

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 364 - Natural History of Our Closest Relatives

ANTH 468 - Human Osteology

ANTH 470 - Primate Behavior

ECOL 326 - Genomics

ECOL 340 - Evolution Of Plant Form & Function

ECOL 419 - Introduction to Modeling in Biology

ECOL 447 - Intro to Theoretical Ecology

*ECOL 450 - Marine Discovery**

ECOL 487R - Animal Behavior

ECOL 487L - Animal Behavior Lab*

ECOL 496J - Plant Population Ecology

ENTO 415R - Insect Biology

ENVS 474 - Aquatic Plants and the Environment

GEOS 308 - Paleontology

GEOS 439A - Intro to Dendrochronology*

GEOS 478 - Global Change

PLP 305 - Introductory Plant Pathology^

PLP 329A - Microbial Diversity^

RNR 316 - Natural Resource Ecology^

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

WFSC 444 - Wildlife Ecology, Conservation, and Management^

WSM 452 - Dryland Ecohydrology and Vegetation Dynamics

MOLECULAR & CELLULAR BIOLOGY (MCB)

ECOL 326 - Genomics

MCB 315 - Quantitative Biology (Even years only)

MCB 325 - Biology of Cancer

MCB 422 - Problem Solving with Genetic Tools*^

MCB 480 - Introduction to Systems Biology

MIC 350 - Molecular Microbiology

MIC 419 - Immunology

MIC 420 - Pathogenic Bacteriology

MIC 432 - Comparative Immunology

MIC 452 - Antibiotics: A Biological Perspective (Even years only)

NROS 412 - Molecular Mechanisms of Learning & Memory

NSCS 307 - Cellular Neurophysiology

PLP 427R - General Mycology Lecture^

PLP 427L - General Mycology Lab

PLS 359 - Plant Cell Structure & Function^

PLS 440 - Mechanisms in Plant Development^

PLS 448A - Plant Biochem/Metabolic Engineering^

PSIO 303A - Integrative Cellular PSIO

PSIO 472 - Quantitative Modeling of Biological Systems

SCIENCE & SOCIETY

ECOL 220 - Evolutionary Medicine

ECOL 326 - Genomics

MCB 404 - Bioethics

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

ORGANISMAL

Macro

ACBS 315R - PSIO of Animal Reproduction Lecture

ACBS 315L - PSIO of Animal Reproduction Lab*

ACBS 400A - Animal Anatomy & PSIO

ACBS 443 - Research Animal Methods*

ECOL 340 - Evolution of Plant Form & Function

ECOL 482 - Ichthyology (Odd years only)*

*ECOL 485 - Mammalogy**

ECOL 487R - Animal Behavior

ECOL 487L - Animal Behavior Lab*

ENTO 415R - Insect Biology

ENVS 474 - Aquatic Plants and the Environment

PSIO 467 - Endocrine PSIO

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

Micro

ACBS 449 - Diseases of Wildlife

MIC 420 - Pathogenic Bacteriology

MIC 421B - Microbiological Techniques*

ENVS 425 - Environmental Microbiology Lecture^

ENVS 426 - Environmental Microbiology Lab*

PLP 305 - Plant Pathology^

PLP 329A - Microbial Diversity^

PLP 427R - General Mycology Lecture^

PLP 427L - General Mycology Lab*

PLS 448A - Plant Biochemistry and Metabolic Engineering^

PHYSIOLOGY (PSIO)

ACBS 315R - PSIO of Animal Reproduction Lecture

ACBS 315L - PSIO of Animal Reproduction Lab*

ACBS 400A - Animal Anatomy & PSIO

ECOL 340 - Evolution of Plant Form & Function

MIC 350 - Molecular Microbiology

MIC 432 - Comparative Immunology

NROS 307 - Cellular Neurophysiology

PSIO 303 - Integrative Cellular PSIO

PSIO 380 - Fundamentals of Human PSIO

PSIO 420 - Exercise & Environmental PSIO

PSIO 425 - Measurement & Evaluation of PSIO Function*

PSIO 431 - PSIO of the Immune System

PSIO 467 - Endocrine PSIO

PSIO 485 - Cardiovascular PSIO

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.

GENETICS

ECOL 326 - Genomics

MCB 422 - Problem Solving with Genetic Tools*

MIC 452 - Antibiotics: A Biological Perspective

PLS 340 - Intro to Biotechnology

WFSC 430 - Conservation Genetics^

Please note that courses offered by the MCB department will only be available to MCB majors during priority registration and enrollment is not guaranteed.