Courses in bold satisfy the Writing Emphasis requirement. Courses in italics satisfy the Field Component. Courses marked with an * satisfy the lab component. Students may only use a course once within their major electives.

**ECOLOGY, EVOLUTION, & BEHAVIOR**
- ANTH 431 - Primate Sexuality
- ECOL 330 - Evolution of Animal Form & Function
- ECOL 346 - BioInformatics
- ECOL 360 - Marine Ecology & Conservation
- ECOL 379 - Evidence-Based Medicine
- ECOL 406R - Conservation Biology
- ECOL 409 - Evolution of Infectious Disease
- ECOL 454 - Water Harvesting
- ECOL 473 - Topics in Behavioral Ecology
- ECOL 480 - Math Models in Biology
- ENTO 407 - Insect Discovery
- GEOS 412A - Ocean Science
- GEOS 412B - Ocean Science Field Course
- GEOS 497C - Dendrochronology
- NROS 381 - Animal Brains, Signs, Sex & Social Behaviors
- RNR 355 - Introduction to Wildland Fire
- RNR 458 - Ecosystem Ecology
- WFSC 447 - Wildlife Conservation Behavior

**CELL & MOLECULAR BIOLOGY**
- ACBS 423 - Mechanisms of Disease
- MCB 410 - Cellular Biology
- MCB 473 - Recombinant DNA Methods & Applications*
- NROS 430 - Neurogenetics
- PL P 428R - Microbial Genetics Lecture
- PLP 428L - Microbial Genetics Lab
- PSIO 404 - Advanced Topics in Cellular Physiology
- PSIO 484 - Cardiovascular Muscle Biology & Disease

**ORGANISMAL**

**Macro**
- ACBS 400B - Animal Anatomy & Physiology
- ACBS 403R - Biology of Animal Parasites
- ECOL 330 - Evolution of Animal Form & Function
- ECOL 472 - Systematic Botany (Odd years only)*
- ECOL 475 - Freshwater & Marine Algae*
- ECOL 476 - Population Genetics
- ECOL 483 - Herpetology (Even years only)*
- ECOL 484 - Ornithology*
- NROS 381 - Animal Brains, Signals, Sex & Social Behavior
- PLS 360 - Plant Growth and Physiology
- PLS 361 - Principles of Plant Physiology Lab

**Micro**
- ACBS 403R - Biology of Animal Parasites
- ACBS 404 - Diseases of Companion Animals
- ACBS 423 - Mechanisms of Disease
- ECOL 403R - Biology of Animal Parasites
- MIC 328R - Microbial Physiology
- PL P 428R - Microbial Genetics Lecture
- PLP 428L - Microbial Genetics Lab*

**GENETICS**
- ACBS 312 - Animal & Plant Genetics*
- ECOL 346 - BioInformatics*
- ECOL 426 - Population Genetics
- MCB 422 - Problem Solving with Genetic Tools
- MCB 473 - Recombinant DNA Methods & Applications*
- NROS 430 - Neurogenetics
- PLP 428R - Microbial Genetics Lecture
- PLP 428L - Microbial Genetics Lab*
- PLS 312 - Plant & Animal Genetics