CHEMISTRY (M.S.)

https://ceps.unh.edu/chemistry/chemistry-ms

Description

The M.S. program provides students with the opportunity to develop a high degree of proficiency in a specialized research area. The program serves as a stepping stone to jobs in industry, graduate school, professional school, teaching careers, or for those who would like to strengthen their Chemistry knowledge. All students take coursework, carry out original research with a faculty mentor, and submit a thesis. The program has a focus on developing strong writing and oral communication skills. Financial support is typically available through a teaching assistantship.

Requirements

M.S. Degree Requirements

• Demonstration of a broad understanding of undergraduate chemistry by passing a series of basic examinations or satisfactory performance in approved courses.
• Student must present a total of 30 credits for completion of the MS program. These 30 credits are as follows:
  • 20+ course credits, at least 8 credits of which must be in courses numbered 900 or above.
  • Satisfactory performance in at least three path-specific (analytical, inorganic, organic, or physical) courses, which is a portion of the 20+ course credits required.
  • 6 to 10 credits of CHEM 899 Thesis/Problems as required by the program
• Student must maintain a GPA of 3.0 to graduate from the MS program
• Mandatory attendance at Department Seminars and Research Lunch Talks.
• Satisfactory presentation of a Research Progress Report in the second year of residence.
• Preparation, public presentation, and oral defense of a written thesis.

Thesis Mentor and Committee

Students select a thesis mentor during the first semester in the program after interviewing at least three faculty members. During each semester thereafter, students conduct independent research under the supervision of this faculty member. In the second year of residence and before the Research Progress Report a committee is selected. This committee evaluates the student’s Research Progress Report and Thesis defense.