

Biology (Pre-Nursing/Health Professions) 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		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
MAT 111	Intermediate Algebra	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		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
	Humanities Elective I	3
AAS 210	African American Exper. in a Global Context	3
Total		17

Junior Year - Fall Semester

Course	Course Description	Credits
SPY/SPH 315 or SPH 311 & SPH 312	Physics I	4
SLF 311	Microbiology	4
MAT 205	Statistics	3
	Free Elective I	3
	Social Science Elective i	3
Total		17

Junior Year - Spring Semester

Course		Credits
SPY/SPH 316 or SPH 317 & SPH 318	Physics II	4
SLF 316	Vertebrate Embryology	4
	Humanities Elective I	3
	Free Elective II (2 or 3 credits)	2
SLF 325	Human Nutrition	3
Total		16

Senior Year - Fall Semester

Course	Course Description	Credits
	Social Science Elective II	3
SCH 340	Biochemistry I	3
	Free Elective III	3
	Humanities Elective II	3
Total		12

Senior Year - Spring Semester

Course		Credits
	Free Elective IV (2 or 3 credit)	2
SLF 412	Seminar in Biology	1
SLF 422	Molecular Biology	4
SLF 317	Cytology	4
	Free Elective V (1, 2, or 3 credits)	1
Total		12

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 options.

NOTE: W, S, Y, and U designated intensive general education courses should be taken in the selection for Humanities, Social Sciences and Free Elective option.