

As of February 8, 2023

2023-2024 Degree Map: B.S. Biochemistry/Molecular Biology
3 YR Pre-PharmD Concentration
School of Natural Sciences | 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.

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

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

SECOND YEAR – FALL SEMESTER	
CHEM 2130 Chemistry III: Organic Reactions w/lab ¹	4 credits
BIOL 2110/15 Genetics w/lab Attribute: Q2	4 credits
PHYS 2110/15 Physics for Life Science I w/lab ¹ Attribute: Q1	5 credits
ECON 1400 Intro to Microeconomics ¹ Attribute: Q2	4 credits
Total Course Load as of Second Year Fall Semester	54 credits

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SECOND YEAR – SPRING SEMESTER	
CHEM 2130 Chemistry IV: Theory & Application w/lab ¹ Attribute: Q2	4 credits
BIOL 2150 Principles of Physiology w/lab ¹	4 credits
PHYS 2120/25 Physics for Life Science II w/lab ¹ Attribute: Q1	4 credits
Statistics Course (CSIS 1200) ¹ Attribute: Q1	4 credits
Second Year Credit Total Overall	70 credits

THIRD YEAR – FALL SEMESTER	
Subject: G-course* Attribute: A, H, I, R, and/or V	4 credits
Subject: G-course* Attribute: A, H, I, R, and/or V	4 credits
Subject: G-course* Attribute: A, H, I, R, and/or V	4 credits
CHEM 3250 Biochemistry ²	4 credits
Upper-level CHEM/BIOL ³	4 credits
Total Course Load as of Third Year Fall Semester	90 credits

THIRD YEAR – SPRING SEMESTER	
Subject: G-course* Attribute: Q2 (preferred)	4 credits
Subject: G-course* Attribute: Q2 (preferred)	4 credits
Subject: G-course* Attribute: Q2 (preferred)	4 credits
Upper-level biology course ³	4 credits
Third Year Credit Total Overall	106 credits

Program Specific Notes

- Students must maintain a cumulative grade point average of 3.0 in all course work and a minimum of B in each of the science and mathematics courses.

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- *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 will transfer back from Rutgers.
- ¹A grade of B or higher is required in order to be accepted by Rutgers.
- ²ASD courses.
- ³May be taken at Rutgers.
- ⁴Upper-level courses should only be taken if all transfer requirements have been met. These courses may count toward Stockton's BCMB degree requirements.
- A specific set of courses taken in the first year at Rutgers will transfer to Stockton to count toward the BCMB degree (18 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.
- Summer or part-time employment in a retail pharmacy setting is recommended as well as internships at pharmaceutical companies.