	8	Courses designated (N)	Law, Crime and Social Justice SOC 3523, 4033, 4333, 4443, 4923
Social & Behavioral Sciences (S)	6	Courses designated (S)	9 hours from: SOC 3133, 3223, 3323, 4213, 4723, EPSY 3213, HDFS 3423, 3453, HHP 3913, PHIL 3843, POLS 3983, PSYC 3443, 4133, 4143
Diversity (D)		Course designated (D) (see note 1.b.)	Environment and Society SOC 4433, 4453, 4463, 4533
International Dimension (I)		Course designated (I) (see note 1.b.)	12 hours from: SOC 3323, 4323, 4513, 4623, AGEC 4503, ECON 4913, GEOG 312 3153, 4123, HIST 4063, 4503, POLS 4363, 4593, PSYC 4213
Scientific Investigation (L)		Course designated (L) (see note 1.b.)	Social Services   SOC 3223, 4343, 4723, HDFS 3523
Controlled Electives	2	Any course with a GE designation in any of the above areas	12 hours from: SOC 3133, 4043, 4623, ECON 3523, HDFS 3423, 3443, 3453, 4423 HHP 3613, 3913, 4433, PSYC 4133
College/Departi	MENTAL R	PEQUIREMENTS: 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.)	ELECTIVES: 7 HOURS
Non-Western Studies		(see notes 1.b. & 2.c.)	3 hours may need to be upper-division.

Other Requirements: See notes 1, 2 & 3 on back of degree sheet

<u>Upper-Division Gen Ed:</u> 6 hours outside major prefix.

<u>Upper-Division Credit:</u> Total hours must include at least <u>48 hours</u> 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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### OKLAHOMA STATE UNIVERSITY

**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		QUIREMENTS: 40 HOURS	MAJOR REQUIREMENTS: 40 HOURS	
Area English Composition & Oral Communication	Hours 6	To be selected from:  ENGL 1113 or 1313; & 1213 or 1413 or 3323 (See Academic Regulation 3.5 in Catalog)	Minimum GPA <u>2.50</u> in lower-division Spanish courses and <u>2.50</u> in upper-division Spanish courses with a minimum grade of "C" in each course.	
American History & Government	6	HIST 1103; POLS 1113	SPAN 2115, 2233, 2232; or equivalent proficiency SPAN 3013, 3023 or 3033; 3213; 4323 or 4333	
Analytical & Quantitative Thought (A)	6	MATH 1483 or 1493 or 1513; and 3 hours designated (A)	12 or more hours of Spanish, of which at least 6 hours must be literature courses*, from SPAN 3203 SPAN *4253 3463 *4263	
Humanities (H)	6	Courses designated (H)	*4123 4413 *4133 4550 (1-9 hours)	
Natural Sciences (N)	8	Courses designated (N)	*4163 5110 (1-9 hours)  *4173 FLL 3500 (1-20 hours)  *4023 4000 (4.0 hours)	
Social & Behavioral Sciences (S)	6	Courses designated (S)	*4223 4000 (1-9 hours) 5210 (1-9 hours)	
Diversity (D)	-	Course designated (D) (see note 1.b.)	The remaining hours may be taken from related fields, such as:  GEOG 3723, 3743	
International Dimension (I)	-	Course designated (I) (see note 1.b.)	HIST 3453, 3463 POLS 3193	
Scientific Investigation (L)		Course designated (L) (see note 1.b.)	Students completing Teacher Education requirements may include professional	
Controlled Electives	2	Any course with a GE designation in any of the above areas	education courses.	
College/Depart	MENTAL R	REQUIREMENTS: 23 HOURS		
Orientation	1	A&S 1111 (transfer students with 15 hours exempt)		
Arts & Humanities	9	(see note 2.a.)	ELECTIVES: 18 HOURS	
Natural & Mathematical Sciences	3	(see note 2.b.)	All of these may need to be upper-division.	
Foreign Languages	10	(see note 3.)		
Non-Western Studies	-	(see notes 1.b. & 2.c.)		

Other Requirements: See notes 1, 2 & 3 on back of degree sheet

<u>Upper-Division Gen Ed:</u> 6 hours outside major prefix.

DEAN

<u>Upper-Division Credit:</u> Total hours must include at least <u>48 hours</u> 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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#### OKLAHOMA STATE UNIVERSITY

**General Requirements for Students Matriculating in Academic Year 2011-2012** 

**BACHELOR of ARTS** 

**MAJOR: Sports Media** 

Minimum Overall Grade Point Average: 2.00 Total Hours: 125

(cumulative graduation/retention GPA)

Other GPA requirements see below.

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/Depart	MENTAL R	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, 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
- 8. 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.

<u>Upper-Division Credit:</u> Total hours must include at least <u>48 hours</u> 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.

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### OKLAHOMA STATE UNIVERSITY

**General Requirements for Students Matriculating in Academic Year 2011-2012** 

**BACHELOR of ARTS** 

**MAJOR: Strategic Communication** 

Minimum Overall Grade Point Average: 2.00 Total Hours: 125

(cumulative graduation/retention GPA)

Other GPA requirements see below.

GENERAL EDUCATION REQUIREMENTS: 41 HOURS			MAJOR REQUIREMENTS: 57 HOURS
Area	Hours	To be selected from:	Minimum 2.50 GPA in JB/MC/MMJ/SC/SPM prefix courses and in Major Requirements
English Composition & Oral Communication	6	ENGL 1113 or 1313; & 1213 or 1413 or 3323 (See Academic Regulation 3.5 in Catalog)	with a minimum grade of "C" in each course.  MC 2003 SC 2013 or 2183 2023 3353
American History & Government	6	HIST 1103; POLS 1113	4143 3383 4163 3753
Analytical & Quantitative Thought (A)	6	MATH 1483 or 1513; and STAT 2013 or 2053	3953 4013 4843 or 4980
Humanities (H)	6	Courses designated (H)	SC 3603 or 4493
Natural Sciences (N)	8	Courses designated (N)	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
Social & Behavioral Sciences (S)	6	ECON 1113 or 2103; MC 1143	
Diversity (D)		Course designated (D) (see note 1.b.)	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
International Dimension (I)		Course designated (I) (see note 1.b.)	4253 requires declaration of major, completion of MC 2003 with a "C" or better, and a passing grade on the Language Proficiency Exam.
Scientific Investigation (L)		Course designated (L) (see note 1.b.)	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
Controlled Electives	3	SPCH 2713	JB/MC/MMJ/SC/SPM can be transferred from other institutions.
COLLEGE/DEPARTMENTAL REQUIREMENTS: 23 HOURS		PEQUIREMENTS: 23 HOURS	Students are required to develop and maintain a portfolio exhibiting specific and appropriate work including required class assignments.
Orientation	1	A&S 1111 (transfer students with 15 hours exempt)	
Arts & Humanities	9	(see note 2.a.)	ELECTIVES: 4 HOURS
Natural & Mathematical Sciences	3	(see note 2.b.)	Hours selected may need to be in traditional liberal arts.  3 hours may need to be upper-division
Foreign Languages	10	(see note 3.)	3 nours may need to be apper-division
Non-Western Studies		(see notes 1.b. & 2.c.)	

Other Requirements: See notes 1, 2 & 3 on back of degree sheet

<u>Upper-Division Gen Ed:</u> 6 hours outside major prefix.

<u>Upper-Division Credit:</u> Total hours must include at least <u>48 hours</u> 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.

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### OKLAHOMA STATE UNIVERSITY

General Requirements for Students Matriculating in Academic Year 2011-2012

**BACHELOR of ARTS** 

**MAJOR: Theatre** 

Minimum Overall Grade Point Average: 2.00 Total Hours: 120

(cumulative graduation/retention GPA)

Other GPA requirements see below.

GENERAL EDUCATION REQUIREMENTS: 40 HOURS			MAJOR REQUIREMENTS: 48 HOURS
Area	Hours	To be selected from:	.     Minimum GPA 2 <u>.50</u>
English Composition & Oral Communication	6	ENGL 1113 or 1313; & 1213 or 1413 or 3323 (See Academic Regulation 3.5 in Catalog)	TH 1323 1663
American History & Government	6	HIST 1103; POLS 1113	1673 2563
Analytical & Quantitative Thought (A)	6	MATH 1483 or 1493 or 1513; and 3 hours designated (A)	Choose 2 courses from: TH 3923, 3933, 3943
Humanities (H)	6	Courses designated (H)	6 hours total from: TH 1500 (at least 2 hours), 3500
Natural Sciences (N)	8	Courses designated (N)	Choose 21 hours from among the following: (At least two categories must be represented)
Social & Behavioral Sciences (S)	6	Courses designated (S)	Theatre Performance: TH 2213, 2633, 2323, 3373, 3400, 3412, 3433, 3442, 3432, 3452, 3530, 4383, 4393, 4753, 4853, 4953
Diversity (D)		Course designated (D) (see note 1.b.)	Theatre Design/Technology: TH 2553, 3400, 3630, 3903, 3971, 4183, 4223, 4593, 4653, 4663, 4673, 4683, 4963, 4973, 4983
International Dimension (I)		Course designated (I) (see note 1.b.)	
Scientific Investigation (L)		Course designated (L) (see note 1.b.)	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
Controlled Electives	2	Any course with a GE designation in any of the above areas	Choose one course from: TH 4403, 4563, 4853**, 4953**
College/Depart	COLLEGE/DEPARTMENTAL REQUIREMENTS: 23 HOURS		(**if not used in Theatre-Performance category)
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.)	ELECTIVES: 9 HOURS  All electives plus 6 hours general education or college/departmental requirements, in
Natural & Mathematical Sciences	3	(see note 2.b.)	addition to the required upper-division Arts and Humanities, may need to be upper-division.
Foreign Languages	10	(see note 3.)	
Non-Western Studies		(see notes 1.b. & 2.c.)	

Other Requirements: See notes 1, 2 & 3 on back of degree sheet

<u>Upper-Division Gen Ed:</u> 6 hours outside major prefix.

<u>Upper-Division Credit:</u> Total hours must include at least <u>48 hours</u> 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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### OKLAHOMA STATE UNIVERSITY

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			MAJOR REQUIREMENTS: 63 HOURS
Area	Hours	To be selected from:	Minimum GPA in all ART courses 2.75 with a minimum grade of "C" in all ART courses.
English Composition & Oral Communication	6	ENGL 1113 or 1313; & 1213 or 1413 or 3323 (See Academic Regulation 3.5 in Catalog)	Core Curriculum  ART 1103
American History & Government	6	HIST 1103; POLS 1113	1113 1303 2603 and 2613
Analytical & Quantitative Thought (A)	6	MATH 1483 or 1493 or 1513; and 3 hours designated (A); or MATH 1715	Lower-division Professional Sequence 2.75 GPA required to take courses below:  ART 2403
Humanities (H)	6	Courses designated (H)	2413 2423
Natural Sciences (N)	8	Courses designated (N)	6 hours lower- or upper-division Studio Art.  12 hours upper-division Studio Art or career-related areas.
Social & Behavioral Sciences (S)	6	Courses designated (S)	Upper-division Professional Sequence Proficiency review required to take courses below:
Diversity (D)		Course designated (D) (see note 1.b.)	ART 3403 or 3423 3413 or 2113 3443
International Dimension (I)		Course designated (I) (see note 1.b.)	9 hours from: 4420 (3-6 hours)
Scientific Investigation (L)		Course designated (L) (see note 1.b.)	4430 (3-6 hours) 4450 (3-6 hours) ART 4493
Controlled Electives	2	Any course with a GE designation in any of the above areas	
COLLEGE/DEPART	MENTAL R	REQUIREMENTS: 10 HOURS	ELECTIVES: 7 HOURS
Orientation	1	A&S 1111 (transfer students with 15 hours exempt)	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.
Arts & Humanities	9	ART 3683; 3 hours upper-division Art History; 3 additional hours (see note 2.a.)	
Non-Western Studies		(see notes 1.b. & 2.c.)	

Other Requirements: See notes 1, 2 & 3 on back of degree sheet Foreign Language Proficiency: See note 3 on back of sheet.

<u>Upper-Division Gen Ed:</u> 6 hours outside major prefix.

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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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### OKLAHOMA STATE UNIVERSITY

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.

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.)
nternational 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/Departm	MENTAL R	PEQUIREMENTS: 10 HOURS
Orientation	1	A&S 1111 (transfer students with 15 hours exempt)
Arts & Humanities	9	ART 3683; 3 hours upper-division Art History; 3 additional hours (see note 2.a.)
Non-Western Studies		(see notes 1.b. & 2.c.)

#### **MAJOR REQUIREMENTS: 66 HOURS**

Minimum GPA in all ART courses 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.

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### OKLAHOMA STATE UNIVERSITY

**General Requirements for Students Matriculating in Academic Year 2011-2012** 

**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			Major Requirements: 79 Hours
Area	Hours	To be selected from:	Minimum <u>2.50</u> GPA in all Music and Business courses with a minimum grade of "C' in each Music and Business course.
English Composition & Oral Communication	6	ENGL 1113 or 1313; & 1213 or 1413 or 3323 (See Academic Regulation 3.5 in Catalog)	each music and Business course.  MUSI 1531, 1533, 1541, 1543, 1623, 2551, 2553, 2561, 2563
American History & Government	6	HIST 1103; POLS 1113	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
Analytical & Quantitative Thought (A)	6	MATH 1483 or 1513; and STAT 2013	6 hours ACCT 2103, ECON 2203 MUSI 3592, 3712, 3763, 3783, 3873, 4972
Humanities (H)	6	MUSI 3753 and 3 hours designated (A)	4 hours from upper-division Applied Major Music Lessons (to include at least 1 hour at the 4000 level)
Natural Sciences (N)	8	Courses designated (N)	Instrumental and Voice Majors: 4 hours upper-division large ensemble from MUSI 3610, 3620 or 3630
Social & Behavioral Sciences (S)	6	ECON 2103 and 3 hours designated (S)	Keyboard Majors:  2 hours upper-division large or chamber ensemble from MUSI 3610, 3620, 3630 or 4600  2 hours collaborative piano, MUSI 4600
Diversity (D)		Course designated (D) (see note 1.b.)	LSB 3213
International Dimension (I)		Course designated (I) (see note 1.b.)	MGMT 3013, 3313 MKTG 3213 MSIS 2103
Scientific Investigation (L)	-	Course designated (L) (see note 1.b.)	MUSI 4100 Internship (6 hours)
Controlled Electives	2	Any course with a GE designation in any of the above areas	All Music Majors must successfully complete an entrance audition, upper-division theory examination, keyboard proficiency examination, and six semesters of MUSI 0500 Recita Attendance.
College/Depar	TMENTAL	REQUIREMENTS: 1 HOUR	
Orientation	1	A&S 1111 (transfer students with 15 hours exempt)	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.

<u>Upper-Division Gen Ed:</u> 6 hours outside major prefix.

<u>Upper-Division Credit:</u> Total hours must include at least <u>48 hours</u> in courses numbered 3000 or above.

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### OKLAHOMA STATE UNIVERSITY

General Requirements for Students Matriculating in Academic Year 2011-2012

Total Hours: Vocal-133 Keyboard/Instrumental-128

**BACHELOR of MUSIC** 

MAJOR: Music OPTION: Performance

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

Other GPA requirements see below.

GENERAL EDUCA	TION REQ	QUIREMENTS: 40 HOURS	Major Requirements
Area	Hours	To be selected from:	Vocal: 92 Hours
	+		KEYBOARD/INSTRUMENTAL: 87 HOURS
English Composition & Oral Communication	6	ENGL 1113 or 1313; & 1213 or 1413 or 3323 (See Academic Regulation 3.5 in Catalog)	Minimum 2.50 GPA in all Music courses with a minimum grade of "C' in each course.
			MUSI 1531, 1533, 1541, 1543, 2551, 2553, 2561, 2563  12 hours lower-division Applied Major Music Lessons
American History & Government	6	HIST 1103; POLS 1113	2 hours Applied Minor Music Lessons 4 hours lower-division large ensemble from MUSI 2610, 2620 or 2630
			10 hours Foreign Language (15 hours from no more than 2 foreign languages required
Analytical & Quantitative Thought (A)	6	MATH 1483 or 1493 or 1513; and 3 hours designated (A)	for vocal students) MUSI 3712, 3763, 3783, 3873, 4972
			16 hours from upper-division Applied Major Music Lessons (14 hours Applied Lessons and MUSI 3901 and 4901; must include at least 3 hours at the 4000 level)
Humanities (H)	6	MUSI 3753 and 3 hours designated (H)	14 upper-division hours from one group below:
			14 upper-unvision nouts from one group below.   Keyboard
Natural Sciences (N)	8	Courses designated (N)	MUSI 4840 4 hours
			MUSI 4890 4 hours
Social & Behavioral Sciences (S)	6	Courses designated (S)	MUSI 4600 4 hours (2 hours collaborative piano; 2 hours chamber ensemble) MUSI 3722, 3772, or 2 hours of any non-major applied lessons
Coolai a Bollaviolai Cololicos (C)		Courses designated (e)	Instrumental
D: (D)			MUSI 4840 2 hours
Diversity (D)		Course designated (D) (see note 1.b.)	MUSI 4890 2 hours  Ensemble 8 hours including at least 2 hours of Chamber Music
			MUSI 3722, 3772, or 2 hours of any non-major applied lessons
International Dimension (I)		Course designated (I) (see note 1.b.)	Vocal
			MUSI 4890 2 hours Diction/Literature MUSI 3642, 3652, 3662
Scientific Investigation (L)	-	Course designated (L) (see note 1.b.)	Ensemble 6 hours including at least one hour of Chamber Music
			All Music Majors must successfully complete an entrance audition, upper-division theory
Controlled Electives	2	Any course with a GE designation in any of the above areas	examination, keyboard proficiency examination, and six semesters of MUSI 0500 Recital Attendance, and must enroll in piano until they have successfully completed the piano proficiency examination.
COLLEGE/DEPAR'	 TMFNTAI	 REQUIREMENTS: 1 HOUR	
O D D D D D D D D D D D D D D D D D D D			ELECTIVES: 0 HOURS
Orientation	1	A&S 1111 (transfer students with 15 hours exempt)	2 hours general education requirements, in addition to MUSI 3753, must be upper- division 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.

DEAN

<u>Upper-Division Credit:</u> Total hours must include at least <u>48 hours</u> 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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### OKLAHOMA STATE UNIVERSITY

General Requirements for Students Matriculating in Academic Year 2011-2012

**BACHELOR of MUSIC** 

MAJOR: Music Education OPTION: Instrumental/Vocal Certification

Minimum Overall Grade Point Average: 2.50 Total Hours: 128

(cumulative graduation/retention GPA)

Other GPA requirements see below.

GENERAL EDUCATION REQUIREMENTS: 41 HOURS			Major Requirements 86 Hours
Area	Hours	To be selected from:	Minimum 2.50 GPA in all Music and Professional Education courses with a minimum grade of "C' in each course.
English Composition & Oral Communication	6	ENGL 1113 or 1313; & 1213 or 1413 or 3323 (See Academic Regulation 3.5 in Catalog)	Lower Division: 28 hours  MUSI 1531, 1533, 1541, 1543, 2551, 2553, 2561, 2563  8 hours lower-division Applied Major Music Lessons
American History & Government	6	HIST 1103; POLS 1113	4 hours lower-division Major Music Organization <u>Upper-Division</u> : 22 hours
Analytical & Quantitative Thought (A)	6	MATH 1483 or 1493 or 1513; and 3 hours designated (A)	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)
Humanities (H)	6	MUSI 3753 and 3 upper-division hours	Professional Education: 19 hours EPSY 3413, SPED 3202 MUSI 2722, 2832, 3631, 3743, 4940 (6 hours)
		designated (H)	Certification: Choose Instrumental or Vocal
Natural Sciences (N)	8	Courses designated (N)	Instrumental: 17 hours 2 hours Piano 7 hours Instrumental Techniques Classes
Social & Behavioral Sciences (S)	6	PSYC 1113 and 3 upper-division hours designated (S)	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
Diversity (D)	-	Course designated (D) (see note 1.b.)	Vocal/Keyboard: 17 hours 3 hours lower-division Minor Music Lesson Field MUSI 1631, 2842, 3732, 4842, 4890 (2 hours)
International Dimension (I)		Course designated (I) (see note 1.b.)	Keyboard: MUSI 3130 (2 hours)  MUSI 4600 3 hours (2 hours collaborative piano; 1 hour chamber ensemble)  Vocal: MUSI 3022
Scientific Investigation (L)		Course designated (L) (see note 1.b.)	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 Recitations.
Controlled Electives	3	SPCH 2713	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.
College/Depar	TMENTAL	REQUIREMENTS: 1 HOUR	The state of the transferring bearing death fall software, except write state of teaching.
Orientation	1	A&S 1111 (transfer students with 15 hours exempt)	ELECTIVES: 0 HOURS

Foreign Language Proficiency: See note 3 on back of sheet.

<u>Upper-Division Gen Ed:</u> 6 hours outside major prefix.

<u>Upper-Division Credit:</u> Total hours must include at least <u>48 hours</u> in courses numbered 3000 or above.

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### OKLAHOMA STATE UNIVERSITY

**General Requirements for Students Matriculating in Academic Year 2011-2012** 

**BACHELOR of SCIENCE** 

**MAJOR: Biochemistry** 

Minimum Overall Grade Point Average: 2.00 Total Hours: 120

(cumulative graduation/retention GPA)

Other GPA requirements see below.

GENERAL EDUCATION REQUIREMENTS: 42 HOURS		QUIREMENTS: 42 Hours	MAJOR REQUIREMENTS: 42 HOURS
Area	Hours	To be selected from:	Minimum GPA 2.00. Minimum GPA in BIOC courses 2.00.
English Composition & Oral	6	ENGL 1113 or 1313; & 1213 or 1413 or	BIOC 3713, 3723, 3813, 4224 (or CHEM 3433), 4883, 4990 (2 hours)
Communication		3323 (See Academic Regulation 3.5 in Catalog)	BIOL 3023 (or ANSI 3423 or PLNT 3554)  CHEM 2113, 3053, 3112, 3153
American History & Government	6	HIST 1103; POLS 1113	At least one course from: BOT 3463, ENTO 3044, ZOOL 3204, ZOOL 4215
Analytical & Quantitative Thought (A)	7	MATH 2144 & 2153	Hours from the following or related courses to total 42 hours:  ANSI 3543  PLOC \$4000 (4.2 hours) 2404 2200 (4.5 hours) \$4000 (4.6 hours) 5753
Humanities (H)	6	Courses designated (H)	BIOC *1990 (1-2 hours), 2101, 2200 (1-6-hours), *4990 (1-8 hours), 5753, 5853 BIOL 3034
Natural Sciences (N)	8	CHEM 1314; PHYS 1114 or 2014	BOT 3462 CHEM 2122, 3353, 3532, 3553, 4020 (1-5 hours), 4320 (1-3 hours) ENTO 4854
Social & Behavioral Sciences (S)	6	Courses designated (S)	MATH 2163, 2233, 3013 MICR 3143, 3154, 3223, 3253, 4012, 4112, 4123, 4133, 4134, 4203, 4214, 4233, 4253, 4263, 4323, 4353, 4423
Diversity (D)		Course designated (D) (see note 1.b.)	NSCI 4323 PHYS 4313
International Dimension (I)		Course designated (I) (see note 1.b.)	STAT 4013 ZOOL 2104, 3114, 4133, 4134, 4223, 4273, 4283, 4293, 4303, 4503
Scientific Investigation (L)		Course designated (L) (see note 1.b.)	With approval from the adviser and department head, maximum of 30 hours of scien courses from an accredited doctoral health program may be substituted for major
Controlled Electives	3	SPCH 2713	requirements other than BIOC 3713, 3723, 3813.
College/Depart	MENTAL R	REQUIREMENTS: 26 HOURS	*total from BIOC 1990 & 4990 may not exceed 10 hours.
Orientation	1	A&S 1111 (transfer students with 15 hours exempt)	
Arts and Humanities	3		ELECTIVES: 10 HOURS
		(see note 2.a.)	All electives plus 7 hours general education or college/departmental requirements m need to be upper-division.
Natural & Mathematical Sciences	22	BIOL 1114, CHEM 1515, MICR 2123, 2132, PHYS 1214 or 2114, ZOOL 1604 (or BOT 1404)	

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.

DEAN

<u>Upper-Division Credit:</u> Total hours must include at least <u>48 hours</u> 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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### OKLAHOMA STATE UNIVERSITY

**General Requirements for Students Matriculating in Academic Year 2011-2012** 

**BACHELOR of SCIENCE** 

**MAJOR: Biological Science** 

Minimum Overall Grade Point Average: 2.00 Total Hours: 124

(cumulative graduation/retention GPA)

Other GPA requirements see below.

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 Requirem	nents that m	ay be used to meet GE Requirements.
COLLEGE/DEPART	MENTAL R	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: 56 HOURS

Minimum GPA 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.

<u>Upper-Division Credit:</u> Total hours must include at least <u>48 hours</u> 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.

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### OKLAHOMA STATE UNIVERSITY

**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.

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	BIOL 1114; PHYS 1114*	
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 Requirem	nents that m	ay be used to meet GE Requirements.	
College/Departm	MENTAL R	REQUIREMENTS: 13 HOURS	
Orientation	1	A&S 1111 (transfer students with 15 hours exempt)	
Arts and Humanities	3	Any upper-division course from ART, MUSI, TH or courses designated (H)	
Natural & Mathematical Sciences	9	CHEM 1314, 1515	

MAJOR REQUIREMENTS: 52 Hours	MAIOR	REOUIREMENTS	: 52 Hours
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Minimum GPA  $\underline{2.00}$  in Major Requirements with a minimum grade of "C" in upper-division 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
GFOL	

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.

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### OKLAHOMA STATE UNIVERSITY

General Requirements for Students Matriculating in Academic Year 2011-2012

**BACHELOR of SCIENCE** 

MAJOR: Chemistry (Approved by the American Chemical Society)

Minimum Overall Grade Point Average: 2.00 Total Hours: 120

(cumulative graduation/retention GPA)

Other GPA requirements see below.

GENERAL EDUCA	TION REQ	QUIREMENTS: 42 HOURS	Major Requirements: 53 Hours
Area	Hours	To be selected from:	Minimum GPA <u>2.50</u> . Minimum grade of "C" in each course in Chemistry numbered 200 or above.
English Composition & Oral Communication	6	ENGL 1113 or 1313; & 1213 or 1413 or 3323 (See Academic Regulation 3.5 in Catalog)	CHEM 2113 2122
American History & Government	6	HIST 1103; POLS 1113	3053 3112 3153
Analytical & Quantitative Thought (A)	7	MATH 2144, 2153	3353 3433 3532
Humanities (H)	6	Courses designated (H)	3553 4020 (5 hours) 4320 (3 hours) 4990 (2 hours) 5260 (3 hours) BIOC 3653 MATH 2163, 2233, 3013
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.)	PHYS 2114 or 2414
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/Departm	MENTAL R	REQUIREMENTS: 13 HOURS	ELECTIVES: 12 HOURS
Orientation	1	A&S 1111 (transfer students with 15 hours exempt)	10 hours may need to be upper-division.
Arts and Humanities	3	(see note 2.a.)	Suggested courses: BIOL 3023, BOT 1404 or ZOOL 1604, CS 1113, ENSC 2213, MICR 2123, 2132
Natural & Mathematical Sciences	9	CHEM 1515; PHYS 2014 or 2314	

Foreign Language Proficiency: See note 3 on back of sheet.

Upper-Division Gen Ed: 6 hours outside major prefix.

<u>Upper-Division Credit:</u> Total hours must include at least <u>48 hours</u> 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.

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## OKLAHOMA STATE UNIVERSITY

**General Requirements for Students Matriculating in Academic Year 2011-2012** 

**BACHELOR of SCIENCE** 

MAJOR: Chemistry OPTION: Departmental Degree

Minimum Overall Grade Point Average: 2.00 Total Hours: 120

(cumulative graduation/retention GPA)

Other GPA requirements see below.

GENERAL EDUCA	TION REQ	QUIREMENTS: 42 HOURS	MAJOR REQUIREMENTS: 43 HOURS
Area	Hours	To be selected from:	Minimum GPA <u>2.00</u> .
English Composition & Oral Communication	6	ENGL 1113 or 1313; & 1213 or 1413 or 3323 (See Academic Regulation 3.5 in Catalog)	CHEM 2113 2122 3053 3112
American History & Government	6	HIST 1103; POLS 1113	3153 3353
Analytical & Quantitative Thought (A)	7	MATH 2144, 2153	3433 3553 4020 (5 hours) or 5260 (3 hours)
Humanities (H)	6	Courses designated (H)	4320 (3 hours) 4990 (2 hours) BIOC 3653
Natural Sciences (N)	8	BIOL 1114; CHEM 1314	MATH 2163  2233 or 3 upper-division hours from MATH or PHYS
Social & Behavioral Sciences (S)	6	Courses designated (S)	PHYS 2114 or 2414
Diversity (D)		Course designated (D) (see note 1.b.)	With approval from adviser and department head, a maximum of 30 hours from an
International Dimension (I)		Course designated (I) (see note 1.b.)	accredited doctoral health program may be used for up to 22 hours of electives. Up to 9 hours may be substituted for BIOC 3653, MATH 2233, CHEM 3553, 4320, 4990.
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/Depart	MENTAL R	EQUIREMENTS: 13 HOURS	ELECTIVES: 22 HOURS
Orientation	1	A&S 1111 (transfer students with 15 hours exempt)	20 hours may need to be upper-division.
Arts and Humanities	3	(see note 2.a.)	Suggested courses: BIOL 3023, BOT 1404 or ZOOL 1604, CS 1113, ENSC 2213, MICR 2123, 2132.
Natural & Mathematical Sciences	9	CHEM 1515; PHYS 2014 or 2314	

Other Requirements: See notes 1, 2 & 3 on back of degree sheet

Foreign Language Proficiency: See note 3 on back of sheet.

