

As of February 8, 2023

**2023-2024 Degree Map: B.S. Biochemistry/Molecular Biology**  
**2YR Pre-PharmD Concentration**  
**School of Natural Sciences & Mathematics | Stockton University**  
**USC1 – 240 | (609) 652-4546**

This 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 greater than 128 credits and in four years.

- All students should speak with their preceptor about their academic programs. Students are advised to reference their Degree Works for information about their program's At-Some-Distance and Cognate courses.
- Transfer students may not need to take all courses in the plan; they should consult with an academic advisor.

<b>FIRST YEAR – FALL SEMESTER</b>	
<b>Subject:</b> FRST or G-course* <b>Optional Attribute:</b> Seminar and a W1	<b>4 credits</b>
CHEM 2110/15 Chemistry I: General Principles w/lab <sup>1</sup> <b>Attribute:</b> Q2	<b>5 credits</b>
BIOL 1200/05 Cells & Molecules w/lab <sup>1</sup>	<b>5 credits</b>
MATH 2215 Calculus I <sup>1</sup> <b>Attribute:</b> Q1	<b>5 credits</b>
<b>Total Course Load as of First Year Fall Semester</b>	<b>19 credits</b>

<b>FIRST YEAR – SPRING SEMESTER</b>	
<b>Subject:</b> FRST or G-course* <b>Attribute:</b> A, H, I, R, and/or V	<b>4 credits</b>
<b>Subject:</b> G-course* <b>Attribute:</b> A, H, I, R, and/or V; W1	<b>4 credits</b>
CHEM 2120/25 Chemistry II: Organic Structure w/lab <sup>1</sup>	<b>5 credits</b>
BIOL 1400/05 Biodiversity & Evolution w/lab <sup>1</sup>	<b>5 credits</b>
<b>First Year Credit Total Overall</b>	<b>37 credits</b>

<b>FIRST YEAR – SUMMER SEMESTER</b>	
<b>Subject:</b> G-course* <b>Attribute:</b> A, H, I, R, and/or V	<b>4 credits</b>
<b>Subject:</b> G-course * <b>Attribute:</b> A, H, I, R, and/or V	<b>4 credits</b>
<b>First Year Credit Total Overall</b>	<b>45 credits</b>

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<b>SECOND YEAR – FALL SEMESTER</b>	
CHEM 2130 Chemistry III: Organic Reactions w/lab <sup>1</sup>	<b>4 credits</b>
PHYS 2110/15 Physics for Life Science I w/lab <sup>1</sup> <b>Attribute: Q2</b>	<b>5 credits</b>
ECON 1400 Intro to Microeconomics <sup>1</sup> <b>Attribute: Q2</b>	<b>4 credits</b>
BIOL 2110/15 Genetics w/lab <b>Attribute: Q2</b>	<b>4 credits</b>
<b>Total Course Load as of Second Year Fall Semester</b>	<b>52 credits</b>

<b>SECOND YEAR – SPRING SEMESTER</b>	
CHEM 2140 Chemistry IV: Theory & Application w/lab <sup>1</sup> <b>Attribute: Q1</b>	<b>4 credits</b>
BIOL 2150 Principles of Physiology w/lab <sup>1</sup>	<b>4 credits</b>
PHYS 2120/25 Physics for Life Science II w/lab <b>Attribute: Q1</b>	<b>5 credits</b>
Statistics Course <sup>1</sup> <b>Attribute: Q1</b>	<b>4 credits</b>
<b>Second Year Credit Total Overall</b>	<b>69 credits</b>

<b>SECOND YEAR – SUMMER SEMESTER</b>	
<b>Subject: G-course*</b> <b>Attribute: A, H, I, R, and/or V</b>	<b>4 credits</b>
<b>Subject: G-course *</b> <b>Attribute: A, H, I, R, and/or V</b>	<b>4 credits</b>
<b>Second Year Credit Total Overall</b>	<b>77 credits</b>

**Program Specific Notes**

- <sup>1</sup>A grade of B or higher is required in order to be accepted by Rutgers.
- <sup>2</sup>ASD courses.
- A grade of C or better required in all program courses, except those above with the footnote 1.
- \*Before transferring to Rutgers, students must complete 2 GAH, 1 GEN, 1 GIS, 1 GSS, 1 GNM and fulfill all attribute requirements. One GSS and one GNM course will transfer back from Rutgers.
- Summer or part-time employment in a retail pharmacy setting is recommended as well as internships at pharmaceutical companies.

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- A specific set of courses taken in the first two years at Rutgers will transfer to Stockton to count toward the BCMB degree (30 program/cognate credits, 4 GSS credits, 4 GNM credits).
- Students should register for Stockton BIOL 4601 Pharmacy Seminar (0 credits) each semester after transferring to Rutgers until the Stockton BCMB degree is complete.