

REQUIREMENTS FOR THE BACHELOR OF SCIENCE IN ZOOLOGY

COLLEGE OF ARTS AND SCIENCES THE UNIVERSITY OF OKLAHOMA

For Students Entering the Oklahoma State System for Higher Education:
Summer 2000 through Spring 2001

Minimum Credit Hours and Grade Averages Required
Credit Hours:
 Total - **124** Upper-Division Within Total - **48**
 Major - **35** Upper-Division Within Major - **19**
Grade Point Averages:
Overall: Combined OU/Transfer - **2.00** OU - **2.00**
Major: Combined OU/Transfer - **2.00** OU - **2.00**

Zoology—
Biomedical Sciences
0407D
 Bachelor of Science
 in Zoology

GENERAL EDUCATION AND COLLEGE REQUIREMENTS Courses graded S/U or P/NP will not apply.	Some courses required for the major may also fulfill University General Education and/or Additional College of Arts & Sciences Requirements			
Courses for fulfillment of General Education and College of Arts & Sciences requirements must be from the approved General Education course list.	MAJOR REQUIREMENTS	Hours	MAJOR SUPPORT REQUIREMENTS	Hours
<p style="text-align: center;">University-Wide General Education Requirements (minimum 40 hours)</p> <p>Core Area I: Symbolic and Oral Communication (9-19 hours, 3-5 courses) a: English Composition (6 hours, 2 courses) 1. English 1113, Principles of English Composition 2. English 1213, Principles of English Composition</p> <p>b: Foreign Language (0-10 hours, 2 courses in the same language). May be met by successful completion of 2 years of the same foreign language in high school.</p> 1. Beginning Course, 0-5 hours _____ 2. Beginning Course, continued, 0-5 hours _____ <p>c: Mathematics (3 hours, 1 course) _____</p> <p>Core Area II: Natural Science (see specific College of Arts & Sciences requirements)</p> <p>Core Area III: Social Science (6 hours, 2 courses) 1. Political Science 1113, American Federal Government and one additional course: 2. _____</p> <p>Core Area IV: Humanities (12 hours, 4 courses) a: Understanding Artistic Forms (3 hours, 1 course) _____</p> <p>b: Western Civilization and Culture (6 hours, 2 courses) 1. History 1483, U.S., 1492-1865, or History 1493, U.S., 1865-Present, and one additional course: 2. _____ (excluding HIST 1483 and 1493)</p> <p>c: Non-Western Culture (3 hours, 1 course): _____</p> <p>Senior Capstone Experience (3 hours, 1 course): _____</p> <p style="text-align: center;">Additional College of Arts & Sciences College Requirements</p> <p>I. Science (7 hours, 2 courses). One of the areas must include a laboratory. 1. Biological Science _____ 2. Physical Science _____</p> <p>II. Foreign Language (0-3 hours). One course at the intermediate level or demonstrated competency at that level Intermediate Course, 3 hours _____</p> <p>III. Western Civilization (6 upper-division hours, 2 courses). Must be outside the major and in addition to University General Education Core IV 1. _____ 2. _____</p>	<p>Thirty hours of major coursework must be completed (exclusive of ZOO 1005, 1114, 1121, 2124, 2234, 2255, 2343 and 3823).</p> <p>ZOOLOGY 1114 Introductory Zoology (4) 1121 Introductory Zoology Lab (1) 2011 Critical Evaluation of Biol. Res. 1 2012 Found. In Biomedical Sciences 2 2094 Invertebrate Zoology, or 2204 Comparative Vertebrate Anatomy _____ 4 _____ 4 3333 Genetics 3 4983 Senior Seminar (Capstone) 3</p> <p>One course from each of the following core groups:</p> <p>POPULATION: 3013 Evolution _____ 3 3083 Animal Behavior _____ 3403 Principles of Ecology _____ 3</p> <p>ORGANISMAL: 3103 Principles of Physiology _____ 3 3203 Animal Development _____ 3</p> <p>CELLULAR: 3113 Cell Biology _____ 3 4843 Intro. to Molecular Biology _____ 3</p> <p>At least one 4000- or 5000-level course must be completed.</p> <p>Two upper-division courses with laboratories must be included in the major work from: 3092, 3101, 3201, 3342, 3403, 4034, 4044, 4064, 4073, 4083, 4194, 4243, 4284, 4493, 4653, 5204, 5293, 5363, 5494, 5503, 5673.</p> _____ 3-4 _____ 3-4 _____ 3-4 _____ 0-4 <p>A grade of C or better must be earned in each course counted for major credit.</p>	<p>BOTANY/MICROBIOLOGY BOT 1114 General Botany, or MBIO 2815 Intro. to Microbiology, or MBIO 3813 Fund. of Microbiology _____ 3-5</p> <p>CHEMISTRY 1315 General Chemistry 5 1415 General Chemistry 5 3053 Organic Chemistry, and 3152 Organic Chemistry Lab, and 3153 Organic Chemistry 3 3653 Intro. to Biochemistry 3</p> <p>ETHICS OR HISTORY OF SCIENCE 3013 Hist. of Sci. to Newton, or 3023 Hist. of Sci. since 17th Cent., or An approved course in ethics of medicine or biology _____ 3</p> <p>PHYSICS 1302 General Physics Lab 2 2414 Gen. Physics for Life Science, and 2424 Gen. Physics for Life Science, or 2514 Gen. Physics for Engr. & Sci., and 2524 Gen. Physics for Engr.&Sci. _____ 4 _____ 4</p> <p>MATH 1743 Calc. I-Bus., Life & Soc. Sc., or 1823 Calculus & Analytic Geometry I _____ 3</p>	<p style="text-align: center;">Free Electives</p> <p>Electives to bring total applicable hours to 124 including 48 upper-division hours.</p>	