<u>Upper-Division Gen Ed:</u> 6 hours outside major prefix.

<u>Upper-Division Credit:</u> Total hours must include at least <u>48 hours</u> 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.

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## OKLAHOMA STATE UNIVERSITY

General Requirements for Students Matriculating in Academic Year 2011-2012

**BACHELOR of SCIENCE** 

**MAJOR: Communication Sciences and Disorders** 

Minimum Overall Grade Point Average: 2.00 Total Hours: 120

(cumulative graduation/retention GPA)

Other GPA requirements, see below.

GENERAL EDUCATION REQUIREMENTS: 41 HOURS			MAJOR REQUIREMENTS: 45 HOURS
Area	Hours	To be selected from:	Minimum GPA <u>2.75</u> with a minimum grade of "C" in CDIS courses.
English Composition & Oral Communication	6	ENGL 1113 or 1313; & 1213 or 1413 or 3323 (See Academic Regulation 3.5 in Catalog)	CDIS 3123, 3213, 3223, 3313, 4023, 4133, 4213, 4253, 4313, 4323, 4423,4433 EPSY 3413
American History & Government	6	HIST 1103; POLS 1113	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
Analytical & Quantitative Thought (A)	6	MATH 1513 or 1483; and STAT 2013 or 2053	3 hours from the following multicultural courses: ANTH 3353; CPSY 4443; ENGL 4093; HDFS 4793;
Humanities (H)	6	Courses designated (H)	PSYC 4133; SPCH 4753
Natural Sciences (N)	8	BIOL 1114 and 4 hours designated (N)	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
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/Departn	IENTAL R	REQUIREMENTS: 13 HOURS	ELECTIVES: 21 HOURS
Orientation	1	A&S 1111 (transfer students with 15 hours exempt)	6 hours may need to be upper-division.
Arts and Humanities	3	ENGL/FLL 2443, ENGL 4063, 4080 or 4093	Students who desire to meet Teacher Education requirements should elect the follow courses: PHIL 3713 or SCFD 3223 or 4123 or 4913 or 5883; SPED 3202 or 5633
Natural & Mathematical Sciences	9	BIOL 3223, PSYC 3073, ZOOL 3123 or 3204, or other natural or mathematical sciences courses (see note 2.b.)	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.

<u>Upper-Division Gen Ed:</u> 6 hours outside major prefix.

DEAN

<u>Upper-Division Credit:</u> Total hours must include at least <u>48 hours</u> 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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## OKLAHOMA STATE UNIVERSITY

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			Major Requirements: 54 Hours
Area	Hours	To be selected from:	Minimum GPA <u>2.50</u> with a minimum grade of "C" in each course.
English Composition & Oral Communication	6	ENGL 1113 or 1313; & 1213 or 1413 or 3323 (See Academic Regulation 3.5 in Catalog)	CS 2433 CS 3363, 3443, 3513, 3613, 3653 CS 4323, 4343, 4883 ENGL 3323 or BCOM 3113 or BCOM 3223 or SPCH 3723
American History & Government	6	HIST 1103; POLS 1113	MATH 2163, 3013
Analytical & Quantitative Thought (A)	7	CS 1113; MATH 2144	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:
Humanities (H)	6	Courses designated (H)	Business Computer Science (CS 4113 may not be used for this requirement) Engineering
Natural Sciences (N)	4	Course designated (N,L)	Geography (GEOG 3333, 4323, 4333, 4343, 4353)  Mathematics  Natural Sciences
Social & Behavioral Sciences (S)	6	Courses designated (S)	Statistics
Diversity (D)		Course designated (D) (see note 1.b.)	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
International Dimension (I)		Course designated (I) (see note 1.b.)	course and a minimum GPA of <u>2.50</u> .
Scientific Investigation (L)		Course designated (L) (see note 1.b.)	
Controlled Electives	3	SPCH 2713	
College/Depart	MENTAL R	REQUIREMENTS: 21 HOURS	
Orientation	1	A&S 1111 (transfer students with 15 hours exempt)	ELECTIVES: 7 HOURS
Arts and Humanities	3	(see note 2.a.)	Hours from upper- or lower-division courses to complete the required total.
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)	

Other Requirements: See notes 1, 2 & 3 on back of degree sheet

Foreign Language Proficiency: See note 3 on back of sheet.

<u>Upper-Division Gen Ed:</u> 6 hours outside major prefix.

<u>Upper-Division Credit:</u> Total hours must include at least <u>48 hours</u> 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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## OKLAHOMA STATE UNIVERSITY

General Requirements for Students Matriculating in Academic Year 2011-2012

**BACHELOR of SCIENCE** 

**MAJOR: Economics** 

Minimum Overall Grade Point Average: 2.00 Total Hours: 120

(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 2.00. Minimum GPA in ECON courses 2.00.
English Composition & Oral Communication	6	ENGL 1113 or 1313; & 1213 or 1413 or 3323 (See Academic Regulation 3.5 in Catalog)	Core Courses: ECON 2103, 2203, 3113, 3123
American History & Government	6	HIST 1103; POLS 1113	General: 33 hours 15 hours upper-division ECON 18 hours upper-division electives of which 3 must be outside of ECON*
Analytical & Quantitative Thought (A)	6	MATH 1513 or 1715; and STAT 2013 or 2023	Graduate Preparation: 33 hours  ECON 4213 and 12 additional hours upper-division ECON  MATH 3013
Humanities (H)	6	Courses designated (H)	STAT 3013 12 hours upper-division electives of which 3 must be outside of ECON.
Natural Sciences (N)	8	Courses designated (N)	Pre-Law Preparation: 33 hours ECON 3713, 4723
Social & Behavioral Sciences (S)	6	Courses designated (S)	ECON 9 hours upper-division PHIL 1313 POLS 3983
Diversity (D)		Course designated (D) (see note 1.b.)	POLS 2023 or 4963 or 4983 or SPCH 4733  9 hours upper-division electives of which 3 must be outside of ECON
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	ELECTIVES: 22* HOURS  General: CS 1103 and STAT 3013 are recommended. 9 hours may need to be upper
College/Depart	MENTAL R	REQUIREMENTS: 13 HOURS	division. <u>Graduate Preparation:</u> MATH 2144, 2153 and 2163 are required. 9 hours may need to be upper-division.
Orientation	1	A&S 1111 (transfer students with 15 hours exempt)	Pre-Law Preparation: 15 hours may need to be upper-division.
Arts and Humanities	3	(see note 2.a.)	*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
Natural & Mathematical Sciences	9	MATH 2103 and 6 additional hours (see note 2.b.)	program among these 40 hours.

 $\underline{ \hbox{Foreign Language Proficiency:} } \ \hbox{See note 3 on back of sheet}.$ 

Upper-Division Gen Ed: 6 hours outside major prefix.

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<u>Upper-Division Credit:</u> Total hours must include at least <u>48 hours</u> 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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## OKLAHOMA STATE UNIVERSITY

General Requirements for Students Matriculating in Academic Year 2011-2012

**BACHELOR of SCIENCE** 

**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			MAJOR REQUIREMENTS: 45 HOURS
Area	Hours	To be selected from:	Minimum GPA <u>2.50</u> .
English Composition & Oral Communication	6	ENGL 1113 or 1313; & 1213 or 1413 or 3323 (See Academic Regulation 3.5 in Catalog)	GEOG 1113 or 2253 2343 3333
American History & Government	6	HIST 1103; POLS 1113	4313 4323
Analytical & Quantitative Thought (A)	6	MATH 1483 or 1513; and STAT 2013 or 2023 or 2053	4333 or 4343 or 4353 21 hours GEOG (18 hours must be upper-division)*
Humanities (H)	6	Courses designated (H)	6 hours upper-division (non-GEOG) departmental approved related courses*
Natural Sciences (N)	8	Courses designated (N)	* With approval from the adviser and department head, a maximum of 30 hours from an
Social & Behavioral Sciences (S)	6	Courses designated (S)	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
Diversity (D)		Course designated (D) (see note 1.b.)	21 hours GEOG.
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)	ELECTIVES: 21 HOURS  12 hours may need to be upper-division.
Arts and Humanities	3	(see note 2.a.)	
Natural & Mathematical Sciences	9	GEOG 1114 and 5 additional hours (see note 2.b.)	

Other Requirements: See notes 1, 2 & 3 on back of degree sheet

Foreign Language Proficiency: See note 3 on back of sheet.

<u>Upper-Division Gen Ed:</u> 6 hours outside major prefix.

<u>Upper-Division Credit:</u> Total hours must include at least <u>48 hours</u> 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.

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## OKLAHOMA STATE UNIVERSITY

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			MAJOR REQUIREMENTS: 48 HOURS
Area	Hours	To be selected from:	Minimum grade of "C" in all Geology courses.
English Composition & Oral Communication	6	ENGL 1113 or 1313; & 1213 or 1413 or 3323 (See Academic Regulation 3.5 in Catalog)	Core Curriculum: GEOL 1114 1224
American History & Government	6	HIST 1103; POLS 1113	2254 2364
Analytical & Quantitative Thought (A)	7	MATH 2144, 2153	3014 3034 3546
Humanities (H)	6	Courses designated (H)	Choose one of the following: Environmental Emphasis
Natural Sciences (N)	8	PHYS 2314, 2414; or PHYS 2014, 2114	GEOL 3073, 3503, 4403, 4453  Petroleum Emphasis
Social & Behavioral Sciences (S)	6	Courses designated (S)	GEOL 3103, 4023, 4103, 4213  Earth Systems Emphasis
Diversity (D)	-	Course designated (D) (see note 1.b.)	GEOL 3073, 4213, 4403, 4513
International Dimension (I)		Courses designated (I) (see note 1.b.)	Geophysics Emphasis GEOL 4023, 4103, 4203, 4303
Scientific Investigation (L)		Courses designated (L) (see note 1.b.)	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
Controlled Electives	4	BIOL 1114	Geology adviser.
College/Depart	MENTAL R	EQUIREMENTS: 13 HOURS	
Orientation	1	A&S 1111 (transfer students with 15 hours exempt)	ELECTIVES: 16 HOURS  All of these may need to be upper-division.
Arts and Humanities	3	(see note 2.a.)	GEOG 4333, 4343, GEOL 4993 and STAT 4013 recommended; and MATH 2163, 2233 and 3013 highly recommended for Geophysics Emphasis.
Natural & Mathematical Sciences	9	CHEM 1314, 1515	

 $\underline{\text{Other Requirements:}}\,$  See notes 1, 2 & 3 on back of degree sheet

Foreign Language Proficiency: See note 3 on back of sheet.

<u>Upper-Division Gen Ed:</u> 6 hours outside major prefix.

<u>Upper-Division Credit:</u> Total hours must include at least <u>48 hours</u> 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.

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# **COLLEGE OF ARTS & SCIENCES**

# OKLAHOMA STATE UNIVERSITY

**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 EDUCA	TION REQ	QUIREMENTS: 40 HOURS	MAJOR REQUIREMENTS: 45 HOURS
Area	Hours	To be selected from:	Minimum GPA 2.50 with a minimum grade of "C" in each course.
English Composition & Oral Communication	6	ENGL 1113 or 1313; & 1213 or 1413 or 3323 (See Academic Regulation 3.5 in Catalog)	A&S 4013 (Senior Project)  Additional upper-division courses from the following with 15 hours from each of two
American History & Government	6	HIST 1103; POLS 1113	disciplines and 12 hours* from among remaining disciplines.
Analytical & Quantitative Thought (A)	6	MATH 1483 or 1493 or 1513; and 3 hours designated (A); or MATH 1715	AMST ANTH ART (history) ECON
Humanities (H)	6	Courses designated (H)	ENGL FLL (and specific language)
Natural Sciences (N)	8	Courses designated (N)	GEOG GWST
Social & Behavioral Sciences (S)	6	Courses designated (S)	HIST MATH
Diversity (D)		Course designated (D) (see note 1.b.)	MUSI PHIL
International Dimension (I)		Course designated (I) (see note 1.b.)	POLS PSYC
Scientific Investigation (L)		Course designated (L) (see note 1.b.)	REL SOC SPCH
Controlled Electives	2	Any course with a GE designation in any of the above areas	TH
COLLEGE/DEPARTMENTAL REQUIREMENTS: 13 HOURS		EQUIREMENTS: 13 HOURS	* With approval from the adviser and department head, a maximum of 30 hours from accredited doctoral health program may be used for 9 of these 12 hours and 21 hours electives.
Orientation	1	A&S 1111 (transfer students with 15 hours exempt)	
Arts and Humanities	3	(see note 2.a.)	ELECTIVES: 22 HOURS  3 hours may need to be upper-division.
Natural & Mathematical Sciences	9	(see note 2.b.)	3 flours may fleed to be apper-division.
Upper-Division Credit: Total ho	See note 3 o s outside the urs must inc	_	
	degree requ		nd any changes that are made, so long as these changes do not result in semester credit

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## OKLAHOMA STATE UNIVERSITY

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			Major Requirements: 42 Hours
Area	Hours	To be selected from:	A minimum grade of "C" in each course.
English Composition & Oral Communication	6	ENGL 1113 or 1313; & 1213 or 1413 or 3323 (See Academic Regulation 3.5 in Catalog)	MATH 2153, 2163, 2233, 3013, 3613  Choose one of the following:
American History & Government	6	HIST 1103; POLS 1113	<u>General:</u>   MATH 4023
Analytical & Quantitative Thought (A)	7	MATH 2144; and CS 1113	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
Humanities (H)	6	Courses designated (H)	courses in CS or PHYS 6 hours from: upper-division courses in any field.
Natural Sciences (N)	8	PHYS 1114 or 2014 or 2314; and PHYS 1214 or 2114 or 2414	Teacher Certification:  MATH 4023, 4033, 4403, 4583, 4663, 4713  CIED 4003, 4053
Social & Behavioral Sciences (S)	6	Courses designated (S)	STAT 4013 or 4023 Applied Mathematics:
Diversity (D)		Course designated (D) (see note 1.b.)	MATH 4583 12 hours from: MATH 4013, 4023, 4233, 4263, 4283, 4453, 4513,
International Dimension (I)		Course designated (I) (see note 1.b.)	4553, 4663, 4713, 4813  12 hours from: MATH or STAT courses numbered 4000 or above or from upper-divisio courses in CS, PHYS, or Engineering. At least 6 of these hours must be
Scientific Investigation (L)		Course designated (L) (see note 1.b.)	courses other than MATH.
Controlled Electives	1	Any course with a GE designation in any of the above areas	Pre-actuarial/Financial Mathematics:  MATH 4453  9 hours from: MATH 4023, 4233, 4263, 4513, 4553, 4583, 4663  STAT 4203
College/Depart	MENTAL R	REQUIREMENTS: 13 HOURS	3 hours from: ECON 3113, 4213, 4223 6 hours from: FIN 3113, 4223, 4333, 4763
Orientation	1	A&S 1111 (transfer students with 15 hours exempt)	3 hours from: MSIS 3393, or upper-division FIN or ECON, or courses in MATH or STAT numbered 4000 or above.
Arts and Humanities	3	(see note 2.a.)	ELECTIVES: 25 HOURS
Natural & Mathematical Sciences	9	(see note 2.b.)	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.

<u>Upper-Division Gen Ed:</u> 6 hours outside major prefix.

<u>Upper-Division Credit:</u> Total hours must include at least <u>48 hours</u> 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.

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## OKLAHOMA STATE UNIVERSITY

General Requirements for Students Matriculating in Academic Year 2011-2012

**BACHELOR of SCIENCE** 

MAJOR: Microbiology/Cell & Molecular Biology OPTION: Biomedical Science

Minimum overall grade-point average: 3.00 Total Hours: 120

(cumulative graduation/retention GPA)

Other GPA requirements, see below.

GENERAL EDUCA	TION REQ	QUIREMENTS: 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 Requirem	ents that m	ay be used to meet GE Requirements.	
COLLEGE/DEPARTM	IENTAL R	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
Minimu	m GPA in Major Requirements 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

MAJOR DEGLURENES, CE HOURS

<u>Professional School:</u> 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.

<u>Upper-Division Gen Ed:</u> 6 hours outside major prefix.

<u>Upper-Division Credit:</u> Total hours must include at least <u>48 hours</u> 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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## OKLAHOMA STATE UNIVERSITY

**General Requirements for Students Matriculating in Academic Year 2011-2012** 

**BACHELOR of SCIENCE** 

MAJOR: Microbiology/Cell & Molecular Biology OPTION: Clinical Laboratory Science

Minimum Overall Grade Point Average: 2.00 Total Hours: 120

(cumulative graduation/retention GPA)

Other GPA requirements, see below.

GENERAL EDUCAT	TON REQ	QUIREMENTS: 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 Requirement	ents that m	ay be used to meet GE Requirements.
College/Departm	ENTAL R	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

<b>M</b> Aj	OR 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 160 CHEM 3053	4
3112	
3153	
MICR 2123	
2132	
3253	
4001	
ZOOL 3204	
Internship: 30 hours	
Fall: MICR 4117, 4125	
Spring: MICR 4236, 424	6
Summer: MICR 4325, 4	851

**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.

<u>Upper-Division Credit:</u> Total hours must include at least <u>48 hours</u> 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.

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## OKLAHOMA STATE UNIVERSITY

General Requirements for Students Matriculating in Academic Year 2011-2012

**BACHELOR of SCIENCE** 

MAJOR / Microbiology/Cell & Molecular Biology

**OPTION** / Microbial Ecology/Environmental

**Total Hours: 120** 

Minimum Overall Grade Point Average: 2.00

(cumulative graduation/retention GPA)

Other GPA requirements, see below.

GENERAL EDUCATION REQUIREMENTS: 42 HOURS		QUIREMENTS: 42 HOURS	MAJOR REQUIREMENTS: 54 HOURS
Area	Hours	To be selected from:	A minimum grade of "C" in each upper-division course and MICR 2123 and 2
English Composition & Oral Communication	6	ENGL 1113 or 1313; & 1213 or 1413 or 3323 (See Academic Regulation 3.5 in Catalog)	BIOC 3653 BIOL 1114 3023
American History & Government	6	HIST 1103; POLS 1113	BOT 1404 or ZOOL 1604 CHEM 3053
Analytical & Quantitative Thought (A)	7	MATH 2144*; STAT 4013*	3112 3153 MICR 2123 2132
Humanities (H)	6	PHIL 3833* and 3 hours designated (H)	3033 3223
Natural Sciences (N)	8	PHYS 1114* and 1214*	4001 4012
Social & Behavioral Sciences (S)	6	Courses designated (S)	4112 4214 4233
Diversity (D)		Course designated (D) (see note 1.b.)	And (4133 or 4253 or 4263)
International Dimension (I)		Course designated (I) (see note 1.b.)	Choose 6 upper-division hours from: MICR 3143
Scientific Investigation (L)		Course designated (L) (see note 1.b.)	3253 4123 4134
Controlled Electives	3	Any course with a GE designation in any of the above areas	4203 4323 4353
*College and Departmental Requiren	nents that m	ay be used to meet GE Requirements.	4423 4990 (1-4 hours)
COLLEGE/DEPART	MENTAL R	REQUIREMENTS: 13 HOURS	
Orientation	1	A&S 1111 (transfer students with 15 hours exempt)	ELECTIVES: 11 HOURS
Arts and Humanities	3	Any course from ART, MUSI, TH, or courses designated (H)	1 hour may need to be upper-division.
Natural & Mathematical Sciences	9	CHEM 1314, 1515	

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.

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<u>Upper-Division Credit:</u> Total hours must include at least <u>48 hours</u> 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.

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## OKLAHOMA STATE UNIVERSITY

**General Requirements for Students Matriculating in Academic Year 2011-2012** 

**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.

GENERAL EDUCATION REQUIREMENTS: 42 HOURS			MAJOR REQUIREMENTS: 54 HOURS
Area	Hours	To be selected from:	A minimum grade of "C" in each upper-division course and MICR 2123 and 2133
English Composition & Oral Communication	6	ENGL 1113 or 1313; & 1213 or 1413 or 3323 (See Academic Regulation 3.5 in Catalog)	BIOC 3653 BIOL 1114 3023
American History & Government	6	HIST 1103; POLS 1113	BOT 1404 or ZOOL 1604 CHEM 3053 3112
Analytical & Quantitative Thought (A)	7	MATH 2144*; STAT 4013*	3153 MICR 2123 2132
Humanities (H)	6	PHIL 3833* and 3 hours designated (H)	3033 3223
Natural Sciences (N)	8	PHYS 1114* and 1214*	3253 4001
Social & Behavioral Sciences (S)	6	Courses designated (S)	4012 4112 4134
Diversity (D)	-	Course designated (D) (see note 1.b.)	4233 And (4133 or 4253 or 4263)
International Dimension (I)	-	Course designated (I) (see note 1.b.)	Choose 3 upper-division hours from: MICR 3143
Scientific Investigation (L)	-	Course designated (L) (see note 1.b.)	4123 4203
Controlled Electives	3	Any course with a GE designation in any of the above areas	4214 4323 4353
*College and Departmental Requiren	ents that m	ay be used to meet GE Requirements.	4423 4990 (1-4 hours)
COLLEGE/DEPART	MENTAL R	REQUIREMENTS: 13 HOURS	
Orientation	1	A&S 1111 (transfer students with 15 hours exempt)	ELECTIVES: 11 HOURS
Arts and Humanities	3	Any course from ART, MUSI, TH, or courses designated (H)	1 hour may need to be upper-division.
Natural & Mathematical Sciences	9	CHEM 1314, 1515	

Foreign Language Proficiency: See note 3 on back of sheet.

<u>Upper-Division Gen Ed:</u> 6 hours outside major prefix.

<u>Upper-Division Credit:</u> Total hours must include at least <u>48 hours</u> 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.

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## OKLAHOMA STATE UNIVERSITY

General Requirements for Students Matriculating in Academic Year 2011-2012

**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.

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 o the above areas
*College and Departmental Requirem	ents that m	ay be used to meet GE Requirements.
College/Departm	MENTAL R	EQUIREMENTS: 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 minim	num grade of "C" in each upper-division course and MICR 2123 and 2132.					
BIOC	3653					
BIOL	1114					
	3023					
	1404 or ZOOL 1604					
CHEM						
	3112					
	3153					
MICR	2123					
	2132					
	3033					
	3223					
	4001 4012					
	4112					
	4203					
	4233					
	And (4133 or 4253 or 4263)					
	7 110 (1700 01 1200 01 1200)					
Choose	7 upper-division hours from:					
	MICR 3143					
	3253					
	4123					
	4134					
	4214					
	4323					
	4353					
	4423					
	4990 (1-4 hours)					
	ELECTIVES: 11 HOURS					
1 hour r	1 hour may need to be upper-division.					

Other Requirements: See notes 1, 2 & 3 on back of degree sheet

<u>Foreign Language Proficiency:</u> See note 3 on back of sheet.

Upper-Division Gen Ed: 6 hours outside major prefix.

<u>Upper-Division Credit:</u> Total hours must include at least <u>48 hours</u> 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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## OKLAHOMA STATE UNIVERSITY

General Requirements for Students Matriculating in Academic Year 2011-2012

**BACHELOR of SCIENCE** 

MAJOR: Multimedia Journalism

Minimum Overall Grade Point Average: 2.00 Total Hours: 125

(cumulative graduation/retention GPA)

Other GPA requirements see below.

GENERAL EDUCATION REQUIREMENTS: 41 HOURS		QUIREMENTS: 41 HOURS	MAJOR REQUIREMENTS: 57 HOURS
Area	Hours	To be selected from:	Minimum 2.50 GPA in JB/MC/MMJ/SC/SPM prefix courses and in Major Requirement
English Composition & Oral Communication	6	ENGL 1113 or 1313; & 1213 or 1413 or 3323 (See Academic Regulation 3.5 in Catalog)	with a minimum grade of "C" in each course.  Core Curriculum:  MC 2003, 2023, 4143, 4163
American History & Government	6	HIST 1103; POLS 1113	MMJ 3263, 4863, 4973
Analytical & Quantitative Thought (A)	6	MATH 1483 or 1513; and STAT 2013 or 2053	Select one of the options listed below:  1. Multimedia News: a. MMJ 3313, 4393
Humanities (H)	6	Courses designated (H)	b. MMJ 3553, 4313 <u>OR</u> MMJ 3293, 4423 c. 9 hrs MC, MMJ, SC or SPM (6 hrs must be upper-division)
Natural Sciences (N)	8	Courses designated (N)	d. POLS 3613 or POLS 3983 e. Choose 3 hrs from: POLS 3414, 3453, 3613, or 3983
Social & Behavioral Sciences (S)	6	ECON 1113 or 2103; MC 1143	f. 9 hrs upper-division Traditional Liberal Arts or Business  2. Multimedia Production:
Diversity (D)		Course designated (D) (see note 1.b.)	a. MMJ 3153, 3913, 4953, 3553 b. 9 hrs MC, MMJ, SC or SPM (6 hrs must be upper-division)
International Dimension (I)		Course designated (I) (see note 1.b.)	c. 15 hrs upper-division Traditional Liberal Arts or Business
Scientific Investigation (L)		Course designated (L) (see note 1.b.)	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
Controlled Electives	3	SPCH 2713	passing grade on the Language Proficiency Exam.
College/Departm	IENTAL R	REQUIREMENTS: 13 HOURS	This option requires a minimum of 65 hours in traditional liberal arts courses to be take among General Education, Major Requirements or Electives. No more than 12 hours JB/MC/MMJ/SC/SPM can be transferred from other institutions.
Orientation	1	A&S 1111 (transfer students with 15 hours exempt)	This major requires students to develop and maintain a portfolio exhibiting specific an appropriate work including required class assignments.
Arts & Humanities	3	(see note 2.a.)	
Natural & Mathematical Sciences	9	(see note 2.a.)	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.

<u>Upper-Division Gen Ed:</u> 6 hours outside major prefix.

<u>Upper-Division Credit:</u> Total hours must include at least <u>48 hours</u> 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.

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## OKLAHOMA STATE UNIVERSITY

General Requirements for Students Matriculating in Academic Year 2011-2012

**BACHELOR of SCIENCE** 

**MAJOR: Physics** 

Minimum Overall Grade Point Average: 2.00 **Total Hours: 120** 

(cumulative graduation/retention GPA)

Other GPA requirements, see below.

GENERAL EDUCATION REQUIREMENTS: 42 HOURS			MAJOR REQUIREMENTS: 49 HOURS
Area	Hours	To be selected from:	A minimum grade of "C" in each course
English Composition & Oral Communication	6	ENGL 1113 or 1313; & 1213 or 1413 or 3323 (See Academic Regulation 3.5 in Catalog)	Core Requirements: 40 hours PHYS 2414 or 2114 3013
American History & Government	6	HIST 1103; POLS 1113	3113 3213
Analytical & Quantitative Thought (A)	7	MATH 2144 and 2153	3322 3513 3622 3713
Humanities (H)	6	Courses designated (H)	4113 4413
Natural Sciences (N)	8	BIOL 1114; CHEM 1314	4423 4712
Social & Behavioral Sciences (S)	6	Courses designated (S)	MATH 2163 2233
Diversity (D)		Course designated (D) (see note 1.b.)	Additional Requirements: 9 hours
International Dimension (I)		Course designated (I) (see note 1.b.)	6 upper-division hours in Physics 3 upper-division hours in related fields.
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/DEPARTM	ENTAL R	EQUIREMENTS: 13 HOURS	
Orientation	1	A&S 1111 (transfer students with 15 hours exempt)	ELECTIVES: 16 HOURS  9 hours may need to be upper-division; 6 of these may need to be general education
Arts and Humanities	3	(see note 2.a.)	Suggested courses: ASTR 1014, 1024, 4010 (1); CS 4113, 4513; ECEN 3213;  MATH 4013, 4143, 4153, 4233, 4283, PHYS 1001
Natural & Mathematical Sciences	9	CHEM 1515; PHYS 2314 or 2014	

Foreign Language Proficiency: See note 3 on back of sheet.

<u>Upper-Division Gen Ed:</u> 6 hours outside major prefix.

<u>Upper-Division Credit:</u> Total hours must include at least <u>48 hours</u> 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.

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## OKLAHOMA STATE UNIVERSITY

**General Requirements for Students Matriculating in Academic Year 2011-2012** 

**BACHELOR of SCIENCE** 

MAJOR: Physics OPTION: Applied Physics

Minimum Overall Grade Point Average: 2.00 Total Hours: 120

(cumulative graduation/retention GPA)

Other GPA requirements, see below.

