

Non-Major Biology Courses for Area D:

Course	Title	Semester(s) Taught
BIOL 1111/L	Introductory Biology I/Lab	Fall, Spring, and Summer
BIOL 1112	Introductory Biology II	Fall, Spring, and Summer
BIOL 1151/L	Human Anatomy and Physiology I/Lab	Fall, Spring, and Summer
BIOL 1152/L	Human Anatomy and Physiology II/Lab	Fall, Spring, and Summer
BIOL 2250/L	Microbiology for the Health Sciences/Lab	Fall, Spring, and Summer
SCI 1901	Selected Topics in Science	Varies

Required Courses for Biology Majors:

Course	Title	Semester(s) Taught
BIOL 1107/L	Principles of Biology I/Lab	Fall, Spring, and Summer
BIOL 1108/L	Principles of Biology II/Lab	Fall, Spring, and Summer
BIOL 2500	Introductory Plant Biology	Fall and Spring
BIOL 3200	Molecular and Cell Biology	Fall and Summer
BIOL 3201	Genetics	Spring and Summer
BIOL 3250/L	Introductory Microbiology/Lab	Fall and Spring
BIOL 3380	Evolution and Population Biology	Spring and Summer
BIOL 3500/L	Ecology/Lab	Fall and Spring

Course	Title	Semester(s) Taught
BIOL 3650/L	Comparative Vertebrate Anatomy/Lab	Fall and Spring
BIOL 4100	Animal Physiology	Fall and Spring
BIOL 4202L	Biotechnology Laboratory	Fall and Spring
BIOL 4500	Biology Seminar	Fall and Spring
BIOL 4900	Biocomputing	Fall and Spring
BIOL 3210 or BIOL 3211	Off-Campus Internship I Off-Campus Internship II	Fall, Spring, and Summer As Arranged with Instructor
BIOL 3220 or BIOL 3221	On-Campus Internship I On-Campus Internship II	Fall, Spring, and Summer As Arranged with Instructor
BIOL 3230 or BIOL 3231	Introductory Research I Introductory Research II	Fall, Spring, and Summer As Arranged with Instructor
BIOL 4230 or BIOL 4231 or BIOL 4232	Biology Research Practicum I Biology Research Practicum II Biology Research Practicum III	Fall, Spring, and Summer As Arranged with Instructor
BIOL 4999A or BIOL 4999B	Senior Evaluation	Fall and Spring
CHEM 1211/L	Principles of Chemistry I/Lab	Fall, Spring, and Summer
CHEM 1212/L	Principles of Chemistry II/Lab	Fall, Spring, and Summer
CHEM 2411/L	Organic Chemistry I/Lab	Fall, Spring, and Summer

Course	Title	Semester(s) Taught
CHEM 2412/L	Organic Chemistry II/Lab	Fall, Spring, and Summer
CHEM 3202 or CHEM 4202	Introductory Biochemistry or Biochemistry I	Fall Spring
MATH 1112 or MATH 1113 or MATH 1501	Trigonometry and Analytic Geometry Pre-Calculus Calculus I	Fall, Spring, and Summer Fall and Spring Fall, Spring, and Summer
PHYS 1111/L or PHYS 2211/L	Introductory Physics I/Lab Principles of Physics I/Lab	Fall, Spring, and Summer Fall and Spring
PHYS 1112/L or PHYS 2212L	Introductory Physics II/Lab Principles of Physics II/Lab	Fall, Spring, and Summer Fall and Spring

Upper Division Elective Courses for Biology Majors:

Course	Title	Semester(s) Taught
BIOL 3210 or BIOL 3211*	Off-Campus Internship I Off-Campus Internship II	Fall, Spring, and Summer As Arranged with Instructor
BIOL 3220 or BIOL 3221*	On-Campus Internship I On-Campus Internship II	Fall, Spring, and Summer As Arranged with Instructor
BIOL 3230 or BIOL 3231*	Introductory Research I Introductory Research II	Fall, Spring, and Summer As Arranged with Instructor

Course	Title	Semester(s) Taught
BIOL 4230 or BIOL 4231 or BIOL 4232*	Biology Research Practicum I Biology Research Practicum II Biology Research Practicum III	Fall, Spring, and Summer As Arranged with Instructor
BIOL 3300	Vertebrate Natural History	Spring 2018
BIOL 3320	Invertebrate Zoology	TBA
BIOL 3340	Entomology	TBA
BIOL 3375	Animal Behavior	TBA
BIOL 3550	Tropical Ecology (Study abroad in the Bahamas)	Maymester 2018
BIOL 3570	Rainforest Ecology (Study abroad in Costa Rica)	Maymester 2017
BIOL 3700	Plant Physiology	TBA
BIOL 3720	Plant Taxonomy	TBA
BIOL 3740	Economic Botany	TBA
BIOL 4100L	Animal Physiology Laboratory	TBA
BIOL 4120	Neurobiology	Fall 2018
BIOL 4160	Endocrinology	Spring 2017
BIOL 4325	Parasitology	TBA

Course	Title	Semester(s) Taught
BIOL 4330	Developmental Biology	TBA
BIOL 4420	Histology	TBA
BIOL 4450	Immunology	Spring 2019
BIOL 4460	Virology	Fall 2017
BIOL 4500*	Biology Seminar	Fall and Spring
BIOL 4600	Medical Microbiology	TBA
BIOL 4620/L	Applied and Environmental Microbiology/Lab	Fall 2019
BIOL 4630	Mycology	TBA
BIOL 4700	Special Topics in Biology: Hormones and Behavior Experimental Design Pharmacology Conservation Biology	Spring 2017 Fall 2017 Fall 2018 Spring 2019
BIOL 4920	Aquatic Ecology	TBA
BIOL 4930	Environmental Toxicology	Spring 2018

*Please note that these courses can be taken more than once, but a single course cannot count in two areas of the curriculum. To get credit for upper division electives, the course must be taken a second time using a different course ID.