

As of February 8, 2023

2023-2024 Degree Map: B.A. Biology – Pre-Professional Concentration
School of Natural Sciences and Mathematics | Stockton University
USC1 – 240 | (609) 652-4546

For At-Some-Distance and Cognate courses.
 You should consult with an academic advisor.

FIRST YEAR – FALL SEMESTER	
BIOL 1200/1205 Cells & Molecules w/lab	5 credits
MATH 1100 Precalculus ¹ Attribute: Q1	5 credits
CHEM 2110/2115 Chemistry I: General Principles w/lab ² Attribute: Q2	4 credits
FRST or G-course	

Credit Total Overall	35 credits
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SECOND YEAR – FALL SEMESTER	
CHEM 2120/2125 Chemistry II Organic Structure w/lab ²	5 credits
CSIS or CIST 1206 Statistics Attribute: Q1	4 credit
ASD or G-course Optional Attributes: W, A, H, I, R, and/or V	4 credits
ASD or G-course Optional Attributes: W, A, H, I, R, and/or V	4 credits
Total Course Load as of Second Year Fall Semester	52 credits

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SECOND YEAR – SPRING SEMESTER	
CHEM 2130 Chemistry III: Organic Reactions ²	4 credits
BIOL 2110/2115 Genetics w/lab Attribute: Q2	4 credits
BIOL 2600 Scientific Literacy ³	1 credit
ASD or G-course Optional Attributes: W, A, H, I, R, and/or V	4 credits

Second

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Program Specific Notes

* Credit for BIOL 1200/05, 1400/05, 2600, and 2110/2115 (**Attribute: Q2**) may only be earned with a C grade or higher. Students must have a minimum overall 2.0 GPA for all NAMS courses. No biology core or cognate course may be taken P/NC and be counted toward any degree track in biology.

1. Dependent on first-year math competency placement. MATH 1100 Precalculus (**Attribute: Q1**) is a prerequisite for BIOL 2110/2115 Genetics (**Attribute: Q2**).

2. Since CHEM I and IV are ‘General Chemistry’ (**Attribute: Q2**) and CHEM II and III are ‘Organic Chemistry’, students may proceed to either CHEM II or IV (**Attribute: Q2**) after taking CHEM I with lab.

3. Recommended in the Spring term of the second year.

4. Recommended in the third year but may be taken in the second or fourth year.

5. PSYC 1100 Introduction to Psychology and SOCY 1100 Introduction to Sociology (**Attribute: I**) are strongly recommended in preparation for the MCAT.

6. Biochemistry is the second highest-tested natural science subject found on the MCAT exam, just after biology. It is therefore critical to success on the MCAT.

7. **Ecology (Plants) requirement.** Biology majors must take at least ONE course that focuses on ecology and/or plants. Courses that will fulfill this requirement include (but are not necessarily limited to) the following: BIOL 2100 (**Attribute: Q2**) or 2120 or 2126 or 3180 or 3184 or 3365 or 3370 (**Attribute: Holistic Health IMHL**) or 3414 or 3416 or 3417 or 3419 or 3440 or 3465 or 3416 or 3450 or 3465 or ENVL 2200 or 3414 or 3416 or 3419 or MARS 3335 (**Attribute: W2**) or 3336 or 3416 or SUST 3440 or 3450. *This course, however, must ~~4) I) 20 T or 3~~ (3*