GENERAL EDUCATION REQUIREMENTS: 42 HOURS			MAJOR REQUIREMENTS: 49 HOURS
Area	Hours	To be selected from:	A minimum grade of "C" in each course
English Composition & Oral Communication	6	ENGL 1113 or 1313; & 1213 or 1413 or 3323 (See Academic Regulation 3.5 in Catalog)	Core Requirements: 32 hours PHYS 2414 or 2114 3013
American History & Government	6	HIST 1103; POLS 1113	3113 3213 3322
Analytical & Quantitative Thought (A)	7	MATH 2144 and 2153	3513 3622 3713
Humanities (H)	6	Courses designated (H)	4113 MATH 2163 2233
Natural Sciences (N)	8	BIOL 1114; CHEM 1314	Additional Requirements: 17 hours
Social & Behavioral Sciences (S)	6	Courses designated (S)	(Students in the Engineering Physics Program should select engineering courses in consultation with Physics Department adviser)
Diversity (D)		Course designated (D) (see note 1.b.)	9 upper-division hours in any one academic department.*
International Dimension (I)		Course designated (I) (see note 1.b.)	8 upper-division hours in related fields.*  * With approval from the adviser and department head, a maximum of 30 hours from a
Scientific Investigation (L)		Course designated (L) (see note 1.b.)	accredited doctoral health program may be used for these 17 hours and 13 hours of electives.
Controlled Electives	3	Any course with a GE designation in any of the above areas	
COLLEGE/DEPARTN	MENTAL R	REQUIREMENTS: 13 HOURS	
Orientation	1	A&S 1111 (transfer students with 15 hours exempt)	ELECTIVES: 16 HOURS  9 hours may need to be upper-division; 6 of these may need to be general education.
Arts and Humanities	3	(see note 2.a.)	Suggested courses: ASTR 1014, 1024, 4010 (1); CS 4113, 4513; ECEN 3213; MATH 4013, 4143, 4153, 4233, 4283, PHYS 1001
Natural & Mathematical Sciences	9	CHEM 1515; PHYS 2314 or 2014	

Foreign Language Proficiency: See note 3 on back of sheet.

<u>Upper-Division Gen Ed:</u> 6 hours outside major prefix.

<u>Upper-Division Credit:</u> Total hours must include at least <u>48 hours</u> 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.

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## OKLAHOMA STATE UNIVERSITY

**General Requirements for Students Matriculating in Academic Year 2011-2012** 

**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			MAJOR REQUIREMENTS: 60 HOURS
Area	Hours	To be selected from:	Minimum GPA 2.50 in Major Requirements with a minimum grade of "C" in each cou
English Composition & Oral Communication	6	ENGL 1113 or 1313; & 1213 or 1413 or 3323 (See Academic Regulation 3.5 in Catalog)	BIOC 3653 BIOL 1114 3023
American History & Government	6	HIST 1103; POLS 1113	3034 CHEM 3053
Analytical & Quantitative Thought (A)	7	MATH 2144*; and STAT 2013* or 4013*	3112 3153 MICR 2123 2132
Humanities (H)	6	Courses designated (H)	3033 ZOOL 1604
Natural Sciences (N)	8	PHYS 1114*, 1214*; or 2014*, 2114*	3114 3204
Social & Behavioral Sciences (S)	6	Courses designated (S)	4133 4134 or MICR 3253 4215
Diversity (D)	-	Course designated (D) (see note 1.b.)	4223 4231
International Dimension (I)		Course designated (I) (see note 1.b.)	4273 or 4283 or 4293
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	With approval from the adviser and department head, a maximum of 30 hours from a accredited doctoral health program may be substituted for major requirements other
*College and Departmental Requirem	ents that m	ay be used to meet GE Requirements.	than BIOL 3023 and ZOOL 4133.
College/Departm	MENTAL R	REQUIREMENTS: 13 HOURS	ELECTIVES: 12 HOURS
Orientation	1	A&S 1111 (transfer students with 15 hours exempt)	1 hour may need to be upper-division.
Arts and Humanities	3	(see note 2.a.)	
Natural & Mathematical Sciences	9	CHEM 1314, 1515	

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.

<u>Upper-Division Credit:</u> Total hours must include at least <u>48 hours</u> 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.

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## OKLAHOMA STATE UNIVERSITY

General Requirements for Students Matriculating in Academic Year 2011-2012

**BACHELOR of SCIENCE** 

**MAJOR: Political Science** 

Minimum overall grade-point average: 2.00 Total Hours: 120

(cumulative graduation/retention GPA)

Other GPA requirements, see below.

GENERAL EDUCATION REQUIREMENTS: 41 HOURS			MAJOR REQUIREMENTS: 45 HOURS
Area	Hours	To be selected from:	Minimum GPA 2.50 with a minimum grade of "C" in each course.
English Composition & Oral Communication	6	ENGL 1113 or 1313; & 1213 or 1413 or 3323 (See Academic Regulation 3.5 in Catalog)	A minimum of 30 hours POLS (27 hours must be upper-division).  Core Requirements: (12 hours) POLS 2013 or 2113; POLS 3663; POLS 3103
American History & Government	6	HIST 1103; POLS 1113	POLS Capstone (3 hours)
Analytical & Quantitative Thought (A)	6	MATH 1483 or 1493 or 1513; and 3 hours designated (A)	At least 3 hours from 3 different areas (9 hours) listed below: <u>American Politics</u> : select from 3353, 3414, 3423, 3453, 3483, 3513, 3523, 3533, 3613, 3683, 3953, 3973, 4000, 4623, 4693
Humanities (H)	6	Courses designated (H)	Comparative Politics: select from 3003, 3053, 3123, 3143, 3163, 3193, 3223, 3313, 4020, 4223
Natural Sciences (N)	8	Courses designated (N)	15 hours in one foreign language or equivalent proficiency on the plan  International Relations: select from 3033, 3043, 4010, 4013, 4053, 4113
Social & Behavioral Sciences (S)	6	Courses designated (S)	15 hours in one foreign language or equivalent proficiency on the plan  Political Theory: select from 3663, 4553, 4573, 4653, 4670
Diversity (D)	-	Course designated (D) (see note 1.b.)	Pre-Law/Public Law: select from 3983, 3993, 4353, 4363, 4963, 4973, 4980
International Dimension (I)		Course designated (I) (see note 1.b.)	Public Policy/Emergency Management: select from Public Policy: 3493, 4403, 4413, 4453, 4593 Emergency Management: 3733, 3763, 3813, 3893
Scientific Investigation (L)		Course designated (L) (see note 1.b.)	Upper-division courses to complete the required 45 from:* ECON, ENGL, ENVR, FLL, FPST, GEOG, HIST, MGMT, PHIL, PSYC, REL, SOC
Controlled Electives	3	SPCH 2713 or 3733	* 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
College/Depart	MENTAL R	REQUIREMENTS: 13 HOURS	related courses and 15 hours of electives.
Orientation	1	A&S 1111 (transfer students with 15 hours exempt)	ELECTIVES: 21 HOURS
Arts and Humanities	3	(see note 2.a.)	6 hours may need to be upper-division.
Natural & Mathematical Sciences	9	(see note 2.b.)	

Other Requirements: See notes 1, 2 & 3 on back of degree sheet

Foreign Language Proficiency: See note 3 on back of sheet.

<u>Upper-Division Gen Ed:</u> 6 hours outside major prefix.

<u>Upper-Division Credit:</u> Total hours must include at least <u>48 hours</u> 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.

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## OKLAHOMA STATE UNIVERSITY

General Requirements for Students Matriculating in Academic Year 2011-2012

**BACHELOR of SCIENCE** 

**MAJOR: Psychology** 

Minimum Overall Grade Point Average: 2.00 Total Hours: 120

(cumulative graduation/retention GPA)

Other GPA requirements, see below.

GENERAL EDUCA	TION REQ	QUIREMENTS: 40 HOURS	MAJOR REQUIREMENTS: 50 HOURS
Area	Hours	To be selected from:	Minimum GPA <u>2.00</u> with a minimum grade of "C" in all PSYC courses.  No more than 6 hours of PSYC may be 2000 level.
English Composition & Oral Communication	6	ENGL 1113 or 1313; & 1213 or 1413 or 3323 (See Academic Regulation 3.5 in Catalog)	Core Requirements: 8 hours PSYC 3214 PSYC 3914
American History & Government	6	HIST 1103; POLS 1113	30 hours to include at least one course from each competency area below.
Analytical & Quantitative Thought (A)	6	MATH 1513 and 3 hours designated (A)	1) <u>Learning, Cognition, Biological Basis</u> : 3073, 3113, 3173, 3513, 3713, 3823, 4223, 4023, 4343
Humanities (H)	6	Courses designated (H)	2) <u>Psychometrics, Personality, Social Processes</u> : 2743, 3013, 3413, 4333, 4153, 4813
Natural Sciences (N)	8	Courses designated (N)	3) <u>Developmental and Sociocultural Dimensions</u> : 2313, 2583, 2593, 4123, 4133  4) <u>Clinical, Applied Psychology</u> : 3443, 4143, 4183, 4213, 4483
Social & Behavioral Sciences (S)	6	PSYC 1113 and 3 hours designated (S)	Other Elective Courses: 3120, 3990, 4493, 4770, 4880, 4990
Diversity (D)		Course designated (D) (see note 1.b.)	12 upper-division hours from:*
International Dimension (I)		Course designated (I) (see note 1.b.)	BIOC, BIOL, BOT, CHEM, MATH, MICR, PHYS, PLP, STAT, ZOOL and/or upper- division General Education (N) or (A)
Scientific Investigation (L)		Course designated (L) (see note 1.b.)	* 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
Controlled Electives	2	Any course with a GE designation in any of the above areas	hours and 15 hours of electives. Up to 3 hours may be substituted from the required PSYC courses other than 1113, 3214 and 3914.
College/Depart	MENTAL R	PEQUIREMENTS: 13 HOURS	ELECTIVES: 17 HOURS
Orientation	1	A&S 1111 (transfer students with 15 hours exempt)	4 hours may need to be upper-division.
Arts and Humanities	3	(see note 2.a.)	
Natural & Mathematical Sciences	9	(see note 2.b.)	

Foreign Language Proficiency: See note 3 on back of sheet.

<u>Upper-Division Gen Ed:</u> 6 hours outside major prefix.

<u>Upper-Division Credit:</u> Total hours must include at least <u>48 hours</u> 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.

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## OKLAHOMA STATE UNIVERSITY

**General Requirements for Students Matriculating in Academic Year 2011-2012** 

**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			MAJOR REQUIREMENTS: 45 HOURS
Area	Hours	To be selected from:	Minimum GPA <u>2.50</u>
English Composition & Oral Communication	6	ENGL 1113 or 1313; & 1213 or 1413 or 3323. (See Academic Regulation 3.5 in Catalog)	Minimum GPA in all SOC/ANTH courses 2.50 with a minimum grade of "C" in all SOC/ANTH courses.
American History & Government	6	HIST 1103; POLS 1113	Minimum 30 hours of courses with SOC/ANTH prefix.  SOC 1113 2123 (or ANTH 3353)
Analytical & Quantitative Thought (A)	6	MATH 1483 or 1513; and 3 hours designated (A)	3113 4133 4243
Humanities (H)	6	Courses designated (H)	4663
Natural Sciences (N)	8	Courses designated (N)	3 hours from: SOC 3133 4043 4383
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.)	* With approval from the adviser and department head, a maximum of 30 hours from all 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.)	electives.
Controlled Electives	2	Any course with a GE designation in any of the above areas	
College/Depart	MENTAL R	REQUIREMENTS: 13 HOURS	
Orientation	1	A&S 1111 (transfer students with 15 hours exempt)	ELECTIVES: 23 HOURS
Arts and Humanities	3	(see note 2.a.)	9 hours may need to be upper-division.
Natural & Mathematical Sciences	9	(see note 2.b.)	

Other Requirements: See notes 1, 2 & 3 on back of degree sheet

Foreign Language Proficiency: See note 3 on back of sheet.

<u>Upper-Division Gen Ed:</u> 6 hours outside major prefix.

<u>Upper-Division Credit:</u> Total hours must include at least <u>48 hours</u> 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.

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## OKLAHOMA STATE UNIVERSITY

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 EDUCA	TION REQ	QUIREMENTS: 40 HOURS	MAJOR REQUIREMENTS: 45 HOURS		
Area	Hours	To be selected from:	Minimum GPA 2.50		
English Composition & Oral Communication	6	ENGL 1113 or 1313; & 1213 or 1413 or 3323 (See Academic Regulation 3.5 in Catalog)	Minimum GPA in all SOC/ANTH courses <u>2.50</u> with a minimum grade of "C" i SOC/ANTH courses.  Minimum 30 hours of courses with SOC/ANTH prefix.		
American History & Government	6	HIST 1103; POLS 1113	ANTH 2353 ANTH 3353		
Analytical & Quantitative Thought (A)	6	MATH 1483 or 1513; and 3 hours designated (A)	SOC 1113 SOC 3113 SOC 4133		
Humanities (H)	6	Courses designated (H)	SOC 4243 SOC 4663		
Natural Sciences (N)	8	Courses designated (N)	6 hours upper-division SOC		
Social & Behavioral Sciences (S)	6	Courses designated (S)	6 hours upper-division ANTH  12 hours upper-division related courses from:		
Diversity (D)	-	Course designated (D) (see note 1.b.)	ART 3733, 4603, 4763 GEOG 3243, 3713, 3783, 4333, 4353		
International Dimension (I)	-	Course designated (I) (see note 1.b.)	HIST 3013, 3023, 3133, 3443, 3453, 3463, 3503, 3513, 3543, 3553, 3763, 4063, 4523, 4980		
Scientific Investigation (L)	-	Course designated (L) (see note 1.b.)	MUSI 3573, 3583 SOC 3133, 4433, 4443, 4453, 4990		
Controlled Electives	2	Any course with a GE designation in any of the above areas			
College/Depart	MENTAL R	REQUIREMENTS: 13 HOURS			
Orientation	1	A&S 1111 (transfer students with 15 hours exempt)	ELECTIVES: 23 HOURS		
Arts and Humanities	3	(see note 2.a.)	9 hours may need to be upper-division.		
Natural & Mathematical Sciences	9	(see note 2.b.)			

Other Requirements: See notes 1, 2 & 3 on back of degree sheet

Foreign Language Proficiency: See note 3 on back of sheet.

<u>Upper-Division Gen Ed:</u> 6 hours outside major prefix.

<u>Upper-Division Credit:</u> Total hours must include at least <u>48 hours</u> 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.

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## OKLAHOMA STATE UNIVERSITY

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			MAJOR REQUIREMENTS: 51 HOURS		
Area	Hours	To be selected from:	Minimum GPA <u>2.50</u>		
English Composition & Oral Communication	6	ENGL 1113 or 1313; & 1213 or 1413 or 3323 (See Academic Regulation 3.5 in Catalog)	Minimum GPA in all SOC/ANTH courses <u>2.50</u> with a minimum grade of "C" ir SOC/ANTH courses.  SOC 1113; 2123 or ANTH 3353		
American History & Government	6	HIST 1103; POLS 1113	SOC 3113, 3952, 4133, 4850 (4 hours) 3 hours from: SOC 3133, 4043, 4383, 4643		
Analytical & Quantitative Thought (A)	6	MATH 1483 or 1513; and 3 hours designated (A)	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, 34444, 4143, 4143  Environment and Society SOC 4433, 4453, 4463, 4533 12 hours from: SOC 3323, 4323, 4513, 4623, AGEC 4503, ECON 4913, GEOC 3153, 4123, HIST 4063, 4503, POLS 4363, 4593, PSYC 4213		
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.)	Social Services SOC 3223, 4343, 4723, HDFS 3523		
Scientific Investigation (L)		Course designated (L) (see note 1.b.)	12 hours from: SOC 3133, 4043, 4623, ECON 3523, HDFS 3423, 3443, 34 HHP 3613, 3913, 4433, PSYC 4133		
Controlled Electives	2	Any course with a GE designation in any of the above areas			
College/Depart	MENTAL R	REQUIREMENTS: 13 HOURS			
Orientation	1	A&S 1111 (transfer students with 15 hours exempt)	ELECTIVES: 17 HOURS		
Arts and Humanities	3	(see note 2.a.)	3 hours may need to be upper-division.		
Natural & Mathematical Sciences	9	(see note 2.b.)			

Other Requirements: See notes 1, 2 & 3 on back of degree sheet Foreign Language Proficiency: See note 3 on back of sheet.

<u>Upper-Division Gen Ed:</u> 6 hours outside major prefix.

<u>Upper-Division Credit:</u> Total hours must include at least <u>48 hours</u> 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.

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### OKLAHOMA STATE UNIVERSITY

**General Requirements for Students Matriculating in Academic Year 2011-2012** 

**BACHELOR of SCIENCE** 

**MAJOR: Sports Media** 

Minimum Overall Grade Point Average: 2.00 Total Hours: 125

(cumulative graduation/retention GPA)

Other GPA requirements see below.

GENERAL EDUCA	TION REQ	QUIREMENTS: 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/Departm	MENTAL R	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
- 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.

<u>Upper-Division Credit:</u> Total hours must include at least <u>48 hours</u> 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.

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DEAN	DEPARTMENT HEAD



## OKLAHOMA STATE UNIVERSITY

**General Requirements for Students Matriculating in Academic Year 2011-2012** 

**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		QUIREMENTS: 40 HOURS	MAJOR REQUIREMENTS: 53 HOURS		
Area	Hours	To be selected from:	Minimum GPA <u>2.50</u> with a minimum grade of "C" in each course.		
English Composition & Oral Communication	6	ENGL 1113 or 1313; & 1213 or 1413 or 3323 (See Academic Regulation 3.5 in Catalog)	Section 1: Required Courses  CS 1113  3513 or 4513		
American History & Government	6	HIST 1103; POLS 1113	MATH 2144 2153 2163 3013 STAT 4013 4023		
Analytical & Quantitative Thought (A)	5	MATH 1715			
Humanities (H)	6	Courses designated (H)	4043 4091		
Natural Sciences (N)	8	Courses designated (N)	4203 4213		
Social & Behavioral Sciences (S)	6	Courses designated (S)	Section 2: 6-9 hours at 3000 level or above in a field of application outside of Mathematical		
Diversity (D)		Course designated (D) (see note 1.b.)	Sciences.		
International Dimension (I)		Course designated (I) (see note 1.b.)	Section 3: 9-12 hours: (maximum of 6 hours from one department) to be selected from: CS 3423 IEM 3703 MATH 3613		
Scientific Investigation (L)		Course designated (L) (see note 1.b.)	- CS 3423 IEM 3703 MATH 3613 3443 4013 4013 4323 4103 4233		
Controlled Electives	3	SPCH 2713	4343 4113 4553 4613 4663		
College/Depart	MENTAL R	REQUIREMENTS: 13 HOURS	4713  Total of 18 hours from Sections 2 and 3.		
Orientation	1	A&S 1111 (transfer students with 15 hours exempt)	ELECTIVES: 14 HOURS		
Arts and Humanities	3	(see note 2.a.)	8 hours may need to be upper-division.		
Natural & Mathematical Sciences	9	CS 2133 or MATH 2233; and 6 additional hours (see note 2.b.)			

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.

<u>Upper-Division Credit:</u> Total hours must include at least <u>48 hours</u> 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.

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## OKLAHOMA STATE UNIVERSITY

General Requirements for Students Matriculating in Academic Year 2011-2012

**BACHELOR of SCIENCE** 

**MAJOR: Strategic Communication** 

Minimum Overall Grade Point Average: 2.00 Total Hours: 125

(cumulative graduation/retention GPA)

Other GPA requirements see below.

GENERAL EDUCA	TION REQ	QUIREMENTS: 41 HOURS	MAJOR REQUIREMENTS: 57 HOURS
Area	Hours	To be selected from:	Minimum 2.50 GPA in JB/MC/MMJ/SC/SPM prefix courses and in Major Requirements
English Composition & Oral Communication	6	ENGL 1113 or 1313; & 1213 or 1413 or 3323 (See Academic Regulation 3.5 in Catalog)	with a minimum grade of "C" in each course.  MC 2003 SC 2013 or 2183 2023 3353
American History & Government	6	HIST 1103; POLS 1113	4143 3383 4163 3753
Analytical & Quantitative Thought (A)	6	MATH 1483 or 1513; and STAT 2013 or 2053	3953 4013 4843 or 4980
Humanities (H)	6	Courses designated (H)	SC 3603 or 4493
Natural Sciences (N)	8	Courses designated (N)	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
Social & Behavioral Sciences (S)	6	ECON 1113 or 2103; MC 1143	3 fils upper-uivision frauttorial Liberal Arts of Business
Diversity (D)		Course designated (D) (see note 1.b.)	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
International Dimension (I)	-	Course designated (I) (see note 1.b.)	4253 requires declaration of major, completion of MC 2003 with a "C" or better, and a passing grade on the Language Proficiency Exam.
Scientific Investigation (L)		Course designated (L) (see note 1.b.)	This option requires a minimum of 65 hours in traditional liberal arts courses to be take among General Education, Major Requirements or Electives. No more than 12 hours in
Controlled Electives	3	SPCH 2713	JB/MC/MMJ/SC/SPM can be transferred from other institutions.
College/Depart	MENTAL R	REQUIREMENTS: 13 HOURS	Students are required to develop and maintain a portfolio exhibiting specific and appropriate work including required class assignments.
Orientation	1	A&S 1111 (transfer students with 15 hours exempt)	
Arts & Humanities	3	(see note 2.a.)	ELECTIVES: 14 HOURS
Natural & Mathematical Sciences	9	(see notes 2.b.)	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

<u>Upper-Division Gen Ed:</u> 6 hours outside major prefix.

<u>Upper-Division Credit:</u> Total hours must include at least <u>48 hours</u> 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.

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## OKLAHOMA STATE UNIVERSITY

**General Requirements for Students Matriculating in Academic Year 2011-2012** 

**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 EDUCA	TION REQ	QUIREMENTS: 41 HOURS	MAJOR REQUIREMENTS: 57 HOURS
Area	Hours	To be selected from:	Minimum grade of "C" in each course.
English Composition & Oral Communication	6	ENGL 1113 or 1313; & 1213 or 1413 or 3323 (See Academic Regulation 3.5 in Catalog)	BIOL 1114 3023 3034 CHEM 3015; or 3053, 3153, 3112
American History & Government	6	HIST 1103; POLS 1113	MICR 2123 or 3033 ZOOL 1604
Analytical & Quantitative Thought (A)	5	MATH 1513 and 1613; or 1715	3104 3114 3204
Humanities (H)	6	Courses designated (H)	4133 4700 or 4710 (1 hour)
Natural Sciences (N)	8	PHYS 1114*, 1214*	12 hours upper-division ZOOL courses (major courses only) with a laboratory in at leas one course
Social & Behavioral Sciences (S)	6	SPCH 2713 and 3 hours designated (S)	Choose 3 hours from the following:
Diversity (D)		Course designated (D) (see note 1.b.)	ENGL 3323, 4563 GEOG 3153, 4053
International Dimension (I)		Course designated (I) (see note 1.b.)	Choose 3 hours from the following:
Scientific Investigation (L)		Course designated (L) (see note 1.b.)	PHIL 4713, 4733 SOC 4433
Controlled Electives	3	STAT 2013 or 4013*	
*College and Departmental Requirem	ents that m	ay be used to meet GE Requirements.	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.
College/Departm	IENTAL R	REQUIREMENTS: 13 HOURS	ELECTIVES: 16 Hours
Orientation	1	A&S 1111 (transfer students with 15 hours exempt)	2 hours may need to be upper-division. CHEM 3053, 3112 and 3153 and a calculus course recommended for graduate school or health professions.
Arts and Humanities	3	(see note 2.a.)	
Natural & Mathematical Sciences	9	CHEM 1314, 1515	

Other Requirements: See notes 1, 2 & 3 on back of degree sheet Foreign Language Proficiency: See note 3 on back of sheet.

<u>Upper-Division Gen Ed:</u> 6 hours outside major prefix.

<u>Upper-Division Credit:</u> Total hours must include at least <u>48 hours</u> 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

# **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 Service 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



## OKLAHOMA STATE UNIVERSITY

**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				MAJOR REQUIREMENTS: 67 HOURS
Area	Hours	To be selected from:		Minimum GPA 3.00 in major requirements.
English Composition & Oral Communication	9	ENGL 1113 or 1313; 1213, 1413 or 3323. (See Academic Regulation 3.5 in Catalog) SPCH 2713	Minimun HHP HHP	n grade of "B" or "P" in each course:  1713  2451
American History & Government	6	HIST 1103, 1483 or 1493; and POLS 1113	HHP HHP	2461 2654
Analytical & Quantitative Thought (A)	6	MATH 1513 and STAT 2013	HHP HHP HHP	2664 2733 2802
Humanities (H)	6	6 hours of courses designated (H). 3 hours must be lower-division.	HHP HHP HHP	2844 2854 2902
Natural Sciences (N)	8	BIOL 1114 and CHEM 1314	HHP	3010 (one hour fitness & weight control)
Social & Behavioral Sciences (S)	6	PSYC 1113; and (S) designated course.	HHP	3112 3233
Diversity (D)		Any course designated (D).	HHP	3451 3461
International Dimension (I)		Any course designated (I).	HHP	3673 3902
Scientific Investigation (L)		Any course designated (L).	HHP HHP HHP	3924 4243 4451
College/Depart	MENTAL R	REQUIREMENTS: 16 HOURS	HHP HHP	4461 4901
Minimum GPA 3	.00 with a m	inimum grade of "B" or "P"	HHP	4933
EDUC 1111			HHP	4983
EDTC 4113 or MSIS 2103			Minimun	n grade of "C" or "P" in each course:
NSCI 2114			HHP	3114
PHYS 1114			HHP	3663
ZOOL 3204			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.

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DEAN	SCHOOL HEAD		



## OKLAHOMA STATE UNIVERSITY

**General Requirements for Students Matriculating in Academic Year 2011-2012** 

**BACHELOR of SCIENCE** 

MAJOR: Athletic Training OPTION: PreProfessional

Minimum Overall Grade Point Average: 3.00 **Total Hours: 124** 

(cumulative graduation/retention GPA)

GENERAL EDUCATION REQUIREMENTS: 41 HOURS				MAJOR REQUIREMENTS: 46 HOURS
Area	Hours	To be selected from:	   Minimum GPA	A 3.00 with a minimum grade of "B" or "P" in each course.
English Composition & Oral Communication	9	ENGL 1113 or 1313; 1213, 1413 or 3323. (See Academic Regulation 3.5 in Catalog) SPCH 2713	HHP HHP HHP	2654 2664 2733
American History & Government	6	HIST 1103, 1483 or 1493; and POLS 1113	ННР	2802
Analytical & Quantitative Thought (A)	6	MATH 1513 and STAT 2013	HHP HHP	2844 2854
Humanities (H)	6	PHIL 3833 and 3 hours designated (H) must be lower-division.	HHP HHP	2902 3010 (one hour fitness & weight control)
Natural Sciences (N)	8	BIOL 1114 and CHEM 1314	HHP HHP	3114 3233
Social & Behavioral Sciences (S)	6	PSYC 1113 and 3 hours upper division (S)	HHP	3663
Diversity (D)		Any course designated (D).	HHP HHP	3673 3902
International Dimension (I)		Any course designated (I).	HHP HHP	3924 4243
Scientific Investigation (L)		Any course designated (L).		
College/Departm	ENTAL R	EQUIREMENTS: 31 HOURS		ELECTIVES: 6 HOURS (MUST BE UPPER DIVISION)
Minimum GPA 3.00 with a minimum grade of "B" or "P"		Suggested:	ZEECTIVES. OTTOOKS (MOST BE OF LEK DIVISION)	
CHEM 1515			CHEM 3053	HHP 3112
EDUC 1111				MICR 3033
MICR 2132 and 2123				
PHYS 1114 and 1214		CHEM 3153	BIOC 3653	
ZOOL 1604 and 2104 and 3204				

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.

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## OKLAHOMA STATE UNIVERSITY

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

CPSY 1112

SDEV 3013

5 hours to be selected from a foreign language or other approved language.

#### MAJOR REQUIREMENTS: 48 HOURS

Minimum GPA 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 2603HHP 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

Career 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



## OKLAHOMA STATE UNIVERSITY

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.

GENERAL EDUCATION REQUIREMENTS: 41 HOURS			MAJOR REQUIREMENTS: 51 HOURS		
Area	Hours	To be selected from:	-     Mir	nimum GPA of 2.75 with a minimum grade of "C" or "P" in each course.	
English Composition & Oral Communication	9	ENGL 1113 or 1313; & 1213 or 1413 or 3323. (See Academic Regulation 3.5 in Catalog) SPCH 2713	HHP	2213	
American History & Government	6	HIST 1103, 1483 or 1493; and POLS 1113	HHP HHP	2603 2654	
Amondan Friedry & Government		11101 1100, 1100 of 1100, and 1 020 1110	nnr   HHP	3613	
Analytical & Quantitative Thought (A)	6	MATH 1513 and STAT 2013, or 2023, or 2053	HHP	3623	
Humanities (H)	6	6 hours any (H) courses; One course must	HHP	3643	
, ,		be lower-division.	HHP	3723	
Natural Sciences (N)	8	BIOL 1114 and CHEM 1314 or 1215	HHP	3913	
			HHP	4233	
Social & Behavioral Sciences (S)	6	Any course designated (S)	HHP	4533	
Diversity (D)		Any course designated (D)	HHP	4902	
International Dimension (I)		Any course designated (I)	HHP	4973 4990 (12 hours)	
Scientific Investigation (L)		Any course designated (L). Students are encouraged to meet the requirement in their selection of (N) course work.	Select 3 ho	ours from:	
College/Departmental Requirements: 28 Hours		HHP	4773		
·		HHP	4783		
BCOM 3113 MSIS ECON 1113 NSC	G 3213 S 2103 d	or "P" in each course.	NSCI	3223	

### 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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## OKLAHOMA STATE UNIVERSITY

General Requirements for Students Matriculating in Academic Year 2011-2012

**BACHELOR of SCIENCE** 

**MAJOR: Health Education and Promotion OPTION: Exercise and Health** Minimum Overall Grade Point Average: 2.75 **Total Hours: 120** 

(cumulative graduation/retention GPA)

Other GPA requirements see below.

