

## Chemistry (BA)

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>
3	General Education Course	3	ENGLISH.101 Found of College Writing
3	MATH.113/125 Math	3	MATH.125/126 Math
4	CHEM.115 Chem. Sci I	4	CHEM.116 Chem. Sci. II
3	General Education Course	3	General Education Course
1	University Seminar	3	General Education Course
14	Total Semester Credits	16	Total Semester Credits
<b>Cr.</b>	<b>Third Semester</b>	<b>Cr.</b>	<b>Fourth Semester</b>
4	CHEM.231 Organic I	4	CHEM.232 Organic II
3	MATH.126/225 Math	3	MATH.225 Math or elective
4	PHYSICS.211 Physics I	4	Physics II PHYSICS.212
3	General Education Course	3	CHEM.251 Inorganic Chemistry
3	Comp II ENGLISH.201 (or equivalent)		
17	Total Semester Credits	14	Total Semester Credits
<b>Cr.</b>	<b>Fifth Semester</b>	<b>Cr.</b>	<b>Sixth Semester</b>
4	CHEM.361 Physical Chem I	4	Restricted Elective*
3	CHEM.321 Analytical Chem I	4	Restricted Elective*
3	General Education Course	3	General Education Course
3	General Education Course	3	Elective
3	General Education Course	1	General Education Course
16	Total Semester Credits	15	Total Semester Credits
<b>Cr.</b>	<b>Seventh Semester</b>	<b>Cr.</b>	<b>Eighth Semester</b>
3	Values/Eth/Resp	3	Elective
3	Elective	3	Elective
3	Elective	3	Elective
3	Elective	3	Elective
3	Elective	1	General Education Course
15	Total Semester Credits	13	Total Semester Credits
		120	Total Credits =
			*120 Total Excluding Seminar

Restrictive Electives (two of the following courses are required): CHEM.322 Instrumental Analytical Chemistry,

CHEM.362 Physical Chemistry II, CHEM.341 Biochemistry I, or CHEM.452 Advanced Inorganic, or CHEM.475 The Chemistry Curriculum and the Teaching Laboratory.

General Education Courses and electives may be interchanged with respect to when taken.

All students must take the following:

12 credits Humanities & the Arts

12 credits Social & Behavioral Sciences

12 credits Natural Sciences & Mathematics

Chemistry majors will fulfill the 12 credit Science & Math requirement and do not need to take any extra credits in this area unless they choose to as an elective

2 credits Fitness & Recreational Skills

9 credits Communication

3 credits Quantitative Reasoning (Calc 1 applies to this)

3 credits Values, Ethics & Responsible Decision Making