Courses in bold satisfy the Writing Emphasis requirement. Courses in italics satisfy the Field Component. Courses marked with an * satisfy the lab component. Courses with a ^ might have an online component. Students may only use a course once within their major electives. Courses listed on this sheet may not necessarily be offered every semester. All pre-requisites must be met prior to enrolling. Some departments may give preference to their majors during priority registration.

**ECOLOGY, EVOLUTION, & BEHAVIOR**

- ANTH 364 - Natural History of Our Closest Relatives
- ANTH 468 - Human Osteology
- ECOL 326 - Genomics
- ECOL 340 - Evolution Of Plant Form & Function
- ECOL 447 - Intro to Theoretical Ecology
- ECOL 450 - Marine Discovery*
- ECOL 474 - Aquatic Plants and the Environment
- ECOL 487R - Animal Behavior
- ECOL 487L - Animal Behavior Lab*
- ECOL 496J - Plant Population Ecology
- ENTO 415R - Insect Biology
- GEOS 308 - Palaeontology
- GEOS 439A - Intro to Dendrochronology*
- GEOS 478 - Global Change
- PLP 305 - Introductory Plant Pathology^*
- PLP 329A - Microbial Diversity^*
- RNR 318 - Natural Resource Ecology
- WSM 452 - Dryland Ecohydrology and Vegetation Dynamics

**CELL & MOLECULAR BIOLOGY**

- MCB 325 - Biology of Cancer
- MCB 313 - Key Concepts in Quantitative Biology
- MCB 422 - Problem Solving w/Centric Tools
- MCB 480 - Introduction to Systems Biology
- MIC 350 - Molecular Microbiology
- MIC 419 - Immunology
- MIC 420 - Pathogenic Bacteriology
- MIC 432 - Comparative Immunology
- MIC 452 - Antibiotics: A Biological Perspective
- NROS 412 - Learning and Memory
- PLP 427R - General Mycology Lecture^*
- PLP 427L - General Mycology Lab^*
- PLP 340 - Intro to Biotechnology
- PLS 359 - Plant Cell Structure & Function^*
- PLS 440 - Mechanisms in Plant Development
- PLS 448A - Plant Biochem/Metabolic Engineering
- PSIO 303A - Integrative Cellular Physiology

**SCIENCE & SOCIETY**

- ANTH 369 - Darwinian Medicine
- ECOL 220 - Evolutionary Medicine
- ECOL 249 - Discovery of Evolution
- ECOL 280 - Sociobiology & the Evolution of Cooperation
- ECOL 326 - Genomics
- MCB 404 - Bioethics

**ORGANISMAL**

**Macro**

- ACBS 400A - Animal Anat. & Physiology
- ACBS 315R - Physiology of Animal Reproduction Lecture
- ACBS 315L - Physiology of Animal Reproduction Lab*
- ACBS 443 - Research Animal Methods^*
- ECOL 340 - Evolution of Plant Form & Function
- ECOL 474 - Aquatic Plants and the Environment
- ECOL 482 - Ichthyology (Odd years only)^*
- ECOL 485 - Mammalogy^*
- ECOL 487R - Animal Behavior
- ECOL 487L - Animal Behavior Lab*
- ETO 415R - Insect Biology
- PSIO 467 - Endocrine Physiology

**Micro**

- ACBS 449 - Diseases of Wildlife
- MIC 420 - Pathogenic Bacteriology
- MIC 425 - Environmental Microbiology Lecture
- MIC 426 - Environmental Microbiology Lab^*
- PLP 427R - General Mycology Lecture^*
- PLP 427L - General Mycology Lab^*
- PLP 305 - Plant Pathology
- PLP 329A - Microbial Diversity^*
- PLS 448A - Plant Biochemistry and Metabolic Engineering

**PHYSIOLOGY**

- ACBS 315R - Physiology of Animal Reproduction Lecture
- ACBS 315 - Physiology of Animal Reproduction Lab*
- ACBS 400A - Animal Anatomy & Physiology
- ECOL 340 - Evolution of Plant Form & Function
- MIC 350 - Molecular Microbiology
- MIC 432 - Comparative Immunology
- PSIO 380 - Fundamentals of Human Physiology
- PSIO 420 - Exercise & Environmental Physiology
- PSIO 423 - Measurement & Evaluation of Physiological Function^*
- PSIO 431 - Physiology of the Immune System
- PSIO 467 - Endocrine Physiology
- PSIO 485 - Cardiovascular Physiology

**GENETICS**

- ECOL 326 - Genomics
- MCB 340 - Intro to Biotechnology
- MCB 422 - Problem Solving with Genetic Tools^*
- MIC 452 - Antibiotics: A Biological Perspective