

Biology (Pre-Medical) Semester Guide

Natural and Applied Sciences Department - Bachelor of Science

Freshman Year - Fall Semester

Course	Course Description	Credits
HEN 112	English I	3
GAC 101/120	Freshman Seminar I	1.5
SCH 111 or SCH 150 & SCH 151	General Chemistry I	4
SLF 111	General Biology I Lecture	3
SLF 112	General Biology I Laboratory	1
EDU 110 or HPH 110	Critical Thinking	3
	Total	15.5

Freshman Year - Spring Semester

Course	Course Description	Credits
HEN 113	English II	3
GAC 102/121	Freshman Seminar II	1.5
SCH 112 or SCH 160 & SCH 161	General Chemistry II	4
SLF 126	General Biology II Lecture	3
SLF 127	General Biology II Laboratory	1
	Humanities Elective I	3
	Total	15.5

Sophomore Year - Fall Semester

Course	Course Description	Credits
SLF 312	Principles of Genetics	4
SCH 311	Organic Chemistry I	4
REC ____	Physical Education	1
SLF 320 or SLF 304 & SLF 305	Human Anatomy and Physiology I	4
REC 111	Health and Wellness	2
	Total	15

Sophomore Year - Spring Semester

Course	Course Description	Credits
HEN 114	Fundamentals of Speech	3
SCH 312	Organic Chemistry II	4
SLF 321 or SLF 306 & SLF 307	Human Anatomy and Physiology II	4
MAT160	Calculus I	4
	Total	15

Junior Year - Fall Semester

Course	Course Description	Credits
SPY/SPH 315 or SPH 311 & SPH 312	Physics I	4
SLF 311	Microbiology	4
AAS 210	African American Exp. In a Global Context	3
	Free Elective I	3
	Social Science Elective i	3
	Total	17

Junior Year - Spring Semester

Course	Course Description	Credits
SPY/SPH 316 or SPH 317 & SPH 318	Physics II	4
SLF ____	Major Track Elective (Cellular)	4
	Humanities Elective II	3
	Free Elective II	3
	Total	14

Senior Year - Fall Semester

Course	Course Description	Credits
	Social Science Elective II	3
SCH 340	Biochemistry I	3
	Free Elective III	3
	Free Elective IV	3
	Free Elective V (3 or 4 credits)	3
	Total	15

Senior Year - Spring Semester

Course	Course Description	Credits
SLF ____	Major Track Elective (Molecular)	4
SLF 412	Seminar in Biology	1
SCH 341	Biochemistry II	3
SCH 342	Biochemistry Laboratory	2
	Free Elective VI (3, or 4 credits)	3
	Total	13

Major and Concentration Courses

*A final course grade of C is required for ALL major courses.

GRADUATION REQUIREMENTS

A minimum of 2.0 grade point average and a minimum of 120 credit hours, as specified, **excluding** any developmental courses are required for graduation.

Note: W, A, I, and G designated intensive general education courses should be taken in the selection for Humanities, Social Sciences and Free Elective option.