Oral Communication         3323. (See Academic Regulation 3.5 in Catalog) SPCH 2713         HHP 2603           American History & Government         6 HIST 1103, 1483 or 1493; and POLS 1113         HHP 2654           Analytical & Quantitative Thought (A)         6 MATH 1513 and STAT 2013, or 2023, or 2053         HHP 3613           Humanities (H)         6 6 hours any (H) courses; One course must be lower-division.         HHP 3663           Humanities (N)         8 BIOL 1114 and CHEM 1314 or 1215         HHP 3723           HHP 3913         HHP 4533           HHP 4902         HHP 4973           International Dimension (I)         Any course designated (I)         HHP 4990 (12 hours)           Scientific Investigation (L)         Any course designated (I). Students are encouraged to meet the requirement in their selection of (N) course work.         Select 3 hours from: HHP 4773           COLLEGE/DEPARTMENTAL REQUIREMENTS: 28 HOURS         HHP 4783	GENERAL EDUCA	TION REQ	QUIREMENTS: 41 HOURS		MAJOR REQUIREMENTS: 51 HOURS
American History & Government   6	Area	Hours	To be selected from:	Mir	nimum GPA of 2.75 with a minimum grade of "C" or "P" in each course
American History & Government 6 HIST 1103, 1483 or 1493; and POLS 1113  Analytical & Quantitative Thought (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) HHP 3913  Social & Behavioral Sciences (S) 6 Any course designated (D) HHP 4902  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: 28 Hours**  Minimum GPA 2.75 with a minimum grade of "C" or "P" in each course.  EDUC 1111 MKTG 3213  BCON 1113 NSIS 2103 or EDTC 4113  ECON 1113 NSIS 21014  HHP 3114 ZOOL 3204	English Composition & Oral Communication	9	3323. (See Academic Regulation 3.5 in Catalog)		
Amalytical & Quantitative Thought (A)  Analytical & Quantitative Thought (A)  Body and the second of			SPCH 2/13		
Analytical & Quantitative Thought (A)  Analytical & Quantitative Thought (A)  Analytical & Quantitative Thought (A)  Butwanities (H)  Analytical & Guantitative Thought (A)  Butwanities (H)  But	American History & Government	6	HIST 1103, 1483 or 1493; and POLS 1113	HHP	2654
A	American History & Government		11101 1103, 1403 01 1493, and 1 OES 1113	HHP	3223
A	Analytical & Quantitative Thought	6	MATH 1513 and STAT 2013, or 2023, or	HHP	3613
Humanities (H)				ННР	3643
Deliversity (D)   Scientific Investigation (L)   Scientific Investigation (L)   College/Departmental Requirements: 28 Hours	Humanities (H)	6	6 hours any (H) courses; One course must		
Natural Sciences (N)  8 BIOL 1114 and CHEM 1314 or 1215  Social & Behavioral Sciences (S)  6 Any course designated (S)  HHP 4533  HHP 4902  HHP 4973  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: 28 Hours**  Minimum GPA 2.75 with a minimum grade of "C" or "P" in each course.  EDUC 1111 MKTG 3213  BCON 3113 MSIS 2103 or EDTC 4113  ECON 1113 NSCI 2114  HHP 3114 ZOOL 3204	( )			HHP	3663
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 (N) course work.  College/Departmental Requirements: 28 Hours  Minimum GPA 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 NSCI 2114  HHP 3114 ZOOL 3204	N ( 10 ' (N)		DIOL 4444   LOUISM 4044   4045	HHP	3723
Diversity (D)	Natural Sciences (N)	8	BIOL 1114 and CHEM 1314 or 1215	HHP	3913
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 (N) course work.  COLLEGE/DEPARTMENTAL REQUIREMENTS: 28 HOURS  Minimum GPA 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 NSCI 2114  HHP 3114 ZOOL 3204  HHP 4973  HHP 4990 (12 hours)  Select 3 hours from:  HHP 4773  HHP 4783  NSCI 4133	Social & Behavioral Sciences (S)	6	Any course designated (S)	HHP	4533
International Dimension (I)  Scientific Investigation (L)	D''t(D)		A	HHP	4902
International Dimension (I)  Scientific Investigation (L)	Diversity (D)		Any course designated (D)	HHP	4973
encouraged to meet the requirement in their selection of (N) course work.   Select 3 hours from:   HHP   4773   HHP   4783   Minimum GPA   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   NSCI   2114   HHP   3114   ZOOL   3204   Select 3 hours from:   HHP   4773   HHP   4783   NSCI   4133   A133   MSIS   2103   or EDTC 4113   ECON   1113   NSCI   2114   HHP   3114   ZOOL   3204   Select 3 hours from:   HHP   4773   HHP   4783   MSIS   4133   MSIS   2103   or EDTC 4113   ECON   1113   NSCI   2114   HHP   3114   ZOOL   3204   ECON	International Dimension (I)		Any course designated (I)	HHP	4990 (12 hours)
## Select 3 hours from:  ### 4773  ### 4783  #	Scientific Investigation (L)	-	encouraged to meet the requirement in their		
Minimum GPA 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 NSCI 2114  HHP 3114 ZOOL 3204			selection of (N) course work.	Select 3 ho	ours from:
Minimum GPA 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 NSCI 2114  HHP 3114 ZOOL 3204	College/Departm	MENTAL R	REOUIREMENTS: 28 HOURS	HHP	4773
Minimum GPA 2.75 with a minimum grade of "C" or "P" in each course.  EDUC 1111	0022242/ 2 2111111			HHP	4783
EDUC 1111 MKTG 3213  BCOM 3113 MSIS 2103 or EDTC 4113  ECON 1113 NSCI 2114  HHP 3114 ZOOL 3204	Minimum GPA 2.75 with a minimum of	grade of "C"	or "P" in each course.		
ECON 1113 NSCI 2114 HHP 3114 ZOOL 3204	EDUC 1111 MKTG	3213		NSCI	4133
HHP 3114 ZOOL 3204			EDTC 4113		
MGMT 3013	HHP 3114 ZOOL	3204			
	MGMT 3013				
	Other Requirements:		and must include 40 hours upper-division course	de	

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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## OKLAHOMA STATE UNIVERSITY

General Requirements for Students Matriculating in Academic Year 2011-2012

**BACHELOR of SCIENCE** 

MAJOR: Leisure Studies OPTION: Leisure Service Management

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: 58 HOURS		
Area	Hours	To be selected from:	     Minin	num GPA of 2.50 with a minimum grade of "C" or "P" in each course.
English Composition & Oral Communication	9	ENGL 1113 or 1313; & 1213 or 1413 or 3323. (See Academic Regulation 3.5 in Catalog) SPCH 2713	Program Coi	
			RMTR	2413
American History & Government	6	HIST 1103, 1483 or 1493; and POLS 1113	RMTR	2463
			RMTR	2473
Analytical & Quantitative Thought	6	MATH 1513 and STAT 2013, or 2023, or	RMTR	4433
(A)		2053	RMTR	4481
Humanities (H)	6	6 hours any (H) courses; One course must be lower-division.	RMTR	4493
	-		LSM Option	Requirements (24 hours)
Natural Sciences (N)	9	BIOL 1114 and CHEM 1215	RMTR	3431
	-		RMTR	3432
Social & Behavioral Sciences (S)	6	PSYC 1113 and SOC 1113	RMTR	3463
	-		RMTR	4463
Diversity (D)	3	RMTR 2443	RMTR	4563
			RMTR	4680 (9 hours - taken with 4683 in spring or summer only)
International Dimension (I)		Any course designated (I)	RMTR	4683 (taken with 4680 in spring or summer only)
Scientific Investigation (L)		Any course designated (L). Students are		
		encouraged to meet the requirement in their selection of (N) course work.	RMTR electi	ves (at least 9 hours from the following):
		( , , , , , , , , , , , , , , , , , , ,	RMTR	3313
College/Departmental Requirements: 17 Hours		RMTR	4473	
COLLEGE/ DEFARTMENTAL REQUIREMENTS. 17 HOURS		RMTR	4513	
Minimum GPA 2.50 with a minimum grade of "C" or "P" in each course.		RMTR	4553	
		RMTR	4943	
EDUC 1111 HDFS	3 2113			
ECON 1113 HHP 2603		Plus nine ho	urs of electives.	
			11	

#### 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.

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## OKLAHOMA STATE UNIVERSITY

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 EDUCA	TION REQ	QUIREMENTS: 45 HOURS		MAJOR REQUIREMENTS: 53 HOURS
Area	Hours	To be selected from:	Minim	um GPA of 2.50 with a minimum grade of "C" or "P" in each course.
English Composition & Oral Communication	9	ENGL 1113 or 1313; & 1213 or 1413 or 3323. (See Academic Regulation 3.5 in Catalog) SPCH 2713	Program Core	e <u>(16 hours)</u> 2413
American History & Government	6	HIST 1103, 1483 or 1493; and POLS 1113	RMTR RMTR	2463 2473
Analytical & Quantitative Thought (A)	6	MATH 1513 and STAT 2013, or 2023, or 2053	RMTR RMTR	4433 4481
Humanities (H)	6	6 hours any (H) courses; One course must be lower-division.	RMTR	4493
Natural Sciences (N)	9	BIOL 1114 and CHEM 1215	RMTR RMTR	2433 3413
Social & Behavioral Sciences (S)	6	PSYC 1113 and SOC 1113	RMTR RMTR RMTR	3423 3431 3433
Diversity (D)	3	RMTR 2443	RMTR	3480 (3 to 6 hours)
International Dimension (I)		Any course designated (I)	RMTR RMTR	4480 (6 to 9 hours taken with 4483 in Spring or Summer only) 4483 (taken with 4480 in Spring or Summer only)
Scientific Investigation (L)		Any course designated (L). Students are encouraged to meet the requirement in their selection of (N) course work.	RMTR Plus 6 hours	4933 of electives from the following:
College/Departm	MENTAL R	REQUIREMENTS: 22 HOURS	Upper division	n RMTR courses and/or
Minimum GPA <u>2.50</u> with a minimum g EDUC 1111 HH	grade of "C" P 2712	or "P" in each course.	EPSY 3113 EPSY 3413 EPSY 4063	HDFS 2233 HDFS 3203 HDFS 3413
HHP 2603 PS	IP 2802 YC 3443 OL 3204		LI 31 4003	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.

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## OKLAHOMA STATE UNIVERSITY

**General Requirements for Students Matriculating in Academic Year 2011-2012** 

**BACHELOR of SCIENCE** 

**MAJOR: Physical Education OPTION: Teacher Education** 

**Total Hours: 120** Minimum Overall Grade Point Average: 2.50

(cumulative graduation/retention GPA)

Other GPA requirements see below.

Area	Hours	To be selected from:	Minimum	
English Composition &	9	ENGL 1113 or 1313; & 1213 or 1413 or	HHP	18
Oral Communication		3323. (See Academic Regulation 3.5 in Catalog)	HHP	18
		SPCH 2713	HHP	18
			HHP	18
American History & Government	6	HIST 1103, 1483 or 1493; and POLS 1113	HHP	2
			HHP	20
Analytical & Quantitative Thought	6	MATH 1483 or 1513 and STAT 2013	HHP	20
(A)			HHP	20
		01 (1) 1 1 1 1	HHP	2
Humanities (H)	6	6 hours any (H) designated course work; One course must be lower-division.	HHP	3
		One course must be lower-division.	HHP	32
Natural Sciences (N)	8	BIOL 1114 and 4 hours physical science	HHP	3
ivaturai Sciences (iv)	0	BIOL 1114 and 4 hours physical science	HHP	3
Social & Behavioral Sciences (S)	6	PSYC 1113 and 3 hours to be selected from	Full admission	n requ
( )		(S) designated courses	HHP	4
			HHP	4
Diversity (D)		Any course designated (D)	HHP	4
International Dimension (I)		Any course designated (I)		
			"	PROF
Scientific Investigation (L)		Any course designated (L). Students are	Minimum GP	A 2 E(
		encouraged to meet the requirement in their selection of (N) course work.	Wilnimum GP/	4 2.50
		Selection of (N) codise work.	EDTC	3
COLUMN / DEPART	EPSY	3		
COLLEGE/ DEPART	MENIAL R	REQUIREMENTS: 10 HOURS	HHP	1
			HHP	34
A minimum grade of "C" or "P" in ea	HHP	3		
Required:	HHP	3		
EDUC 1111	Full admission			
9 hours electives (5 hours ma	Student Teac			

# MAJOR REQUIREMENTS: 44 HOURS

GPA 2.50 with a minimum grade of "C" or "P" in each course.

quired:

1723 1733 1793

# FESSIONAL CORE REQUIREMENTS: 25 HOURS

50 with a minimum grade of "C" or "P" in each course.

uired: HHP 4643

HHP 4480 (3 hours) Elementary Student Teaching: HHP 4480 (3 hours) Secondary

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.

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## OKLAHOMA STATE UNIVERSITY

**General Requirements for Students Matriculating in Academic Year 2011-2012** 

**BACHELOR of SCIENCE** 

MAJOR: Aerospace Administration and Operations OPTION: Aerospace Logistics

Minimum Overall Grade Point Average: 2.50 Total Hours: 120

(cumulative graduation/retention GPA)

Other GPA requirements see below.

GENERAL EDUCATION REQUIREMENTS: 40 HOURS			MAJOR REQUIREMENTS: 64 HOURS	
Area	Hours	To be selected from:		Minimum GPA 2.50 with a minimum grade of "C" in each course.
English Composition & Oral Communication	9	ENGL 1113 or 1313; & 1213 or 1413 or 3323. (See Academic Regulation 3.5 in Catalog) SPCH 2713	AVED	3433
			AVED	3453
American History & Government			AVED	3513
	6	HIST 1103, 1483 or 1493; and POLS 1113	AVED	3543
Analytical & Quantitative Thought (A)		MATH 1483 or 1513 and STAT 2013 or 2023	AVED	3573
	6		AVED	3663
			AVED	4103
Humanities (H)	6	PHIL 1213 and 3 hours designated (H).	AVED	4123
			AVED	4143
Natural Sciences (N)	7	Any course designated (N) and one course	AVED	4153
		designated (L)	AVED	4163
Social & Behavioral Sciences (S)	6	ECON 2103 and any course designated (S)	AVED	4173
		,	AVED	4193
Diversity (D)		Any course designated (D)	AVED	4663
			AVED	4813
International Dimension (I)		Any course designated (I)	AVED	4983
Scientific Investigation (L)		Any course designated (L). Students are encouraged to meet the requirement in their	MSIS	3303
		selection of (N) course work.	13 hours fro	om the following areas:
			Supply Chain Management	
COLLEGE/DEPARTMENTAL REQUIREMENTS: 16 HOURS		Basic Engineering for Logistics		
			- 1	siness Operations
Required: EDUC 1111			Procurement & Supplies Management (contracting)	
Recommended:  ACCT 2103 MSIS 2103  AVED 1114, 4100, 4200 MSIS 2203			Program Management	
				•
ECON 2203	0.0			
Other Requirements:				

A 2.50 GPA is required in the Major Requirements with no grade below a "C"

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## OKLAHOMA STATE UNIVERSITY

**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:		
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) 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 (N) course work.		
COLUMN / DEDARMAN AND DESCRIPTION OF THE PROPERTY OF THE PROPE				

## COLLEGE/DEPARTMENTAL REQUIREMENTS: 20 HOURS

Required: EDUC 1111
Recommended:

ACCT 2203 AVED 4100 (3 hours)
AVED 1114 AVED 4200 (3 hours)
AVED 1222 ECON 2203

Additional requirements fulfilling Bus. Admin. Minor (see adviser)

## 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.

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# MAJOR REQUIREMENTS: 60 HOURS Minimum GPA 2.50 with a minimum grade of "C" in each course. ACCT 2103 AVED 2113 AVED 3433

**Total Hours: 120** 

**OPTION: Aviation Management** 

AVED 3543 AVED 3563 AVED 3573 AVED 3663 AVED 4113 AVED 4143

AVED

**AVED** 

AVED

**AVED** 

**AVED** 

**AVED** 

3443

3453

3513

3523

AVED 4663 AVED 4883 AVED 4943

4653

4993

AVED 4953 AVED 4963



## OKLAHOMA STATE UNIVERSITY

General Requirements for Students Matriculating in Academic Year 2011-2012

**BACHELOR of SCIENCE** 

MAJOR: Aerospace Administration and Operations OPTION: Aerospace Security

**AVED** 

**AVED** 

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**AVED** 

**AVED** 

**AVED** 

2113

3433

3443 3453

3463

3473

3513

3543

3573

3663

4113

4413

4423

4433

4653

4663

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) 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 (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)

ELECTIVES: 15 Hours

Suggested courses from: Management, Political Science, Psychology

MAJOR REQUIREMENTS: 48 HOURS

Minimum GPA 2.50 with a minimum grade of "C" in each course.

#### 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.

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## OKLAHOMA STATE UNIVERSITY

**General Requirements for Students Matriculating in Academic Year 2011-2012** 

**BACHELOR of SCIENCE** 

MAJOR: Aerospace Administration and Operations OPTION: Professional Pilot

**Total Hours: 120** 

Minimum Overall Grade Point Average: 2.50

(cumulative graduation/retention GPA)

Other GPA requirements see below.

GENERAL EDUCATION REQUIREMENTS: 40 HOURS			MAJOR REQUIREMENTS: 70 HOURS		
Area	Hours	To be selected from:	Minir	num GPA 2.50 with a minimum grade of "C" in each course.	
English Composition & Oral Communication	9	ENGL 1113 or 1313; & 1213 or 1413 or 3323. (See Academic Regulation 3.5 in Catalog)	AVED	1114	
		SPCH 2713	AVED	1222	
American History & Covernment	6	HIST 1103, 1483 or 1493; and POLS 1113	AVED	1403	
American History & Government	0	HIST 1103, 1463 OF 1493, AND POLS 1113	AVED	2113	
Analytical & Quantitative Thought	6	MATH 1483, 1493, 1513 or 1613	AVED	2122	
(A)		WATT 1403, 1433, 1313 01 1013	AVED	2132	
			AVED	2142	
Humanities (H)	6	PHIL 1213 and 3 hours designated (H).	AVED	2213	
			AVED	2313	
Natural Sciences (N)	7	GEOG 3033 and PHYS 1114	AVED	3231	
			AVED	3243	
Social & Behavioral Sciences (S)	6	PSYC 1113 and any course designated (S)	AVED	3333	
Diversity (D)			AVED	3341	
	Any course designated (D)	AVED	3433		
International Dimension (I)		Any course designated (I)	AVED	3443	
			AVED	3453	
Scientific Investigation (L)		Any course designated (L). Students are	AVED	3533	
Colonial Investigation (L)		encouraged to meet the requirement in their	AVED	3663	
		selection of (N) course work.	AVED	4113	
0 /5		10.77	AVED	4133	
COLLEGE/DEPARTMENTAL REQUIREMENTS: 10 HOURS		EQUIREMENTS: 10 HOURS	AVED	4232	
Required: EDUC 1111			AVED	4303	
Recommended: AVED 3513	AVED 4200	(3 hours)	AVED	4353	
	AVED 4200 AVED 4331	(0 110410)	AVED	4653	
AVED 3563	AVED 4663		AVED	4703	
	AVED 4771				
AVED 4100 (3 hours)	AVED 4953		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"

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## OKLAHOMA STATE UNIVERSITY

General Requirements for Students Matriculating in Academic Year 2011-2012

## **BACHELOR of SCIENCE**

**OPTION: Technical Service Management MAJOR:** Aerospace Administration and Operations

ACCT

**AVED** 

AVED

**AVED** 

AVED

**AVED** 

AVED

**AVED** 

AVED

**AVED** 

**AVED** 

MGMT

2103

2113

3433

3443

3453

3513

3543

3573

3663

4113

4953

3013

25 hours of course work in Aviation Applied Science.

**Total Hours: 120** 

MAJOR REQUIREMENTS: 61 HOURS

Minimum GPA 2.50 with a minimum grade of "C" in each course.

Minimum Overall Grade Point Average: 2.50

(cumulative graduation/retention GPA)

Other GPA requirements see below.

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 thei selection of (N) course work.

a (=)	/) course accignates (2). ctasee a.c
	encouraged to meet the requirement in their
	coloction of (NI) course work

Recommended:

**AVED 1114** AVED 4100 (3 hours) AVED 4200 (3 hours) **AVED 1222** 

Some or all may need to be upper-division.

## 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.

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## OKLAHOMA STATE UNIVERSITY

General Requirements for Students Matriculating in Academic Year 2011-2012

## **BACHELOR of SCIENCE**

MAJOR: Career and Technical Education OPTION: Business and Information Technology Education

Minimum Overall Grade Point Average: 2.50

**Total Hours: 124** 

(cumulative graduation/retention GPA)

Other GPA requirements see below.

GENERAL EDUCA	TION REQ	QUIREMENTS: 44 HOURS	M.A	AJOR REQUIREMENTS: 45 HOURS
Area	Hours	To be selected from:	Minimum GPA 2	2.50 with a minimum grade of "C" or "P" in each course.
English Composition & Oral Communication  American History & Government  Analytical & Quantitative Thought	9 6	ENGL 1113 or 1313; & 1213 or 1413 or 3323. (See Academic Regulation 3.5 in Catalog) SPCH 2713  HIST 1103, 1483 or 1493; and POLS 1113  Any course designated (A). One course	Core Requirements (21 h CTED 4413 CTED 4123 CTED 4213 CTED 4223	ours) CTED 4343 CTED 4673 CTED 4683
Humanities (H)	6	must be MATH prefix.  6 hours designated (H). One course must be lower-division.	Business Courses (18 ho ACCT 2103 ACCT 2203	urs) ECON 2203 MGMT 3013
Natural Sciences (N)	8	8 hours science (N) One course must have (L)	ECON 2103	MKTG 3213
Social & Behavioral Sciences (S)	6	PSYC 1113 and SOC 1113	Technology Courses (6 h CTED 4110 (3 hou MSIS 2103	·
Diversity (D)	-	Any course designated (D)		
International Dimension (I)	3	Any course designated (I). CTED 4333 recommended.		ONAL CORE REQUIREMENTS: 26 HOURS a minimum grade of "C" or "P" in each course.
Scientific Investigation (L)		Any course designated (L). Students are encouraged to meet the requirement in their selection of (N) course work.	CTED 3203 CTED 3903	EPSY 3213 SCFD 3223
College/Departmental Requirements: 9 Hours		CTED 4103	SPED 3202	
9 hours of electives (5 hours may need to be foreign language)		EDTC 4113 Full admission required:	CTED 4470 (6 hours)	

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.

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DEAN	SCHOOL HEAD



## OKLAHOMA STATE UNIVERSITY

**General Requirements for Students Matriculating in Academic Year 2011-2012** 

## **BACHELOR of SCIENCE**

MAJOR: Career and Technical Education OPTION: Health Occupations Education

**Total Hours: 124** 

Minimum Overall Grade Point Average: 2.50

(cumulative graduation/retention GPA)

Other GPA requirements see below.

GENERAL EDUCATION REQUIREMENTS: 44 HOURS		QUIREMENTS: 44 HOURS	MAJOR REQUIREMENTS: 45 HOURS	
Area	Hours	To be selected from:	Minimum GPA <u>2.50</u> with a minimum grade of "C" or "P" in each course.	
English Composition & Oral Communication	9	ENGL 1113 or 1313; & 1213 or 1413 or 3323. (See Academic Regulation 3.5 in Catalog) SPCH 2713	Core Requirements (21 hours) CTED 4413 CTED 4343	
American History & Government	6	HIST 1103, 1483 or 1493; and POLS 1113	CTED 4123 CTED 4673 CTED 4213 CTED 4683 CTED 4223	
Analytical & Quantitative Thought (A)	6	Any course designated (A). One course must be MATH prefix.		
			Health related courses (24 hours)  Specific courses:	
Humanities (H)	6	6 hours designated (H). One course must be lower-division.	HHP 2213 HHP 3913 HHP 2603 HHP 4643	
Natural Sciences (N)	8	8 hours science (N) One course must have (L)	HHP 3613 HHP 4723 HHP 3623 HHP 4973	
Social & Behavioral Sciences (S)	6	PSYC 1113 and SOC 1113	OR CTED 3000 (24 hours), successful completion of the NOCTI Exam (grade of "P")	
Diversity (D)		Any course designated (D)	OR 24 hours of health-related course work selected in consultation with advisor.	
International Dimension (I)	3	Any course designated (I). CTED 4333 recommended.	PROFESSIONAL CORE REQUIREMENTS: 26 HOURS	
Scientific Investigation (L)		Any course designated (L). Students are encouraged to meet the requirement in their selection of (N) course work.	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	
College/Depart	MENTAL Ì	REQUIREMENTS: 9 HOURS	EDTC 3123 or 4113	
9 hours of electives (5 hours may need to be foreign language)		ign language)	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.

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## OKLAHOMA STATE UNIVERSITY

**General Requirements for Students Matriculating in Academic Year 2011-2012** 

BACHELOR of SCIENCE

**MAJOR: Career and Technical Education OPTION: Marketing 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	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 (N) course work.		
COLLEGE/DEPARTMENTAL REQUIREMENTS: 6 HOURS				

## COLLEGE/DEPARTMENTAL KEQUIREMENTS: 6 HOURS

6 hours of electives (5 hours may need to be foreign language)

## MAJOR REQUIREMENTS: 48 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

Marketing courses (27 hours)

ACCT 2103 MKTG 3323 ECON 2103 MKTG 3433 FIN 2123 or LSB 3213 MKTG 3513 MGMT 3013 MKTG 4553

MKTG 3213

## PROFESSIONAL CORE REQUIREMENTS: 26 HOURS

Minimum GPA 2.50 with a minimum grade of "C' or "P" in each course.

EPSY 3213 CTED 3203 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.

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## OKLAHOMA STATE UNIVERSITY

**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 EDUCA	TION REQ	QUIREMENTS: 44 HOURS	MAJOR REQUIREMENTS: 45 HOURS		
Area Hours To be selected from:		To be selected from:	Minimum GPA <u>2.50</u> with a minimum grade of "C" or "P" in each course.		
English Composition & Oral Communication	9	ENGL 1113 or 1313; & 1213 or 1413 or 3323. (See Academic Regulation 3.5 in Catalog) SPCH 2713	Core Requirements (21 hours) CTED 4413 CTED 4223 CTED 4673		
American History & Government	6	HIST 1103, 1483 or 1493; and POLS 1113	CTED 4123 CTED 4343 CTED 4683 CTED 4213		
Analytical & Quantitative Thought (A)	6	Any course designated (A). One course must be MATH prefix.	CTED 3000 (24 hours), successful completion of the NOCTI Exam (grade of "P"), or the		
Humanities (H)	6	6 hours designated (H). One course must be lower-division.	transfer of approved technical work in a teaching area. (40 hours of the 124 total hours must be upper-division course work.)		
Natural Sciences (N)	8	8 hours science (N) One course must have (L)			
Social & Behavioral Sciences (S)	6	PSYC 1113 and ECON 1113 or SOC 1113			
Diversity (D)		Any course designated (D)	December of the Control of the Contr		
International Dimension (I)	3	Any course designated (I). CTED 4333 recommended.	PROFESSIONAL CORE REQUIREMENTS: 26 HOURS  Minimum GPA 2.50 with a minimum grade of "C" or "P" in each course.  CTED 3203 EPSY 3213		
Scientific Investigation (L)		Any course designated (L). Students are encouraged to meet the requirement in their selection of (N) course work.	CTED 3903 SCFD 3223 CTED 4103 SPED 3202		
College/Depart	MENTAL I	REQUIREMENTS: 9 HOURS	EDTC 3123 or 4113		
9 hours of electives (5 hours may ne	ed to be fore	eign language)	Full admission required: CTED 4470 (6 hours)		
011			LI		

## 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.

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## OKLAHOMA STATE UNIVERSITY

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 EDUCA	TION REQ	QUIREMENTS: 44 HOURS	Major Requirement: 80 Hours		
Area Hours To be selected from:		To be selected from:	Minimum GPA 2.00 with a minimum grade of "C" or "P" in each course.		
English Composition & Oral Communication	9	ENGL 1113 or 1313; & 1213 or 1413 or 3323. (See Academic Regulation 3.5 in Catalog)	Students must complete one of the following options:  Option 1		
		SPCH 2713	26 hours of technical coursework selected in consultation with advisor (6 hrs. must be from a senior college: 1 hr. must be upper division)		
American History & Government	6	HIST 1103, 1483 or 1493; and POLS 1113	12 hours must be earned through CTED 4010 (1-6 hrs.) and CTED 4110 (1-6 hrs.) focusing on technical education experience.		
Analytical & Quantitative Thought (A)	6	Any course designated (A). One course must be MATH prefix.	15 hours must be earned through CTED 2000, Field Experiences.		
Humanities (H)	6	6 hours designated (H). One course must be lower-division.	27 hours:         CTED 3203       CTED 4213       CTED 4673         CTED 4103       CTED 4223       CTED 4683         CTED 4413       CTED 4343       EDTC 4113		
Natural Sciences (N)	8	8 hours science (N) One course must have (L)	Option 2  26 hours of technical coursework selected in consultation with advisor. (6 hrs. must be from a senior college).		
Social & Behavioral Sciences (S)	6	PSYC 1113 and SOC 1113	3 hours must be earned through CTED 4010 (1-6 hrs.) and CTED 4110 (1-6 hrs.) focusing on technical education experience.		
Diversity (D)		Any course designated (D)	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.		
International Dimension (I)	3	Any course designated (I). CTED 4333 recommended.	<u>27</u> hours: CTED 3203		
Scientific Investigation (L)		Any course designated (L). Students are encouraged to meet the requirement in their selection of (N) course work.	CTED 4103		

#### 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.

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## OKLAHOMA STATE UNIVERSITY

General Requirements for Students Matriculating in Academic Year 2011-2012

**BACHELOR of SCIENCE** 

MAJOR: Career and Technical Education OPTION: Technology Education

**Total Hours: 124** 

Minimum Overall Grade Point Average: 2.50

Other GPA requirements see below.

