

Wildlife Biology and Ecology

Degree Type

Bachelor of Arts

Objective:

The WBE BA major prepares students for entry level jobs in the nontraditional

vocations within ecology, fisheries, wildlife, field, or conservation biology that focus on the use of communication and media, marketing and business, political and social sciences, outdoor education, etc.

Administrator: Chair, Department of Biology

Requirements: 48 credits, including 40 in biology, and an approved minor (e.g. Graphic Design, Digital Media; Photography, Communication, Marketing, Political Science, Professional Writing, Computer Science, Psychology, Kinesiology)

Core requirements: 18 credits

Item #	Title	Credits
BIOL2220	General Biology I	3
BIOL2220L	General Biology I Laboratory	1
BIOL2230	General Biology II	3
BIOL2230L	General Biology II Laboratory	1
BIOL2970	Introduction to Research	1
BIOL3720	Genetics	3
BIOL3720L	Genetics Laboratory	1
BIOL3740	Origins	3
	BIOL3960 or BIOL3970	1-4
BIOL4980	Senior Seminar/Capstone	1

*[BIOL4980](#) must be taken at Northwest Nazarene University.

Wildlife Biology and Ecology requirements: 22 credits

Required courses:

Item #	Title	Credits
BIOL1040	Environmental Science	3
BIOL2240	Plant and Animal Ecology	3
BIOL3160	Plant Taxonomy	3
BIOL3160L	Plant Taxonomy Laboratory	1

Electives: Choose 12 credits from:

Item #	Title	Credits
BIOL1040L	Environmental Science Laboratory	1
BIOL3250	Tropical Ecology	3
BIOL3250L	Tropical Ecology Laboratory	1
BIOL3300	Herpetology	3
BIOL3300L	Herpetology Laboratory	1
BIOL3320	Ornithology	3
BIOL3320L	Ornithology Laboratory	1
BIOL3330	Mammalogy	3
BIOL3300L	Herpetology Laboratory	1
BIOL3850	Animal Behavior	3
BIOL3850L	Animal Behavior Laboratory	1
BIOL4240	Field Ecology	3
BIOL4240L	Field Ecology Laboratory	1
BIOL4260	Conservation and Management of Wildlife Populations	3
BIOL4260L	Conservation and Management of Wildlife Populations Laboratory	1

Physical/Computer science and Mathematics requirements: Choose 8 credits from the following:

Item #	Title	Credits
MATH2240	Elementary Statistics	3
CHEM1200	Principles of General Chemistry	3
CHEM1200L	Principles of General Chemistry Laboratory	1
CHEM1210	Principles of Organic and Biochemistry	3
CHEM1210L	Principles of Organic and Biochemistry Laboratory	1
COMP3230	Introduction to Spatial Analysis	3
BIOL1030	Earth Science	3
BIOL1030L	Earth Science Laboratory	1

***COMP3230:** Au Sable or other off-campus courses may be substituted with department approval.*

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Students planning on attending graduate school are responsible for ensuring that graduate school entrance requirements have been met. It is recommended that students carefully review the admission requirements of the program to which they intend to seek admission to before selecting these courses. Additional recommended classes include General Microbiology, Environmental Science, and additional math.

Total Credits

48