

## 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 1412, General Chemistry for the University Honors Program, 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	<u>5</u>
Total	15

#### FRESHMAN YEAR

SPRING	HOURS
CHEM 1420, General Chemistry, or CHEM 1422, General Chemistry for the University Honors Program, 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* Communication**	3
Elective	<u>3</u>
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*	<u>3</u>
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)	<u>3</u>
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*	<u>3</u>
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)	<u>3</u>
Total	16

#### SENIOR YEAR

FALL	HOURS
PHYS 1410, General Physics	3
PHYS 1430, General Physics Laboratory	1
CHEM (4000 level), or BIOC 3620, Elementary Biochemistry	3
Cross-cultural, Diversity and Global Studies*	3
Natural Sciences*	4
Visual and Performing Arts*	<u>3</u>
Total	17

#### 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)	<u>4</u>
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.*