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.*

BA with a Major in Chemistry

FRESHMAN YEAR

FALL	HOURS
CHEM 1410, General Chemistry, or CHEM 1412, General Chemistry for the Classic Learning Core or CHEM 1413, Honors General Chemistry[10]	3
CHEM 1430, Laboratory Sequence for General Chemistry	1
ENGL 1310, College Writing I	3
HIST 2610, United States History to 1865[12]	3
MATH 1650, Pre-Calculus[4]	5
Total	15

FRESHMAN YEAR

SPRING	HOURS
CHEM 1420, General Chemistry or CHEM 1422, General Chemistry for the Classic Learning Core or CHEM 1423, Honors General Chemistry[10]	3
CHEM 1440, Laboratory Sequence for General Chemistry	1
ENGL 1320, College Writing II[6]	3
HIST 2620, United States History Since 1865[12]	3
CSCI[1]	3
Oral Communication[2]	3
Total	16

SOPHOMORE YEAR

FALL	HOURS
CHEM 2370, Organic Chemistry	3
CHEM 3210, Organic Chemistry Laboratory[20]	1
ENGL 2210, World Literature I	3
LANG 2040, Foreign Language (intermediate)[3]	3
MATH 1710, Calculus I	4
Wellness[11]	2-3
Total	16-17

SOPHOMORE YEAR

SPRING	HOURS
CHEM 2380, Organic Chemistry	3
CHEM 3220, Organic Chemistry[20]	1
ENGL 2220, World Literature II	3
LANG 2050, Foreign Language (intermediate)[3]	3
MATH 1720, Calculus II	3
Minor/Elective[15, 16]	3
Total	16

JUNIOR YEAR

FALL	HOURS
CHEM 3230, Physical Chemistry Laboratory Sequence	1
CHEM 3450, Quantitative Analysis	4
CHEM 3510, Physical Chemistry[20]	3
ECON 1110, Principles of Macroeconomics	3
PSCI 1040, American Government	3
Minor/Elective[15, 16]	3
Total	17

JUNIOR YEAR

SPRING	HOURS
CHEM 3240, Physical Chemistry Laboratory Sequence	1
CHEM 3520, Physical Chemistry	3
PSCI 1050, American Government	3
Minor/Elective[15, 16]	3
Minor/Elective[15, 16]	3
Science Elective (advanced)	3
Total	16

SENIOR YEAR

FALL	HOURS
PHYS 1410, General Physics	3
PHYS 1430, General Physics Laboratory I	1
Minor/Elective[15, 16]	3
Natural Science	4
Understanding of Ideas and Values[8]	3
Visual and Performing Arts[7]	3
Total	17

SENIOR YEAR

SPRING	HOURS
PHYS 1420, General Physics II	3
PHYS 1440, General Physics Laboratory II	1
Minor/Elective[16]	3
Minor/Elective[16]	3
Minor/Elective[16]	2
Understanding of Ideas and Values[8]	3
Total	15

Actual degree plans may vary depending on availability of courses in a given semester.
Some courses may require prerequisites not listed.
See Arts and Sciences notes in supplement booklet for footnotes.

Supplemental Information for BA with a Major in Chemistry

1. Required courses: CHEM 1410/1430 or 1412/1430 or 1413/1430; 1420/1440 or 1422/1440 or 1423/1440; 2370/3210, 2380/3220, 3230, 3240, 3450, 3510 and 3520, plus 3 additional hours at the 4000 level or BIOC 3620; MATH 1710 and 1720; PHYS 1410/1430, 1420/1440 or 1710/1730, 2220/2240 (required of all students who expect to take further course work in physics).

2. Three hours of advanced electives in science.

3. GPA of 2.5 on all advanced courses attempted in the sciences.