HALMOS COLLEGE OF NATURAL SCIENCES AND OCEANOGRAPHY SAMPLE FOUR YEAR CURRICULUM | 2025-2026 CATALOG

Bachelor of Science - Chemistry: Biochemistry Track

	Freshm	nan 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
	Sophom	nore 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
	Junio	r 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 240E Pionbysoical Chamistury / Lab			
CHEM 3405 Biophysical Chemistry/Lab	4	CHEM 3760 Biochemistry II	3
CHEM 3660 Biochemistry I/Lab	4	Major Elective	3
± •		Major Elective Open Elective	3 3
CHEM 3660 Biochemistry I/Lab Open Elective	4	Major Elective Open Elective Open Elective	3
CHEM 3660 Biochemistry I/Lab	4 3 15	Major Elective Open Elective Open Elective Total Credits	3 3
CHEM 3660 Biochemistry I/Lab Open Elective Total Credits	4 3 15	Major Elective Open Elective Open Elective Total Credits or Year	3 3 3
CHEM 3660 Biochemistry I/Lab Open Elective Total Credits Fall	4 3 15 Senio	Major Elective Open Elective Open Elective Total Credits or Year Winter	3 3 3 15
CHEM 3660 Biochemistry I/Lab Open Elective Total Credits Fall Course	4 3 15 Senio	Major Elective Open Elective Open Elective Total Credits or Year Winter Course	3 3 3 15 <u>Credits</u>
CHEM 3660 Biochemistry I/Lab Open Elective Total Credits Fall Course CHEM 4005 Inorganic Chemistry I	4 3 15 Senio Credits 3	Major Elective Open Elective Open Elective Total Credits or Year Winter Course CHEM 4101 Senior Chemistry Seminar	3 3 3 15 <u>Credits</u>
CHEM 3660 Biochemistry I/Lab Open Elective Total Credits Fall Course CHEM 4005 Inorganic Chemistry I Major Elective	4 3 15 Senio Credits 3 3	Major Elective Open Elective Open Elective Total Credits or Year Winter Course CHEM 4101 Senior Chemistry Seminar Major Elective	3 3 3 15 <u>Credits</u> 1 3
CHEM 3660 Biochemistry I/Lab Open Elective Total Credits Fall Course CHEM 4005 Inorganic Chemistry I Major Elective Open Elective	4 3 15 Senio Credits 3 3 3	Major Elective Open Elective Open Elective Total Credits or Year Winter Course CHEM 4101 Senior Chemistry Seminar Major Elective Open Elective	3 3 3 15 Credits 1 3 3
CHEM 3660 Biochemistry I/Lab Open Elective Total Credits Fall Course CHEM 4005 Inorganic Chemistry I Major Elective Open Elective Open Elective Open Elective	4 3 15 Senio Credits 3 3 3 3	Major Elective Open Elective Open Elective Total Credits or Year Winter Course CHEM 4101 Senior Chemistry Seminar Major Elective Open Elective Open Elective	3 3 3 15 Credits 1 3 3 3 3
CHEM 3660 Biochemistry I/Lab Open Elective Total Credits Fall Course CHEM 4005 Inorganic Chemistry I Major Elective Open Elective	4 3 15 Senio Credits 3 3 3	Major Elective Open Elective Open Elective Total Credits or Year Winter Course CHEM 4101 Senior Chemistry Seminar Major Elective Open Elective	3 3 3 15 <u>Credits</u> 1 3 3

TOTAL CREDITS 120

NOTES:

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