CHEMISTRY, M.S.

For further information: ChemistryGrad@southernct.edu

Application Deadline
Rolling Admissions

Master of Science Degree in Chemistry

The Master of Science program in chemistry offers students the opportunity to complete graduate studies in analytical chemistry, biochemistry, inorganic chemistry, environmental chemistry, organic chemistry, or physical chemistry. Course work in the program, except in unusual circumstances, cannot begin until the student has an undergraduate grade point average of 3.0 or higher. The Master of Science degree in chemistry requires completion of a total of 30 credits (or approximately 10 courses) with a "B" or better average.

Master's Thesis Track

The thesis track requires the completion of the six graduate chemistry courses (18 credits) and a thesis (CHE 588, CHE 589, CHE 590, CHE 591) based on experimental research acceptable to the department. Students must complete the thesis courses in sequence. A student must apply to the department for the thesis defense and provide a final draft of the completed thesis at least two weeks prior to the defense date.

Comprehensive Examination Track

Students are required to complete 30 graduate credits (ten courses) and pass a comprehensive examination. The comprehensive examination is designed to test the student's knowledge of the various areas of chemistry studied while pursuing the master's program. The comprehensive examination is given once or twice a year depending on need.

Program Sequence - 30 Credits

As sequencing changes, it is highly recommended that students meet with their program advisor to finalize a list of requirements for graduation.

Choose One of the Following:

Master Thesis Track

A total of 18 credits in graduate level Chemistry required, in addition to the thesis track courses listed below.

CHE 588 – Scientific Writing and Research Methods – 3 credits
CHE 589 – Research Thesis Proposal – 3 credits
CHE 590 – Research – 3 credits
CHE 591 – Research Thesis – 3 credits

Comprehensive Examination Track
A total of 30 credits in graduate level Chemistry required.
*A comprehensive exam is also required.