

Biology, B.S.

Course	Title	Semester Credit Hours
Freshman Year		
Semester 1		
BIOL 1306 & BIOL 1106	Biology for Science Majors I and Biology for Science Maj Lab I	4
MATH 1314	College Algebra	3
Rhetoric & Composition		3
American History		3
UNIV 1201	Learning in Global Context	2
Semester Credit Hours		15
Semester 2		
BIOL 1307 & BIOL 1107	Biology for Science Majors II and Biology for Science Maj Lab II	4
CHEM 1311 & CHEM 1111	General Chemistry I and General Chemistry I Lab	4
Rhetoric & Composition		3
American History		3
Semester Credit Hours		14
Sophomore Year		
Semester 1		
BIOL, elective		4
CHEM 1312 & CHEM 1112	General Chemistry II and General Chemistry II Lab	4
Communications		3
Government/Political Science		3
Semester Credit Hours		14
Semester 2		
Government/Political Science		3
Elective		4
Creative Arts		3
Lang/Phil/Culture		3
Social/Behavioral		3
Semester Credit Hours		16
Junior Year		
Semester 1		
BIOL 3402	Genetics	4
STAT 4301	Biostatistics	3
Select one of the following:		4
BIOL 3408	Animal Physiology	
BIOL 4426	Cellular Physiology	
Elective		4
Semester Credit Hours		15
Semester 2		
BIOL 3301	Evolutionary Theory	3
BIOL 3407	Ecology	4
Elective		10
Semester Credit Hours		17

Senior Year**Semester 1**

BIOL 4102	Seminar (WI)	1
BIOL, adv.		8
Electives		4
Semester Credit Hours		13

Semester 2

BIOL, adv.		9
Electives		7
Semester Credit Hours		16
Total Credit Hours Required:		120

Students planning a career in **natural resource, ecology, conservation biology, environmental consulting, biological education and research as well as a graduate degree in natural sciences and other related fields**, should follow the coursework plan of the Biology, B.S. - Conservation Biology concentration.

Students planning to enter a **medical, dental, or pharmacy school** should follow the B.S. in Biomedical Sciences Pre-Health Profession Option or B.S. in General Biomedical Sciences Option (minor in Chemistry).

Students planning a career in an **allied health field** (e.g., physical therapy, occupational therapy, nursing, physical assistant) should consider the following courses in addition to identifying other coursework appropriate for their career track.

Code	Title	Semester Credit Hours
BIOL 2401	Anatomy and Physiology I	4
BIOL 2402	Anatomy and Physiology II	4
BIOL 2421	Elementary Microbiology	4
BIOL 4426	Cellular Physiology	4