Chemistry, Minor

ASCHMMIN

Do you want to add an extra level of knowledge and understanding to your degree? This program offers you valuable insight applicable to many STEM fields.

Description

The minor program in chemistry offered by the School of Mathematical and Natural Sciences gives students expanded proficiency in the area of chemistry. The program's additional biochemistry and analytical chemistry courses give students more experience in the advanced and integrative fields of chemistry.

Many of the growing career fields, such as forensic sciences, medicine and environmental quality, require a greater amount of chemistry than in the past. Therefore, students with a stronger chemistry background have a competitive advantage in these fields, and this chemistry minor highlights that expanded chemistry knowledge for students' future schools and employers.

At a Glance

- College/School: New College of Interdisciplinary Arts and Sciences
- Location: West Valley

Program Requirements

2023 - 2024 Minor Map
Minor Map (Archives)

The minor in chemistry consists of 18 credit hours. A minimum of nine credit hours must be taken through the School of Mathematical and Natural Sciences. All courses used to satisfy requirements for the minor must be passed with a "C" (2.00) or better.
Course List -- 18 credit hours

BCH 341: Physical Chemistry with a Biological Focus (3)
BCH 371: Modern Concepts in Biochemistry (3)
BCH 372: Modern Concepts in Biochemistry Laboratory (1)
CHM 113: General Chemistry I (SQ) (4)
CHM 116: General Chemistry II (SQ) (4)
CHM 233: General Organic Chemistry I (3)
CHM 237: General Organic Chemistry Laboratory I (1)
CHM 234: General Organic Chemistry II (3)
CHM 238: General Organic Chemistry Laboratory II (1)
CHM 302: Environmental Chemistry (3)
FOR 401: Forensic Toxicology (3)
FOR 425 / LSC 425: Analytical Chemistry for Life Sciences (3)
FOR 426 / FOR 426: Analytical Chemistry for Life Sciences Lab (2)
FOR 494: Forensic Chemistry Lab (1)
PTX 301: Basics of Pharmacology and Toxicology (3)
PTX 475: Principles of Toxicology (3)

Prerequisite courses may be needed in order to complete the requirements of this minor.

Enrollment Requirements

GPA Requirement: None

Incompatible Majors: BA and BS in environmental science; BS in biology (pharmacology/toxicology);
BS in biology (environmental science); BS in forensic science; BS in pharmacology and toxicology

Other Enrollment Requirements: None

Current ASU undergraduate students may pursue a minor and have it recognized on their ASU transcript
at graduation. Minor requirements appear on the degree audit once the minor is added. Certain major and
minor combinations may be deemed inappropriate by the college or department of either the major
program or the minor. Courses taken for the minor may not count toward both the major and minor.

Career Opportunities

Students with a minor in chemistry are employed in a variety of fields and are well suited in positions
such as laboratory technician, research assistant, environmental scientist, technical advisor, science
communication professional, hazard communication, chemical education and consultancy.

Contact Information