



## Concentration in Biology

### Required Courses

Course #	Course Name	Credits
BSC 1010, 1010L	Honors Biological Principles with Lab	4
BSC 1011, 1011L	Honors Biodiversity with Lab	4
CHM 2045, 2045L	Honors General Chemistry I with Lab	4
CHM 2046, 2046L	Honors General Chemistry II with Lab	4
MAC 2311	Honors Calculus I with Analytic Geometry	4
STA 2023	Honors Introductory Statistics	3
PHY 2048, 2048L	Honors General Physics I with Lab	5
CHM 2210, 2204L	Honors Organic Chemistry I with Lab	4
CHM 2211, 2205L	Honors Organic Chemistry II with Lab	4
BCH 3033	Honors Biochemistry	3
PCB 3063	Honors Genetics	4
	Biology Electives	18
<del>BSC 4915</del>	<del>Honors Research in Biology</del>	3
<del>BSC 4970</del> <b>IDS 4970</b>	<b>RI: Honors Thesis in Biology (two semesters)</b>	<b>3 6</b>
	Total Credits	67

### Biology Electives

<b>Course #</b>	<b>Course Name</b>	<b>Credits</b>
BSC 4930	Honors Eukaryotic Genomes	3
BSC 4930	Honors Environmental Field Ecology	3
BOT 3501, 3501L	Honors Introduction to Plant Biology with Lab	4
BSC 4905	Honors Directed Independent Study in Biology	1-3
BSC 4402L	Honors Fluorescence Microscopy Lab	1
BSC 4403L	Honors Biotechnology Lab	2
BSC 4930	Honors Special Topics in Biology	1-3
BSC 4930	Honors Endocrinology	3
PCB 4233	Honors Immunology	3
ZOO 4742	Honors Principles of Human Neuroanatomy	3
BSC 4930	Honors Science of Addiction	3
BSC 2084, 2084L	Honors Essentials of Human Anatomy and Physiology with Lab	4
BSC 4930	Honors Molecular Pharmacology	3
BSC 4930	Honors Intro to Structural Molecular Biology	2
BSC 4930	Honors Experimental Design and Data Analysis	3
PCB 3703, PCB 3703L	Honors Human Morphology and Function I with Lab	4
PCB 3704, PCB 3704L	Honors Human Morphology and Function II with Lab	4
PCB 4673	Honors Evolution	3
PCB 3352	Honors Issues in Human Ecology	3

<b>Course #</b>	<b>Course Name</b>	<b>Credits</b>
PCB 4414	Honors Behavioral Ecology	4
PCB 3351, 3351L	Honors Tropical Rainforests with Lab	6
PCB 3411	Honors Animal Behavior	3
PCB 4253	Honors Developmental Biology	3
PCB 4234	Honors Biology of Cancer	3
PCB 4043	Honors Principles of Ecology	3
OCB 3012, 3012L	Honors Marine Biology and Oceanography with Lab	4
ZOO 2303, 2303L	Honors Vertebrate Zoology with Lab	4
ZOO 4556	Honors Coral Reef Ecology	3
MCB 3020 (w/3020L)	Honors Microbiology (with Lab)	3 (4)
PCB 4102	Honors Cell Biology	4
PCB 4024	Honors Molecular Cell Biology	3
BSC 1933	Honors Freshman Seminar	3
EVS 4414	Honors Conservation Biology	3
EVR 4420	Honors Marine Conservation	3
BSC 4930	Honors Molecular Ecology	3