
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 requirements 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* | 3 |
| 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 | 1 |
| CHEM 3450, Quantitative Analysis | 4 |
| CHEM 3510, Physical Chemistry | 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 | 1 |
| CHEM 3520, Physical Chemistry | 3 |
| 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.**
