

CHEMISTRY M.S. - ORGANIC CHEMISTRY

General Graduate Program Requirements

Graduate School policies and standards can be found on the Graduate School Policies page (<https://catalog.umt.edu/graduate/school-policies/>).

The minimum GPA for any graduate program is 3.0. Individual programs may require more than a 3.0 to remain in good standing.

The minimum grade for a course to be accepted toward any requirement is C. Individual programs may require higher grades for specific courses.

MASTER OF SCIENCE - CHEMISTRY; ORGANIC CHEMISTRY CONCENTRATION

Requirements

- 18 credits must be traditional letter-grade courses, which is usually 6 courses at the 500 level
- At least 9 of the 18 credits must be in 500-level letter-graded courses.
- Up to 9 of the 18 credits may be in letter-graded courses in a non-chemistry focus area such as education, journalism, or business. These 9 credits taken outside the Department of Chemistry and Biochemistry must be approved by the advisory committee and the Graduate Education Committee.
- 20 of the 36 total credits must be in Chemistry (CHMY). Seminar, research, and professional paper credits at the 500- and 600-level and approved transfer credits can be included in this total. The Department and student's advisory committee may require more than the minimum Graduate School requirements.
- All graduate students will register for CHMY 630 every semester. Attending departmental research seminars is integral to a student's education and allows the student a chance to learn about areas of science outside of their research area. Attendance of these seminars is mandatory unless excused by the faculty member responsible for organizing the seminar. The method of grading this class is the choice of the faculty member organizing the seminar.

Course Requirements

| Code | Title | Hours |
|--|---|-------|
| Core Requirements | | |
| Complete all of the following courses: | | |
| CHMY 501 | Teaching University Chemistry (completed the first fall semester) | 1 |
| CHMY 630 | Seminar | 6 |
| CHMY 640 | Introductory Graduate Seminar (completed the first fall semester) | 1 |
| CHMY 650 | Graduate Chemistry Seminar (completed in the first two spring semesters, 1 each semester) | 2 |
| Organic Chemistry Requirements | | |
| Complete all of the following courses: | | |
| CHMY 420 | Chemoinformatics | 3 |
| CHMY 465 | Organic Spectroscopy | 3 |
| CHMY 562 | Organic Structure and Mechanisms | 3 |

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| Electives | | |
| Complete 9 credits of graduate-level courses chosen in consultation with your advisor. | | 9 |
| Research/Thesis | | |
| Complete 8 credits of the following courses: | | 8 |
| CHMY 590 | Research | |
| CHMY 599 | Thesis/Professional Project | |
| Total Hours | | 36 |