(cumulative graduation/retention GPA)

GENERAL EDUCATION REQUIREMENTS: 44 HOURS			MAJOR REQUIREMENT: 50 HOURS	
Area	Hours	To be selected from:	Minimum GPA <u>2.50</u> with a minimum grade of "C" or "P" in each course.	
English Composition & Oral Communication	9	ENGL 1113 or 1313; & 1213 or 1413 or 3323. (See Academic Regulation 3.5 in Catalog) SPCH 2713	Core Requirements (15 hours)   CTED 4413   CTED 4343   CTED 4123   CTED 4683   CTED 4213	
American History & Government	6	HIST 1103, 1483 or 1493; and POLS 1113	Technology courses (35 hours)	
Analytical & Quantitative Thought (A)	6	MATH 1483 or 1513 STAT 2013	ENGR 1111 ENGR 1113 ENGR 1322	
Humanities (H)	6	6 hours designated (H). One course must be lower-division.	FIN 2123 GENT 1153 GENT 1223	
Natural Sciences (N)	8	PHYS 1014 and CHEM 1314	HES 2111 IEM 2903	
Social & Behavioral Sciences (S)	6	PSYC 1113; and ECON 1113 or SOC 1113	MSIS 2103 MET 1103 MET 1223	
Diversity (D)		Any course designated (D)	MCAG 3211 MCAG 3222	
International Dimension (I)	3	Any course designated (I). CTED 4333 recommended.	NREM 1214	
Scientific Investigation (L)	Any course designated (L). Students are encouraged to meet the requirement in their selection of (N) course work.		PROFESSIONAL CORE REQUIREMENTS: 26 HOURS  Minimum GPA 2.50 with a minimum grade of "C" or "P" in each course.	
COLLEGE/DEPARTMENTAL REQUIREMENTS: 4 HOURS			CTED 3203 EDTC 3123 or 4113 SCFD 3223 CTED 3903 EPSY 3213 SPED 3202 CTED 4103	
4 hours of electives (5 hours may need to be foreign language).			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.

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## OKLAHOMA STATE UNIVERSITY

**General Requirements for Students Matriculating in Academic Year 2011-2012** 

**BACHELOR of SCIENCE** 

**MAJOR: Elementary Education** 

Minimum Overall Grade Point Average: 2.50 Total Hours: 124

(cumulative graduation/retention GPA)

Other GPA requirements see below.

General Edu	CATION R	EQUIREMENTS: 6 HOURS	М	IAJOR REQU	IREMENTS: 79 HOURS
Area Hours To be selected from:		Minimum GPA <u>2.50</u> with a minimum grade of "C" or "P" in each course.			
				Subject Area (	Concentrations 48 Hours
English Composition & Oral Communication		9 hours are included in the Major Requirements	Area	Hours	To be selected from:
			Mathematics	12	6 hours from MATH 1483, 1493 or 1513; and MATH 3403 and 3603
American History & Government	3	POLS 1113; 3 hours American History are included in the Major Requirements.	English	12	ENGL 1113 or 1313 and 1213 or 1413; ENGL 2413 or 1923 or any literature survey and SPCH 2713
Analytical & Quantitative Thought (A)		6 hours of (A) designated courses are included in the Major Requirements.	Social Studies	12	HIST 1103 or 1483 or 1493; HIST 1613; GEOG 1113 or 2253; PSYC 1113 or SOC 1113
Humanities (H)	3	ART 1603 and 3 hours (H) included in Major Requirements	Natural Sciences	12	One course in Biological Science; one Course in Physical Science (CHEM or PHYS prefix), one science elective
Natural Sciences (N)		8 hours of (N) designated courses are included in the Major Requirements.  Courses required during Junior year:  CIED 3153 CIED 3293 CIED 4233  CIED 3253+ CIED 4213		3	
Social & Behavioral Sciences (S)		Taken as a block semester prior to student teaching:  *CIED 3430 (1 hour) *CIED 4153 *CIED 4353  *CIED 4023 *CIED 4323 *CIED 4362  *CIED 4041		dent teaching: 3 *CIED 4353 3 *CIED 4362	
Diversity (D) Any course designated (D)		*Full admission to Professional Education required. +Students must pass the Oklahoma Reading Test to receive a passing grade.			
, ,		, , ,	Profess	SIONAL CORI	E REQUIREMENTS: 29 HOURS
International Dimension (I)		Any course designated (I) included in the Major Requirements.	Minimum GPA 2.50 with	n a minimum gra	ade of "C' or "P" in each course.
		Major rrequirements.	CIED 2450 (1 hour)	EPSY 31	
Scientific Investigation (L)		Any course designated (L). Students are	CIED 3622 EDTC 3123	HHP 2603	3 SPED 3202
ocientino investigation (L)	_	encouraged to meet the requirement in their selection of (N) course work.  Student Teaching Block: *CIED 4453, *CIED 4450 (9 hours)		*CIED 4450 (9 hours)	
College/Depart	MENTAL .	REQUIREMENTS: 10 HOURS	Trull admission to Profe	ssional Educati	ion required.
Required: EDUC 1111 9 ho	urs of electi	ves (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. For clarification see OSU academic advisor.

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## OKLAHOMA STATE UNIVERSITY

General Requirements for Students Matriculating in Academic Year 2011-2012

**BACHELOR of SCIENCE** 

**MAJOR: Secondary Education OPTION: English** 

Minimum Overall Grade Point Average: 2.50 **Total Hours: 124** 

(cumulative graduation/retention GPA)

Other GPA requirements see below.

GENERAL EDUCA	TION REQ	QUIREMENTS: 25 HOURS	MAJOR
Area	Hours	To be selected from:	Minimum GPA <u>2.75</u> v
English Composition & Oral Communication		9 hours English Composition and oral communication are included in the Major Requirements.	ENGL 1113 or 1313 ENGL 1213 or 1413 of CIED 4313 EDUC 4110 (3 hrs.) T
American History & Government	6	HIST 1103, 1483 or 1493; and POLS 1113	EDUC 4110 (3 hrs.) T ENGL 2453
Analytical & Quantitative Thought (A)	5	MATH 1715 OR MATH 1483, 1493, 1513, 1613 AND PHIL 1313 or 3003	ENGL 2543 ENGL 2653 ENGL 2773 ENGL 2883
Humanities (H)	3	ART 1603 and 3 additional hours included in the Major Requirements.	ENGL 3173 ENGL 3183, 3190 (3 ENGL 3203 ENGL 3243 or 3263 ENGL 4013 ENGL 4263, 4450 (3 ENGL 4723 (or 3933 ENGL 4310 (3) or 43 PHIL 4113 or 4453 SPCH 2713 A ENGL 4000 level course
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.	PROFESSIONA  Minimum GPA 2.50 with a min
Scientific Investigation (L)		Any course designated (L). Students are encouraged to meet the requirement in their selection of (N) course work.	CIED 3313 Fall Semester *CIED 4713 (Fall Semester EDTC 3123 EPSY 3213
College/Depart	MENTAL I	REQUIREMENTS: 9 HOURS	SCFD 3223 SPED 3202
Minimum grade of "C" or "P" in each	course.		Student Teaching – Spring Se

**CIED 4473 EDUC 1111** 

5 hours electives: (5 hours may need to be foreign language) (6 hours upper division English recommended)

## AJOR REQUIREMENTS: 63 HOURS

.75 with a minimum grade of "C" or "P" in each course.

413 or 3323 (See Academic Regulation 3.5 in Catalog)

rs.) Teaching, Writing in the Secondary Schools rs.) Teaching Grammar in the Secondary Schools

90 (3), 3193, or 3813

50 (3), or 4350 (3)

3933 in consultation with adviser)

or 4320 (3)

453 or any 4000 level ENGL course

urse in Literature before 1800

## ONAL CORE REQUIREMENTS: 27 HOURS

minimum grade of "C" or "P" in each course.

ter prior to Student Teaching)

ng Semester only:

\*CIED 4720 (6 hours), \*CIED 4724

\*Full admission to Professional Education required.

## Other Requirements:

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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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## OKLAHOMA STATE UNIVERSITY

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.

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 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) Recommended: SCFD 4913 or GEOG 1113		
Scientific Investigation (L)		Any course designated (L). Students are encouraged to meet the requirement in their selection of (N) course work.		
College/Departm	ENTAL R	EQUIREMENTS: 12 HOURS		
Minimum grade of "C" or "P" in each co	ourse.			
Required: ENGL 2443 and PHIL 1313				
Recommended: CIED 4473 EDUC 1111 HIST 3273 CPSY 4443 HIST 3463		POLS 3143 POLS 3193 SPCH 4753		

## **MAJOR REQUIREMENTS: 40 HOURS**

Minimum GPA 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

3803 and 3813

German: Advanced Language 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 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:

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 delay graduation

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DEAN SCHOOL HEAD



## OKLAHOMA STATE UNIVERSITY

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 (N) course work.		
		1		

## COLLEGE/DEPARTMENTAL REQUIREMENT: 10 HOURS

Minimum grade of "C" or "P" in each course.

Required: EDUC 1111

Electives: 9 hours (5 hours may need to be Foreign Language)

## MAJOR REQUIREMENTS: 43 HOURS

Minimum GPA 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 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.



## OKLAHOMA STATE UNIVERSITY

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.

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.

Required: EDUC 1111 and 3 hours controlled electives from: PHIL 3933, 4713, 4733,

6 hours electives: (5 hours may need to be foreign language)

## **MAJOR REQUIREMENTS: 57 HOURS**

Minimum GPA 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 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 FPSY 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.

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DEAN	SCHOOL HEAD		



## OKLAHOMA STATE UNIVERSITY

**General Requirements for Students Matriculating in Academic Year 2011-2012** 

**BACHELOR of SCIENCE** 

MAJOR: Secondary Education OPTION: Social Studies

Minimum Overall Grade Point Average: 2.50 Total Hours: 124

(cumulative graduation/retention GPA)

Other GPA requirements see below.

GENERAL EDUCATION REQUIREMENTS: 22 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		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 (I)		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 <u>must</u> successfully complete OSAT (017), "U.S. History/OK History/Government/Economics". Students <u>may</u> also take OSAT (018), World History/Geography" and/or OSAT (032) "Psychology/Sociology" to add additional certification areas.

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# 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



OKLAHOMA STATE UNIVERSITY

General Requirements for Students Matriculating in Academic Year 2011-2012

**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.

GENERAL EDUCATION REQUIREMENTS: 38 HOURS		QUIREMENTS: 38 HOURS	MAJOR REQUIREMENTS: 61 HOURS
Area	Hours	To be selected from:	COMMON PROFESSIONAL SCHOOL: 12 HOURS
Underlined courses below are Pre-Er General Education requirements.	ngineering re	equirements used simultaneously to meet	Engineering Science 6 ENSC 3233, 3313
English Composition & Oral Communication	6	ENGL 1113 or 1313, 1213 or 1413. 3323 may be substituted for 1213, subject to Academic Regulation 3.5.	Basic Science 3 From: ASTR <u>1014</u> , <u>1024</u> ; BIOL <u>1114</u> , CHEM 3053, GEOL <u>1114</u> PHYS 3213, 3313, 3713
American History & Government	6	HIST 1103; POLS 1113	GEOL 3413
Analytical & Quantitative Thought (A)	13	MATH <u>2144</u> , <u>2153</u> , 2163, 2233	Social & Behavioral Sciences (S) 3 Any course designated (S) at OSU.  Consult the college & departmental
Humanities (H)	6	Any courses designated (H) at OSU.	requirements.
Natural Sciences (N)	4	CHEM <u>1414</u> or <u>1515</u>	
Social & Behavioral Sciences (S)	3	Any course designated (S) at OSU. Consult the college & departmental requirements.	SPECIFIC PROFESSIONAL SCHOOL REQUIREMENTS: 49 HOURS
Diversity (D)		Any courses designated (D). Students are encouraged to meet the requirement in their selection of (H) or (S) course work.	Admitted to the Professional School of Mechanical and Aerospace Engineering.  (See Professional School admission requirements in the <i>Catalog</i> .)  1. A total of 43 credit hours as follows:
International Dimension (I)		Any course designated (I). Students are encouraged to meet the requirement in their selection of (H) or (S) course work.	MAE 3013, 3033, 3113, 3253, 3293, 3323, 3403, 3723, 4223, 4243, 4283, 4374, 4513
Scientific Investigation (L)		Any course designated (L). Normally met by Natural Sciences and/or Basic Science requirements.	IEM 3503  2. 6 hours must be selected from:
•		NTAL REQUIREMENTS NG: 28 Hours	MAE 3123, 3223, 3233, 4053, 4063, 4273, 4333, 4363, 4733, 4213 with at least 3 hours selected from the 4000 level courses.
Basic Science	8	PHYS <u>2014</u> , <u>2114</u>	
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 2.00 GPA is required in all course work listed in the right hand column above.

A "C" or better is required in each course that is a prerequisite for a major course.

A minimum overall 2.00 GPA is required in 4000-level MAE prefix courses.

The major engineering design experience, capstone course, requirement is satisfied by MAE 4374.

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DEAN	DEPARTMENT HEAD		



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: 2.00 Total Hours: 133

(cumulative graduation/retention GPA)

Other GPA requirements see below.

GENERAL EDUCA	TION REQ	QUIREMENTS: 38 HOURS	MAJOR RI	EQUIRE	EMENTS: 68 HOURS
Area	Hours	To be selected from:	COMMON PROF	ESSIO!	NAL SCHOOL: 46 HOURS
Underlined courses below are Pre-Engi Education requirements.	ineering requ	irements used simultaneously to meet General	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 <u>1114</u>
Analytical & Quantitative Thought (A)	13	MATH <u>2144</u> , <u>2153</u> , 2163, 2233	Engineering Economics	3	IEM 3503
Humanities (H)	6	Any course designated (H) at OSU. Consult the college & departmental requirements.	Biosystems Engineering	30	BAE 1012, 1022, 2012, 2023, 3013, 3023, 3113, 3213, 3313, 4001, 4012, 4023
Natural Sciences (N)	4	CHEM <u>1414</u>	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.			
International Dimension (I)		Any course designated (I). Students are	SPECIFIC OPTION	ON REC	QUIREMENTS: 22 Hours
		encouraged to meet the requirement in their selection of (H) or (S) course work.	Admitted to the Professional Scho (See Professional School admissi		
Scientific Investigation (L)		Any course designated (L). Normally met by Natural Sciences and/or Basic Science requirements.	Biosystems Engineering	4	BAE 4224
,		NTAL REQUIREMENTS NG: 27 HOURS	Material Science  Controlled Electives	3 15	ENSC 3313  Engineering and/or science electives to be selected from an approved list upon
Basic Science	8	PHYS <u>2014</u> , <u>2114</u>			consultation with an adviser.
Engineering	4	ENGR 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 2.00 GPA is required in all course work listed in the right hand column above.

A "C" or better is required in each course that is a prerequisite for a major course.

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OKLAHOMA STATE UNIVERSITY

General Requirements for Students Matriculating in Academic Year 2011-2012

**BACHELOR of SCIENCE in BIOSYSTEMS ENGINEERING** 

**MAJOR: Biosystems Engineering OPTION: Bioprocessing & Biotechnology** 

**Total Hours: 133** 

Minimum Overall Grade Point Average: 2.00

(cumulative graduation/retention GPA)

Other GPA requirements see below.

GENERAL EDUCA	TION REQ	QUIREMENTS: 38 HOURS	MAJOR RE	QUIR	EMENTS: 68 HOURS
Area	Hours	To be selected from:	COMMON PROFESSIONAL SCHOOL: 46 HOURS		ONAL 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 <u>1114</u>
Analytical & Quantitative Thought (A)	13	MATH <u>2144</u> , <u>2153</u> , 2163, 2233	Engineering Economics	3	IEM 3503
Humanities (H)	6	Any course designated (H) at OSU. Consult the college & departmental requirements.	Biosystems Engineering	30	BAE 1012, 1022, 2012, 2023, 3013, 3023, 3113, 3213, 3313, 4001, 4012, 4023
Natural Sciences (N)	4	CHEM <u>1414</u>	11	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.	Admitted to the Professional School of Biosystems Engineering.  (See Professional School admission requirements in the Catalog.)		
International Dimension (I)		Any course designated (I). Students are encouraged to meet the requirement in their selection of (H) or (S) course work.	Biosystems Engineering	3	BAE 4283
Scientific Investigation (L)		Any course designated (L). Normally met by	Microbiology	5	MICR 2123, 2132
		Natural Sciences and/or Basic Science requirements.	Organic Chemistry	3	CHEM 3053
College/De	 EPARTMEN	NTAL REQUIREMENTS	Biochemistry	3	BIOC 3653
		NG: 27 Hours	Biochemistry Lab	3	BIOC 3723
Basic Science	8	PHYS <u>2014</u> , <u>2114</u>	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.

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.

A "C" or better is required in each course that is a prerequisite to BAE courses.

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OKLAHOMA STATE UNIVERSITY

General Requirements for Students Matriculating in Academic Year 2011-2012

**BACHELOR of SCIENCE in BIOSYSTEMS ENGINEERING** 

MAJOR: Biosystems Engineering OPTION: Environment and Natural Resources

Minimum Overall Grade Point Average: 2.00 Total Hours: 133

(cumulative graduation/retention GPA)

Other GPA requirements see below.

GENERAL EDUCA	TION REQ	QUIREMENTS: 38 HOURS	MAJOR RI	EQUIRI	EMENTS: 71 HOURS
Area	Hours	To be selected from:	COMMON PROF	ESSIO	NAL SCHOOL: 46 HOURS
Underlined courses below are Pre-Engi Education requirements.	neering requ	irements used simultaneously to meet General	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 <u>1114</u>
Analytical & Quantitative Thought (A)	13	MATH <u>2144</u> , <u>2153</u> , 2163, 2233	Engineering Economics	3	IEM 3503
Humanities (H)	6	Any course designated (H) at OSU. Consult the college & departmental requirements.	Biosystems Engineering	30	BAE 1012, 1022, 2012, 2023, 3013, 3023, 3113, 3213, 3313, 4001, 4012, 4023
Natural Sciences (N)	4	CHEM <u>1414</u>	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.	11	• .	
Diversity (D)		Any courses 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.	SPECIFIC OPTIO  Admitted to the Professional Scho (See Professional School admission)	ol of Bio	•
Scientific Investigation (L)		Any course designated (L). Normally met by Natural Sciences and/or Basic Science	Biosystems Engineering	3	BAE 4313
		requirements.	Soil Science	4	SOIL <u>2124</u>
		NTAL REQUIREMENTS NG: 24 HOURS	Ecology	4	BIOL 3034
Basic Science	8	PHYS <u>2014</u> , <u>2114</u>	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:					

#### 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.

A "C" or better is required in each course that is a prerequisite to BAE courses.

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OKLAHOMA STATE UNIVERSITY

General Requirements for Students Matriculating in Academic Year 2011-2012

**BACHELOR of SCIENCE in BIOSYSTEMS ENGINEERING** 

MAJOR: Biosystems Engineering OPTION: Food Processing

Minimum Overall Grade Point Average: 2.00 Total Hours: 133

(cumulative graduation/retention GPA)

Other GPA requirements see below.

GENERAL EDUCA	TION REQ	QUIREMENTS: 38 HOURS	MAJOR RE	QUIRI	EMENTS: 68 HOURS
Area	Hours	To be selected from:	COMMON PROFI	ESSIO.	NAL SCHOOL: 46 HOURS
Underlined courses below are Pre-Engine Education requirements.	neering requ	irements used simultaneously to meet General	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 <u>1114</u>
Analytical & Quantitative Thought (A)	13	MATH <u>2144</u> , <u>2153</u> , 2163, 2233	Engineering Economics	3	IEM 3503
Humanities (H)	6	Any course designated (H) at OSU. Consult the college & departmental requirements.	Biosystems Engineering	30	BAE 1012, 1022, 2012, 2023, 3013, 3023, 3113, 3213, 3313, 4001, 4012, 4023
Natural Sciences (N)	4	CHEM <u>1414</u>	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.			
International Dimension (I)		Any course designated (I). Students are	SPECIFIC OPTIO	ON RE	QUIREMENTS: 22 HOURS
(,)		encouraged to meet the requirement in their selection of (H) or (S) course work.	Admitted 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	Biosystems Engineering	3	BAE 4413
		requirements.	Organic Chemistry	3	CHEM 3053
		NTAL REQUIREMENTS NG: 27 HOURS	Microbiology	5	MICR 2123, 2132
Basic Science	8	PHYS <u>2014</u> , <u>2114</u>	Controlled Electives	11	Engineering and/or science electives to be selected from an approved list upon
Engineering	4	ENGR 1322, 1412			consultation with an adviser.
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 2.00 GPA is required in all course work listed in the right hand column above.

A "C" or better is required in each course that is a prerequisite to BAE courses.

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OKLAHOMA STATE UNIVERSITY

General Requirements for Students Matriculating in Academic Year 2011-2012

**BACHELOR of SCIENCE in CHEMICAL ENGINEERING** 

**MAJOR: Chemical Engineering** 

Minimum Overall Grade Point Average: 2.00 Total Hours: 130

(cumulative graduation/retention GPA)

Other GPA requirements see below.

GENERAL EDUCA	TION REQ	QUIREMENTS: 39 HOURS	MAJOR R	EQUIR	REMENTS: 66 HOURS		
Area	Hours	To be selected from:	COMMON PROFESSIONAL SCHOOL: 15 HOURS				
Underlined courses below are Pre-Engineering requirements used simultaneously to meet General Education requirements.		Mathematics	3 STAT 2013, 2023, 2053, <u>4013</u> , 4033, 405 or 4073				
English Composition & Oral Communication	6	ENGL 1113 or 1313, 1213 or 1413, 3323. (See Academic Regulation 3.5)	Engineering Science	6	ENSC 3233, 3313		
American History & Government	6	HIST 1103; POLS 1113	Advanced Chemical Science	3	From: ANSI 3423, BIOC 3653, 3723, 4113 BIOL 3023, CHEM 3353, 3553, 4020,		
Analytical & Quantitative Thought (A)	13	MATH <u>2144</u> , <u>2153</u> , 2163, 2233 or 3263			FDSC 3373, 4473; GEOL 4403, MICR 3033 or similar advanced chemical transformation of matter courses approved		
Humanities (H)	6	Courses designated (H) at OSU. Consult the college & departmental requirements.	Social & Behavioral Sciences (S)	3	by school advisers.  Courses designated (S) at OSU. Consult		
Natural Sciences (N)	5	CHEM <u>1515</u>	Social & Deliaviolal Sciences (S)	3	the college & departmental requirements.		
Social & Behavioral Sciences (S)	3	Courses designated (S) at OSU. Consult the college & departmental requirements.	SPECIFIC PROFESSIONAL SCHOOL REQUIREMENTS: 45 HOURS				
Diversity (D)		Courses designated (D). Students are encouraged to meet the requirement in their selection of (H) or (S) course work.	Admitted to the Professional School (See Professional School admissi		• •		
International Dimension (I)		Courses designated (I). Students are encouraged to meet the requirement in their selection of (H) or (S) course work.	CHE 2033 4002 3013 4112 3113 4124 3123 4224		CHEM 3053 3112* 3153* 3433		
Scientific Investigation (L)		Courses designated (L). Normally met by Natural Sciences and/or Basic Science requirements.	3333 4581 3473 4843		3433		
•		ITAL REQUIREMENTS NG: 25 HOURS	* The combination of BIOC 3653 and 3723 may be substituted for the combination of CHEM 3112 and 3153.				
Basic Science	8	PHYS <u>2014</u> , <u>2114</u>	CONTROL	LED E	ELECTIVES: 6 HOURS		
Engineering	5	ENGR 1111, 1412	6 credits restricted electives. See CHE adviser must approve.	school	policy and approved course list.		
Engineering Science	12	ENSC 2113, 2143, 2213, 2613	on⊏ adviser must approve.				

#### 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.

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OKLAHOMA STATE UNIVERSITY

General Requirements for Students Matriculating in Academic Year 2011-2012

**BACHELOR of SCIENCE in CHEMICAL ENGINEERING** 

MAJOR: Chemical Engineering OPTION: Biomedical/Biochemical

Minimum Overall Grade Point Average: 2.00 Total Hours: 134

(cumulative graduation/retention GPA)

Other GPA requirements see below.

GENERAL EDUCA	TION REQ	QUIREMENTS: 47 HOURS
Area	Hours	To be selected from:
Underlined courses below are Pre-Engine Education requirements.	neering requ	irements used simultaneously to meet General
English Composition & Oral Communication	6	ENGL 1113 or 1313, 1213 or 1413, 3323. (See Academic Regulation 3.5)
American History & Government	6	HIST 1103; POLS 1113
Analytical & Quantitative Thought (A)	13	MATH <u>2144</u> , <u>2153</u> , 2163, 2233 or 3263
Humanities (H)	6	Courses designated (H) at OSU. Consult the college & departmental requirements. Must include PHIL 3823 or equivalent with Chemical advisor approval.
Natural Sciences (N)	13	CHEM <u>1515</u> , PHYS <u>2014</u> , <u>2114</u>
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.
-		NTAL REQUIREMENTS NG: 17 HOURS
Engineering	5	ENGR 1111, 1412
Engineering Science	12	ENSC 2113, 2143, 2213, 2613

	Major Re	QUIRE	MENTS: 70	Hours	
Specifi	c Profession	AL SCHO	OOL REQUIRE	MENTS: 61 Hours	
BIOL	1114				
CHE	2033 3013	3123 3333		4224 4581	
	3113	3473	4124	4843	
CHEM	3053 3112 * 3153 * 3433				
ENSC	3233 3313				
STAT	2013, 202	23, 2053,	<u>4013,</u> 4033, 40	053 or 4073	
Social & Behavior	al Sciences (S)	3		gnated (S) at OSU. ollege & departmental s.	
*The combination BIOC 3653 and 37		d 3153 m	ay be replaced	by the combination	
	CONTROL	LED <b>E</b> L	ECTIVES: 9	Hours	
Advanced Chemic	al Science	3	CHEM 3153,	3723, 4113; BIOL 3023; 3353, 3553, 4020; 4473; GEOL 4403;	
Bioengineering/Bio	oscience	6	BAE 3113, 3	423, 4423	
Electives			BIOL 3023 CHE 4283, 4	4113, 4224, 5824 293, 5283, 5293 & 2132, 3033; ZOOL <u>1604</u>	

#### 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.

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OKLAHOMA STATE UNIVERSITY

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.

GENERAL EDUCA	TION REQ	QUIREMENTS: 36 HOURS	Major R	<b>EQUIR</b>	EMENTS: 72 HOURS		
Area	Hours	To be selected from:	COMMON PROFESSIONAL SCHOOL: 18 HOURS				
Underlined courses below are Pre-Engineering requirements used simultaneously to meet General Education requirements.			Mathematics		3 STAT 2013, 2023, 2053, <u>4013</u> , 4033, 40 or 4073		
English Composition & Oral Communication	6	ENGL 1113, 1213, 1313, 1413 or 3323. (See Academic Regulation 3.5)	Engineering Science	6	ENSC 3233, 3313		
American History & Government	6	HIST 1103; POLS 1113	Advanced Chemical Science	3	From: ANSI 3423, BIOC 3653, BIOL 3023,		
Analytical & Quantitative Thought (A)	13	MATH <u>2144</u> , <u>2153</u> , 2163, 2233 or 3263			CHEM 3353, 3553, 4020, GEOL 4403, FDSC 3373, MICR 3033 or similar		
Humanities (H)	6	Course designated (H) at OSU. Consult the college & departmental requirements.			advanced chemical transformation of matter courses approved by school adviser.		
Natural Sciences (N)	5	CHEM <u>1515</u>	0	•	0   1/		
Social & Behavioral Sciences (S)	-	Courses designated (S) at OSU. Consult the college & departmental requirements.	Social & Behavioral Sciences (S)	6	Select from: ECON 3903, GEOG 3153, POLS 4363, 4593, SOC 4433. Consult a		
Diversity (D)		Courses designated (D). Students are encouraged to meet the requirement in their selection of (H) or (S) course work.	SPECIFIC PROFESSIONAL SCHOOL REQUIREMENTS: 48 HOUR  Admitted to the Professional School of Chemical Engineering.				
International Dimension (I)		Courses designated (I). Students are encouraged to meet the requirement in their selection of (H) or (S) course work.	(See Professional School admission requirements in the Catalog.)				
Scientific Investigation (L)		Courses designated (L). Normally met by Natural Sciences and/or Basic Science requirements.			nay be substituted for the combination of		
		NTAL REQUIREMENTS	Control	LLED E	LECTIVES: 6 HOURS		
PRE-E	NGINEERI	NG: 25 Hours	6 From: BIOL 3033 BIOC 3543		BOT 3253 CHE 5873		
Basic Science	8	PHYS <u>2014</u> , <u>2114</u>	CIVE 3813, 4833, 58	33, 584			
Engineering	5	ENGR 1111, 1352, 1412	ECON 5013 IEM 4943		GEOL 4453, 4463 ZOOL 3143, 4303		
Engineering Science	12	ENSC 2113, 2143, 2213, 2613	or other 3000 or high	er level	environmental-related course		

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.

