The Department of Chemistry offers graduate programs leading to the Master of Science in chemistry. The purpose of the master’s program in chemistry is to present a rigorous approach to modern chemical theories and research.

The student and advisor determine the composition of the program of study with the approval of the graduate committee. All candidates for the Master of Science are required to submit proof of their ability to do independent work. Normally, this proof takes the form of a research thesis. Additional coursework may be substituted if the student has previously demonstrated research proficiency commensurate with a master’s degree as judged by the graduate committee.

Assistantships

Teaching assistantships requiring a maximum of nine hours of laboratory instruction per week are available. The stipend for a 9 to 12 month appointment is supplemented by tuition remission for graduate coursework. Appointment as a teaching assistant requires fluency in spoken English. Research assistantships in selected areas are sometimes available.

Master of Science in Chemistry (CHM)

A minimum of 30 semester hours of graduate coursework is required for the Master of Science. This includes 21-24 semester hours of coursework and 6-9 hours of research. The student and advisor determine the composition of the program of study with the approval of the graduate committee. All candidates for the Master of Science are required to submit proof of their ability to do independent work. Normally, this proof takes the form of a research thesis. Additional coursework may be substituted if the student has previously demonstrated research proficiency commensurate with a Master's degree as judged by the graduate committee.

Non-Thesis Option

CHM 541  Topics in Physical Chemistry  3
CHM 515  Analytical Chemistry  4
CHM 512  Intermediate Organic Chemistry  3
CHM 517  Inorganic Chemistry  3
Select four courses from:  12
CHM 550  Special Topics in Organic Chemistry
CHM 544  Coordination Chemistry
CHM 546  Special Topics in Modern Analytical Chemistry
CHM 539  Special Topics in Physical Chemistry
CHM 552  General Biochemistry II
Electives  6
Total Hours  31