



Major: Biochemistry, BS (Bachelor of Science)
2026-2027 4-Year Plan Guide
Major: 60 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 101 First Year Seminar	Major	2
BIOL 130 Success in Science	Major	1
BIOL 151/L General Biology I & Lab	SGR #6 & Major	4
CHEM 112/L General Chemistry I & Lab	SGR #6 & Major	4
MATH 123 Calculus I	SGR #5 & Major	4
Total Credit Hours:		15

Spring

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

SECOND YEAR

Fall

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

Spring

Prefix + Number + Course Title	Major / General Education Requirements (SGR)	Credits
Fine Arts & Humanities elective	SGR #4	3
Social Science Civics elective	SGR #3	3
CHEM 328/L Organic Chemistry II	Major	4
CHEM 332/L Analytical Chemistry	Major	4
Quantitative Elective	Major/Minor	3-4
Total Credit Hours:		17-18



THIRD YEAR

Fall

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

Total Credit Hours: 15-16

Spring

Prefix + Number + Course Title	Major / General Education Requirements (SGR)	Credits
Biology Elective	Major	4
CHEM 465/L Biochemistry II & Lab	Major	4
PHYS 213/L University Physics II & Lab	Major	5
Major/Minor Elective	Major/Minor	3-4

Total Credit Hours: 16-17

FOURTH YEAR

Fall

Prefix + Number + Course Title	Major / General Education Requirements (SGR)	Credits
Human Values Elective	Additional Requirements	3
CHEM 498 Undergrad Research	Major	3
Chemistry Elective	Major	4
Biology Elective	Major	4

Total Credit Hours: 15

Spring

Prefix + Number + Course Title	Major / General Education Requirements (SGR)	Credits
Chemistry Elective	Major/Minor	4
BIOL 490 Seminar	Major	1
Major/Minor Elective	Major/Minor	4
Major/Minor Elective	Major/Minor	3-4

Total Credit Hours: 12-13

COMMENTS & NOTES

Notes:

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