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**

Regulations Governing Minors

a. Minors at Aurora University are optional. They are not required for graduation.
b. A minor shall comprise a minimum of 18 semester hours.
c. At least 25% of the credits applied to a minor must be earned at AU.
d. 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.
e. 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.
f. No "D" will apply toward minors.
g. 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.

1. 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
2. Students will demonstrate science communication skills.
    - 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