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OKLAHOMA STATE UNIVERSITY

General Requirements for Students Matriculating in Academic Year 2011-2012

**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.

GENERAL EDUCAT	TION REQ	QUIREMENTS: 38 HOURS	MAJOR REQUIREMENTS: 80 HOURS				
Area	Hours	To be selected from:	Specific Professional School Requirements: 74 Hours				
Underlined courses below are Pre-Engineering requirements used simultaneously to meet General Education requirements.		irements used simultaneously to meet General	Admitted to the Professional School of Chemical Engineering				
English Composition & Oral Communication	6	ENGL 1113 or 1313, 1213 or 1413, 3323. (See Academic Regulation 3.5)	(See Professional School admission requirements in the <i>Catalog</i> .)  BIOL 1114 CHE 2033 4002				
American History & Government	6	HIST 1103; POLS 1113	3013 4112 3113 4124				
Analytical & Quantitative Thought (A)	13	MATH <u>2144</u> , <u>2153</u> , 2163, 2233 or 3263	3123 4224 3333 4581 3473 4843				
Humanities (H)	-	Courses designated (H) at OSU. Consult the college and departmental requirements.	CHEM 3053 3153 3112 3433 ENSC 3313 3233				
Natural Sciences (N)	13	CHEM <u>1515</u> , PHYS <u>2014</u> , <u>2114</u>	STAT 2013, 2023, 2053, <u>4013</u> , 4033, 4053 or 4073 ZOOL <u>1604</u>				
Social & Behavioral Sciences (S)	-	Courses designated (S) at OSU. Consult the college & departmental requirements.	Humanities (H) 6 Courses designated (H) at OSU. Should select from one from ENGL and one ART,				
Diversity (D)		Courses designated (D). Students are encouraged to meet the requirement in their selection of (H) or (S) course work.	ENGL, FLL, MUSI, PHIL or TH to also med medical school requirements.				
International Dimension (I)	-	Courses designated (I). Students are encouraged to meet the requirement in their selection of (H) or (S) course work.	Social & Behavioral Sciences (S) 6 Courses designated (S) at OSU. Should select from ANTH, PSYC, or SOC to also meet medical school requirements.				
Scientific Investigation (L)	-	Courses designated (L). Normally met by Natural Sciences and/or Basic Science	CONTROLLED ELECTIVES: 6 HOURS				
		requirements.	Advanced Chemical Science 3 BIOC 3023; MICR 3033				
•		ITAL REQUIREMENTS NG: 17 HOURS	Bioengineering/Bioscience 3 CHE 4283, 4293, 5283, 5293 Electives preferred, or with approval of an				
Engineering	5	ENGR 1111, 1412	adviser, from BAE 3113, 3423, 4423, BIOC 3653, 4113, 4224				
	12	ENSC 2113, 2143, 2213, 2613					

The major engineering design experience, capstone course, requirement is satisfied by CHE 4124 and 4224.

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OKLAHOMA STATE UNIVERSITY

General Requirements for Students Matriculating in Academic Year 2011-2012

**BACHELOR of SCIENCE in CIVIL ENGINEERING** 

**MAJOR: Civil Engineering** 

Minimum Overall Grade Point Average: 2.00 Total Hours: 136

(cumulative graduation/retention GPA)

Other GPA requirements see below.

GENERAL EDUCA	TION REQ	QUIREMENTS: 38 HOURS	MA	JOR REQUIRE	EMENTS: 70 HOURS
Area	Hours	To be selected from:	COMMON PROFESSIONAL SCHOOL: 15 HOURS		
Underlined courses below are Pre-Engir Education requirements.	neering requ	irements used simultaneously to meet General	Mathematics	3	STAT 4073
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)	Engineering Science Basic Science Group I	3	ENSC 3233 BIOL <u>1114</u> GEOG 2343 GEOL <u>1114</u> , 4453
American History & Government	6	HIST 1103; POLS 1113	Basic Science Group II	3	SOIL <u>2124</u> May take one of the following <b>OR</b>
Analytical & Quantitative Thought (A)	13	MATH <u>2144</u> , <u>2153</u> , 2163, 2233			another from Group I: CHEM 2113, 3053 PHYS 3013, 3313, 3513
Humanities (H)	6	Courses designated (H) at OSU.	Social & Behavioral Scien	ces (S) 3	MATH 3013, 4013, 4233 SPCH 2713
Natural Sciences (N)	4	CHEM <u>1414</u>			
Social & Behavioral Sciences (S)	3	Any course designated (S) at OSU.	Specific Profes	SSIONAL SCH	OOL REQUIREMENTS: 46 HOURS
Diversity (D)	-	Any course designated (D). Students are encouraged to meet the requirement in their selection of (H) or (S) course work.	Admitted to the Profession (See Professional School		
International Dimension (I)		Any course designated (I). Students are encouraged to meet the requirement in their selection of (H) or (S) course work.	3 3	413 833 843	3813 3513 3523
Scientific Investigation (L)		Any course designated (L). Normally met by Natural Sciences and/or Basic Science requirements.	4	042 043 273 833	3614 3623 3633 3714
		NTAL REQUIREMENTS NG: 28 HOURS		503	
Basic Science	8	PHYS <u>2014</u> , <u>2114</u>	Con	NTDOLLED FI	LECTIVES: 9 HOURS
Engineering	5	ENGR 1111, 1322, 1412			ourses in Civil Engineering not required in the
Engineering Science	15	ENSC 2113, 2123, 2143, 2213, 2613	curriculum.	2. 5000 .0.01	

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.

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OKLAHOMA STATE UNIVERSITY

General Requirements for Students Matriculating in Academic Year 2011-2012

**BACHELOR of SCIENCE in CIVIL ENGINEERING** 

MAJOR: Civil Engineering OPTION: Environmental

Minimum Overall Grade Point Average: 2.00 Total Hours: 137

(cumulative graduation/retention GPA)

Other GPA requirements see below.

GENERAL EDUCATION REQUIREMENTS: 38 HOURS			MAJOR REQUIREMENTS: 71 HOURS					
Area	COMMON PROFESSIONAL SCHOOL: 16 HOURS							
Underlined courses below are Pre-Engineering requirements used simultaneously to meet General Education requirements.		Mathematics		3	STAT 4073			
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)	Engineering Science Basic Science		3 7	ENSC 3233	PRIOL 1114 and	d one of:
American History & Government	6	HIST 1103; POLS 1113	Basic Science			BIOC 2344 <b>OR</b> BIOL <u>1114</u> and one of: CHEM 2113, 3053 GEOG 2343		<u>u</u> one or.
Analytical & Quantitative Thought (A)	13	MATH <u>2144</u> , <u>2153</u> , 2163, 2233				GEOL <u>1114</u> SOIL <u>2124</u>		
Humanities (H)	6	Courses designated (H) at OSU.	Social & Behavioral	Sciences (S)	3	SPCH 2713		
Natural Sciences (N)	4	CHEM <u>1414</u>						
Social & Behavioral Sciences (S)	3	Any course designated (S) at OSU.	SPECIFIC PR	<b>OFESSION</b> A	L SCH	IOOL REQUIR	EMENTS: 46	6 Hours
Diversity (D)		Any course designated (D). Students are encouraged to meet the requirement in their selection of (H) or (S) course work.	Admitted to the Professional School of Civil Engineering.  (See Professional School admission requirements in the Catalog.)					
International Dimension (I)		Any course designated (I). Students are encouraged to meet the requirement in their selection of (H) or (S) course work.	CIVE	3413 3523 3614	371 381 383	3 4143		
Scientific Investigation (L)		Any course designated (L). Normally met by Natural Sciences and/or Basic Science requirements.	IEM	3623 3633 3503	384 385			
		NTAL REQUIREMENTS NG: 28 HOURS		CONTROL	LED E	LECTIVES: 9	Hours	
Basic Science	8	PHYS <u>2014</u> , <u>2114</u>	Select from:	CIVE	501 501	3 5853	5933 5953	
Engineering	5	ENGR 1111, 1322, 1412			502 512	3 5873	5983 5993	
Engineering Science	15	ENSC 2113, 2123, 2143, 2213, 2613			582	3 5883		
Other Requirements:	1		1					

#### 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.

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OKLAHOMA STATE UNIVERSITY

General Requirements for Students Matriculating in Academic Year 2011-2012

**BACHELOR of SCIENCE in COMPUTER ENGINEERING** 

**MAJOR: Computer Engineering** 

Minimum Overall Grade Point Average: 2.00 Total Hours: 126

(cumulative graduation/retention GPA)

Other GPA requirements see below.

GENERAL EDUCA	TION REQ	QUIREMENTS: 38 HOURS		Major R	EQUIF	REME	NTS: 64 Hours
Area	Hours	To be selected from:	COMMON PROFESSIONAL SCHOOL: 9 HOURS			L SCHOOL: 9 Hours	
Underlined courses below are Pre-Engir Education requirements.	neering requ	irements used simultaneously to meet General	Mathematics		3	MA	TH 3013
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)	Basic Science		3		YS 3313
American History & Government	6	HIST 1103; POLS 1113	Social & Behavioral S	sciences (S)	3		course designated (S) at OSU. Consul college & departmental requirements.
Analytical & Quantitative Thought (A)	13	MATH <u>2144</u> , <u>2153</u> , 2163, 2233					
Humanities (H)	6	Courses designated (H) at OSU.	SPECIFIC PRO	OFESSIONA	AL SC	H001	REQUIREMENTS: 52 HOURS
Natural Sciences (N)	4	CHEM <u>1414</u> or <u>1515</u>	Admitted to the Profe (See Professional Sc				al and Computer Engineering.
Social & Behavioral Sciences (S)	3	Any course designated (S) at OSU. Consult the college & departmental requirements.	ECEN	2011 3233	361 371	3	4213 4243
Diversity (D)		Any course designated (D). Students are encouraged to meet the requirement in their selection of (H) or (S) course work.	CS	3314 3513 3653	401 402	3	4303 4503
International Dimension (I)		Any course designated (I). Students are encouraged to meet the requirement in their selection of (H) or (S) course work.	IEM	4323 4343 3503			
Scientific Investigation (L)		Any course designated (L). Normally met by Natural Sciences and/or Basic Science requirements.	3 hours selected from by advisor.	ı combinatioı	ns on tl	ne dep	partmentally approved list and approved
•		NTAL REQUIREMENTS NG: 24 HOURS		Control	LED I	ELEC	TIVES: 3 HOURS
Basic Science	8	PHYS <u>2014</u> , <u>2114</u>	Select from:	ENSC	211	-	
Engineering	3	ENGR 1111, 1342			212 214 221	13	
Engineering Science	6	ENSC 2613, 3213			Or	Engin	eering courses 3000-level and above; urses such as MATH, CS, STAT, etc.,
Computer Science	7	CS 1113, 2133, 2351					ipproved 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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OKLAHOMA STATE UNIVERSITY

General Requirements for Students Matriculating in Academic Year 2011-2012

**BACHELOR of SCIENCE in ELECTRICAL ENGINEERING** 

**MAJOR: Electrical Engineering** 

Minimum Overall Grade Point Average: 2.00 Total Hours: 125

(cumulative graduation/retention GPA)

Other GPA requirements see below.

GENERAL EDUCA	TION REQ	QUIREMENTS: 38 HOURS	MAJOR REQUIREMENTS: 61 HOURS
Area	Hours	To be selected from:	COMMON PROFESSIONAL SCHOOL: 9 HOURS
Underlined courses below are Pre-Eng Education requirements.	ineering requi	irements used simultaneously to meet General	Mathematics 3 MATH 3013
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)	Basic Science 3 PHYS 3313
American History & Government	6	HIST 1103; POLS 1113	Social & Behavioral Sciences (S) 3 Any course designated (S) at OSU. Consul the college & departmental requirements.
Analytical & Quantitative Thought (A)	13	MATH <u>2144</u> , <u>2153</u> , 2163, 2233	SPECIFIC PROFESSIONAL SCHOOL REQUIREMENTS: 49 HOURS
Humanities (H)	6	Courses designated (H) at OSU.	Admitted to the Professional School of Electrical and Computer Engineering.
Natural Sciences (N)	4	CHEM <u>1414</u> or <u>1515</u>	(See Professional School admission requirements in the <i>Catalog</i> .)  1. 28 hours as follows:
Social & Behavioral Sciences (S)	3	Any course designated (S) at OSU. Consult the college & departmental requirements.	ECEN 2011 3513 4024 3233 3714 4503
Diversity (D)		Any course designated (D). Students are encouraged to meet the requirement in their selection of (H) or (S) course work.	3314 4013 IEM 3503  2. Two courses (6 hours) from the following group based on combinations from
International Dimension (I)		Any course designated (I). Students are encouraged to meet the requirement in their selection of (H) or (S) course work.	the departmentally approved list, and with advisor approval.  ECEN 3113  3613  3723
Scientific Investigation (L)		Any course designated (L). Normally met by Natural Sciences and/or Basic Science requirements.	3913  3. Five ECEN or other courses (15 hours) selected from combinations on the departmentally approved list, including optionally one or more courses listed, but not
		ITAL REQUIREMENTS NG: 26 HOURS	taken in (2) above, and with advisor approval.
Basic Science	8	PHYS <u>2014, 2114</u>	CONTROLLED ELECTIVES: 3 HOURS
Engineering	3	ENGR 1111, 1342	Select from: ENSC 2123 2143
Engineering Science	9	ENSC <u>2113</u> , 2613, 3213	2213 Or Engineering courses 3000-level and above; Other courses such as MATH, CS, STAT, etc.,
Computer Science	6	CS <u>1113</u> , plus 3 hours from CS 2133 or 2433	Other courses such as MATH, CS, STAT, etc., May be approved by adviser.

#### Other Requirements:

DEAN

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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DEPARTMENT HEAD



OKLAHOMA STATE UNIVERSITY

General Requirements for Students Matriculating in Academic Year 2011-2012

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.

GENERAL EDUCATION REQUIREMENTS: 39 HOURS			MAJOR REQUIREMENTS: 66 HOURS			
Area	Hours	To be selected from:	COMMON PROFESSIONAL SCHOOL: 9 HOURS			
Underlined courses below are Pre-Engi Education requirements.	neering requi	irements used simultaneously to meet General	Mathematics 3 MATH 3263			
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)	Engineering Science 3 ENSC 3313			
American History & Government	6	HIST 1103; POLS 1113	Social & Behavioral Sciences (S) 3 SPCH 2713			
Analytical & Quantitative Thought (A)	10	MATH <u>2144</u> , <u>2153</u> , 2163	SPECIFIC PROFESSIONAL SCHOOL REQUIREMENTS: 54 HOURS			
Humanities (H)	6	Courses designated (H) at OSU.	Admitted to the Professional School of Industrial Engineering and Management.  (See Professional School admission requirements in the Catalog.)			
Natural Sciences (N)	8	CHEM <u>1414</u> , PHYS <u>2014</u>	IEM 2903 4103			
Social & Behavioral Sciences (S)	3	Any course designated (S) at OSU. Consult the college & departmental requirements.	3103 4113 3303 4203			
Diversity (D)		Any course designated (D). Students are encouraged to meet the requirement in their selection of (H) or (S) course work.	3403 4413 3503 4613 3523 4713 3703 4723			
International Dimension (I)		Any course designated (I). Students are encouraged to meet the requirement in their selection of (H) or (S) course work.	3813 4913 4013			
Scientific Investigation (L)		Any course designated (L). Normally met by Natural Sciences and/or Basic Science requirements.	Select one course from:  IEM 4163 4823  4323 4953			
		UTAL REQUIREMENTS NG: 21 HOURS	4733 4990 (3)			
Basic Science	4	PHYS <u>2114</u>				
Engineering	5	ENGR 1111, 1322 or 1332, 1412	CONTROLLED ELECTIVES: 3 HOURS			
Engineering Science	12	ENSC 2113, and select from: 2123, 2143, 2213, 2613, 3213 or 3233	A 3000- or 4000-level ACCT, BADM, CS, ECON, EEE, Engineering, FIN, LSB, MATH MGMT, MKTG, MSIS or STAT course selected in consultation with an adviser.			
Humanities & Social Sciences		The total (H) and (S) program must satisfy ABET Accreditation criteria. Consult the college & departmental requirements.	(Required courses in the IEM curriculum are excluded.)			

#### 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 course work listed in the right hand column above.

The major engineering design experience is satisfied by IEM 4913.

A "C" or better is required in each course that is a prerequisite for an IEM course and in technical courses in Pre-Engineering whether taken prior to admission to Professional School or not. 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	DEPARTMENT HEAD



OKLAHOMA STATE UNIVERSITY

General Requirements for Students Matriculating in Academic Year 2011-2012

**BACHELOR of SCIENCE in MECHANICAL ENGINEERING** 

**MAJOR: Mechanical Engineering** 

Minimum Overall Grade Point Average: 2.00 Total Hours: 124

(cumulative graduation/retention GPA)

Other GPA requirements see below.

GENERAL EDUCA	TION REQ	QUIREMENTS: 38 HOURS	MAJOR F	<i>EQUI</i>	REMENTS: 58 HOURS
Area	Hours	To be selected from:	COMMON PROFESSIONAL SCHOOL: 12 HOURS		
Underlined courses below are Pre-Eng Education requirements.	ineering requ	irements used simultaneously to meet General	Engineering	6	ENSC 3233, 3313
English Composition & Oral Communication	6	ENGL 1113 or 1313, 1213 or 1413. 3323 may be substituted for 1213, subject to Academic Regulation 3.5.	Basic Science	3	From: ASTR <u>1014</u> , <u>1024</u> , BIOL <u>1114</u> , CHEM 3053, GEOL <u>1114</u> , <u>3413</u> , PHYS 3213, 3313, 3713
American History & Government	6	HIST 1103; POLS 1113			3313, 3713
Analytical & Quantitative Thought	13	MATH <u>2144</u> , <u>2153</u> , 2163, 2233	Social & Behavioral Sciences (S	) 3	Any course designated (S) at OSU. Consult
(A)			SPECIFIC PROFESSION	AL S	CHOOL REQUIREMENTS: 46 HOURS
Humanities (H)	6	Courses designated (H) at OSU.			
Natural Sciences (N)	4	CHEM <u>1414</u> or <u>1515</u>	Admitted to the Professional Sch (See Professional School admiss		Mechanical and Aerospace Engineering. quirements in the Catalog.)
Social & Behavioral Sciences (S)	3	Any course designated (S) at OSU. Consult the college & departmental requirements.	1. 27 hours as follows: MAE 3013, 3033, 3113, 322	3, 323	3, 3323, 3403, 3723, IEM 3503
Diversity (D)		Any course designated (D). Students are encouraged to meet the requirement in their selection of (H) or (S) course work.	2. A total of 13 credit hours from the following 4 categories, selecting one course feach category so that all 4 categories are represented.		
International Dimension (I)		Any course designated (I). Students are			ization)
		encouraged to meet the requirement in their selection of (H) or (S) course work.	ir Category II (Mechanical Systems Realization)  MAE 4353, 4363, 4513		
Scientific Investigation (L)		Any course designated (L). Normally met by Natural Sciences and/or Basic Science requirements.	Category III (Laboratory) MAE 4273, 4333, 4733		
COLLEGE/DI		NTAL REQUIREMENTS	Category IV (Capstone Desi	gn)	
		NG: 28 HOURS	MAE 4344, 4354	d from	a the following list, or from courses in the 4
Basic Science	8	PHYS <u>2014</u> , <u>2114</u>	3. A total of 6 hours to be selected from the following list, or from courses categories listed above, but not used to satisfy that category.		satisfy that category.
Engineering	5	ENGR 1111, 1332, 1412	MAE 3123, 3253, 3293, 40	)53, 40	063, 4313, 4623
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.

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OKLAHOMA STATE UNIVERSITY

**General Requirements for Students Matriculating in Academic Year 2011-2012** 

**BACHELOR of SCIENCE in MECHANICAL ENGINEERING** 

MAJOR: Mechanical Engineering OPTION: Pre-medical

Minimum Overall Grade Point Average: 2.00 Total Hours: 141

(cumulative graduation/retention GPA)

Other GPA requirements see below.

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 may be substituted for 1213 subject to Academic Regulation 3.5.				
American History & Government	6	HIST 1103; POLS 1113				
Analytical & Quantitative Thought (A)	13	MATH <u>2144</u> , <u>2153</u> , 2163, 2233				
Humanities (H)	6	Courses designated (H) at OSU.				
Natural Sciences (N)	5	CHEM <u>1515</u>				
Social & Behavioral Sciences (S)		Any course designated (S) at OSU. Consult the college & departmental requirements.				
Diversity (D)  - Any course designated (D). Students an encouraged to meet the requirement in 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). Normally met by Natural Sciences and/or Basic Science requirements.				
		NTAL REQUIREMENTS NG: 28 HOURS				
Basic Science	8	PHYS <u>2014</u> , <u>2114</u>				
Engineering	5	ENGR 1111, 1332, 1412				
Engineering Science	15	ENSC 2113, 2123, 2143, 2213, 2613				

MAIOR	REOUIREMENTS:	77 Hours

#### COMMON PROFESSIONAL SCHOOL: 15 HOURS

Engineering 6 ENSC 3233, 3313
Basic Science 3 CHEM 3053

Social & Behavioral Sciences (S) 6 3 hours designated (S) from PSYC\* or SOC\*.

3 hours courses designated (S) at OSU.

\*Asterisks denote medical school entrance requirements.

#### SPECIFIC PROFESSIONAL SCHOOL REQUIREMENTS: 62 HOURS

Admitted to the Professional School of Mechanical and Aerospace Engineering. (See Professional School admission requirements in the *Catalog*.)

1. A total of 43 credit hours as follows:

MAE 3013, 3033, 3113, 3223, 3233, 3323, 3403, 3723, BIOL <u>1114;</u> CHEM 3112, 3153; IEM 3503; ZOOL <u>1604, MICR</u> 3033

A total of 13 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

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.

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OKLAHOMA STATE UNIVERSITY

General Requirements for Students Matriculating in Academic Year 2011-2012

**BACHELOR of ARCHITECTURE** 

**MAJOR: Architecture** 

Minimum Overall Grade Point Average: 2.00 Total Hours: 154

(cumulative graduation/retention GPA)

Other GPA requirements see below.

GENERAL EDUCA	TION REQ	QUIREMENTS: 35 HOURS	MAJOR REQUIREMENTS: 96 HOURS
Area	Hours	To be selected from:	SPECIFIC PROFESSIONAL SCHOOL REQUIREMENTS: 81 HOURS
English Composition & Oral Communication	6	ENGL 1113 or 1313, 1213 or 1413, 3323 (See Academic Regulation 3.5)	Admitted to the Professional School of Architecture. (See requirements for admission to the upper-division.)
American History & Government	6	HIST 1103; POLS 1113	ARCH 2203 3116
Analytical & Quantitative Thought (A)	7	MATH <u>2144</u> , ENSC <u>2113</u>	3223 3323 3134
Humanities (H)		Courses designated (H) at OSU.	3216 3252
Natural Sciences (N)	7	PHYS 1114 and 3 hours designated (N)	3262 3263
Social & Behavioral Sciences (S)	6	3 hours (S) lower-division, 3 hours upper division	3433 4093
Diversity (D)		Any course designated (D). Students are encouraged to meet the requirement in their selection of (H) or (S) course work.	4116 4123 4216 4263
International Dimension (I)		ARCH 2003 meets the (I) requirement	5117 5193
Scientific Investigation (L)		Any course designated (L). Normally met by Natural Sciences requirement	ARCH electives (6 hours) ARCH History elective (3 hours)
Additional General Education Requirements	3	3 hours designated for general education	Humanities (H) 6 ARCH <u>2003</u> and 3 hours of ARCH History designated (H).
Underlined courses are departmental Education requirements.	requiremer	nts used simultaneously to meet General	CONTROLLED ELECTIVES: 15 HOURS
		NTAL REQUIREMENTS NG: 23 Hours	From: Fifteen credits of restricted electives.  Must be selected from the course list available in the School of Architecture office and
Architecture	23	ARCH 1112, 1216, 2116, 2216, 2263	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.

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OKLAHOMA STATE UNIVERSITY

General Requirements for Students Matriculating in Academic Year 2011-2012

**BACHELOR of ARCHITECTURAL ENGINEERING** 

**MAJOR: Architectural Engineering OPTIONS: Structures** 

Minimum Overall Grade Point Average: 2.00 **Total Hours: 157** 

(Cumulative graduation/retention GPA)

Other GPA requirements see below.

GENERAL EDUCA	TION REQ	QUIREMENTS: 37 HOURS		Major R	<b>EQUIRE</b>	MENTS: 75 Hours
Area	Hours	To be selected from:	SPECIFIC PROP	FESSIONA	AL SCHO	OOL REQUIREMENTS: 75 HOURS
English Composition & Oral Communication	6	ENGL 1113 or 1313, 1213 or 1413, 3323 (See Academic Regulation 3.5)	Admitted to the Profe			
American History & Government	6	HIST 1103; POLS 1113	(See requirements for admission to the			er-division.)
Analytical & Quantitative Thought (A)	7	MATH <u>2144</u> , <u>2153</u>	ARCH	2003 3134 3223	3116 3143 3224	
Humanities (H)		Courses designated (H) at OSU.		3252	3323	
Natural Sciences (N)	12	CHEM <u>1414</u> , PHYS <u>2014</u> , <u>2114</u>		3433 4093	3442 4123	
Social & Behavioral Sciences (S)	6	Courses designated (S) at OSU and 3 hours of (S) upper-division. Consult the college & departmental requirements.		4143 4263 5226	4224 4444	
Diversity (D)		Any course designated (D). Students are encouraged to meet the requirement in their selection of (H) or (S) course work.	IEM CIVE MATH	3503 4711 2163		
International Dimension (I)		ARCH 2003 meets the (I) requirement	IVIATO	3263		
Scientific Investigation (L)	-	Any course designated (L). Normally met by Natural Sciences requirement	STAT	4033		
Underlined courses are departmental Education requirements.	l requiremer	its used simultaneously to meet General	Humanities (H)		6	ARCH H/T (H) designated (H) at OSU.
•		NTAL REQUIREMENTS NG: 45 HOURS				
Engineering Science	18	ENSC 2123, 2143, 2213, 2613, 3233, ENSC <u>2113</u>				
Basic Science	4	From: ASTR <u>1014</u> ; BIOL <u>1114</u> ; CHEM 1314, <u>1515</u> ; GEOL <u>1014</u> , <u>1114</u>		Control	LLED EL	ECTIVES: 0 HOURS
Architecture	23	ARCH 1112, 1216, 2116, 2216, 2263				

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 Architectural Engineering majors is ARCH 5226.

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OKLAHOMA STATE UNIVERSITY

General Requirements for Students Matriculating in Academic Year 2011-2012

**BACHELOR of SCIENCE in ENGINEERING TECHNOLOGY** 

**MAJOR: Construction Management Technology OPTION: Building** 

Minimum Overall Grade Point Average: 2.00 **Total Hours: 124** 

(cumulative graduation/retention GPA)

Other GPA requirements see below.

GENERAL EDUCATION REQUIREMENTS: 42 HOURS		QUIREMENTS: 42 HOURS	Major Requirements: 60 Hours	
Area	Hours	To be selected from:	SPECIFIC PROFESSIONAL SCHOOL REQUIREMENTS: 54 HOURS	
English Composition & Oral Communication	9	ENGL 1113 or 1313, 1213 or 1413 SPCH <u>2713</u>	Admitted to the upper-division CMT (See policy for admission to the upper-division of the curriculum of CMT.)	
American History & Government	6	HIST 1103; POLS 1113	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	
Analytical & Quantitative Thought (A)	6	MATH <u>2123</u> , <u>2133</u>		
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)	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 (H) or (S) course work.	CONTROLLED ELECTIVES: 6 HOURS  6 hours from:  ARCH 3134 BCOM 3223 CIVE 3713, 5133, 5143, 5153, 5163, 5183 CMT 4050, 3633, 4333, 4533	
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 Science requirement		
Underlined courses below are Pre-engineering requirements used simultaneously to meet General Education requirements.		equirements used simultaneously to meet	ECON 3023, <u>3513</u> FIN 3113	
College/Departmental Requirements Pre-Engineering: 22 Hours		=	LSB 3213 MGMT 3013, 3313, 4123, 3023 MKTG 3213, 3433, 3513	
Specialty	13	CMT 1214, 2253, 2263, 2343	PHIL <u>3803, 3823</u> SPCH 3703, 3723	
Related Specialty	9	ACCT 2103, EET 1003, GENT 2323		

## 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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OKLAHOMA STATE UNIVERSITY

General Requirements for Students Matriculating in Academic Year 2011-2012

**BACHELOR of SCIENCE in ENGINEERING TECHNOLOGY** 

**MAJOR: Construction Management Technology OPTION: Heavy** 

Minimum Overall Grade Point Average: 2.00 **Total Hours: 124** 

(Cumulative graduation/retention GPA)

Other GPA requirements see below.

