

Must complete a minimum of 15 credits from the Major Electives list. At least 8 credits must be “BZ” courses.

The following is a list of Zoology-related electives that can be used to fulfill the Major Electives requirement:

BZ 240 (3)	Synthetic Biology – Principles and Applications	BZ 479 (3)	Biology & Behavior of Dogs (online)
BZ 300 (3)	Animal Behavior	BZ 492A-G (1)	Seminar (topic dependent on instructor)
BZ 311 (4)	Developmental Biology	BZ 496 (1)	Group Study – Biology (Honors)
BZ 320 (3)	Biogeographic Approaches to Conservation	BZ 515 (3)	Physiological Ecology of Marine Vertebrates
BZ 329 (4)	Herpetology	BZ 526 (3)	Evolutionary Ecology
BZ 330 (4)	Mammalogy	BZ 535 (3)	Behavioral & Cognitive Ecology
BZ 335 (3)	Ornithology	BZ 544 (2)	Effective Science Presentations
BZ 339 (3)	Field Practicum (summer only)	BZ 560 (3)	Teaching & Communicating Science
BZ 340 (4)	Field Mammalogy (summer only)	BZ 562 (2)	Computational Approaches in Molecular Ecology
BZ 342 (3)	Exploring Range Shifts in a Changing World	BZ 565 (1)	Next Generation Sequencing
BZ 348 (4)	Theory of Pop. & Evolutionary Ecology	BZ 568 (3)	Sustaining River Ecosystems in a Changing World
BZ 349 (3)	Tropical Ecology & Evolution	Up to 7 credits may be used from the following courses:	
BZ 360 (3)	Bioinformatics & Genomics	AB 303 (2)	Entomology Lab
BZ 390 (3)	Biology of Sex	AB 340 (3)	Insect Biotechnology
BZ 401 (3)	Comparative Animal Physiology	ANEQ 320 (3)	Principles of Animal Nutrition
BZ 414 (3)	Vertebrate Climate Change Responses	ANEQ 322 (2)	Pet Nutrition
BZ 415 (4)	Marine Biology	ANEQ 323 (2)	Zoo Nutrition
BZ 418 (4)	Ecology of Infectious Disease	ANTH 370 (3)	Primates
BZ 420 (3)	Evolutionary Medicine	ANTH 470 (4)	Paleontology Field School
BZ 424 (3)	Principles of Systematic Zoology	BSPM 302 (2)	Applied & Gen Entomology
BZ 425 (3)	Conservation & Population Genomics	BMS 300 (4)	Principles of Human Physiology
BZ 430 (3)	Animal Behavior & Conservation	BMS 305 (4)	Domestic Animal Gross Anatomy
BZ 433 (4)	Behavioral Genetics	FW 300 (2)	Biology & Diversity of Fishes
BZ 435A (2)	Study Abroad-Honduras: Dolphin Behavior & Physiology	FW 301 (1)	Ichthyology Lab
BZ 435B (3)	Study Abroad-Mexico: Practices in Marine Biology & Ecology	FW 400 (3)	Conservation of Fish in Aquatic Ecosystems
BZ 435C (3)	Study Abroad-Kenya: Biology & Behavior of African Mammals	FW 405 (3)	Fish Physiology
BZ 435D (3)	Study Abroad-Madagascar: Biology & Behavior of Primates	GEOL 342 (3)	Paleontology
BZ 449A (4)	Study Abroad-Ecuador: Ecology/Conservation-Ecuadorian Biodiversity	MIP 300 (3)	General Microbiology
BZ 455 (3)	Human Heredity & Birth Defects	MIP 302 (2)	General Microbiology Lab
BZ 460 (4)	Genome Evolution	MIP 315 (3)	Human & Animal Disease
BZ 462 (5)	Parasitology & Vector Biology	MIP 342 (4)	Immunology
BZ 471 (3)	Stream Biology & Ecology	MIP 343 (2)	Immunology Lab
BZ 472 (1)	Stream Biology & Ecology Lab	NR 312 (3)	Applied Insect Ecology
BZ 475 (3)	Marine Mammalogy	PHIL 325 (3)	Philosophy of Natural Science
BZ 477 (2)	Genome Editing	PHIL 326 (3)	Philosophy of Biology
BZ 478 (3)	Biology & Behavior of Cats (online)		

TRACK 1 HONORS PROGRAM STUDENTS ARE REQUIRED TO TAKE THE FOLLOWING COURSES TO FULFILL THE AUCC CURRICULUM

Category 1: Fundamental Competencies

HONR 192 First Year Seminar (3) _____

HONR 193 Seminar (3) _____

Category 2: Fundamental Competency

Advanced Writing (3) _____

Category 3B: Arts/Humanities

HONR 292B Seminar (3) _____

HONR 392 Seminar (3) _____

Category 3C: Social/Behavioral

HONR 492 Senior Seminar (3) _____

Category 3D: Historical Perspectives and 1C: Fundamental Competency

HONR 399 Pre-Thesis (1) _____

HONR 499 Thesis (3) _____