

EEB & BIOLOGY MAJOR ELECTIVES

Courses in bold satisfy the Writing Emphasis requirement. Courses in italics satisfy the Field Component. Courses marked with a * satisfy the lab component. Courses with a ^ might be offered as an iCourse. Students may only use a course once within their major electives. Courses listed on this sheet may not necessarily be offered every semester. All pre-requisites must be met prior to enrolling. Some departments may give preference to their majors during priority registration.

ECOLOGY, EVOLUTION, & BEHAVIOR (EEB)

ANTH 472 - Zooarchaeology & Taphonomy: Laboratory Methods*

ANTH 495D - Special Topics in Biological Anthropology

ECOL 330 - Evolution of Animal Form & Function

ECOL 360 - Marine Ecology & Conservation

ECOL 379 - Evidence-Based Medicine[^]

ECOL 406R - Conservation Biology

ECOL 409 - Evolution of Infectious Disease[^]

ECOL 426 - Population Genetics

ECOL 473 - Topics in Behavioral Ecology

ECOL 475 - Freshwater & Marine Algae*[^]

ECOL 480 - Math Models in Biology

GEOS 308 - Paleontology

GEOS 497C - Dendrochronology

NROS 381 - Animal Brains, Signs, Sex, & Social Behaviors

RNR 355 - Introduction to Wildland Fire

RNR 388 - Biosphere 2 Science: From Wonder to Discovery[^]

WFSC 445 - Population Ecology*

WFSC 454 - Water Harvesting

MOLECULAR & CELLULAR BIOLOGY (MCB)

MCB 410 - Cellular Biology

MCB 416A - Statistical Bioinformatics & Genomic Analysis (Even years only)

MCB 422 - Problem Solving with Genetic Tools*

MCB 445 - Astrobiology & the Molecular History of Life on Earth

MCB 473 - Recombinant DNA Methods & Applications*

MIC 433 - Medical & Molecular Virology

MIC 452 - Antibiotics: A Biological Perspective

NROS 310 - MCB of Neurons

NROS 430 - Neurogenetics

PLP 428R - Microbial Genetics Lecture[^]

PLP 428L - Microbial Genetics Lab*

PSIO 404 - Advanced Topics in Cellular PSIO

PSIO 484 - Cardiovascular Muscle Biology & Disease

PHYSIOLOGY (PSIO)

ACBS 400B - Animal Anatomy & PSIO

ECOL 330 - Evolution of Animal Form & Function

MIC 328R - Microbial PSIO

PLS 360 - Plant Growth & PSIO[^]

PSIO 380 - Fundamentals of Human PSIO

PSIO 404 - Advanced Topics in Cellular PSIO

PSIO 420 - Exercise & Environmental PSIO

PSIO 425 - Measurement & Evaluation of PSIO Function*

PSIO 450 - Respiratory Physiology

PSIO 469 - Human Reproductive PSIO

PSIO 484 - Cardiovascular Muscle Biology & Disease

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

Please note that courses offered by the MCB department will only be available to MCB majors during priority registration and enrollment is not guaranteed. Follow up with MCB advising after priority registration to determine if a seat is available.

ORGANISMAL

Macro

ACBS 400B - Animal Anatomy & PSIO

ACBS 403R - Biology of Animal Parasites

ACBS 443 - Research Animal Methods*

ACBS 456 - Aquaculture

ECOL 330 - Evolution of Animal Form & Function

ECOL 472 - Systematic Botany* (Odd years only)

ECOL 475 - Freshwater & Marine Algae*[^]

ECOL 483 - Herpetology (Even years only)*

ECOL 484 - Ornithology*

ENTO 405 - Aquatic Entomology

ENTO 457 - Medical & Veterinary Entomology

NROS 381 - Animal Brains, Signs, Sex & Social Behavior

PLS 360 - Plant Growth and PSIO[^]

RNR 388 - Biosphere 2 Science: From Wonder to Discovery[^]

Micro

ACBS 403R - Biology of Animal Parasites

ACBS 406 - Diseases of Companion Animals

ECOL 409 - Evolution of Infectious Disease[^]

MIC 328R - Microbial PSIO

MIC 433 - Medical & Molecular Virology

PLP 428R - Microbial Genetics Lecture[^]

PLP 428L - Microbial Genetics Lab*

PLS 333 - General Virology (Even years only)

PLS 424 - Plant Biotechnology

GENETICS

ECOL 346 - Bioinformatics*

ECOL 426 - Population Genetics

MCB 416A - Statistical Bioinformatics & Genomic Analysis

(Even years only)

MCB 422 - Problem Solving with Genetic Tools*

MCB 473 - Recombinant DNA Methods & Applications*

MIC 452 - Antibiotics: A Biological Perspective

NROS 430 - Neurogenetics

PLP 428R - Microbial Genetics Lecture[^]

PLP 428L - Microbial Genetics Lab*

PLS 312 - Animal & Plant Genetics*

PLS 340L - Biotechnology Laboratory*

SCIENCE & SOCIETY

ECOL 360 - Marine Ecology & Conservation

ECOL 379 - Evidence-Based Medicine

ECOL 406R - Conservation Biology

ECOL 409 - Evolution of Infectious Disease

ENGR 495A - Science Diplomacy: Latin America Prospects

MCB 404 - Bioethics[^]

PLS 424R - Plant Biotechnology

RNR 388 - Biosphere 2 Science: From Wonder to Discovery[^]

SCI 396A - From the Lab to Capitol Hill: Science & Law Seminar

TLS 431 - Environmental Learning