

CHEMISTRY - MASTER OF SCIENCE (MS)

The master's degree in this field is not available through direct admission and may only be earned under special circumstances. Please contact program for additional information and requirements.

Requirements

Language Requirement

The department does not require foreign language proficiency for the master's degree.

Examinations

Administration of preliminary examinations varies, depending on students' entering field. Candidates opting for MS Plan I must pass a master's thesis defense examination at the time they complete their work. MS Plan II does not require a final oral examination.

Required Courses and Credits

There are two methods of obtaining a master's degree from the Department of Chemistry and Biochemistry. Both plans are available only with departmental approval.

Plan I: Thesis

This plan requires 30 credits, including 15 credits of formal coursework, 15 credits in research/seminar courses, the completion of a research investigation and the presentation of a thesis.

Plan II: Research Report

This plan requires 30 credits, including 21 credits of formal coursework plus 9 credits of research/seminar and presentation of a research report, but no thesis.

Learning Outcomes

By the completion of the program, student will be able to:

- Demonstrate familiarity with the core theoretical frameworks utilized within the chemistry subdiscipline (PCHEM/ ANYL/ MN /ORG).
- Effectively engage with undergraduate students.
- Effectively communicate and present research to academic audiences in both written and oral form.