### 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.

<table>
<thead>
<tr>
<th>ECOL 340 - Evolution Of Plant Form &amp; Function</th>
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<tbody>
<tr>
<td>ECOL 447 - Intro to Theoretical Ecology</td>
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<tr>
<td>ECOL 450 - Marine Discovery*</td>
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<tr>
<td>ECOL 474 - Aquatic Plants and the Environment</td>
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<tr>
<td>ECOL 457L - Animal Behavior</td>
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<tr>
<td>ECOL 467L - Animal Behavior Lab*</td>
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<tr>
<td>ECOL 496J - Plant Population Ecology</td>
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<tr>
<td>ENTO 415 R - Insect Biology</td>
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<td>CEOS 308 - Paleontology</td>
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<tr>
<td>CEOS 439A - Intro to Dendrochronology*</td>
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<tr>
<td>CEOS 478 - Global Change</td>
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<tr>
<td>PIP 305 - Introductory Plant Pathology^</td>
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<tr>
<td>PIP 329A - Microbial Diversity^</td>
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<td>RNR 316 - Natural Resource Ecology</td>
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<tr>
<td>WSM 432 - Dryland Ecohdrology and Vegetation Dynamics</td>
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</tbody>
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#### 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 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^,
- 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 354A - Integrative Cellular Physiology
- PSIO 380 - Fundamentals of Human Physiology
- PSIO 420 - Exercise & Environmental Physiology
- PSIO 425 - Measurement & Evaluation of Physiological Function
- PSIO 443 - Physiology of the Immune System

#### 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^