

Biology, B.S.

Degree Type

Bachelor of Science

General Education

Level I

Item #	Title	Credits
	ENG 101	3
	FYS First Year Seminar	1
	Communications	3
	Quantitative Reasoning	0

Level II

Item #	Title	Credits
ENG 102	Advanced Composition	3
	Global & Cultural Diversity	3
	Fine Arts	3
	Science	0
	Math	0
	History (any history class)	3
	Social Science (ECO 150 or any Sociology or Psychology)	3
	Theology (any class)	6
PHL 200	Moral Reasoning	3
	Philosophy (any Philosophy course)	3
	General Education Elective (any Liberal Arts Course)	3

Major Program Courses

Item #	Title	Credits
BIO 110	General Cellular Biology	3
BIO 111	General Cellular Biology Laboratory	1
BIO 250	Zoology	3
BIO 251	Zoology Laboratory	1
BIO 266	Botany	3
BIO 267	Botany Laboratory	1
BIO 330	Genetics	3
BIO 331	Genetics Laboratory	1
BIO 475	Capstone Thesis	3
	BIO 192 or BIO 392	1

Major Electives

Choose from:

Item #	Title	Credits
BIO 225	Personal Nutrition	3
BIO 255	Ecology	3
BIO 265	Forensic Science	4
BIO 268	Environmental Biology	3
BIO 269	Environmental Biology Laboratory	1
BIO 300	General Microbiology	3
BIO 301	General Microbiology Lab	1
BIO 310	Advanced Anatomy and Physiology I	4
BIO 311	Advanced Anatomy and Physiology I Lab	1
BIO 312	Advanced Anatomy and Physiology II	4
BIO 313	Advanced Anatomy and Physiology II Lab	1
BIO 340	Biochemistry	4
BIO 341	Biochemistry Laboratory	1
BIO 345	Field Biology	4
BIO 366	Pathophysiology	3
BIO 390	Molecular Biology	3
BIO 391	Molecular Biology Lab	1
BIO 460	Gross Anatomy	5
BIO 464	Immunology/Hematology	3
BIO 465	Advanced Forensic Science	4
CHM 220	Analytical Chemistry	4
CHM 221	Analytical Chemistry Laboratory	1

Supporting Field

Item #	Title	Credits
CHM 110	General Chemistry	4
CHM 111	General Chemistry I Laboratory	1
CHM 112	General Chemistry II	4
CHM 113	General Chemistry II Laboratory	1
CHM 230	Organic Chemistry I	4
CHM 231	Organic Chemistry Laboratory I	1
CHM 232	Organic Chemistry II	4
CHM 233	Organic Chemistry Laboratory II	1
	PHY 202 or PHY 212	3-4
PHY 203	Physics Laboratory I	1
	PHY 204 or PHY 214	3-4
PHY 205	Physics Laboratory II	1
MTH 114	College Algebra	3
MTH 115	College Trigonometry	3
	MTH 242 or higher - Statistics	3

Electives

Some courses may be counted in more than one category. Courses cannot be cross counted within general education. The student must still complete the specific total hours for graduation by taking additional electives. **Developmental courses cannot be counted toward graduation requirements.** Student may be required to complete prerequisite courses.

