

# CHEMISTRY M.S. - PHYSICAL CHEMISTRY

CHMY 599 Thesis

Total Hours

36

Minimum Required Grade: C

## Master of Science - Chemistry; Physical Chemistry Concentration

Degree Specific Credits: 36

Required Cumulative GPA: 3.0

### 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
<b>Core Requirements - Complete all of the following courses:</b>		
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
<b>Physical Chemistry Requirements - Complete all of the following courses:</b>		
CHMY 420	Chemoinformatics	3
CHMY 562	Organic Structure and Mechanisms	3
CHMY 568	Organometallic Chemistry	3
<b>Electives</b>		<b>9</b>
Complete 9 credits of graduate-level courses chosen in consultation with your advisor.		
<b>Research/Thesis - Complete 8 credits of the following courses:</b>		<b>8</b>
CHMY 597	Research	