

Biology Advisory Career Tracks

Selection of the 16 hours of elective coursework is entirely up to the student. The following Advisory Career Tracks have been developed to help organize course selections for students with specific interest. These tracks are not required, but strongly recommended.

BIOMEDICAL SCIENCE

Biol 3101 - Principles of Physiology lab

Biol 3103 - Principles of Physiology

Biol 3214 - Comparative Vertebrate Anatomy

Biol 3113 - Cell Biology

Biol 3201 - Animal Development lab

Biol 3203 - Animal Development

Biol 3342 - Genetics Lab

Biol 3833 - Introduction to Neurobiology

Biol 4113 - Cellular Pathology

Biol 4244 - Animal Histology

Biol 4361 - Exptl Genetics and Cell Biology lab

Biol 4833 - Neurobiology

Biol 4970 - Cornerstone

Mbio 3813 - Fundamentals of Microbiology

Mbio 4823 - Pathogenic Microbiology and Infectious Disease*

Mbio 4833 - Basic Immunology*

Biol 4843 - Introduction to Molecular Biology

ECOLOGY AND EVOLUTIONARY BIOLOGY

Biol 3101* - Principles of Physiology lab

Biol 3103 - Principles of Physiology

Biol 3201 - Animal Development lab

Biol 3203 - Animal Development

Biol 3073 - Medical Entomology

Biol 3403 - Principles of Ecology

Biol 4034 - Mammology

Biol 4044 - Ornithology

Biol 4073 - General Entomology

Biol 4083 - Herpetology

Biol 4204 - Behavioral Ecology

Biol 4253 - Vertebrate Paleobiology

Biol 4423 - Stream Ecology

Biol 4463 - Lake Ecology

Mbio 4823 - Pathogenic Microbiology and Infectious Disease*

Biol 4493 - Ichthyology

Biol 4563 - Biological Conservation

Biol 4573 - Conservation Genetics

Biol 4653 - Parasitology

Biol 4753 - Molecular Evolution and Phylogenetics

Biol 4970 - Biostation courses

Pbio 3453 - Principles of Plant Ecology*

Pbio 3543 - Flowering Plants*

Pbio 4623 - Ecosystem Ecology*

Pbio 4723 - General Mycology*

Mbio 3813 - Fundamentals of Microbiology*

Mbio 4813 - Ecology & Pathogenic Microbiology lab*

NEUROBIOLOGY, CELL SIGNALING AND DEVELOPMENT

Biol 3101 - Principles of Physiology lab

Biol 3103 - Principles of Physiology

Biol 3113 - Cell Biology

Biol 3201 - Animal Development lab

Biol 3203 - Animal Development

Biol 3833 - Introduction to Neurobiology

Biol 4113 - Cellular Pathology

Biol 4123 - Vertebrate Physiology

Biol 4833 - Neurobiology

Biol 4843 - Introduction to Molecular Biology

Biol 4863 - Neural Control of Movement

COURSES IN BOLD INDICATE LAB CREDIT.

ALL LABS MUST BE BIOLOGY COURSES.

*NO MORE THAN 6 HRS OF MBIO/PBIO CREDIT WILL BE ACCEPTED. BIOLOGY/MICROBIOLOGY CROSSLISTED COURSES ARE EXEMPT.