The minor in chemistry is designed for the student who would like a sound foundation in the theory and laboratory practice of chemistry. It requires six courses in chemistry with their prerequisites and corequisites.

**Minor Requirements**
Complete all courses listed below unless otherwise indicated. Also complete any corequisite labs, recitations, clinicals, or tools courses where specified.

**Required Courses**
Students must take either General Chemistry 1 (CHEM 1211) and General Chemistry 2 (CHEM 1214) or General Chemistry for Science Majors (CHEM 1161).

*Note: Engineering students may take General Chemistry for Engineers (CHEM 1151) in place of General Chemistry 1 (CHEM 1211) and General Chemistry 2 (CHEM 1214) or General Chemistry for Science Majors (CHEM 1161).*

Excluded: Undergraduate Research (CHEM 4901) Junior/Senior Honors Project 1 (CHEM 4970), Junior/Senior Honors Project 2 (CHEM 4971) or other research courses from approved electives.

### Code | Title | Hours
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**General Chemistry**
Choose one option. | | 4-10
*General Chemistry*
CHEM 1211 and CHEM 1212 | General Chemistry 1 and Lab for CHEM 1211 | 
CHEM 1214 and CHEM 1215 | General Chemistry 2 and Lab for CHEM 1214 | 
*Chemistry for Science Majors*
CHEM 1161 and CHEM 1162 | General Chemistry for Science Majors and Lab for CHEM 1161 | 
*Chemistry for Engineers*
CHEM 1151 | General Chemistry for Engineers | 
or other Chemistry and Chemical Biology approved course

### Organic Chemistry
CHEM 2311 and CHEM 2312 | Organic Chemistry 1 and Lab for CHEM 2311 | 5
CHEM 2313 and CHEM 2314 | Organic Chemistry 2 and Lab for CHEM 2313 | 5

### Analytical Chemistry
CHEM 2321 and CHEM 2322 | Analytical Chemistry and Lab for CHEM 2321 (Analytical Chemistry) | 5

### Physical Chemistry
CHEM 3431 and CHEM 3432 | Physical Chemistry and Lab for CHEM 3431 | 5
*Engineering students may substitute the following course:*
CHME 2320 | Chemical Engineering Thermodynamics | 1

### Advanced Lab
Complete one of the following: | | 5

**GPA Requirement**
2.000 GPA required in the minor