

MINOR IN ZOOLOGY

Requirements Effective Fall 2024

Students must satisfactorily complete the total credits required for the minor. Minors and interdisciplinary minors require 12 or more upper-division (300- to 400-level) credits.

Additional coursework may be required due to prerequisites.

Code	Title	Credits
Lower Division		
Select one group from the following:		4-8
Group A:		
BZ 110	Principles of Animal Biology (GT-SC2)	
BZ 111	Animal Biology Laboratory (GT-SC1)	
Group B:		
LIFE 102	Attributes of Living Systems (GT-SC1)	
LIFE 103	Biology of Organisms-Animals and Plants (GT-SC1)	
BZ 212	Animal Biology-Invertebrates	4
BZ 214	Animal Biology-Vertebrates	4
Upper Division		
Select a minimum of 12 Upper-Division credits in zoologically oriented courses from the list below.		12
Program Total Credits:		24-28

Upper Division Course List

Code	Title	Credits
ANEQ 320	Principles of Animal Nutrition	3
ANEQ 322	Pet Nutrition	2
ANEQ 323	Zoo Nutrition	2
ANTH 470	Paleontology Field School	4
BMS 300	Principles of Human Physiology	4
BMS 305	Domestic Animal Gross Anatomy	4
BSPM 302	Applied and General Entomology	2
BSPM 303A	Entomology Laboratory: General	2
BZ 300	Animal Behavior	3
BZ 311	Developmental Biology	4
BZ 329	Herpetology	4
BZ 330	Mammalogy	4
BZ 335	Ornithology	4
BZ 340	Field Mammalogy	4
BZ 342	Exploring Range Shifts in a Changing World	3
BZ 348/MATH 348	Theory of Population and Evolutionary Ecology	4
BZ 349	Tropical Ecology and Evolution	3
BZ 350	Molecular and General Genetics	4
BZ 360	Bioinformatics and Genomics	4
BZ 384	Supervised College Teaching	1-5
BZ 401	Comparative Animal Physiology	3
BZ 415	Marine Biology	4

BZ 418	Ecology of Infectious Diseases	4
BZ 420	Evolutionary Medicine	3
BZ 424/BSPM 424	Principles of Systematic Science	3
BZ 425	Conservation and Population Genomics	3
BZ 430	Animal Behavior and Conservation	3
BZ 433	Behavioral Genetics	3
BZ 435A	Study Abroad--Honduras: Field Course--Dolphin Behavior and Physiology	2
BZ 435B	Study Abroad--Mexico: Practices in Marine Biology and Ecology	3
BZ 435C	Study Abroad--Kenya: Biology and Behavior of African Mammals	3
BZ 449A	Study Abroad: Ecology/Conservation--Ecuadorian Biodiversity	4
BZ 455	Human Heredity and Birth Defects	3
BZ 460	Genome Evolution	4
BZ 462/MIP 462/BSPM 462	Parasitology and Vector Biology	5
BZ 471	Stream Biology and Ecology	3
BZ 472	Stream Biology and Ecology Laboratory	1
BZ 475	Marine Mammalogy	3
BZ 476/BZ 576	Genetics of Model Organisms	3
BZ 477	Genome Editing Laboratory	2
BZ 478/VS 478	Biology and Behavior of Cats	3
BZ 479/VS 479	Biology and Behavior of Dogs	3
BZ 487	Internship	1-12
BZ 492A	Seminar: Behavior	1-3
BZ 492B	Seminar: Ecology	1-3
BZ 492C	Seminar: Genetics	1-3
BZ 492D	Seminar: Ornithology	1-3
BZ 492E	Seminar: Herpetology	1-3
BZ 492F	Seminar: Evolution	1-3
BZ 495	Independent Study	1-3
BZ 498	Laboratory or Field Research	1-6
BZ 505	Cognitive Ecology	3
BZ 515	Physiological Ecology of Marine Vertebrates	3
BZ 525	Advanced Conservation & Evolutionary Genomics	4
BZ 535	Behavioral and Cognitive Ecology	3
BZ 565/MIP 565	Next Generation Sequencing Platform/Libraries	1
FW 300	Biology and Diversity of Fishes	2
FW 301	Ichthyology Laboratory	1
FW 400	Conservation of Fish in Aquatic Ecosystems	3
FW 405	Fish Physiology	3
LIFE 320	Ecology	3
MIP 315	Pathology of Human and Animal Disease	3
MIP 342	Immunology	4
MIP 343	Immunology Laboratory	2
NR 312	Applied Insect Ecology	3
PHIL 325	Philosophy of Natural Science	3