



# BIOLOGY & EEB ELECTIVES

Summer 2026



Courses in **BOLD** satisfy the **WRITING EMPHASIS** requirement. Courses marked with \* satisfy the \***LAB COMPONENT**. Students may only use a course once within their major electives.

## PHYSIOLOGY

**ECOL437 - Vertebrate Physiology (4) (5W2)\***  
IMB 406 - Human Immunology (3) (13 Weeks)  
NROS 307 - Cellular Neurophysiology (3) (7W1)  
PSIO 201 - Human Anatomy & Physiology I \* (4) (7W1)  
PSIO 202 - Human Anatomy & Physiology II \* (4) (7W2)

*PSIO 201 & 202 are only available to students in the BS Biology-Biomedical Sciences subplan. Both courses must be taken to satisfy the Physiology and Lab requirements for this track.*

## GENETICS

ECOL 326 - Genomics (3) (5W1)  
ECOL 345 - Biodiversity and the Tree of Life (3) (5W2)  
ECOL 430 - Conservation Genetics (3) (7W1)  
NROS 430 - Neurogenetics (3) (7W1)  
**MCB422 - Problem Solving with Genetic Tools (3) (5W1)\***

## CELL & MOLECULAR BIOLOGY

ECOL 326 - Genomics (3) (5W1)  
ECOL 345 - Biodiversity and the Tree of Life (3) (5W2)  
IMB 401 - Medical Microbiology and Immunology (4) (13 Weeks)  
MCB 410 - Cell Biology (3) (7W2)  
MCB 411 - Molecular Biology (3) (7W1)  
**MCB422 - Problem Solving with Genetic Tools (3) (5W1)\***  
NROS 307 - Cellular Neurophysiology (3) (7W1)  
NROS 310 - Molecular and Cellular Biology of Neurons (3) (7W2)

**Note: Credit can only be given for NROS310 or MCB410 as they are considered the same course content**

## BIOLOGY OF ORGANISMS

### MICROORGANISMAL

ECOL 409 - Evolution of Infectious Disease (3) (5W2)  
IMB 401 - Medical Microbiology and Immunology (4) (13 Weeks)  
IMB 402 - Medical Microbiology Basics (1) (7W1)  
IMB 404 - Medical Virology Basics (1) (7W2)  
IMB 406 - Human Immunology (3) (13 Weeks)

### MACROORGANISMAL

**ECOL437 - Vertebrate Physiology (4) (5W2)\***  
**ECOL 488 - Arizona Mammals\* (4) (5W1)**

## ECOLOGY, EVOLUTION, & BEHAVIOR

*BS Biology-Organismal Biology track only*

ECOL 326 - Genomics (3) (5W1)  
ECOL 345 - Biodiversity and the Tree of Life (3) (5W2)  
ECOL406R - Conservation Biology (3) (5W1)  
ECOL 409 - Evolution of Infectious Disease (3) (5W2)  
**ECOL 488 - Arizona Mammals\* (4) (5W1)**  
GEOS 330 - Introduction to Remote Sensing (3) (7W2)  
RNR 417 - GIS for Natural and Social Sciences (3) (7W1)

## SCIENCE & SOCIETY

*BS Biology-Biomedical Sciences track only*

CHS 421 - Sociology of Drugs and Addiction (3) (7W1)  
ECOL 409 - Evolution of Infectious Disease (3) (5W2)  
ECOL406R - Conservation Biology (3) (5W1)  
HPS 387 - Health Disparities & Minority Health (5W2)  
**MCB404 - BioEthics (3) (7W2)**  
PHIL 321 - Medical Ethics (3) (7W1, 7W2 or 5W2)  
PHIL 347 - Neuroethics (3) (7W1)

