CHEMISTRY M.S. - PHYSICAL 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 master's or doctoral requirement is C. The minimum grade for a course to be accepted toward a certificate program is B-. Individual programs may require higher grades for specific courses.

Master of Science - Chemistry; Physical 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
Physical Chemistry Requirements		
Complete all of the following courses:		
CHMY 420	Chemoinformatics	3
CHMY 562	Organic Structure and Mechanisms	3
CHMY 568	Organometallic Chemistry	3
Electives		
Complete 9 credits of graduate-level courses chosen in cosultation 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**