

Chemistry (BS) (Biochemistry Option)

The following course sequence sheet is for illustrative purposes only and should not be construed as formal academic advisement. Course selections and sequence may vary depending on course availability and counsel from your academic adviser. You should consult an academic adviser before developing an actual academic plan.

Cr.	First Semester	Cr.	Second Semester
4	CHEM.115 Chemistry for Sciences I	4	CHEM.116 Chemistry for Science II
3	MATH.113 Pre-Calculus (if req based on testing)	3	MATH.125 Calculus I
3	General Education Course	3	ENGLISH.101 Found of College Writing
3	General Education Course	3	General Education Course
1	INTSTUDY.100 Optional University Seminar	4	BIOLOGY.271 Cell Biology
3	General Education Course		
17	Total Semester Credits	17	Total Semester Credits
Cr.	Third Semester	Cr.	Fourth Semester
4	CHEM.231 Organic Chemistry I	4	CHEM.232 Organic Chemistry II
3	CHEM.126 Calculus II	3	CHEM.251 Inorganic Chemistry
4	PHYSICS.211 General Physics I	1	CHEM.281 Intro to Chem Literature
3	General Education Course	4	PHYSICS.212 General Physics II
3	INTSTUDY.231 Technical Writing	3	MATH.225 Calculus 3
17	Total Semester Credits	15	Total Semester Credits
Cr.	Fifth Semester	Cr.	Sixth Semester
4	CHEM.341 Biochemistry I	4	CHEM.442 Biochemistry II
4	CHEM.361 Physical Chemistry I	3	Chemistry Elective 1 of 2
1	General Education Course	1	General Education Course
3	Biology Elective	4	BIOLOGY.242 Biology of Microorganisms
3	General Education Course	3	General Education Course
15	Total Semester Credits	15	Total Semester Credits
Cr.	Seventh Semester	Cr.	Eighth Semester
3	CHEM.321 Analytical Chemistry I	3	Free Elective
4	Chemistry Elective 2 of 2	3	General Education Course
3	Free Elective	3	General Education Course
3	General Education Course	3	Free Elective
13	Total Semester Credits	12	Total Semester Credits
TOTAL CREDITS:		121	
Excluding Seminar:		120	