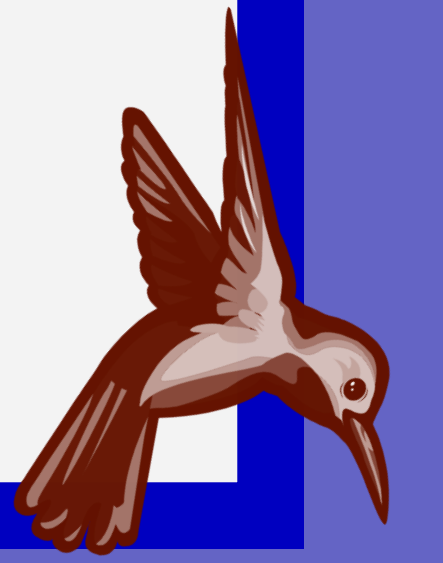


# EEB & Biology Elective Courses

## Summer 2024



While some courses may be listed in multiple elective categories below, students may only use a course once within their major electives.

Courses 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**

### 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)

### Organismal

#### Macro-

ECOL 488—Arizona Mammals (Session 2)

#### Micro-

ECOL 409 - Evolution of Infectious Disease  
PLP 329A—Microbial Diversity \* (5 Week First)

### 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)

### 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)

### 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)