



Major: Biochemistry, BS (Bachelor of Science)
2025-2026 4-Year Plan Guide
Major: 68 credit hours, Total Degree Requirements: 120 credit hours

Students are not limited to this plan; it is meant to be used as a guide for planning purposes in consultation with your advisor. The sample schedule is one possible path to completing your degree within four years. For official program requirements, please refer to the [Undergraduate Catalog](#).

FIRST YEAR

Fall

Prefix + Number + Course Title	Major / General Education Requirements (SGR)	Credits
FYS 190 First Year Seminar	Major	2
BIOL 130 Success in Science	Major	1
MATH 123 Calculus	Major & SGR #5	4
BIOL 151/L General Biology I & Lab	SGR #6 First Course	4
CHEM 112/L General Chemistry & Lab	SGR #6 Second Course	4
Total Credit Hours:		15

Spring

Prefix + Number + Course Title	Major / General Education Requirements (SGR)	Credits
ENGL 101 Composition I	SGR #1	3
Fine Arts & Humanities Elective	SGR #4 First Course	3
Social Science Elective	SGR #3 First Course	3
BIOL 153/L General Biology II & Lab	Additional Program Requirement	4
CHEM 114/L General Chemistry II & Lab	Prerequisite	4
Total Credit Hours:		17

SECOND YEAR

Fall

Prefix + Number + Course Title	Major / General Education Requirements (SGR)	Credits
Oral Communications Elective	SGR #2	3
ENGL 201 Composition II	SGR #1	3
CHEM 326/L Organic Chemistry & Lab	Major	4
Advanced Biology Elective, First Course	Major	4
Total Credit Hours:		14

Spring

Prefix + Number + Course Title	Major / General Education Requirements (SGR)	Credits
Fine Arts & Humanities Elective	SGR #4 Second Course	3
CHEM 328/L Organic Chemistry II & Lab	Major	4
CHEM 332/L Analytical Chemistry & Lab	Major	4
Advanced Biology Elective, Second Course	Major	4
Total Credit Hours:		17



THIRD YEAR

Fall

Prefix + Number + Course Title	Major / General Education Requirements (SGR)	Credits
Advanced Biology Elective, Third Course	Major	4
BIOL 281 Introduction to Statistics	Major & Additional Program Requirement	3
PHYS 211/L University Physics I & Lab	Major	5
CHEM 464/L Biochemistry I & Lab	Major	4

Total Credit Hours: 16

Spring

Prefix + Number + Course Title	Major / General Education Requirements (SGR)	Credits
Quantitative Elective	Major	4
PHYS 213/L University Physics II & Lab	Major	5
CHEM 465/L Biochemistry II & Lab	Major	4

Total Credit Hours: 13

FOURTH YEAR

Fall

Prefix + Number + Course Title	Major / General Education Requirements (SGR)	Credits
BIOL 490 Seminar	Major	1
BIOL 498 Undergrad Research	Major	3
Human Values Elective	Additional Program Requirement	3
Elective	Elective	4
Social Science Civics Elective	SGR #3 Second Course	3

Total Credit Hours: 14

Spring

Prefix + Number + Course Title	Major / General Education Requirements (SGR)	Credits
Chemistry Elective	Major	4
Chemistry Elective	Major	4
Elective	Elective	3
Elective	Elective	3

Total Credit Hours: 14

COMMENTS & NOTES

Notes:

*

As part of the Bachelor of Science, students in this program must complete the Bachelor of Science [Requirements](#)