Fall Offerings

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 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^\nPLP 329A - Microbial Diversity^\nRNR 316 - Natural Resource Ecology^\nRNR 398 - Biosphere 2 Science: From Wonder to Discovery^\nWFSC 444 - Wildlife Ecology, Conservation, and Management^\nWSM 452 - Dryland Ecohdrology 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^\nPLP 427L - General Mycology Lab
PLS 359 - Plant Cell Structure & Function^\nPLS 440 - Mechanisms in Plant Development^\nPLS 448A - Plant Biochem/Metabolic Engineering^\nPSIO 303A - Integrative Cellular PSIO
PSIO 472 - Quantitative Modeling of Biological Systems

**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^\nENVS 425 - Environmental Microbiology Lecture^\nENVS 426 - Environmental Microbiology Lab^*
PLP 305 - Plant Pathology^\nPLP 329A - Microbial Diversity^\nPLP 427R - General Mycology Lecture^\nPLP 427L - General Mycology Lab^*
PLS 448A - Plant Biochemistry and Metabolic Engineering^\n
**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^\nPLS 340 - Intro to Biotechnology
WFSC 430 - Conservation Genetics^*

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