

## 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.

<b>Cr.</b>	<b>First Semester</b>	<b>Cr.</b>	<b>Second Semester</b>
4	CHEM.115 Chemistry for Sciences I	4	CHEM.116 Chemistry for Science II
3	MATH.113 Pre-Calculus (if req based on testing)	4	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
14	Total Semester Credits	18	Total Semester Credits
<b>Cr.</b>	<b>Third Semester</b>	<b>Cr.</b>	<b>Fourth Semester</b>
4	CHEM.231 Organic Chemistry I	4	CHEM.232 Organic Chemistry II
4	MATH.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	General Education Course	4	MATH.225 Calculus 3
18	Total Semester Credits	16	Total Semester Credits
<b>Cr.</b>	<b>Fifth Semester</b>	<b>Cr.</b>	<b>Sixth Semester</b>
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.332 Genetics
3	General Education Course	3	General Education Course
15	Total Semester Credits	15	Total Semester Credits
<b>Cr.</b>	<b>Seventh Semester</b>	<b>Cr.</b>	<b>Eighth Semester</b>
3	CHEM.321 Analytical Chemistry I	3	General Education Course
4	Chemistry Elective 2 of 2	3	General Education Course
3	General Education Course	3	General Education Course
3	General Education Course	3	General Education Course
13	Total Semester Credits	12	Total Semester Credits
TOTAL CREDITS: 120			