



BIOLOGY & EEB ELECTIVES

Summer 2025 Online



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

PHYSIOLOGY

ECOL 437 - Vertebrate Physiology * (4) (5W2)
IMB 406 - Human Immunology (3) (13W)
PSIO 201 - Human Anatomy & Physiology I * (4) (7W1)
PSIO 202 - Human Anatomy & Physiology II * (4) (7W2)

Courses in the PSIO department are reserved for majors only. Please contact the PSIO department to determine if seats are available to non-majors.

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.

CELL & MOLECULAR BIOLOGY

ECOL 326 - Genomics (3) (5W1)
ECOL 345 - Biodiversity and the Tree of Life (3) (5W1)
ENVS 477 - Principles of Ecotoxicology ^ (3) (13W)
IMB 401 - Medical Microbiology and Immunology (4) (13W)
MCB 410 - Cell Biology (3) (7W2)
MCB 411 - Molecular Biology (3) (7W1)
MCB 422 - Problem Solving with Genetic Tools * (3) (5W1)

SCIENCE & SOCIETY

BS Biology-Biomedical Sciences track only

ECOL 406R - Conservation Biology (3) (5W1)
ECOL 409 - Evolution of Infectious Disease (3) (5W2)
HIST 311 - History of Epidemics (3) (7W1)
HPS 387 - Health Disparities & Minority Health (3) (5W2)
MCB 404 - Bioethics (3) (7W2)
PHIL 321 - Medical Ethics (3) (5W1, 7W1, 5W2, 7W2)
PHIL 323 - Environmental Ethics (7W1, 5W2, 7W2)
PHIL 347 - Neuroethics (3) (7W1)

GENETICS

ECOL 326 - Genomics (3) (5W1)
ECOL 345 - Biodiversity and the Tree of Life (3) (5W1)
MCB 422 - Problem Solving with Genetic Tools * (3) (5W1)

BIOLOGY OF ORGANISMS

MICROORGANISMAL

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

MACROORGANISMAL

ECOL 437 - 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) (5W1)
ECOL 406R - Conservation Biology (3) (5W1)
ECOL 409 - Evolution of Infectious Disease (3) (5W2)
ECOL 488 - Arizona Mammals ^ * (4) (5W1)
ENVS 477 - Principles of Ecotoxicology ^ (3) (13W)
GEOS 330 - Introduction to Remote Sensing (3) (7W2)

