



Twin Cities Campus

Chemistry Minor

Chemistry

College of Science and Engineering

Link to a [list of faculty](#) for this program.

Contact Information:

Assistant to the Director of Graduate Studies, Department of Chemistry, University of Minnesota, 137 Smith Hall, 207 Pleasant St SE, Minneapolis, MN 55455 (612-626-7444 or 1-800-777-2431; fax: 612-626-7541)

Email: chmapply@umn.edu

Website: <http://www.chem.umn.edu>

- Program Type: Graduate minor related to major
- Requirements for this program are current for Spring 2018
- Length of program in credits (Masters): 6
- Length of program in credits (Doctorate): 12
- This program does not require summer semesters for timely completion.

Along with the program-specific requirements listed below, please read the [General Information](#) section of the catalog website for requirements that apply to all major fields.

While modern research in chemistry is very interdisciplinary, graduate work in the Department of Chemistry falls broadly into the focus areas of analytical chemistry, chemical biology, environmental chemistry, inorganic chemistry, materials chemistry, organic chemistry, polymer chemistry, experimental physical chemistry, and computational chemistry.

Program Delivery

This program is available:

- via classroom (the majority of instruction is face-to-face)

Prerequisites for Admission

For an online application or for more information about graduate education admissions, see the [General Information](#) section of the catalog website.

Program Requirements

Use of 4xxx courses towards program requirements is not permitted.

Courses

Any 8xxx-level CHEM course taken on the A-F grading basis will satisfy the requirements for the minor. The following 5xxx-level courses will be accepted. Consult with the chemistry director of Graduate Studies for further options.

[CHEM 5210](#) - Materials Characterization (4.0 cr)

[CHEM 5755](#) - X-Ray Crystallography (4.0 cr)

Program Sub-plans

Students are required to complete one of the following sub-plans.

Students may not complete the program with more than one sub-plan.

Masters

Six credits from CHEM courses at the 5xxx- or 8xxx-level are required.

Doctoral

Twelve credits from CHEM courses at the 5xxx- or 8xxx-level are required.