Hours 9 6	To be selected from:  ENGL 1113 or 1313, 1213 or 1413  SPCH 2713	SPECIFIC PROFESSION  Admitted to the upper-division C	AL SCI		
	·	Admitted to the upper division C			
6		(See policy for admission to the			
	HIST 1103; POLS 1113	Communications	3		
6	MATH <u>2123</u> , <u>2133</u>	Specialty	38		
6	Any course designated (H)				
12	PHYS <u>1114</u> , <u>1214</u> , & 4 hours of approved Basic Natural Science. Must have laboratory	Related Specialty	10		
3	Any course designated (S)	Oocial & Bellaviolal Ociolocs (O	, 3		
	Any course designated (D). Students are encouraged to meet the requirement in their selection of (H) or (S) course work.	Contro	LLED I		
	Any course designated (I). Students are encouraged to meet the requirement in their selection of (H) or (S) course work.	6 hours from:			
	Any course designated (L). Normally met by Natural Science requirement	CIVE 3633, 3	3713, 513 273, 363		
Underlined courses below are Pre-engineering requirements used simultaneously to meet General Education requirements.					
COLLEGE/DEPARTMENTAL REQUIREMENTS PRE-ENGINEERING: 22 HOURS					
13	CMT 1214, 2253, 2263, 2343				
9	ACCT 2103, EET 1003, GENT 2323	2. 2 3.00,			
1	6 12 3 eering re	6 Any course designated (H)  12 PHYS 1114, 1214, & 4 hours of approved Basic Natural Science. Must have laboratory  3 Any course designated (S)  Any course designated (D). Students are encouraged to meet the requirement in their selection of (H) or (S) course work.  Any course designated (I). Students are encouraged to meet the requirement in their selection of (H) or (S) course work.  Any course designated (L). Normally met by Natural Science requirement  eering requirements used simultaneously to meet  IRTMENTAL REQUIREMENTS  INEERING: 22 HOURS  13 CMT 1214, 2253, 2263, 2343	6 Any course designated (H)  12 PHYS 1114, 1214, & 4 hours of approved Basic Natural Science. Must have laboratory  3 Any course designated (S)  Any course designated (D). Students are encouraged to meet the requirement in their selection of (H) or (S) course work.  Any course designated (I). Students are encouraged to meet the requirement in their selection of (H) or (S) course work.  Any course designated (L). Normally met by Natural Science requirement  Any course designated (L). Normally met by Natural Science requirement  Any course designated (L). Normally met by Natural Science requirement  Any course designated (L). Normally met by Natural Science requirement  Any course designated (L). Normally met by Natural Science requirement  Any course designated (L). Normally met by Natural Science requirement  Any course designated (L). Normally met by Natural Science requirement  Any course designated (L). Normally met by Natural Science requirement  Any course designated (L). Normally met by Natural Science requirement  Any course designated (L). Normally met by Natural Science requirement  Any course designated (L). Normally met by Natural Science requirement  Any course designated (L). Normally met by Natural Sciences (S		

MAJOR REQUIREMENTS:	60 Hours

## CHOOL REQUIREMENTS: 54 HOURS

division of the curriculum of CMT.)

**ENGL 3323** 

CMT 3273, 3331, 3332,

CMT 3364, 3433, 3554,

CMT 4263, 4283, 4293, 4443, 4563,

4333, 4533

CIVE 3614; GENT 3323; IEM 3513

Any course designated (S) at OSU. Consult

the college & departmental requirements.

## **ELECTIVES: 6 HOURS**

5133, 5143, 5153, 5163, 5183, 5653, 5753

8633, 3463

<u>8613</u>

123, 3023

513

#### 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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OKLAHOMA STATE UNIVERSITY

General Requirements for Students Matriculating in Academic Year 2011-2012

**BACHELOR of SCIENCE in ENGINEERING TECHNOLOGY** 

**MAJOR: Electrical Engineering Technology** 

Minimum Overall Grade Point Average: 2.00 Total Hours: 130

(cumulative graduation/retention GPA)

Other GPA requirements see below.

GENERAL EDUCA	TION REQ	QUIREMENTS: 44 HOURS	MAJOR REQUIREMENTS: 66 HOURS		
Area	Hours	To be selected from:	SPECIFIC PROFESSIONA	L SCH	IOOL REQUIREMENTS: 63 HOURS
English Composition & Oral Communication	6	ENGL 1113 or 1313, 1213 or 1413.	Electronics	46	EET 3113, 3124, 3254, 3264
American History & Government	6	HIST 1103; POLS 1113			EET 3354, 3363, 3524, 3533 EET 4314, 4363, 4654, 4833, 4843
Analytical & Quantitative Thought (A)	11	MATH <u>1715</u> , <u>2123</u> , <u>2133</u>	Related Specialty	14	GENT 3123 STAT 4033
Humanities (H)	6	Any course designated (H)			MGMT 3013 or IEM 3503
Natural Sciences (N)	12	CHEM <u>1314</u> , PHYS <u>1114</u> , <u>1214</u>			And 5 hours from: any math, science, engineering or technology
Social & Behavioral Sciences (S)	3	3 hours of any course designated (S)	Social & Behavioral Sciences (S)	3	SPCH 2713
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). Normally met by Natural Science requirement			
Underlined courses are departmenta requirements.	l requiremer	nts used also to satisfy General Education	CONTROL	LED E	LECTIVES: 3 HOURS
COLLEGE/DEPARTMENTAL REQUIREMENTS PRE-ENGINEERING: 20 HOURS		3 hours from: Foreign Language, S Business, any course designated		, any course from the Spears School of , (I) or (S)	
Electronics	20	EET 1104, 1244, 2303, 2544, 2635			
			L-L		

## 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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OKLAHOMA STATE UNIVERSITY

General Requirements for Students Matriculating in Academic Year 2011-2012

**BACHELOR of SCIENCE in ENGINEERING TECHNOLOGY** 

MAJOR: Electrical Engineering Technology OPTION: Computer

Minimum Overall Grade Point Average: 2.00 Total Hours: 130

(cumulative graduation/retention GPA)

Other GPA requirements see below.

GENERAL EDUCAT	GENERAL EDUCATION REQUIREMENTS: 44 HOURS		MAJOR REQUIREMENTS: 63 HOURS		
Area	Hours	To be selected from:	SPECIFIC PROFESSIONA	L SCH	IOOL REQUIREMENTS: 60 HOURS
English Composition & Oral Communication	6	ENGL 1113 or 1313, 1213 or 1413.	Electronics	38	EET 3113
American History & Government	6	HIST 1103; POLS 1113			3124 3254
Analytical & Quantitative Thought (A)	11	MATH <u>1715</u> , <u>2123</u> , <u>2133</u>			3264 3354
Humanities (H)	6	Any course designated (H)			3363 3524
Natural Sciences (N)	12	CHEM <u>1314</u> , PHYS <u>1114</u> , <u>1214</u>			3533
Social & Behavioral Sciences (S)	3	3 hours of any course designated (S)			4363 4833
Diversity (D)		Any course designated (D). Students are encouraged to meet the requirement in their selection of (H) or (S) course work.	Related Specialty	11	4843 GENT 3123
International Dimension (I)		Any course designated (I). Students are encouraged to meet the requirement in their selection of (H) or (S) course work.			MGMT 3013 or IEM 3503 STAT <u>4033</u> And 2 hours from: any math, science,
Scientific Investigation (L)		Any course designated (L). Normally met by Natural Science requirement	Computer Science	8	engineering or technology course CS 2133
Underlined courses are departmental requirements.	requiremen	nts used also to satisfy General Education	·		5 hours upper-division CS
· · · · · · · · · · · · · · · · · · ·		_	Social & Behavioral Sciences (S)	3	SPCH 2713
COLLEGE/DEPARTMENTAL REQUIREMENTS PRE-ENGINEERING: 23 HOURS		Control	LED E	LECTIVES: 3 HOURS	
Electronics	Electronics 23 CS 1113, EET 1104, 1244, 2303, 2544, 2635		3 hours from: Foreign Language, S Business, any course designated (		, any course from the Spears School of , (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.

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OKLAHOMA STATE UNIVERSITY

General Requirements for Students Matriculating in Academic Year 2011-2012

**BACHELOR of SCIENCE in ENGINEERING TECHNOLOGY** 

MAJOR: Electrical Engineering Technology OPTION: Telecommunications

**Total Hours: 130** 

Minimum Overall Grade Point Average: 2.00

(cumulative graduation/retention GPA)

Other GPA requirements see below.

GENERAL EDUCA	GENERAL EDUCATION REQUIREMENTS: 41 HOURS		MAJOR REQUIREMENTS: 69 HOURS		
Area	Hours	To be selected from:	Communications	3	ENGL 3323
English Composition & Oral Communication	6	ENGL 1113 or 1313, 1213 or 1413.	Social & Behavioral Sciences (S)	3	SPCH 2713
American History & Government	6	HIST 1103; POLS 1113	Humanities (H)	3	PHIL 3823
Analytical & Quantitative Thought (A)	11	MATH <u>1715</u> , <u>2123</u> , <u>2133</u>	Electronics	43	EET 3113 3124 3254
Humanities (H)	3	Any course designated (H) at OSU			3264
Natural Sciences (N)	12	CHEM <u>1314</u> , PHYS <u>1114</u> , <u>1214</u>			3354 3524
Social & Behavioral Sciences (S)	3	3 hours of any course designated (S)			3533 4363
Diversity (D)		Any course designated (D). Students are encouraged to meet the requirement in their selection of (H) or (S) course work.			4514 4654 4833
International Dimension (I)		Any course designated (I). Students are encouraged to meet the requirement in their selection of (H) or (S) course work.	Related Specialty	11	4843  GENT 3123  MGMT 3013 or IEM 3503
Scientific Investigation (L)		Any course designated (L). Normally met by Natural Science requirement			STAT 4033 And 2 hours from: any math, science, engineering or technology course
Underlined courses are departmental requirements used also to satisfy General Education requirements.		Computer Science Specialty	6	CS <u>1133</u>	
COLLEGE/DEPARTMENTAL REQUIREMENTS PRE-ENGINEERING: 20 HOURS				2133	
Electronics	20	EET 1104, 1244, 2303, 2544, 2635			

#### 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 engineering and engineering technology prefixes or CHEM, MATH, and PHYS.

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OKLAHOMA STATE UNIVERSITY

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.

GENERAL EDUCA	TION REQ	QUIREMENTS: 39 HOURS	Major Re	QUIR	EMENTS: 49 HOURS
Area	Hours	To be selected from:	SPECIFIC PROFESSIONAL SCHOOL REQUIREMENTS: 43 HOU		
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, see Academic Regulation 3.5 in Catalog	Admitted to the Professional School (See admission requirements in the	ol of Fi	re Protection & Safety Technology.
American History & Government	6	HIST 1103; POLS 1113	Mathematics	3	STAT 2013 or 4013 or 4033
Analytical & Quantitative Thought (A)	9	MATH <u>1613</u> or 2233, or <u>1715</u> or 3263; MATH <u>2123</u> or <u>2144</u> ; <u>2133</u> or <u>2153</u>	Social & Behavioral Sciences (S)	3	SPCH 2713
Humanities (H)	6	Any course designated (H) at OSU	Specialty	28	FPST 3013, 3143, 3213, 3373, 4133,4333,
Natural Sciences (N)         9         CHEM <u>1314, 1515</u>		Specialty Electives	6	4403, 4684, 4993 Chosen from:	
Social & Behavioral Sciences (S)	3	3 hours of any course designated (S)			AVED 4113
Diversity (D)		Any course designated (D). Students are encouraged to meet the requirement in their selection of (H) or (S) course work.			CIVE 3813 CMT 4443 ECON <u>3903</u> ENGR 4123
International Dimension (I)		Any course designated (I). Students are encouraged to meet the requirement in their selection of (H) or (S) course work.			ENGR 4123 ENSC courses not used elsewhere FPST courses not used elsewhere GENT 4433
Scientific Investigation (L)	-	Any course designated (L). Normally met by Natural Science requirement			IEM 3513, 5943 POLS 3733, 3813, 3893, 4363,
Underlined courses are departmental requirements.	requiremer	nts used also to satisfy General Education			4403
		NTAL REQUIREMENTS NG: 37 HOURS	Related Specialty	3	MGMT 3013 or IEM 4413
Basic Science	7	PHYS <u>1114</u> or <u>2014:</u> PHYS 1214 or 2114 or ENSC 2613	CONTROL	LED E	ELECTIVES: 6 HOURS
Engineering	5	ENGR 1111; ENGR 1322 or GENT 1153; ENGR 1412 or CS <u>1103</u> or EET 1003	11		3, 4933, 4943, BCOM, CHEM, CS, where, MATH (except MATH 3403 OR 3603),
Engineering Science	6	ENSC 2113 or GENT 2323; GENT 3433 or ENSC 2213 or GENT 4433 or ENSC 3313	MGMT (except MGMT 3943), PF ZOOL 3204, 5323, or, if not used	łYS, S	DEV 3013, STAT, Technology. SPCH 3733, as: ECON 3903, POLS 3733, 3813, 3893, 4363,
Specialty	19	FPST 1213, 1373, 2023, 2243, 2344, 2483	5343, 5633, 5643, EEE 4483		

#### RS

## 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 any course that is a prerequisite for a required course and in technical courses in Pre-engineering whether taken prior to admission to Professional School or not. These prerequisite courses include MATH 1613/1715, MATH 2144 or MATH 2323, MATH 2153 or MATH 2133, PHYS 1114/2014, CHEM 1314, CHEM 1515, STAT 2013, ENGL 3323, Specialty Electives, Controlled Electives, and any course with an engineering or engineering technology prefix except for FPST 4684 and FPST 4993. A student who has not earned a grade of "C" or better in a prerequisite for an FPST course is not permitted to take the next course in the FPST course sequence until a grade of "C" or better is earned in the prerequisite course.

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OKLAHOMA STATE UNIVERSITY

General Requirements for Students Matriculating in Academic Year 2011-2012

**BACHELOR of SCIENCE in ENGINEERING TECHNOLOGY** 

**MAJOR: Mechanical Engineering Technology** 

Minimum Overall Grade Point Average: 2.00 Total Hours: 129

(cumulative graduation/retention GPA)

Other GPA requirements see below.

GENERAL EDUCA	GENERAL EDUCATION REQUIREMENTS: 45 HOURS			QUIR	EMENTS: 60 HOURS
Area	Hours	To be selected from:	SPECIFIC PROFESSIONAL SCHOOL REQUIREMENTS: 55 HOURS		
English Composition & Oral Communication	6	ENGL 1113 or 1313, 1213 or 1413	Communications Technology Specialty	6 30	ENGL 3323; SPCH <u>2713</u> or 3703 or 3723 GENT 3323, 3433, 4433;
American History & Government	6	HIST 1103; POLS 1113			MET 3003 3113
Analytical & Quantitative Thought (A)	12	MATH <u>1513</u> , <u>1613</u> , <u>2123</u> , <u>2133</u>			3313 3343 4003
Humanities (H)	6	Any course designated (H) at OSU			4123 4463
Natural Sciences (N)	12	CHEM <u>1215</u> or <u>1314</u> ; or <u>1414</u> PHYS <u>1114</u> , <u>1214</u>	Related Specialty	16	EET 3104; IEM 3503 or 3513; and 9 hours from the following: MET 3413
Social & Behavioral Sciences (S)	3	3 hours of any course designated (S)			3573 4013 4023
Diversity (D)		Any course designated (D). Students are encouraged to meet the requirement in their selection of (H) or (S) course work.			4050 4203 4303
International Dimension (I)		Any course designated (I). Students are encouraged to meet the requirement in their selection of (H) or (S) course work.			4313 4453 4883 4993
Scientific Investigation (L)		Any course designated (L). Normally met by Natural Science requirement	Social & Behavioral Sciences (S)	3	Any course designated (S) at OSU. Consulthe college & departmental requirements.
Underlined courses are departmental requirements.	requiremen	its used also to satisfy General Education			
		NTAL REQUIREMENTS NG: 24 HOURS	Controli	LED E	CLECTIVES: 5 HOURS
Specialty	15	GENT 1223; MET <u>1103</u> , 1223, 2103, 2313	At least 3 hours upper-division.		
Related Specialty	9	CS <u>1103</u> or EET 1003; GENT 1153, 2323	Selected from: Accounting, Chem	y, Lega	Computer Science, Engineering, al Studies in Business, Management,

- 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.

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# **College of Human 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



## OKLAHOMA STATE UNIVERSITY

General Requirements for Students Matriculating in Academic Year 2011-2012

## **BACHELOR of SCIENCE in HUMAN ENVIRONMENTAL SCIENCES**

MAJOR: Design, Housing & Merchandising OPTION: Apparel Design & Production

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	9	ENGL 1113 or 1313; & 1213 or 1413; (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 and 3 additional hours designated (A). (STAT 2013 or 2023 recommended)				
Humanities (H)	6	One lower-division course designated (H). (ART 1603 recommended); DHM 3213 (minimum grade of "C")				
Natural Sciences (N)	4-5	CHEM 1014 or 1215 (minimum grade of "C")				
Social & Behavioral Sciences (S)	9	ECON 1113 or 2103; PSYC 1113; GEOG 1113 or 2253				
Diversity (D)		Any (D) designated course.				
International Dimension (I)		Requirements met by GEOG 1113 or 2253				
Scientific Investigation (L)		DHM 2573; CHEM 1014 or 1215 fulfill this requirement.				
College/Departme	NTAL RE	QUIREMENTS: 20 HOURS**				
Human Environmental Sciences	5	HES 1112 or 3112; HDFS 2113				
Design, Housing & Merchandising	15	Minimum grade of "C" in each course DHM 1003, 2003, 2573, 4003, 4573				

MAJOR REQUIREMENTS: 58 HOURS**	MAIOR	REQUIREMENTS:	58 Hours**	
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Total Hours: 122\*

Minimum grade of "C" in each course

Core Requirements 46 hours

	Oore requirements 40 nours	
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
and 3 hours from:	MGMT 4213
ART 1103, 2243	MGMT 4533
DHM 3853, 4453	MGMT 4573
EEE 3033	MGMT 4613
TH 4673	MGMT 4693
MGMT 3123	5 hours foreign language may be used
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.

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## OKLAHOMA STATE UNIVERSITY

General Requirements for Students Matriculating in Academic Year 2011-2012

## **BACHELOR of SCIENCE in HUMAN ENVIRONMENTAL SCIENCES**

MAJOR: Design, Housing & Merchandising OPTION: Interior Design
Minimum Overall Grade Point Average: 2.00 Total Hours: 120\*

(cumulative graduation/retention GPA)

Other GPA requirements see below.

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; MATH 1493, 1613 or 1715	
Humanities (H)	6	ART 1603; DHM 3233 (minimum grade of "C")	
Natural Sciences (N)	7-8	DHM 2573 (minimum grade of "C"); 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/Departm	ENTAL RE	QUIREMENTS: 17 HOURS**	
Human Environmental Sciences	5	HES 1112 or 3112; HDFS 2113	
Design, Housing & Merchandising	12	Minimum grade of "C" in each course DHM 1003, 2003, 4003, 4573	

Major Requirements	:: 63 Hours**	
Minimum grade of "C" in	n each course	
Core Requirements	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 <b>one</b> of the two following profes	ssional areas:	
1.) Design: 7 hours from: 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	

## 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.

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## OKLAHOMA STATE UNIVERSITY

General Requirements for Students Matriculating in Academic Year 2011-2012

**BACHELOR of SCIENCE in HUMAN ENVIRONMENTAL SCIENCES** 

MAJOR: Design, Housing & Merchandising **OPTION: Merchandising** Minimum Overall Grade Point Average: 2.00 Total Hours: 120\*

(cumulative graduation/retention GPA)

 ${\it Other GPA \ requirements \ see \ below.}$ 

GENERAL EDUCATION REQUIREMENTS: 40 HOURS			MAJOR REQUIREMENTS: 50 HOURS		
Area Hours To be selected from:		Minimum grade of "C" in each course			
English Composition & Oral Communication	9	ENGL 1113 or 1313; & 1213 or 1413 or 3323; (See Academic Regulation 3.5 in Catalog) SPCH 2713	Core Requirements  DHM 1433  DHM 3433	35 hours DHM 3991 DHM 3994	
American History & Government	6	HIST 1103 or 1483 or 1493; POLS 1113	DHM 3553 DHM 4453 DHM 3563 DHM 3853 DHM 4993  ACCT 2103 MGMT 3013 MKTG 3213  15 total hours from <b>one</b> of the two following professional areas:		
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")	1.) Apparel: 6 hours from: DHM 2913, 3643	<b>2.) Interiors:</b> 6 hours from: DHM 1123, 3303	
Social & Behavioral Sciences (S)	9	ECON 1113 or 2103 (for business minors) PSYC 1113 GEOG 1113 or 2253	BCOM 3113	and 9 hours from: ART 1103 BCOM 3113	
Diversity (D)		Any (D) designated course Students are encouraged to meet the requirement in their selection of (H) course work	EEE 3023, 3033, 3513, 3663, 4263  MGMT 3123, 3313, 4213, 4533  MKTG 3323, 3513, 4553, 4773, 4993  A max of 6 hours of foreign language may be used  EEE 3023, 3033, 3513, 3513, 36  MGMT 3313, 4213, 4533  MKTG 3323, 3513, 4553,  A max of 6 hours of foreign may be used		
International Dimension (I)		Requirement met by GEOG 1113 or 2253			
Scientific Investigation (L)		DHM 2573; CHEM 1014 or 1215 fulfill this requirement.			
COLLEGE/DEPARTMENTAL REQUIREMENTS: 20 HOURS**		ELECTIVES: 10 HOURS			
Human Environmental Sciences	5	HES 1112 or 3112; HDFS 2113	Electives can be met with any additional courses providing student meets required prerequisites. It is highly recommended students take advantage of off-campus stud programs and study abroad opportunities.		
Design, Housing & Merchandising	15	Minimum grade of "C" in each course DHM 1003, 2003, 2573, 4003, 4573			

- \* 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.

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## 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		MAJOR REQUIREMENTS: 65 HOURS				
Area	Hours	To be selected from:	Minimum grade of "C" in each course		ach course	
English Composition & Oral Communication	6	ENGL 1113; & 1213 or 1413 or 3323. (See Academic Regulation 3.5 in Catalog)	HRAD 1102 HRAD 1114 HRAD 2021 HRAD 2152	HRAD 2643 HRAD 2665 HRAD 2771 HRAD 3213	HRAD 3443 HRAD 3473 HRAD 3543 HRAD 3575	HRAD 4103 HRAD 4163 HRAD 4263 HRAD 4453
American History & Government	6	HIST 1103 or 1483 or 1493; POLS 1113	HRAD 2282 HRAD 2533	HRAD 3353 HRAD 3411	HRAD 3623 HRAD 3783	HRAD 4523
Analytical & Quantitative Thought (A)	6	MATH 1483 or 1513 or 1715; STAT 2013 or 2023 or 2053	-		NAL ELECTIVES	
Humanities (H)	6	Courses designated (H)	of specialization I	consultation with pelow: ent, Conference	and Meeting Planr	an emphasis in one of the areas
Natural Sciences (N)	8	NSCI 2114; One course designated (N,L)	- International Ho HRAD 3 <sup>-</sup> HRAD 3	120 HF	rant Management RAD 4090 RAD 4120	, or Tourism  HRAD 4573  HRAD 4610
Social & Behavioral Sciences (S)	6	ECON 1113 or 2103; 3 hours from courses designated (S)	HRAD 33 HRAD 33 HRAD 33	223 HF 330 HF 344 HF	RAD 4213 RAD 4293 RAD 4333	HRAD 4643 HRAD 4723 HRAD 4783
Diversity (D)		Students are encouraged to meet the requirement in their selection of (H) or (S) course work.	HRAD 34 HRAD 38 HRAD 36 HRAD 3	573 HF 563 HF	RAD 4343 RAD 4413 RAD 4443 RAD 4561	HRAD 4833 HRAD 4850 HRAD 4900 HRAD 4983
International Dimension (I)		Students are encouraged to meet the requirement in their selection of (H) or (S) course work.	ACCT 21 ACCT 22 BCOM 3	203 HE 223 LS	reign Language S 3090 B 3213	MKTG 3213 MKTG 3323 MKTG 3513
Scientific Investigation (L)		Requirement met by (N,L) course.	ECON 2: ECON 2: FIN 3113	203 MC	GMT 3013 GMT 4413 GMT 4533	MSIS 3223 SPCH 2713
College/Depart	MENTAL I	REQUIREMENTS: 5 HOURS	Contact academi	c adviser to obtai	n other approved p	rofessional elective courses.
Human Environmental Sciences	5	HES 1112 or 3112; 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

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DEAN	DEPARTMENT HEAD	



## 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: Child and Family Services

Minimum Overall Grade Point Average: 2.50

Total Hours: 124\*

(cumulative graduation/retention GPA)

Other GPA requirements see below.

GENERAL EDUCA	TION REQ	QUIREMENTS: 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 or 1483 or 1493; POLS 1113			
Analytical & Quantitative Thought (A)	6	MATH 1483 or 1513; STAT 2013 or 2023			
Humanities (H)	6	6 hours from courses designated (H); must include one lower-division course			
Natural Sciences (N)	8	NSCI 2114 and 4 hours from courses designated (N,L)			
Social & Behavioral Sciences (S)	3	3 hours from courses designated (S)			
Diversity (D)		Any (D) designated course Students are encouraged to meet the requirement in their selection of (H) course work			
International Dimension (I)		Any course designated (I). May be satisfied 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 Science	1	HDFS 3001			

MAJOR REQUIREMENTS: 59 HOURS**			
	De	partmental 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; NSCI 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.

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## 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 Total Hours: 124\*

(cumulative graduation/retention GPA)

Other GPA requirements see below.

GENERAL EDUCATION REQUIREMENTS: 0 HOURS			Major Requirements: 88 Hours**			
Area	Hours	To be selected from:	EARLY CHILD	оноо <b>д Е</b> п	DUCATION: 30 HOURS	
English Composition & Oral Communication  American History & Government		(See Academic Regulation 3.5 in Catalog) 9 hours included in major requirements. 6 hours included in major requirements.	HDFS 2233 HDFS 2243 HDFS 3021 HDFS 3024	HDFS 31 HDFS 32 HDFS 32	23 HDFS 3233 201 HDFS 4333	
Analytical & Quantitative Thought (A)		6 hours of (A) designated courses are included in major requirements.	Area	4 REQUII	REMENTS: 58 HOURS  To be selected from:	
Humanities (H)		6 hours of (H) designated courses are included in major requirements.	Analytical & Quantitative Thought  English Composition &	12 12	MATH 1513, 3403, 3603, STAT 2013 ENGL 1113 or 1313, 1213 or 1413,	
Natural Sciences (N)		8 hours of (N) designated courses are included in major requirements.	Oral Communication		SPCH 2713 and 3 hours from ENGL 1923 or 2413 or 3183	
Social & Behavioral Sciences (S)		6 hours of (S) designated courses are included in major requirements.	Social & Cultural Dimension	22	HIST 1103 or 1483 or 1493; POLS 1113; GEOG 1113 or 2253 and	
Diversity (D)		Any course designated (D) Students are encouraged to meet the requirement in their selection of (H) course work.			3 hours from ART 1603; FLL 2103, 2203; MUSI 2573; PHIL 1013, 1213 or TH 2413 and 10 hours from one language: CHIN, FREN, GRMN,	
International Dimension (I)		3 hours of (I) designated courses are included in major requirements.			JAPN, RUSS, SPAN	
Scientific Investigation (L)		Requirement met by (N,L) course.	Natural Sciences	12	BIOL 1114 and NSCI 2114 and 4 hours from ASTR 1014, 1024; CHEM 1014; GEOG 1114; PHYS 1014;	
College/Departm	MENTAL R	EQUIREMENTS: 5 HOURS**			GEOL 1014	
Human Environmental Sciences	2	HES 1112 or 3112	<b>PROFESSI</b> HDFS 2113, 2211, 2223, 3113, 32		DRE: 31 HOURS**	
Human Development and Family Science	3	HDFS 1112, 3001		5, 52 10, 1		

#### Other Requirements:

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.

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<sup>\* 45</sup> hours must be upper-division and 60 hours must be completed at a four-year institution.



## 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: Family & Consumer Sciences Education

Minimum Overall Grade Point Average: 2.50 Total Hours: 121\*

(cumulative graduation/retention GPA)

Other GPA requirements see below.

GENERAL EDUCATION REQUIREMENTS: 37 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			
American History & Government	6	HIST 1103 or 1483 or 1493; POLS 1113			
Analytical & Quantitative Thought (A)	6	MATH 1513 or 1483; STAT 2013 or 2023			
Humanities (H)	6	One upper-division (H) course (3 hours) and one lower-division (H) course (3 hours) (DH course recommended to meet D 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). Students are encouraged to meet the requirement in their selection of (H) course work.			
International Dimension (I)		Any course designated (I). HDFS 3203 recommended as an elective for (I) credit.			
Scientific Investigation (L)		Requirement met by (N, L) course.			
College/Departm	MENTAL R	EQUIREMENTS: 3 HOURS**			
Human Environmental Sciences	2	HES 1112 or 3112			
Human Development and Family 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

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.

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## 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: Gerontology** Total Hours: 124\* Minimum Overall Grade Point Average: 2.50

(cumulative graduation/retention GPA)

Other GPA requirements see below.

