M.S. in Chemistry

Degree Requirements
A minimum of 30 degree credits is required. Students must attain a cumulative GPA of 3.0 or better in the core courses listed below, and a minimum overall GPA of 3.0.

Seminar: In addition to the minimum 30 degree credits required, all students who receive departmental or research-based awards must enroll each semester in CHEM 791 Graduate Seminar.

M.S. in Chemistry (courses only)

Core Courses
CHEM 605  Advanced Organic Chemistry I: Structure  3
CHEM 661  Instrumental Analysis Laboratory  3
or CHEM 664
CHEM 610  Advanced Inorganic Chemistry  3
or CHEM 673  Biochemistry
CHEM 658  Advanced Physical Chemistry  3

Elective Courses
Two 600- or 700-level chemical engineering or chemistry courses  6
Four electives 1  12

Total Credits  30

1  A maximum of 6 elective credits may be taken from outside chemistry or chemical engineering; a maximum of 3 credits may be at the 500 level.

M.S. in Chemistry (Master's thesis)

Core Courses
CHEM 605  Advanced Organic Chemistry I: Structure  3
CHEM 661  Instrumental Analysis Laboratory  3
or CHEM 664
CHEM 610  Advanced Inorganic Chemistry  3
or CHEM 673  Biochemistry
CHEM 658  Advanced Physical Chemistry  3

Thesis 1
CHEM 701  Master's Thesis  6

Elective Courses 2
Four electives  12

Total Credits  30

1  Required of those receiving departmental or research-based support.
2  A maximum of 6 elective credits may be taken from outside chemistry or chemical engineering; a maximum of 3 credits may be at the 500 level.