

CHEMISTRY MINOR

Program Requirements

Code	Title	Credits
Required Courses		
CHM-1310 & 1310Z	General Chemistry I and General Chemistry I Laboratory	4
CHM-1320 & 1320Z	General Chemistry II and General Chemistry II Laboratory	4
CHM-2410 & 2410Z	Organic Chemistry I and Organic Chemistry I Laboratory	4
CHM-2420 & 2420Z	Organic Chemistry II and Organic Chemistry II Laboratory	4
Selected Courses		
Students must choose at least four semester hours offered in the chemistry program at the 2000-level or above.		4
Total Credits		20

- Communicate application of chemistry topics through writing assignments such as lab reports, proposal writing, white paper, and public communication infographics
- Communicate application of chemistry topics through oral presentations
- Communicate application of chemistry topics through collaborative projects with diverse team members

Regulations Governing Minors

- Minors at Aurora University are optional. They are not required for graduation.
- A minor shall comprise a minimum of 18 semester hours.
- At least 25% of the credits applied to a minor must be earned at AU.
- Each minor must be developed and monitored by an approved program committee of the faculty; new or substantially revised minors require the approval of the Board of Trustees based on recommendations from the program committee, the appropriate school/college governance bodies, the Academic Dean, appropriate university governance bodies, the Chief Academic Officer, and the President.
- Beyond the minimum coursework requirement, the content, structure, and extent of a minor are prerogatives of the individual program committees within the schools and colleges of the university, except as otherwise defined or restricted by the academic regulations.
- No "D" will apply toward minors.
- A maximum of four (4) semester hours of credit/no credit coursework will apply toward a minor.

Learning Outcomes

The Chemistry minor includes two outcomes to address conceptual knowledge and communication skills as they pertain to the chemical sciences.

- Students will demonstrate understanding and application of conceptual and theoretical knowledge of foundational areas of chemistry.
 - Understand and apply basic concepts of general chemistry such as matter, atomic structure, hybridization, thermodynamics, chemical reactions, kinetics, acid and base, and redox chemistry
 - Understand and apply basic concepts of organic chemistry such as functional groups, bonding, reaction types, mechanisms, synthesis, and spectroscopy
 - Understand experimental design
- Students will demonstrate science communication skills.