GENERAL EDUCATION REQUIREMENTS: 38 HOURS			MAJOR REQUIREMENTS: 59 HOURS**			
Area	Hours	To be selected from:	Departmental Core			
English Composition & Oral Communication	9	ENGL 1113 or 1313; and 1213 or 1413 or 3323. (See Academic Regulation 3.5 in Catalog) SPCH 2713	HDFS 1112 HDFS 2113 HDFS 3113 HDFS 3123	HDFS 3423 HDFS 3433 HDFS 3443 HDFS 3453	HDFS 3523 HDFS 3533 HDFS 4413 HDFS 4423	HDFS 4473 HDFS 4521 HDFS 4525 HDFS 4533
American History & Government	6	HIST 1103 or 1483 or 1493; POLS 1113	HDFS 3413	HDFS 3513	HDFS 4433	BCOM 3113
Analytical & Quantitative Thought (A)	6	MATH 1483 or 1513; STAT 2013 or 2023		_	UIREMENTS: 10 approved by depart	
Humanities (H)	6	6 hours from courses designated (H); must include at least 3 hours from lower- division requirement.		S 4813 S 4823		
Natural Sciences (N)	8	NSCI 2114 4 hours from courses designated (N,L)	BIOL	• ,	approved by depa	irtment):
Social & Behavioral Sciences (S)	3	3 hours from courses designated (S)	DHM			
Diversity (D)		Any (D) designated course Students are encouraged to meet the requirement in their selection of (H) course work.	HDFS HHP	3 4713; 3 114, 3613, 4783; 3 423, 4943;		
International Dimension (I)		Any course designated (I). May be satisfied in any part of the degree program.	NSCI	T 3013, 4213; 3223, 4023; 3833, 4013;		
Scientific Investigation (L)		Requirement met by (N,L) course		3823, 3713, 4223 3993, 4533;	;	
College/Departi	MENTAL R	EQUIREMENTS: 3 HOURS**		3204		
Human Environmental Sciences	2	HES 1112 or 3112		ELECT	ves: 6 Hours	
Human Development and Family Science	1	HDFS 3001	6 hours of electives a graduation.	pproved by HDFS	to total the minimu	m 124 hours required for

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.

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<sup>\* 45</sup> hours must be upper-division and 60 hours must be completed at a four-year institution.

<sup>\*\*</sup> A 2.50 Major GPA is required. This includes all courses in College/Departmental and Major Requirements.



## OKLAHOMA STATE UNIVERSITY

**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 Total Hours: 120\*

(cumulative graduation/retention GPA)

Other GPA requirements see below.

GENERAL EDUCATION REQUIREMENTS: 43 HOURS		QUIREMENTS: 43 HOURS	MAJOR REQUIREMENTS: 69 HOURS**
Area	Hours	To be selected from:	NSCI 2114, 3223, 3440 (1 hour), 3543, 4023, 4323
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)	CHEM 3015 or 3053, 3112, and 3153 (complete series) see advisor BIOC 3653
American History & Government	6	HIST 1103 or 1483 or 1493; POLS 1113	HHP 2603, 2802 MICR 2123, 2132 UNIV 2511
Analytical & Quantitative Thought (A)	6	MATH 1513; STAT 2013 or 2023	ZOOL 1604, 2104, 3204
Humanities (H)	6	Select from courses designated (H); (at least 3 hours from lower-division)	18 - 21 controlled electives to total 69 hours of major requirements.
Natural Sciences (N)	13	BIOL 1114, CHEM 1215 or 1314 and CHEM 1225 or 1515 (see advisor)	
Social & Behavioral Sciences (S)	3	3 hours from ECON, PSYC or SOC courses designated (S)	
Diversity (D)		Any course designated (D) Students are encouraged to meet the requirement in their selection of (H) course work	NOTE: If student chooses CHEM 3015 they must take 21 hours controlled elective student chooses CHEM 3053, 3112 and 3153 they must take 18 controlled elective hours.
International Dimension (I)		Requirement met by NSCI 3543	Ensure that enough upper-division controlled electives are taken to meet the 40 hour upper-division Regents requirement.
Scientific Investigation (L)		Requirement met by (N,L) course.	
College/Departm	IENTAL R	EQUIREMENTS: 8 HOURS**	
Human Environmental Sciences	5	HES 1112 or 3112; HDFS 2113 or 2114 (Honors)	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.
Nutritional Sciences	3	NSCI 4643	

## Other Requirements:

A grade of "C" or better is required in all NSCI 3000- and 4000-level courses.

Transfer Admission Requirements: 2.50 GPA.

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<sup>\* 40</sup> upper-division hours required and 60 hours must be completed at a four-year institution.

<sup>\*\*</sup> A 2.50 Major GPA is required. This includes all courses in College/Departmental and Major Requirements.



## 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		QUIREMENTS: 43 HOURS	MAJOR REQUIREMENTS: 69 HOURS**
Area	Hours	To be selected from:	NSCI 2114, 3223, 3440 (1 hour), 3543, 3813, 4023, 4323, 4733
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	BIOC 3653 CHEM 3015
American History & Government	6	HIST 1103 or 1483 or 1493; POLS 1113	FIN 2123 HRAD 1114, 2021 MKTG 3213
Analytical & Quantitative Thought (A)	6	MATH 1513; STAT 2013 or 2023	ZOOL 3204
Humanities (H)	6	Select from courses designated (H); (at least 3 hours from lower-division)	23 hours controlled electives to total 69 hours of major requirements.
Natural Sciences (N)	13-14	BIOL 1114, CHEM 1215 or 1314 and CHEM 1225 or 1515	
Social & Behavioral Sciences (S)	3	3 hours from ECON, PSYC or SOC courses designated (S)	
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	Ensure that enough upper-division controlled electives are taken to meet the 40 upper- division Regents requirement.
Scientific Investigation (L)		Requirement met by (N,L) course	
College/Depart	MENTAL <b>R</b>	EQUIREMENTS: 8 HOURS**	
Human Environmental Sciences	5	HES 1112 or 3112; HDFS 2113 or 2114 (Honors)	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.
Nutritional Sciences	3	NSCI 4643	

<sup>\* 40</sup> upper-division hours required and 60 hours must be completed at a four-year institution.

A grade of "C" or better is required in all NSCI 3000- and 4000-level courses.

Transfer Admission Requirements: 2.50 GPA.

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<sup>\*\*</sup> A 2.50 Major GPA is required. This includes all courses in College/Departmental and Major Requirements.



## 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** 

Minimum Overall Grade Point Average: 2.50 **Total Hours: 121\*** 

(cumulative graduation/retention GPA)

Other GPA requirements see below.

GENERAL EDUCA	TION REQ	QUIREMENTS: 43 HOURS	MAJOR REQUIREMENTS: 70 HOURS**
Area	Hours	To be selected from:	NSCI 2211, 2114, 3133, 3223, 3440 (1 hour), 3543, 3813, 4111
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)	4323, 4573, 4733, 4854, 4864  BIOC 3653  CHEM 3015
American History & Government	6	HIST 1103 or 1483 or 1493; POLS 1113	HRAD 1114, 2021, 2152, 2282, 2665, 3213 MICR 2123, 2132
Analytical & Quantitative Thought (A)	6	MATH 1513; STAT 2013 or 2023	ZOOL 3204
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 (N,L) course.	
College/Departm	MENTAL R	EQUIREMENTS: 8 HOURS**	This degree program meets the Didactic Program in Dietetics requirements  Commission on Accreditation for Dietetics Education of the American Dietetics
Human Environmental Sciences	5	HES 1112 or 3112; HDFS 2113 or 2114 (Honors)	Association, 120 South Riverside Plaza, Suite 2000, Chicago, IL 60606-0040, Ext. 5400.
Nutritional Sciences	3	NSCI 4643	

ogram in Dietetics requirements for the Education of the American Dietetic uite 2000, Chicago, IL 60606-6995, 312/899-

A grade of "C" or better is required in all NSCI 3000- and 4000-level courses.

Transfer Admission Requirements: 2.50 GPA.

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<sup>\* 40</sup> upper-division hours required and 60 hours must be completed at a four-year institution.

<sup>\*\*</sup> A 2.50 Major GPA is required. This includes all courses in College/Departmental and Major Requirements.



## 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 Total Hours: 146\*

(cumulative graduation/retention GPA)

Other GPA requirements see below.

Harre	To be selected from:
9	ENGL 1113 or 1313; and 1213 or 1413 or 3323. (See Academic Regulation 3.5 in Catalog) SPCH 3723 (or 2713)
6	HIST 1103 or 1483 or 1493; POLS 1113
6	MATH 1513; STAT 2013 or 2023
6	Select from courses designated (H); (at least 3 hours from lower-division)
13-14	BIOL 1114; CHEM 1215 or 1314 and CHEM 1225 or 1515
3	PSYC 1113
	Any course designated (D) Students are encouraged to meet the requirement in their selection of (H) course work
	Requirement met by NSCI 3543
	Requirement met by (N,L) course.
ENTAL R	EQUIREMENTS: 8 HOURS**
5	HES 1112 or 3112; HDFS 2113 or 2114 (Honors)
3	NSCI 4643
	6 6 6 13-14 3 5

MAIOR	REQUIREMENTS:	95 HOURS**
MAIUN	NEUUINEMEN 13.	JJ HUUNS

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** 

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, 312/899-0040, Ext. 5400.

#### Other 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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<sup>\* 40</sup> upper-division hours required and 60 hours must be completed at a four-year institution.

<sup>\*\*</sup> A 2.50 Major GPA is required. This includes all courses in College/Departmental and Major Requirements.



## OKLAHOMA STATE UNIVERSITY

General Requirements for Students Matriculating in Academic Year 2011-2012

## **BACHELOR of SCIENCE in HUMAN ENVIRONMENTAL SCIENCES**

**MAJOR: Nutritional Sciences OPTION: Human Nutrition/Pre-medical Sciences** 

Minimum Overall Grade Point Average: 2.50 Total Hours: 122\*

(cumulative graduation/retention GPA)

Other GPA requirements see below.

GENERAL EDUCATION REQUIREMENTS: 52 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 1715 (or 1513 + 1613); 2103	
Humanities (H)	6	PHIL 1213 3 hours from courses designated (H); Students are encouraged to select a course with (D,H) designation.	
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 (H) course work	
International Dimension (I)		Requirement met by NSCI 3543	
Scientific Investigation (L)	8	PHYS 1114 and 1214 or 2014 and 2114	
College/Departm	MENTAL R	EQUIREMENTS: 8 HOURS**	
Human Environmental Sciences	5	HES 1112 or 3112; HDFS 2113 or 2114 (Honors)	
Nutritional Sciences	3	NSCI 4643	

## MAJOR REQUIREMENTS: 62 HOURS\*\*

NSCI 2114, 3223, 3440 (1 hr), 3543, 4023, 4323

BIOC 3653, 4113

BIOL 1114, 3023

CHEM 3053, 3112, 3153

MICR 2123, 2132, 3033

**STAT 2013** 

**UNIV 2511** 

ZOOL 1604, 2104, 3204

This degree program meets pre-med requirements in Oklahoma medical schools.

This degree program does not meet all the Didactic Program in Dietetics Academic Course Requirements. See the Nutritional Sciences Major/Dietetics Option sheet for courses necessary to meet these requirements.

## Other Requirements:

A grade of "C" or better is required in all NSCI 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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<sup>\* 40</sup> upper-division hours required and 60 hours must be completed at a four-year institution.

<sup>\*\*</sup> A 2.50 Major GPA is required. This includes all courses in College/Departmental and Major Requirements.



## OKLAHOMA STATE UNIVERSITY

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 (N,L) course	
COLLEGE/DEPARTM	ENTAL R	EQUIREMENTS: 8 HOURS**	
Human Environmental Sciences	5	HES 1112 or 3112; 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:

A grade of "C" or better is required in all NSCI 3000- and 4000-level courses.

Transfer Admission Requirements: 2.50 GPA.

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<sup>\* 40</sup> upper-division hours required and 60 hours must be completed at a four-year institution.

<sup>\*\*</sup> A 2.50 Major GPA is required. This includes all courses in College/Departmental and Major Requirements.

# **Spears School of Business**

## **Bachelor of Science in Business Administration**

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



## OKLAHOMA STATE UNIVERSITY

General Requirements for Students Matriculating in Academic Year 2011-2012

## BACHELOR of SCIENCE in BUSINESS ADMINISTRATION

**MAJOR: Accounting** 

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:	
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 (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 (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 (N) course work.	
College/Departmental Requirements: 7 Hours			
Orientation	1	BADM 1111	
Analytical & Quantitative	3	MATH 2103	
Oral Communication	3	SPCH 2713	

## 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

A GPA of 2.20 is required in these courses.

#### School of Accounting Major Requirements: 36 hours

ACCT 3013, 3103, 3113, 3203, 3603, 4133, 4503

MSIS 3123

## 3 hours from:

BCOM 3113 or 3223

SPCH 3723

ENGL 3323 (If substituted for ENGL 1213 another of the listed courses is required.)

#### 9 hours from:

ACCT 4033, 4553, 4763, 4930(3)

ECON 3023, 3113, 3313

4113, 4213, 4223, 4333, 4763, 4843

LSB 4323, 4413, 4523, 4633

MSIS 2203, 3333, 4003, 4113, 4253, 4273

MKTG 4773 STAT 3013

A grade of "C" or better must be earned in each course and in ACCT 2103 and 2203.

A GPA of 2.20 is required in these 36 hours of School of Accounting Major Requirements. 18 of these 36 hours must be in residence at OSU.

## **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:

- A minimum of 50 percent of the business hours required for a degree must be in residence at OSU.
- Forty-five hours of upper division courses and a minimum of 60 hours must be completed at a 4-year institution.
- A minimum of 15 of the last 30 hours must be in residence at OSU.

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## OKLAHOMA STATE UNIVERSITY

General Requirements for Students Matriculating in Academic Year 2011-2012

**BACHELOR of SCIENCE in BUSINESS ADMINISTRATION** 

**MAJOR: Economics** 

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:	
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 (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 (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 (N) course work.	
College/Depart	MENTAL I	REQUIREMENTS: 7 HOURS	
Orientation	1	BADM 1111	
Oral Communication	3	SPCH 2713	
Analytical and Quantitative	3	MATH 2103	

## **MAJOR REQUIREMENTS: 69 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

## **Economics Major Requirements: 33 hours**

ECON 3113, 3123

ECON – 15 hours from other upper-division ECON courses.

3 hours from:

BCOM 3113, 3223 ENGL 3030, 3323 SPCH 3723

9 hours upper-division electives

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.

A GPA of 2.00 is required in these 69 hours (one average).

## **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.

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## OKLAHOMA STATE UNIVERSITY

General Requirements for Students Matriculating in Academic Year 2011-2012

## **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			
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 (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 (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 (N) course work.	
College/Depart	MENTAL I	REQUIREMENTS: 7 HOURS	
Orientation	1	BADM 1111	
Analytical and Quantitative	3	MATH 2103	
Oral Communication	3	SPCH 2713	

## **MAJOR REQUIREMENTS: 69 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

#### **Economics Major Requirements: 33 hours**

ECON 3023, 3113, 3123, 3313

ECON 4213 or 4223

MSIS 3233

ECON - 6 additional upper-division hours.

STAT 3013

#### 3 hours from:

BCOM 3113, 3223 ENGL 3030, 3323 SPCH 3723

3 hours upper-division electives

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.

A GPA of 2.00 is required in these 69 hours (one average).

## **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.

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## OKLAHOMA STATE UNIVERSITY

General Requirements for Students Matriculating in Academic Year 2011-2012

BACHELOR of SCIENCE in BUSINESS ADMINISTRATION

MAJOR: Economics OPTION: Pre-Law

Minimum Overall Grade Point Average: 2.00 Total Hours: 120

(cumulative graduation/retention GPA)

Other GPA requirements see below.

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 (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 (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 (N) course work.
College/Depart	MENTAL I	REQUIREMENTS: 7 HOURS
Orientation	1	BADM 1111
Oral Communication	3	SPCH 2713
Analytical and Quantitative	3	MATH 2103

## **MAJOR REQUIREMENTS: 69 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

## **Economics Major Requirements: 33 hours**

ECON 3113, 3123, 3713, 4723

ECON - 9 hours from other upper-division ECON courses

PHIL 1313 POLS 3983

3 hours from:

POLS 2023, 4963, 4973, 4983

**SPCH 4733** 

3 hours from:

BCOM 3113, 3223 ENGL 3030, 3323

SPCH 3723

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.

A GPA of 2.00 is required in these 69 hours (one average).

## **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.

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OKLAHOMA STATE UNIVERSITY

General Requirements for Students Matriculating in Academic Year 2011-2012

**BACHELOR of SCIENCE in BUSINESS ADMINISTRATION** 

**MAJOR: Entrepreneurship** 

Minimum Overall Grade Point Average: 2.00

(cumulative graduation/retention GPA)

Other GPA requirements see below.

## Students must apply to the Entrepreneurship major through the Department office, 104B Business Building

**Total Hours: 120** 

GENERAL EDUCATION REQUIREMENTS / 34 HOURS		MAJOR REQUIREMENTS / 72 HOURS				
Area	Hours	To be selected from:		Common	Body: 36 hours	
English Composition & Oral Communication	6	ENGL 1113 or 1313; & 1213 or 1413. (See Academic Regulation 3.5 in Catalog)	ACCT 2103 MSIS 2103 MKTG 3213	ACCT 2203 STAT 2023 LSB 3213	ECON 2103 FIN 3113 MSIS 3223	ECON 2203 MGMT 3013 EEE 4513
American History & Government	6	HIST 1103; POLS 1113			WIO10 3220	
Analytical & Quantitative Thought (A)	3	MATH 1483 or 1513	Entre EEE 3023, 3263, 3663		jor Requiremen	ts: 36 hours
Humanities (H)	6	Any course designated (H).	9 hours from:			
Natural Sciences (N)	7	One course designated (L, N). One course designated (N).	EEE 1010, 1020, 3020, 3033, 3513, 4010, 4113, 4263, 4313, 4483, 4603, 4610 ECON 3033 EPSY 3110 LSB 4403 MKTG 3323, 4333, 4973			4313, 4483, 4603, 4610
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.	15 hours from: Select an additional 15 upper-division hours from fields in the SSB			
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 (N) course work.				
College/Depart	MENTAL F	REQUIREMENTS / 7 HOURS	A ODA - (0.00 i i-	d'a llaca a OC ha		and the second second second second
Orientation	1	BADM 1111	A GPA of 2.00 is require 18 of these 36 hours mu		•	ursnip major requiremen
Analytical & Quantitative	3	MATH 2103	A GPA of 2.20 is require	ed in these 72 ho	urs.	
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:

- A minimum of 50 percent of the business hours required for a degree must be in residence at OSU.
- Forty-five hours of upper division courses and a minimum of 60 hours must be completed at a 4-year institution.
- A minimum of 15 of the last 30 hours must be in residence at OSU.

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## OKLAHOMA STATE UNIVERSITY

General Requirements for Students Matriculating in Academic Year 2011-2012

**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:		
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 (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 (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 (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: 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

## Finance Major Requirements: 36 hours

## 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

#### General

<u>18 hours from</u>: 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

A minimum GPA of 2.00 is required in these 36 hours of Finance 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.

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## OKLAHOMA STATE UNIVERSITY

General Requirements for Students Matriculating in Academic Year 2011-2012

## BACHELOR of SCIENCE in BUSINESS ADMINISTRATION

**MAJOR: General Business** 

**Total Hours: 120** 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 (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 (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 (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: 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:

**ACCT** 

**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:

- A minimum of 50 percent of the business hours required for a degree must be in residence at OSU.
- 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.

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## OKLAHOMA STATE UNIVERSITY

General Requirements for Students Matriculating in Academic Year 2011-2012

BACHELOR of SCIENCE in BUSINESS ADMINISTRATION

**MAJOR: General Business Option: Pre-Law** 

Minimum Overall Grade Point Average: 2.00 Total Hours: 120

(cumulative graduation/retention GPA)

Other GPA requirements see below.

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	<u>3 ł</u>
Humanities (H)	6	Any course designated (H).	EI
Natural Sciences (N)	7	One course designated (L, N). One course designated (N).	<u>18</u>
Social & Behavioral Sciences (S)	6	Any course designated (S).	A E
Diversity (D)	-	Any course designated (D). Students are encouraged to meet the requirement in their selection of (H) or (S) course work.	F L N
International Dimension (I)	-	Any course designated (I). Students are encouraged to meet the requirement in their selection of (H) or (S) course work.	9 h
Scientific Investigation (L)	-	Any course designated (L). Students are encouraged to meet the requirement in their selection of (N) course work.	LSI PO
College/Depart	MENTAL I	REQUIREMENTS: 7 HOURS	A G
Orientation	1	BADM 1111	Am
Analytical and Quantitative	3	MATH 2103	
Oral Communication	3	SPCH 2713	

## 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:

**ACCT ECON** EEE FIN LSB MGMT

hours from:

CON 3713, 4723 SB 4323, 4403, 4413, 4423, 4523, 4633 POLS 3983, 4963, 4973, 4983

hours upper-division SSB electives.

GPA of 2.00 is required in these 36 hours. 18 of these 36 hours must be in residence

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:

- A minimum of 50 percent of the business hours required for a degree must be in residence at OSU.
- 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.

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## OKLAHOMA STATE UNIVERSITY

**General Requirements for Students Matriculating in Academic Year 2011-2012** 

## **BACHELOR of SCIENCE in BUSINESS ADMINISTRATION**

**MAJOR: International Business** 

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:	
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 (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 (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 (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: 75 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

## 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, 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.
- . 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.

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## OKLAHOMA STATE UNIVERSITY

General Requirements for Students Matriculating in Academic Year 2011-2012

**BACHELOR of SCIENCE in BUSINESS ADMINISTRATION** 

**MAJOR: Management** 

Minimum Overall Grade Point Average: 2.00 **Total Hours: 120** 

MGMT 4513 or EEE 4513

(cumulative graduation/retention GPA)

Other GPA requirements see below.

GENERAL EDUCA	TION REQ	QUIREMENTS: 34 HOURS	M	Ajor Requi	REMENTS: 66	Hours
Area	Hours	To be selected from:		Common	Body: 36 hours	
English Composition & Oral Communication	6	ENGL 1113 or 1313; & 1213 or 1413. (See Academic Regulation 3.5 in Catalog)	ACCT 2103 MSIS 2103 MKTG 3213	ACCT 2203 STAT 2023 LSB 3213	ECON 2103 FIN 3113 MSIS 3223	ECON 2203 MGMT 3013 MGMT 4513 or EEE 4
American History & Government	6	HIST 1103; POLS 1113		L3B 32 13	WISIS 3223	
Analytical & Quantitative Thought (A)	3	MATH 1483 or 1513	Ma MGMT 3123, 3313, 43		r Requirements:	30 hours
Humanities (H)	6	Any course designated (H).	9 hours from:			
Natural Sciences (N)	7	One course designated (L, N). One course designated (N).	Upper-division MGMT 6 hours from:	courses		
Social & Behavioral Sciences (S)	6	Any course designated (S).	BCOM 3113 or ENGL 3 BCOM 3223 or SPCH 3			
Diversity (D)		Any course designated (D). Students are encouraged to meet the requirement in their selection of (H) or (S) course work.	6 hours from: Upper-division business	courses		
International Dimension (I)		Any course designated (I). Students are encouraged to meet the requirement in their selection of (H) or (S) course work.	A GPA of 2.00 is require	ed in these 30 ho	urs of Manageme	ent Major Requirements.
Scientific Investigation (L)		Any course designated (L). Students are encouraged to meet the requirement in their selection of (N) course work.	15 of these 30 hours m	ust be in residen	ce at OSU.	
College/Depart	MENTAL Ì	REQUIREMENTS: 7 HOURS				
Orientation	1	BADM 1111				
Analytical and Quantitative	3	MATH 2103	A minimum GPA of 2.00	) is required in th	ese 66 hours.	
Oral Communication	3	SPCH 2713				

## **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.

## Other Requirements:

- A minimum of 50 percent of the business hours required for a degree must be in residence at OSU.
- Forty-five hours of upper division courses and a minimum of 60 hours must be completed at a 4-year institution.
- A minimum of 15 of the last 30 hours must be in residence at OSU.

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## OKLAHOMA STATE UNIVERSITY

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: 120

(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 (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 (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 (N) course work.
College/Depart	MENTAL I	REQUIREMENTS: 7 HOURS
Orientation	1	BADM 1111
Analytical and Quantitative	3	MATH 2103
Oral Communication	3	SPCH 2713

## 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

## Human Resource Management Major Requirements: 36 hours

MGMT 3123, 3313, 4133, 4813 LSB 4423

STAT 3013 or PSYC 3214

### 6 hours from:

BCOM 3113 or ENGL 3323 BCOM 3223 or SPCH 3723

## 12 hours from:

ECON 3513 FPST 3013

MGMT 4123, 4153, 4213, 4313, 4533, 4613, 4693, 4713

MSIS 3103 or 4003 or 4263

PSYC 4813

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

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.

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## OKLAHOMA STATE UNIVERSITY

**General Requirements for Students Matriculating in Academic Year 2011-2012** 

## **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.

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 (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 (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 (N) course work.	
College/Depart	MENTAL Ì	REQUIREMENTS: 7 HOURS	
Orientation	1	BADM 1111	
Analytical and Quantitative	3	MATH 2103	
Oral Communication	3	SPCH 2713	

## 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

#### Sports Management Major Requirements: 36 hours

MGMT 3123, 3313, 3943, 4743, 4943

## 6 hours from:

Upper-division MGMT courses

#### 6 hours from:

BCOM 3113 or ENGL 3323 BCOM 3223 or SPCH 3723

## 9 hours from:

ECON 3513, 3723 LSB 4423

MGMT 4843

MKTG 3323, 3433, 3473, 3713

MSIS 4943

A GPA of 2.00 is required in these 36 hours of Sports Management 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.

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## OKLAHOMA STATE UNIVERSITY

**General Requirements for Students Matriculating in Academic Year 2011-2012** 

## BACHELOR of SCIENCE in BUSINESS ADMINISTRATION

**MAJOR: Management Information Systems** 

Minimum Overall Grade Point Average: 2.00 Total Hours: 120

(cumulative graduation/retention GPA)

Other GPA requirements see below.

Area	Hours	To be selected from:
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 (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 (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 (N) course work.
College/Depart	MENTAL I	REQUIREMENTS: 7 HOURS
Orientation	1	BADM 1111
Analytical and Quantitative	3	MATH 2103
Oral Communication	3	SPCH 2713

## **MAJOR REQUIREMENTS: 75 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

## 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

S 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.

## 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.

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## OKLAHOMA STATE UNIVERSITY

**General Requirements for Students Matriculating in Academic Year 2011-2012** 

## **BACHELOR of SCIENCE in BUSINESS ADMINISTRATION**

MAJOR: Management Information Systems OPTION: Information Assurance

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 (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 (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 (N) course work.	
College/Depart	MENTAL I	REQUIREMENTS: 7 HOURS	
Orientation	1	BADM 1111	
Analytical and Quantitative	3	MATH 2103	
Oral Communication	3	SPCH 2713	

## **MAJOR REQUIREMENTS: 75 HOURS**

Total Hours: 120

## 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

## Management Information Systems Major Requirements: 39 hours

MSIS 4033

MSIS 2203 and 3363

3233 or 3243

4133 or 4363

3123, 3333, 4003, 4523

#### 9 hours from:

MSIS 4233, 4243, 4253, 4273

## 3 hours from:

ACCT 3103, 3113, 3203, 3603, 4503, 4653

CS 2133, 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.

## 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.

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## OKLAHOMA STATE UNIVERSITY

**General Requirements for Students Matriculating in Academic Year 2011-2012** 

## **BACHELOR of SCIENCE in BUSINESS ADMINISTRATION**

MAJOR: Management Information Systems OPTION: Management Science and Computer Systems

Minimum Overall Grade Point Average: 2.00 Total Hours: 120

(cumulative graduation/retention GPA)

Other GPA requirements see below.

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 (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 (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 (N) course work.
College/Depart	MENTAL I	REQUIREMENTS: 8 HOURS
Orientation	1	BADM 1111
Analytical and Quantitative	4	MATH 2144
Oral Communication	3	SPCH 2713

## **MAJOR REQUIREMENTS: 75 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

## Management Information Systems Major Requirements: 39 hours

MSIS 4033

MSIS 2203, 3123, 3233, 3243, 3333, 3363, 4003, 4263

MSIS 4133 or 4363

## 6 hours from:

STAT 3013, 4033, 4043, 4053, 4113, 4203, 4213

#### 3 hours from:

ACCT 3103, 3113, 3203, 3603, 4653

CS 2133, 2351, 2433, any upper-division courses except 4113 and 4883

ECON 4213, 4223 FIN 4223, 4333, 4613 IEM 4103, 4203, 4713 MATH 3013, 4553

MKTG 4223, 4333, 4973, 4983, 4993
MSIS any upper-division courses
TCOM any upper-division courses

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: 3 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.

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## OKLAHOMA STATE UNIVERSITY

General Requirements for Students Matriculating in Academic Year 2011-2012

**BACHELOR of SCIENCE in BUSINESS ADMINISTRATION** 

**MAJOR: Marketing** 

Minimum Overall Grade Point Average: 2.00 Total Hours: 120

(cumulative graduation/retention GPA)

Other GPA requirements see below.

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 (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 (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 (N) course work.
College/Depart	MENTAL I	REQUIREMENTS: 7 HOURS
Orientation	1	BADM 1111
Analytical and Quantitative	3	MATH 2103
Oral Communication	3	SPCH 2713

## 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.

A GPA of 2.00 is required in these 36 hours of Marketing Major Requirements. 18 of these 36 hours must be in residence at OSU.

A minimum 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.

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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, 01l 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, 0ll 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, 4123, 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 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&S 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 2l13 or 2l23; 4l13; 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 III4; 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 non-Western 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, 405-744-6114.

#### 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 l103, 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 2l14, 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 <u>in residence</u> 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 <u>in residence</u> at OSU, and 9 of the 12 directed elective hours for MIS must be taken <u>in residence</u> 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.