

ZOOLOGY MAJOR
Physiology, Cell Biology, and Health Sciences Option

Name: _____

	B.S.	B.A.
University 189	1 cr ___	1 cr ___
Wellness Elective	2/3 cr ___	2/3 cr ___
English 110, 120	6 cr ___ ___	6 cr ___ ___
Communication 110	3 cr ___	3 cr ___
Humanities and Social Sciences (See General Education requirements for details.)	18 cr ___ ___ ___	24 cr ___ ___ ___
	___ ___ ___	___ ___ ___
Modern Foreign Language		12 cr ___ ___ ___

MAJOR REQUIREMENTS: Required major courses plus Zoology electives must total a minimum of 42 credits. GPA for these 42 credits must be 2.00 or higher.

CORE REQUIREMENTS

Biology 150/150L	General Biology I/Lab	3/1 cr	___	
Biology 151/151L	General Biology II/Lab	3/1 cr	___	
Zoology 315/315L	Genetics/Lab	3/1 cr	___	
Zoology 491	Seminar	2 cr	___	Total 14 credits

OPTION REQUIREMENTS

Ecology/Behavior - 1 course required

Biology 364	General Ecology	3 cr	___	
Zoology 360	Animal Behavior	3 cr	___	
Zoology 470	Limnology	4 cr	___	Total 3/4 credits

Physiology - 2 courses required

Zoology 460	Animal Physiology	4 cr	___	
Zoology 462	Physiological Ecology	3 cr	___	
Zoology 464	Endocrinology	3 cr	___	Total 6/7 credits

Biodiversity - 1 course required

Zoology 450	Invertebrate Zoology	4 cr	___	
Zoology 452	Ichthyology	3 cr	___	
Zoology 454	Herpetology	3 cr	___	
Zoology 456	Ornithology	3 cr	___	
Zoology 458	Mammalogy	3 cr	___	Total 3/4 credits

Morphology - 1 course required

Zoology 280	Comp. Chordate Morphology	4 cr	___	
Zoology 482	Developmental Biology	3 cr	___	Total 3/4 credits

Cell Biology - Zoology 370 required plus 1 other

Zoology 370	Cell Biology	3 cr	___	
Zoology 380	Vertebrate Histology	3 cr	___	
Microbiology 350/350L	General Microbiology/Lab	3/1 cr	___	Total 6/7 credits

ZOOLOGY ELECTIVES*: _____ cr _____ cr

RELATED REQUIRED COURSES:

Chem 121,121L (4 cr); Chem 122,122L (4 cr); Chem 341, 341L (4 cr); Chem 342,342L (4 cr)
 Math 146 (4 cr); Stat 330 (3 cr); Physics 211,211L (4 cr); Physics 212,212L (4 cr)

*Biochem 460 (4 cr) may be used as zoology elective credit in this option.

ZOOLOGY MAJOR
Fisheries, Wildlife, Ecology, Behavior Option

Name: _____

	B.S.	B.A.
University 189	1 cr _____	1 cr _____
Wellness Elective	2/3 cr _____	2/3 cr _____
English 110, 120	6 cr _____	6 cr _____
Communication 110	3 cr _____	3 cr _____
Humanities and Social Sciences (See General Education requirements for details.)	18 cr _____	24 cr _____
Modern Foreign Language		12 cr _____

MAJOR REQUIREMENTS: Required major courses plus Zoology electives must total a minimum of 42 credits. GPA for these 42 credits must be 2.00 or higher.

CORE REQUIREMENTS

Biology 150/150L	General Biology/Lab	3/1 cr	_____	
Biology 151/151L	General Biology II/Lab	3/1 cr	_____	
Zoology 315/315L	Genetics/Lab	3/1 cr	_____	
Zoology 491	Seminar	2 cr	_____	Total 14 credits

OPTION REQUIREMENTS

Ecology/Behavior - Biology 364 plus 1 other course required

Biology 364	General Ecology	3 cr	_____	
Zoology 360	Animal Behavior	3 cr	_____	
Zoology 470	Limnology	4 cr	_____	Total 6/7 credits

Physiology - 1 course required

Zoology 460	Animal Physiology	4 cr	_____	
Zoology 462	Physiological Ecology	3 cr	_____	Total 3/4 credits

Biodiversity - 2 courses required

Zoology 450	Invertebrate Zoology	4 cr	_____	
Zoology 452	Ichthyology	3 cr	_____	
Zoology 454	Herpetology	3 cr	_____	
Zoology 456	Ornithology	3 cr	_____	
Zoology 458	Mammalogy	3 cr	_____	Total 6/7 credits

Morphology - 1 course required

Zoology 280	Comp. Chordate Morphology	4 cr	_____	
Zoology 482	Developmental Biology	3 cr	_____	Total 3/4 credits

Management - 2 courses required

Zoology 472	Fisheries Biology	3 cr	_____	
Zoology 474	Fisheries Management	3 cr	_____	
Zoology 475	Conservation Biology	3 cr	_____	
Zoology 476	Wildlife Ecology & Management	3 cr	_____	
Zoology 477	Fisheries/Wildlife Techniques	3 cr	_____	Total 6 credits

ZOOLOGY ELECTIVES: _____ cr _____ cr

RELATED REQUIRED COURSES:

Chem 121,121L (4 cr); Chem 122,122L (4 cr); Chem 240 (3 cr)
 Math 146 (4 cr); Stat 330 (3 cr); Comp. Sci 114
 Physics 120 (3 cr); Bot 372