

BIOINFORMATICS ELECTIVES

Students may only use a course once within their major electives. Courses that are part of the core of your particular major track may not also be used as electives (e.g. MCB 301 or BIOC 384 in the MCB track). Courses with a ^ may have an online component. Other options are available that students don't typically meet the pre-requisite for. Please contact your advisor for more info if you are taking additional math and computer science coursework that may satisfy the pre-requisite.

BIOLOGICAL OPTIONS

ACBS 423 - Mechanisms of Disease

BIOC 384 - Fundamentals of Biochemistry (*EEB & CS Sub-plan only*)

BIOC 385 - Metabolic Biochemistry

ECOL 330 - Evolution of Animal Form & Function

ECOL 360 - Marine Ecology & Conservation

ECOL 406R - Conservation Biology

ECOL 409 - Evolution of Infectious Disease

ECOL 426 - Population Genetics

ECOL 472 - Systematic Botany

ECOL 473 - Topics in Behavioral Ecology

ECOL 475 - Freshwater and Marine Algae

ECOL 383 - Herpetology (*Even years only*)

ECOL 484 - Ornithology

GEOS 412A - Ocean Sciences

MCB 301 - Molecular Basis of Life (*EEB & CS Sub-plan only*)

MCB 410 - Cell Biology

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

MCB 422 - Problem Solving with Genetic Tools

MCB 473 - Recombinant DNA Methods and Applications

MIC 328R - Microbial Physiology

PLP 428R - Microbial Genetics Lecture

PLP 428L - Microbial Genetics Lab

PLS 312 - Plant and Animal Genetics

PLS 333 - General Virology

COMPUTER SCIENCE OPTIONS

CSC 401B - Symbolic Logic

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

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.