Major in Chemistry

*Following is **one** suggested four-year degree plan. Students are encouraged to see their adviser each semester for help with program decisions and enrollment. Students are responsible for meeting all course prerequisites.*

See the University Core Curriculum section of this catalog for approved list of course options.

****See Arts and Sciences requirements section of this catalog for approved list of course options.***

BA with a Major in Chemistry

FRESHMAN YEAR

FALL	HOURS
CHEM 1410, General Chemistry or CHEM 1413, Honors General Chemistry**	3
CHEM 1430, Laboratory Sequence for General Chemistry**	1
ENGL 1310, College Writing I*	3
HIST 2610, United States History to 1865*	3
MATH 1650, Pre-Calculus	5
Total	15

FRESHMAN YEAR

SPRING	HOURS
CHEM 1420, General Chemistry, or CHEM 1423, Honors General Chemistry**	3
CHEM 1440, Laboratory Sequence for General Chemistry**	1
ENGL 1320, College Writing II*	3
HIST 2620, United States History Since 1865*	3
Communication**	3
Elective	3
Total	16

SOPHOMORE YEAR

FALL	HOURS
CHEM 2370, Organic Chemistry	3
CHEM 3210, Organic Chemistry Laboratory	1
LANG 2040, Foreign Language (intermediate)**	3
MATH 1710, Calculus I	4
Humanities*	3
Wellness*	3
Total	17

SOPHOMORE YEAR

SPRING	HOURS
CHEM 2380, Organic Chemistry	3
CHEM 3220, Organic Chemistry Laboratory	1
LANG 2050, Foreign Language (intermediate)**	3
MATH 1720, Calculus II	3
Literature**	3
Minor/Elective (advanced)	3
Total	16

JUNIOR YEAR

FALL	HOURS
CHEM 3230, Physical Chemistry Laboratory Sequence, or CHEM (advanced)	1
CHEM 3451, Quantitative Analysis	3
CHEM 3452, Quantitative Analysis Laboratory	1
CHEM 3510, Physical Chemistry, or CHEM (advanced)	3
PSCI 1040, American Government*	3
Minor/Elective (advanced)	3
Social and Behavioral Sciences*	3
Total	17

JUNIOR YEAR

SPRING	HOURS
CHEM 3240, Physical Chemistry Laboratory Sequence and CHEM 3520, Physical Chemistry; or CHEM 3530, Physical Chemistry for Life Science; or CHEM (advanced)	4
PSCI 1050, American Government*	3
Minor/Elective (advanced)	3
Minor/Elective (advanced)	3
Science Elective (advanced)	3
Total	16

SENIOR YEAR

FALL	HOURS
PHYS 1410, General Physics	3
PHYS 1430, General Physics Laboratory	1
CHEM (4000 level), or BIOC 3621/3622, Elementary Biochemistry with Laboratory	3-4
Cross-cultural, Diversity and Global Studies*	3
Natural Sciences*	4
Visual and Performing Arts*	3
Total	17-18

SENIOR YEAR

SPRING	HOURS
PHYS 1420, General Physics II	3
PHYS 1440, General Physics Laboratory II	1
Minor/Elective (advanced)	3
Minor/Elective (advanced)	3
Minor/Elective (advanced)	4
Total	14

Actual degree plans may vary depending on availability of courses in a given semester. Some courses may require prerequisites not listed. ***Students may wish to use opportunities for electives to complete a minor of their choice of secondary education courses for teacher education.***