



BIOLOGY ELECTIVES

Summer



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

- CMM 401 - Human Gross Anatomy *
- ECOL 437 - Vertebrate Physiology ***
- IMB 406 - Human Immunology
- PSIO 201 - Human Anatomy & Physiology I *
- PSIO 202 - Human Anatomy & Physiology II *
- NROS 307 - Cellular Neurophysiology

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
- ECOL 345 - Biodiversity and the Tree of Life
- ENVS 477 - Principles of Ecotoxicology ^
- IMB 401 - Medical Microbiology and Immunology
- MCB 410 - Cell Biology
- MCB 411 - Molecular Biology
- MCB 422 - Problem Solving with Genetic Tools ***
- MIC 419 - Immunology**
- NROS 307 - Cellular Neurophysiology
- NROS 310 - Molecular and Cellular Biology of Neurons
- PLP 428R - Microbial Genetics**

SCIENCE & SOCIETY

BS Biology-Biomedical Sciences track only

- ANTH 307 - Ecological Anthropology**
- ECOL 406R - Conservation Biology
- ECOL 409 - Evolution of Infectious Disease
- HIST 311 - History of Epidemics**
- HPS 387 - Health Disparities & Minority Health
- MCB 404 - Bioethics**
- PHIL 321 - Medical Ethics
- PHIL 323 - Environmental Ethics
- PHIL 347 - Neuroethics

BIOLOGY OF ORGANISMS

MICROORGANISMAL

- ECOL 409 - Evolution of Infectious Disease
- IMB 401 - Medical Microbiology and Immunology
- IMB 402 - Medical Microbiology Basics
- IMB 404 - Medical Virology Basics
- IMB 406 - Human Immunology
- PLP 329A - Microbial Diversity
- PLP 428R - Microbial Genetics**

MACROORGANISMAL

- ECOL 437 - Vertebrate Physiology ***
- ECOL 488 - Arizona Mammals ^ ***



GENETICS

- ECOL 326 - Genomics
- ECOL 345 - Biodiversity and the Tree of Life
- MCB 422 - Problem Solving with Genetic Tools ***
- PLP 428R - Microbial Genetics**
- WFSC 430 - Conservation Genetics

ECOLOGY, EVOLUTION, & BEHAVIOR

BS Biology-Organismal Biology track only

- ANTH 307 - Ecological Anthropology**
- ECOL 326 - Genomics
- ECOL 345 - Biodiversity and the Tree of Life
- ECOL 406R - Conservation Biology
- ECOL 409 - Evolution of Infectious Disease
- ECOL 488 - Arizona Mammals ^ ***
- ENVS 477 - Principles of Ecotoxicology ^
- GEOS 330 - Introduction to Remote Sensing
- PLP 329A - Microbial Diversity
- RNR 417 - Geographic Information Systems for Natural and Social Sciences
- WFSC 385 - Zoo and Aquarium Conservation
- WFSC 444 - Wildlife Ecology, Conservation, and Management**
- WFSC 447 - Wildlife Conservation Behavior

