

BIOLOGY MINOR

Program Requirements

Code	Title	Credits
Biology Minor Required Courses		
BIOL 112	Principles of Biology: Introduction to the Cell	4
BIOL 113	Principles of Biology: Organisms and Diversity	4
Biology Minor Elective Options		
Select one of the following options (see below)		15
Total Credits		23

Biology Minor Elective Options

Molecular Option

Code	Title	Credits
BIOL 230	Cell and Molecular Biology	4
BIOL 350	Microbiology	4
BIOL 380	Genetics	4
BIOL 434	Molecular Biology	3
Total Credits		15

Ecological Option

Code	Title	Credits
BIOL 213	Introduction to Ecology	4
Select 11 credits from the following:		11
BIMS 220	Introduction to Marine Biology	
BIOL 300	Environmental Biology and Related Controversial Issues	
BIOL 330	Introduction to Animal Behavior	
BIOL 351	Introduction to Aquatic Ecology	
BIOL 370	Principles of Ecology	
BIOL 415	Population Genetics	
BIOL 417	Evolutionary Biology	
BIOL 420	Economic Botany	
BIOL 426	New Jersey Flora	
BIOL 429	Herpetology	
BIOL 430	Ornithology	
BIOL 431	Entomology	
BIOL 436	Phylogenetic Zoology	
BIOL 451	Comparative Animal Physiology	
BIOL 460	Biological Oceanography	
BIOL 461	Aquatic Ecology	
BIOL 493	Molecular Ecology	
Total Credits		15

Functional Option

Code	Title	Credits
BIOL 230	Cell and Molecular Biology	4
BIOL 380	Genetics	4
Select 7 credits of the following:		7
BIOL 340	Advanced Human Anatomy and Physiology I	
BIOL 341	Advanced Human Anatomy and Physiology II	
BIOL 410	Toxicology	

BIOL 425	Elementary Plant Physiology	
BIOL 432	Medical Entomology	
BIOL 433	Developmental Biology	
BIOL 439	Biology of Animal Parasites	
BIOL 440	Gross Mammalian Anatomy	
BIOL 441	Comparative Anatomy of Vertebrates	
BIOL 442	Human Physiology	
BIOL 443	Vertebrate Embryology	
BIOL 444	Cell Physiology	
BIOL 445	Immunology	
BIOL 446	Endocrinology	
BIOL 447	Fundamentals of Pharmacology	
BIOL 450	Medical Microbiology	
BIOL 451	Comparative Animal Physiology	
BIOL 457	Virology	
BIOL 468	Neurobiology	
BIOL 476	Biology of Cancer	
Total Credits		15