

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	Advanced Analytical Chemistry	
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	Advanced Analytical Chemistry	
CHEM 610	Advanced Inorganic Chemistry	3
or CHEM 673	Biochemistry	
CHEM 658	Advanced Physical Chemistry	3

Thesis ¹

CHEM 701	Master's Thesis	6
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Elective Courses ²

Four electives	12
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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.