

HALMOS COLLEGE OF NATURAL SCIENCES AND OCEANOGRAPHY
SAMPLE FOUR YEAR CURRICULUM | 2025-2026 CATALOG
Bachelor of Science - Chemistry: Biochemistry Track

Freshman Year			
Fall		Winter	
<u>Course</u>	<u>Credits</u>	<u>Course</u>	<u>Credits</u>
UNIV 1000: First Year Seminar	3	Open Written Communication	3
Open Written Communication	3	BIOL 1510 Biology II/Lab	4
BIOL 1500 Biology I/Lab	4	CHEM 1310 General Chemistry II/Lab	4
CHEM 1300 General Chemistry I/Lab	4	MATH 2200 Calculus II	4
MATH 2100 Calculus I*	4		
Total Credits	18	Total Credits	15
Sophomore Year			
Fall		Winter	
<u>Course</u>	<u>Credits</u>	<u>Course</u>	<u>Credits</u>
Open Social & Behavioral Sciences	3	Open Social & Behavioral Sciences	3
Open Arts & Humanities	3	Open Arts & Humanities	3
CHEM 2400 Organic Chemistry I/Lab	4	CHEM 2410 Organic Chemistry II/Lab	4
PHYS 2400 Physics I/Lab	4	PHYS 2500 Physics II/Lab	4
Total Credits	14	Total Credits	14
Junior Year			
Fall		Winter	
<u>Course</u>	<u>Credits</u>	<u>Course</u>	<u>Credits</u>
CHEM 3460 Quantitative Analysis /Lab	4	CHEM 3050 Chemical Literature and Seminar	3
CHEM 3405 Biophysical Chemistry/Lab	4	CHEM 3760 Biochemistry II	3
CHEM 3660 Biochemistry I/Lab□	4	Major Elective	3
Open Elective	3	Open Elective	3
		Open Elective	3
Total Credits	15	Total Credits	15
Senior Year			
Fall		Winter	
<u>Course</u>	<u>Credits</u>	<u>Course</u>	<u>Credits</u>
CHEM 4005 Inorganic Chemistry I	3	CHEM 4101 Senior Chemistry Seminar	1
Major Elective	3	Major Elective	3
Open Elective	3	Open Elective	3
Open Elective	3	Open Elective	3
Open Elective	3	Open Elective	3
Total Credits	15	Total Credits	13
TOTAL CREDITS 120			

NOTES:

**This sample plan is based on the student beginning at least at the level of MATH 2100: Calculus I.*