INFORMATION CONCERNING GENERAL RULES, REGULATIONS AND MINIMUM REQUIREMENTS

TOTAL HOURS: A minimum of 124 semester hours acceptable toward graduation must be completed.

UPPER-DIVISION HOURS: A minimum of 48 upper-division semester hours acceptable toward graduation must be completed. OU courses numbered 3000 or above are upper-division. Transfer work will be counted as lower-division or upper-division credit depending on the level at which it was offered at the institution where the work was taken. All two-year college work is considered to be lower-division.

ARTS AND SCIENCES HOURS: At least 80 semester hours of liberal arts and sciences courses are required for a BA degree. At least 55 semester hours of liberal arts and sciences courses are required for a BS degree.

MAJOR WORK: At least 30 semester hours in the major must be completed.

HOURS BY EXAM, CORRESPONDENCE STUDY AND/OR EXTENSION: A maximum of 31 semester hours (or 1/4 of the total hours required for a preprofessional program of study) may be completed by a combination of exam, correspondence study and/or extension credit.

PASS/NO PASS ENROLLMENT: A maximum of 16 semester hours of free elective credit may be attempted under this option.

INDIVIDUAL STUDIES (e.g., courses titled "Independent Study"): A maximum of 12 total semester hours may be counted toward graduation.

REPEAT OF FAILED COURSEWORK: A student earning a grade of "F" in an upper-division course at OU may not repeat the course for credit at another institution without the prior written permission of the department that offered the course at OU.

MILITARY, MILITARY IN-SERVICE, AND P.E. COURSES: A maximum of 16 semester hours total of basic skills courses; aerospace studies, military science, and naval science courses; advanced military in-service experience; and PE activity courses may be included in the minimum 124 semester hours required for graduation. No more than four of the 16 semester hours may be in PE activity courses.

SENIOR INSTITUTION HOURS: A minimum of 60 semester hours applied toward graduation must be earned at senior (4-year) institutions.

RESIDENCY:

- A minimum of 30 semester hours acceptable toward graduation must be earned in residence at OU, including at least 15 of the last 30 hours applied toward the degree.
- At least 15 semester hours of upper-division major work must be completed in residence at OU.
- OU correspondence courses are **not** considered resident credit.
- Credits earned via examination are neither resident nor nonresident credit.

GRADE POINT AVERAGES: Students must earn a minimum overall 2.00 for each of the following: Combined Retention GPA (all college grades), OU Retention GPA, GPA for all major courses, and GPA for all major courses taken at OU. Some schools and departments of the College have higher minimum grade point averages required for their students.

SPECIAL DEGREES: Students may qualify for an Honors degree (cum Laude, Magna cum Laude, or Summa cum Laude) by completing specific requirements of the Honors College. A degree will be earned with Distinction if the student completes at least 60 semester hours at OU with at least a 3.60 combined retention GPA and OU retention GPA. A degree will be earned with Special Distinction if the student completes at least 60 semester hours at OU with at least a 3.90 combined retention GPA and OU retention GPA.

APPLICATION FOR GRADUATION: Students must apply for graduation during the term in which they complete their degree requirements in order to graduate in that term. Application forms are available from the College of Arts and Sciences Academic Services, Physical Sciences Center, Room 429. The deadline for completion of all coursework to graduate in a particular term is the last day of classes in that term.

GRADUATION PLAN			
Freshman Year	Sophomore Year	Junior Year	Senior Year
			Total Hours _____ Upper-Division _____