Courses in bold satisfy the Writing Emphasis requirement. Courses in italics satisfy the Field Component. Courses marked with a * satisfy the lab component. Courses with a ^ 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.

**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 415 R - Insect Biology  
CEOS 308 - Paleontology  
CEOS 439A - Intro to Dendrochronology*  
CEOS 478 - Global Change  
PLP 305 - Introductory Plant Pathology^  
PLP 329A - Microbial Diversity^  
RNR 316 - Natural Resource Ecology  
WSM 452 - Dryland Ecohidrology and Vegetation Dynamics

**CELL & MOLECULAR BIOLOGY**

MCB 325 - Biology of Cancer  
MCB 315 - Key Concepts in Quantitative Biology  
MCB 422 - Problem Solving w/Genetic Tools  
MCB 480 - Introduction to Systems Biology  
MIC 419 - Immunology  
MIC 420 - Pathogenic Bacteriology  
MIC 452 - Antibiotics: A Biological Perspective  
NROS 412 - Learning and Memory  
PLP 427 R - General Mycology Lecture  
PLP 427 L - General Mycology Lab  
PLS 359 - Plant Cell Structure & Function  
PLS 340 - Intro to Biotechnology  
PLS 440 - Mechanisms in Plant Development  
PLS 448 A - Plant Biochem/Metabolic Engineering  
PSIO 303 A - 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 487 R - Animal Behavior**  
ECOL 487 L - Animal Behavior Lab*  
ENTO 415 R - 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 427 - 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  
PSIO 380 - Fundamentals of Human Physiology  
PSIO 420 - Exercise & Environmental Physiology  
PSIO 425 - 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