

# CHEMISTRY MINOR

The minor in chemistry allows majors in other fields to complete a significant portion of the coursework required for the chemistry major. It allows the flexible selection of coursework from the traditional subdisciplines of organic, inorganic, physical, and analytical chemistry.

Course	Title
<b>Prerequisites</b>	
CHEM 132-0 & CHEM 142-0 or CHEM 152-0 & CHEM 162-0 or CHEM 172-0 & CHEM 182-0	General Chemistry 2 and General Chemistry Laboratory 2 Accelerated General Chemistry 2 and Accelerated General Chemistry Laboratory 2 Advanced General Physical Chemistry and Advanced General Physical Chemistry Laboratory or equivalent

Chemistry courses at the 300 level may have additional chemistry, physics, and/or mathematics prerequisites.

### Minor Requirements (6 units plus additional units for required labs)

Six 200- or 300- level lecture courses <sup>1</sup>

<sup>1</sup> Exclusive of CHEM 201-0 Chemistry of Nature and Culture, CHEM 398-0 Undergraduate Seminar, or CHEM 399-0 Independent Study.

- Life science majors and premedical students are advised to take:

Course	Title
CHEM 210-1 & CHEM 210-2 & CHEM 210-3 & CHEM 230-2 & CHEM 230-3 or CHEM 212-1 & CHEM 212-2 & CHEM 212-3 & CHEM 232-1 & CHEM 232-2	Organic Chemistry and Organic Chemistry and Organic Chemistry and Organic Chemistry Lab I and Organic Chemistry Lab II Organic Chemistry and Organic Chemistry and Organic Chemistry and Organic Chemistry Laboratory I and Organic Chemistry Laboratory II

3 additional courses

- Physical science majors are advised to take:

Course	Title
CHEM 342-1 & CHEM 342-2 & CHEM 342-3	Thermodynamics and Quantum Mechanics and Spectroscopy and Kinetics and Statistical Thermodynamics

3 additional courses

- Students with interests in materials science, earth and planetary science, or environmental science should take:

Course	Title
CHEM 210-1 & CHEM 210-2 & CHEM 230-2 & CHEM 333-0	Organic Chemistry and Organic Chemistry and Organic Chemistry Lab I and Inorganic Chemistry

3 additional courses

- Other programs for the minor may be designed with departmental approval to suit individual needs; interested students should contact the director of undergraduate studies in chemistry.