## Fall Offering

### EEB & BIOLOGY ELECTIVES

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.

### 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
- PIP 305 - Introductory Plant Pathology^\n- PIP 329A - Microbial Diversity^\n- RNR 316 - Natural Resource Ecology
- WSM 452 - Dryland Ecohydrology 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
- PIP 427 R - General Mycology Lecture
- PIP 427 L - General Mycology Lab
- PLS 339 - Plant Cell Structure & Function
- PLS 340 - Intro to Biotechnology
- PLS 440 - Mechanisms in Plant Development
- PLS 448A - Plant Biochem/Metabolic Engineering
- PSIO 303 A - Integrative Cellular Physiology

### 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 468 - Mammalogy*
- ECOL 487R - Animal Behavior
- ECOL 487L - Animal Behavior Lab*
- ENTO 415 R - Insect Biology
- PSIO 467 - Endocrine Physiology

#### Micro
- ACBS 449 - Diseases of Wildlife
- MIC 420 - Pathogenic Bacteriology
- MIC 421B - Microbial Techniques
- MIC 425 - Environmental Microbiology Lecture
- MIC 426 - Environmental Microbiology Lab*
- PIP 427 - General Mycology Lecture
- PIP 427L - General Mycology Lab*
- PIP 305 - Plant Pathology
- PIP 329A - Microbial Diversity^\n- 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 303A - Integrative Cellular Physiology
- 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

### SCIENCE & SOCIETY
- ECOL 220 - Evolutionary Medicine
- ECOL 326 - Genomics
- MCB 404 - Bioethics
- PHIL 321 - Medical Ethics^