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
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CHEM 132-0 & CHEM 142-0 | Fundamentals of Chemistry II and Fundamentals of Chemistry Laboratory II
or CHEM 152-0 & CHEM 162-0 | General Chemistry II and General Chemistry Laboratory II
or CHEM 172-0 & CHEM 182-0 | 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 full-credit courses

1 Exclusive of CHEM 201-0 Chemistry of Nature and Culture, CHEM 398-0 Undergraduate Seminar, CHEM 399-0 Independent Study, or all 0.34-credit lab courses.

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

  Course | Title
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  3 additional Chemistry courses

- Physical science majors are advised to take:

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

  3 additional Chemistry courses

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

  Course | Title
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  CHEM 215-1 & CHEM 235-1 | Organic Chemistry I and Organic Chemistry Lab I
  CHEM 215-2 & CHEM 235-2 | Organic Chemistry II and Organic Chemistry Lab II
  CHEM 333-0 | Inorganic Chemistry

  3 additional Chemistry 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. (https://www.chemistry.northwestern.edu/undergraduate/programs/advising-research.html)