

Degree Map: Biology - Biotechnology Concentration (BS)*
Biology Program
 School of Natural Sciences & Mathematics Stockton University
 USC 1 - 240 609-652-4546

The following is a suggested plan of study for completion of this degree program.

The goal of a Degree Map is to ensure that students graduate with no more than 81 credits and in four years.

- x All students should speak with their preceptor throughout their academic programs.
- x Transfer students may not need to take all courses in the plan; they should consult with an academic advisor.

FIRST YEAR FALL	Credit	FIRST YEAR SPRING	Credit
Course load	17	Course load	14
MATH 110 Precalculus Attribute: Q1	4	BIOL 1400/1405 Biodiversity & Evolution w/lab	5
BIOL 1200/1205 Cells & Molecules w/lab	5	CHEM 2110/2115 Chemistry I: General Principles w/lab Attribute: Q2	5
FRST or G-course Attribute: First Year Seminar Optional Attributes: A, H, I, R, and/or V	4	FRST, ASD, or G-course Optional Attributes: W, A, H, I, R, and/or V	4

FRST, ASD, or G-course
 Attribute: W, A, H, I, R, and/or V

Course load	17	Course load	17
CHEM 2120/2125 Chemistry II: Organic Structure w/lab	5	BIOL 2110/2115 Genetics w/lab Attribute: Q2	4
BIOL or other NAMS elective	4	BIOL 2600 Scientific Literacy	1
ASD or G-course Optional Attributes: W, A, H, I, R, and/or V	4	BIOL or other NAMS elective	4
ASD or G-course Optional		A, H, I, R, and/or V	4
		ASD or G-course Optional Attributes: W, A, H, I, R, and/or V	4

THIRD YEAR FALL	Credit	THIRD YEAR SPRING	Credit
Course load	14	Course load	17-18

PHYS 2110/2115 Physics for Life Sciences I
 w/lab OR

8	1	BIOL or other NAMS elective	4
ASD or G-course Optional Attributes: W, A, H, I, R, and/or V	4	ASD or G-course Optional Attributes: W, A, H, I, R, and/or V	4

This document is not a substitute for academic advisement.

Approved by The Biology Program (February 2022)

FOURTH YEAR FALL	Credit	FOURTH YEAR SPRING	Credit
Course load	16		

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10. Biotechnology elective Choices include BIOL 4210 Molecular Genetics, BIOL 4211 Molecular Evolution, BIOL 4215 Biotechnology, or CHEM 3350 Biochemistry Lab Methods.
11. BIOL 4800/4900 BIOL Senior Project (2 credits) with poster session optional but strongly encouraged.

ADDITIONAL INFORMATION

- x **FIRST (FRST)** All newly admitted freshmen or transfer students with 15 or fewer credits are required to fulfill the University's first-year competency requirement. The requirement may be met by demonstrating competency on the placement tests, or by passing, with a grade of C or better, all FRST courses: **FIRST 1101** College Writing, 1002 – Critical Thinking and Reading, and 1103.6 (t)-4.8 e u7cPT(e)0cP u7-cP24 Td d8 (. (e)-5.7 (mee u7cPm (h)cP- u7