

# 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 2002 through Spring 2003**

Minimum Credit Hours and Grade Point Averages Required			
Total Hours —	<b>124</b>	Upper-Division Within Total	<b>48</b>
Major Hours —	<b>35</b>	Upper-Division Within Major	<b>18</b>
<b>Grade Point Averages:</b>			
Overall & Major: Combined OU/Transfer - <b>2.00</b> OU - <b>2.00</b>			
<b>48 Upper-Division Hours REQUIRED</b>			

Zoology—Biomedical Sciences  
**0407D**

Bachelor of Science  
in Zoology

GENERAL EDUCATION AND COLLEGE REQUIREMENTS Courses graded P/NP will not apply.	Some courses required for the major may also fulfill University General Education and/or 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 published in the Class Schedule or at <a href="http://www.ou.edu/admrec/gened.htm">http://www.ou.edu/admrec/gened.htm</a> .	MAJOR REQUIREMENTS		MAJOR SUPPORT REQUIREMENTS
<b>University-Wide General Education (minimum 40 hours) and College of Arts and Sciences Requirements</b>	Thirty hours of major coursework must be completed (exclusive of ZOO 1005, 1114, 1121, 2124, 2234, 2255, 2343 and 3823).		
<b>Core Area I: Symbolic and Oral Communication</b> (9-22 hours, 3-6 courses)	<b>ZOOLOGY</b>		
a. <b>English Composition</b> (6 hours, 2 courses)	1114 Introductory Zoology	(4)	
1. English 1113, Principles of English Composition	1121 Introductory Zoology Lab	(1)	
2. English 1213, Principles of English Composition	2011 Critical Evaluation of Biol. Res.	1	
b. <b>Foreign Language</b> (0-13 hours in the same language)	2012 Found. In Biomedical Sciences	2	
The College of Arts and Sciences requirement <i>cannot be met by high school coursework</i> .	2094 Invertebrate Zoology, <b>or</b>		
1. Beginning Course (0-5 hours) _____	2204 Comparative Vertebrate Anatomy		
2. Beginning Course, continued (0-5 hours) _____	_____	4	
◆ 3. Intermediate Course (2000 level, 0-3 hours) _____	3333 Genetics	3	
One course at the intermediate level or demonstrated competency at that level.	4983 Senior Seminar (Capstone)	3	
c. <b>Mathematics</b> (3 hours, 1 course). _____	One course from each of the following core groups:		
<b>Core Area II: Natural Science</b> (7 hours, 2 courses) including one laboratory component.	<b>POPULATION:</b>		
◆ 1. <b>Biological Science</b> _____	3013 Evolution		
Chosen from the following approved General Education courses: BOT, HSS, MBIO, or ZOO.	3083 Animal Behavior		
◆ 2. <b>Physical Science</b> _____	3403 Principles of Ecology		
Chosen from the following approved General Education courses: ASTR, CHEM, GEOG, GEOL, GPHY, METR, or PHYS.	_____	3	
<b>Core Area III: Social Science</b> (6 hours, 2 courses)	<b>ORGANISMAL:</b>		
1. Political Science 1113, American Federal Government	3103 Principles of Physiology		
2. _____	3203 Animal Development		
<b>Core Area IV: Humanities</b> (18 hours, 6 courses)	_____	3	
a. <b>Understanding Artistic Forms</b> (3 hours, 1 course) _____	<b>CELLULAR:</b>		
b. <b>Western Civilization and Culture</b> (6 hours, 2 courses)	3113 Cell Biology		
1. History 1483, U.S., 1492-1865, <b>or</b> History 1493, U.S., 1865-Present,	4843 Intro. to Molecular Biology		
2. _____ (excluding HIST 1483 and 1493)	_____	3	
c. <b>Non-Western Culture</b> (3 hours, 1 course): _____	At least one 4000- or 5000-level course must be completed.		
d. <b>Additional Core IV Humanities courses</b> (6 upper-division hours, 2 courses at the 3000- 4000-level). Must be outside the major and selected from Understanding Artistic Forms, Western Civilization and Culture, or Non-Western Culture.	Two upper-division courses with laboratories must be included in the major work from: 3092, 3101, 3201, 3342, 3403, 4034, 4073, 4083, 4243, 4284, 4493, 5204, 5293, 5364, 5494, 5503, 5693.		
◆ 1. _____	_____	3-4	
◆ 2. _____	_____	3-4	
<b>Core Area V: Senior Capstone Experience</b> (3 hours, 1 course): _____	_____	3-4	
◆ College of Arts and Sciences Requirements: College requirements are not automatically fulfilled by a previous degree.	_____	0-4	
	A grade of C or better must be earned in each course counted for major credit.		
	<b>Free Electives</b>		
	Electives to bring total applicable hours to 124 including 48 upper-division hours.		

## 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.

**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.

**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.

**Refer to the OU General Catalog for more complete information.**

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