EEB & Biology Elective Courses
Summer 2024

While some courses may be listed in multiple elective categories below, students may only use a course once within their major electives. Course s in **BOLD** satisfy the Writing Emphasis requirement of the EEB & Biology degrees, italics signify field component and * signify lab.

### Ecology, Evolution & Behavior
- ECOL 409 - Evolution of Infectious Disease
- ECOL 326—Genomics (5 Week First)
- ECOL 430 - Conservation Genetics (Seven Week First)
- **ECOL 488—Arizona Mammals (Five Week First)**
- PLP 329A—Microbial Diversity * (Five Week First)
- WFSC 444 - Wildlife Ecology, Conservation and Management

### Organismal
- **Macro—**
  - ECOL 488—Arizona Mammals (Session 2)
- **Micro—**
  - ECOL 409 - Evolution of Infectious Disease
  - PLP 329A—Microbial Diversity * (5 Week First)

### Science & Society
- **Counts toward Biology—Biomedical Emphasis ONLY**
  - ECOL 220 - Evolutionary Medicine * (5 Week First)
  - ECOL 326 - Genomics (5 Week First)
  - MCB 404 - Bioethics (7 Week Second)
  - PHIL 321 - Medical Ethics * (5 Week 1 & 2 and 7 Week 1 & 2)

### Cell & Molecular Biology
- CMM 404—Cell Biology of Disease (5 Week Second Dept Consent Required)
- MCB 410 - Cell Biology (7 Week Second)
- **MCB 422—Problem Solving with Genetics Tools (5 Week First) * **
- MIC 419 - Immunology (7 Week Second)
- NROS 307 - Cellular Neurophysiology
- PLS 359—Plant Cell Structure and Function * (Session 1)

### Physiology
- CMM 401—Human Gross Anatomy (5 Week First, Dept Consent Required)
- CMM 410—Human Histology: An Intro. to Pathology (Pre-Session)
- NROS 307 - Cellular Neurophysiology

### Genetics
- ECOL 326—Genomics (5 Week First)
- **MCB 422—Problem Solving & Genetic Tools (Session 1) * **
- ECOL 430—Conservation Genetics * (Seven Week First)
- PLP 428R - Microbial Genetics (10 weeks)

### Other Course Options
- MCB 181R—Introductory Biology 1 Lecture (7 Week First)
- ECOL 182R and 182L—Introductory Biology 2 Lecture and Lab (5 Week First and Second)
- ECOL 206—Environmental Biology (Pre-Session)
- ECOL 220—Evolutionary Medicine (5 Week First)
- ECOL 320—Genetics (7 Week First and Second)
- PSIO 201—Human Anatomy and Physiology 1; alternate physiology elective option for Biomedical Science emphasis only if you have sufficient upper division units (5 Week First)
- PSIO 202—Human Anatomy and Physiology 2; alternate physiology elective option for Biomedical Science emphasis only if you have sufficient upper division units (5 Week Second)