

Life Science Electives

Course Name

comments

BCH 110B General Biochemistry

BCH 110C General Biochemistry or BIOL 107A Molecular Biology

BCH 162 Advanced Biochemistry Laboratory

BIOL 101 Computer Skills for Everyday Biology

BIOL 105 Evolution

BIOL 107A Molecular Biology

BIOL 107B Advanced Molecular Biology

BIOL 108 Population Genetics and Genomics

BIOL 112/BPSC 112/ ENTM 112 Systematics

BIOL 114 Advanced Cell Biology: Cellular Reproduction and Signaling

BIOL 116 Ecology and Conservation Biology

BIOL 117 Evolutionary Ecology

BIOL 119 Introduction to Genomics and Bioinformatics

BIOL 121/MCBL 121 Introductory Microbiology

BIOL 121L/MCBL 121L Microbiology Laboratory

BIOL 123/MCBL 123/PLPA 123 Introduction to Comparative Virology

BIOL 124/MCBL 124 Medical Microbiology

BIOL 148/BPSC 148 Quantitative Genetics

BIOL 166 Global Change Biology

online only

BIOL 167/BPSC 167 Forest Ecology

BIOL 168 Developmental Biology

BPSC 109/CBNS 109 Epigenetics

BPSC 138/ BIOL 138 Plant Developmental Morphology

BPSC 145/BIOL 145 Geospatial Analytics for Landscape Ecology

*not currently offered

BPSC 146/BIOL 146 Plant Ecology

BPSC 149 Nanobiotechnology

BPSC 150 Genes, Selection, and Populations

BPSC 155/ BIOL 155 Chromosomes

BPSC 165/ BIOL 165 Restoration Ecology

BPSC 166 Plant Physiological Ecology

BPSC 183/ BCH 183 Plant Biochemistry and Pharmacology of Plant Metabolites

CBNS 101 Fundamentals of Cell Biology

CBNS 108 Introduction to Developmental Biology

ENSC 100 Introduction to Soil Science

ENSC 104 Environmental Soil Chemistry

ENSC 120/NEM 120 Soil Ecology

ENSC 134/BPSC 134 Soil Conditions and Plant Growth

ENSC 175 Spatial analysis and remote sensing for environmental sciences

ENTM 100/BIOL 100 General Entomology

ENTM 109 Field Entomology

ENTM 124 Agricultural Entomology

ENTM 127/ BIOL 127 Insect Ecology

ENTM 129 Introduction to Biological Control
ENTM 129L Introduction to Biological Control laboratory
ENTM 130 Invasion Ecology
GEO 151 Principles of Paleontology
GEO 152 Principles of Invertebrate Paleobiology and Paleoecology
GEO 157 Introduction to Geographic Information Scienc
GEO 169 California Vegetation
GNBT 100 Biotechnology
GNBT 110 Advanced Genetics
GNBT 114L Molecular Genetics Lab
GNBT 120 Analysis of Genomes Lab
GNBT 130 Genomes: Structure & Evolution
MCBL 128 Field Mycology: Ecology, Evolution, and Diversity of Fungi
NEM 159/BIOL 159 Biology of Nematodes
PLPA 120/BIOL 120/MCBL 120 Introduction to Plant Pathology
PLPA 120L/BIOL 120L/MCBL 120L Introduction to Plant Pathology Laboratory
PLPA 123/BIOL 123/MCBL 123 Introduction to Comparative Virology
PLPA 134/ BIOL 134 Introduction to Mycology
PLPA 134L/BIOL 134L Introduction to Mycology Laboratory
STAT 011 Introduction to Statistical Modeling
STAT 107 Intro to Statistical Computing with R
STAT 110 Biostatistical Methods in Life Sciences