

CHEMISTRY (MINOR)

Minor: Chemistry
Program Code: M410

About This Minor. . .

Chemistry can be described as the systematic study of matter in the universe. It is often referred to as the “central science” in that it acts as the connection between many other disciplines including physics, biology, engineering, earth science, environmental science and medicine.

As such, a strong background in chemistry is a wonderful complement to many other majors. A chemistry minor should be considered by any student who is interested in a career in science, medicine, patent law, forensics, or technical sales.

Institutional Minor Requirements

The following institutional requirements apply to all CMU minors. Specific programs may have different requirements that must be met in addition to institutional requirements.

- A minor consists of 15-24 semester hours. There may be prerequisites required for the minor which will increase the total number of credit hours for a student who has not already taken those prerequisites.
- Courses taken to satisfy Essential Learning, major requirements, or electives **can** be counted toward the minor if applicable.
- At least 33 percent of the credit hours required for the minor must be in courses numbered 300 or above.
- At least 25 percent of the classes must be taken at CMU.
- 2.00 cumulative GPA or higher for the courses used for the minor.
- A minor is not a degree by itself and must be earned at the same time as a baccalaureate degree.
- A minor must be outside the major field of study.
- A student may earn up to five minors with any baccalaureate degree at CMU.
- The Catalog Year determines which program sheet and degree requirements a student must fulfill in order to graduate. Visit with your advisor or academic department to determine which catalog year and program requirements sheet you should follow.
- See “Requirements for Undergraduate Degrees and Certificates” in the catalog for a complete list of graduation requirements.

Program Specific Minor Requirements

(24 semester hours)

Code	Title	Semester Credit Hours
Required Courses		
CHEM 131	General Chemistry I-GTSC1	4
CHEM 131L	General Chemistry Laboratory I-GTSC1	1
CHEM 132	General Chemistry II-GTSC1	4
CHEM 132L	General Chemistry Laboratory II-GTSC1	1
CHEM 311	Organic Chemistry I	4
CHEM 311L	Organic Chemistry I Laboratory	1
Total Semester Credit Hours		15

Code	Title	Semester Credit Hours
Restricted Electives		
Choose 9 semester hours of upper division chemistry courses ¹		9
<i>Laboratory Courses</i>		
CHEM 301L	Analytical Chemistry Laboratory	
CHEM 312L	Organic Chemistry II Laboratory	
CHEM 315L	Biochemistry Laboratory	
CHEM 397	Structured Research	
CHEM 431L	Instrumental Analysis Laboratory	
CHEM 487	Formal Research	
Total Semester Credit Hours		9

¹ At least one semester hour must be a laboratory course from the provided list. No more than one semester hour can be from research courses (CHEM 397 or CHEM 487).

Advising Process and DegreeWorks

Documentation on the pages related to this program is intended for informational purposes to help determine what courses and associated requirements are needed to earn a minor. Meeting with an academic advisor is essential in planning courses and developing a suggested course sequencing. It is ultimately the student’s responsibility to understand and fulfill the requirements for her/his intended minor.

DegreeWorks is an online degree audit tool available in MAVzone. It is the official record used by the Registrar’s Office to evaluate progress towards a minor. Students are responsible for reviewing their DegreeWorks audit on a regular basis and should discuss questions or concerns with their advisor or academic department head for the minor. Discrepancies in requirements should be reported to the Registrar’s Office.

Graduation Process

A minor cannot be awarded by itself. It must be combined with a baccalaureate degree outside the major field of study. Students should follow the graduation process outlined for the baccalaureate degree and list their majors and minors on the “Intent to Graduate” form.

If a student’s petition for graduation is denied, it will be her/his responsibility to consult the Registrar’s Office regarding next steps.