

ZOOLOGY MINOR

REQUIRED COURSES

LIFE 102 (4) Attributes of Living Systems **OR** BZ 110 (3) Principles of Animal Biology
LIFE 103 (4) Biology of Organisms BZ 111 (1) Animal Biology Laboratory

AND

BZ 212 (4) Animal Biology-Invertebrates
BZ 214 (4) Animal Biology-Vertebrates

UPPER-DIVISION ZOOLOGY ELECTIVES*

Students must choose a minimum of 12 credits in Zoology courses from the following list:

BZ 300 (3) Animal Behavior	BZ 435C (3) Study Abroad-Kenya: Biology & Behavior of African Mammals
BZ 310 (4) Cell Biology	BZ 435D (3) Study Abroad-Madagascar: Biology & Behavior of Primates
BZ 311 (4) Developmental Biology	BZ 449A (4) Study Abroad-Ecuador: Ecology/Conservation-Ecuadorian Biodiversity
BZ 320 (3) Biogeographic Approaches to Conservation	BZ 455 (3) Human Heredity & Birth Defects
BZ 329 (4) Herpetology	BZ 460 (4) Genome Evolution
BZ 330 (4) Mammalogy	BZ 462 (5) Parasitology & Vector Biology
BZ 333 (4) Mycology	BZ 471 (3) Stream Biology & Ecology
BZ 335 (4) Ornithology	BZ 472 (1) Stream Biology & Ecology Lab
BZ 339 (3) Field Practicum (animals)	BZ 475 (3) Marine Mammalogy
BZ 340 (4) Field Mammalogy (summer only)	BZ 477 (2) Genome Editing
BZ 342 (3) Exploring Range Shifts in a Changing World	BZ 478 (3) Biology & Behavior of Cats(online)
BZ 348 (4) Theory of Population & Evolutionary Ecology	BZ 479 (3) Biology & Behavior of Dogs(online)
BZ 349 (3) Tropical Ecology & Evolution	BZ 492A-F (1-3) Seminar (no plant seminars)
BZ 350 (4) Molecular & General Genetics	BZ 515 (3) Physiological Ecology of Marine Vertebrates
BZ 360 (3) Bioinformatics & Genomics	BZ 525 (3) Advanced Conservation Genomics
BZ 390 (3) Biology of Sex	BZ 526 (3) Evolutionary Ecology
BZ 401 (3) Comparative Animal Physiology	BZ 535 (3) Behavioral & Cognitive Ecology
BZ 414 (3) Vertebrate Climate Change Responses	BZ 562 (2) Comparative Approaches Molecular Ecology
BZ 415 (4) Marine Biology	BZ 565 (1) Next Generation Sequencing
BZ 418 (4) Ecology of Infectious Disease	BZ 568 (3) Sustaining River Ecosystems
BZ 420 (3) Evolutionary Medicine	LIFE 320 (3) Ecology
BZ 424 (3) Principles of Systematic Zoology	
BZ 425 (3) Conservation & Population Genomics	
BZ 430 (3) Animal Behavior & Conservation	<u>A maximum of 3 credits are allowed from:</u>
BZ 433 (4) Behavioral Genetics	BZ 384 Supervised College Teaching
BZ 435A (2) Study Abroad-Honduras: Dolphin Behavior & Physiology	BZ 487 Internship
BZ 435B (3) Study Abroad-Mexico: Practices in Marine Biology & Ecology	BZ 495 Independent Study
	BZ 498 Lab or Field Research

*Substitutions must be approved by the Biology Department Curriculum Committee