Zoology 2014

Major: Zoology

Degree Type: B.A. or B.S.

Required Degree Credits to Graduate: 122

General Education Requirements

First Year Experience (F):

UNIV 189	Skills For Academic Success (Students transferring in 24 or more credits do not need to take UNIV 189.)		
Communication (C):			
ENGL 110	College Composition I	3	
ENGL 120	College Composition II	3	
ENGL 324	Writing in the Sciences	3	
COMM 110	Fundamentals of Public Speaking	3	
Quantitative Reasoning (R):			
STAT 330	Introductory Statistics	3	
Science & Technology (S): The 10 credits required in the Science and Technology category will be fulfilled with requirements of the major.			
Humanities & Fine Arts (A): Select from current general education list			
Social & Behavioral Sciences (B): Select from current general education list			
Wellness (W): Select from current general education list			
Cultural Diversity (D): Select from	current general education list		
Global Perspectives (G): Select from	om current general education list		
Total Credits		40	

College Requirements

Bachelor of Science (BS) Degree - An additional 6 credits in Humanities or Social Sciences

Bachelor of Arts (BA) Degree – An additional 12 credits Humanities and Social Sciences and proficiency at the second year level in a modern foreign language.

* Humanities and Social Sciences may be fulfilled by any course having the following prefix: ADHM, ANTH, ARCH, ART, CJ, CLAS, COMM, ECON, ENGL, FREN, GEOG, GERM, HDFS, HIST, LA, LANG, MUSC, PHIL, POLS, PSYC, RELS, SOC, SPAN, THEA, WGS, or any course from the approved list of general education courses in humanities and social sciences (general education categories A and B). These credits must come from outside the department of the student's major.

Major Requirements

- Except for courses offered only as pass/fail grading, no course may be taken Pass/Fail.
- A 2.00 GPA is needed in Zoology major courses; this does not include option courses.

General Education Requirements				
Science and Mathematics College Requirements				
Zoology Core Requirements				
BIOL 150	General Biology I	4		
& 150L	and General Biology I Laboratory			
BIOL 151	General Biology II	4		
& 151L	and General Biology II Laboratory			
BIOL 359	Evolution	3		
ZOO 315	Genetics	4		
& 315L	and Genetics Laboratory			
ZOO 491	Seminar (Must be taken during student's senior year)	2		

Related Required Course for all Options

CHEM 121 General Chemistry I and General Chemistry I Laboratory 4 CHEM 122 General Chemistry II and General Chemistry II Laboratory 4 MATH 146 Applied Calculus I 4 Zoology Option: Select one of the options (General Zoology; Physiology, Cell Biology, and Health Science; or Fisheries, Wildlife, 27:37 27:37 General Zoology Option (min. of 30 cr.): CHEM 341 Organic Chemistry I Laboratory PHYS 120 Fundamentals of Physics 200 280 ZOO 280 Comparative Chordate Morphology 200 280 ZOO/BIOL Two courses from group one (see below) ZOO/BIOL Two courses from group three (see below) ZOO/BIOL One course from group three (see below) Physiology, Cell Biology and Health Science Option (min. of 37 cr.): CHEM 341 CHEM 341 Organic Chemistry I Laboratory CHEM 342 Organic Chemistry II and Organic Chemistry	•	•	
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	Total Credits		122-138

Option Electives

Group One

BIOL 478	Methods in Animal Physiology	3
ZOO 370	Cell Biology	3
ZOO 380	Vertebrate Histology	3
ZOO 460	Animal Physiology	3
ZOO 464	Endocrinology	3
ZOO 482	Developmental Biology	3
Group Two		
ZOO 280	Comparative Chordate Morphology	4
ZOO 360	Animal Behavior	3
ZOO 450	Invertebrate Zoology	4
ZOO 452	Ichthyology	3
ZOO 454	Herpetology	3
ZOO 456	Ornithology	3
ZOO 458	Mammalogy	3
Group Three		
BIOL/ZOO 364	General Ecology	3
BIOL 480	Ecotoxicology	3
BIOL 481	Wetland Science	3
ZOO 462	Physiological Ecology	3
ZOO 470	Limnology	4
ZOO 475	Conservation Biology	3
ZOO 476	Wildlife Ecology and Management	3
ZOO 477	Wildlife and Fisheries Management Techniques	3

Department Notes

• Students may not minor in biology or zoology with this major.