

# CHEMISTRY, M.S.

---

## Learning Outcomes

- Masters students in Chemistry will Identify and conduct research scholarship or creative endeavors.
- M.S. students in Chemistry will effectively communicate in their field of study through oral and written components.
- M.S. students in Chemistry will critically and creatively solve problems in their field of study.
- Masters students in Chemistry will conduct ethical research in a responsible manner.
- Masters students in Chemistry will demonstrate attributes of professional development consistent with expectations within their field of study.

## Degree Requirements (30 Hours)

### Coursework

A candidate for the M.S. degree, while earning a minimum of 30 hours of course work beyond the baccalaureate degree, must complete the following:

#### Five 700-Level Courses

CHEM 701, CHEM 790, CHEM 791, CHEM 898, and CHEM 899 may not be used to satisfy this requirement.

#### Two Semesters of Thesis Research

Course	Title	Credits
CHEM 790	Introduction to Research	3
CHEM 791	Introduction to Research	3
<b>Total Credit Hours</b>		<b>6</b>

#### Present One Divisional Seminar

Course	Title	Credits
CHEM 701	Seminar	1
<b>Total Credit Hours</b>		<b>1</b>

#### Six Hours (minimum) of the Following

Course	Title	Credits
CHEM 898	Research in Chemistry II	6
<b>Total Credit Hours</b>		<b>6</b>

Note: The student must complete a Comprehensive Assessment. The Comprehensive Assessment is a combined oral and written exam which consists of a description of the thesis research progress to date and future plans.

Detailed departmental degree requirements are outlined in the Department of Chemistry and Biochemistry's Graduate Student Handbook, which is available on the website. An electronic copy can be requested from the graduate director.