

Biochemistry, B.S.

College of Science and Mathematics

Year 1 - Fall (16 credits)	Credits	Year 1 - Spring (15 credits)	Credits
MATH 1113 or Higher [A2]	3	MATH 1190: Calculus I [D1]	4
CHEM 1211: General Chemistry I [D2]	3	CHEM 1212: General Chemistry II [D2]	3
CHEM 1211L: General Chemistry I Lab [D2]	1	CHEM 1212L: General Chemistry II Lab [D2]	1
ENGL 1101: Composition I [A1]	3	BIOL 1107: Principles of Biology I	3
Free Elective (1 of 4)	3	BIOL 1107L: Principles of Biology I Lab	1
General Education – Cultural Perspectives [B2]	3	ENGL 1102: Composition II [A1]	3
Total	16	Total	15
Year 2 - Fall (15 credits)	Credits	Year 2 - Spring (14 credits)	Credits
MATH 2202: Calculus II	4	CHEM 3362: Organic Chemistry II	3
CHEM 3361: Organic Chemistry I	3	CHEM 3362L: Organic Chemistry II Lab	1
CHEM 3361L: Organic Chemistry I Lab	1	CHEM 2800: Quantitative Analytical Chemistry	3
BIOL 1108: Principles of Biology II	3	CHEM 2800L: Quantitative Analytical Chemistry Lab	1
BIOL 1108L: Principles of Biology II Lab	1	POLS 1101: American Government [E1]	3
General Education – US History [E2]	3	General Education – Literature of the World [C1]	3
Total	15	Total	14
Year 3 - Fall (16 credits)	Credits	Year 3 - Spring (14 credits)	Credits
CHEM 3501: Biochemistry I	3	CHEM 3502: Biochemistry II	3
CHEM 3501L: Biochemistry I Lab	1	CHEM 3512L: Biochemistry II Lab	1
BIOL 3300: Genetics	3	PHYS 2211: Principles of Physics I	3
BIOL 3300L: Genetics Lab	1	PHYS 2211L: Principles of Physics I Lab	1
ECON 1000: Contemporary Economic Issues [B1]	2	Upper-Division Supporting Discipline (1 of 2)	3
General Education – Arts and Cultures of the World [C2]	3	Free Elective (3 of 4)	3
Free Elective (2 of 4)	3		
Total	16	Total	14
Year 4 - Fall (16 credits)	Credits	Year 4 - Spring (14 credits)	Credits
CHEM 3601: Physical Chemistry	3	CHEM 3105: Inorganic Chemistry	3
PHYS 2212: Principles of Physics II	3	CHEM 3105L: Inorganic Chemistry Lab	1
PHYS 2212L: Principles of Physics II Lab	1	CHEM 4500K: Methods in Nuc. Acid & Protein Biochem.	4
Upper-Division Supporting Discipline (2 of 2)	3	General Education – Social Sciences [E4]	3
Upper-Division CHEM Elective	3	Free Elective (4 of 4)	3
General Education – World History [E3]	3		
Total	16	Total	14

Program Total: 120 Credit Hours

***Recommended General Education Course †Milestone**

This academic map is a suggested four-year schedule of courses based on degree requirements in the undergraduate catalog. This sample schedule serves as a general guideline to help build a full schedule each term. Missing milestones could delay your program. Also see the current undergraduate catalog for a complete list of requirements, electives, and pre-requisites. This map is not a substitute for academic advisement. Note: Requirements are continually under revision, and there is no guarantee they will not be changed or revoked; contact the department and/or program area for current information.