

# M.S. in Chemistry

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## 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)

Code	Title	Credits
<b>Core Courses</b>		
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
<b>Elective Courses</b>		
Two 600- or 700-level chemical engineering or chemistry courses		6
Four electives <sup>1</sup>		12
Total Credits		30

<sup>1</sup> 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)

Code	Title	Credits
<b>Core Courses</b>		
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
<b>Thesis <sup>1</sup></b>		
CHEM 701	Master's Thesis	6
<b>Elective Courses <sup>2</sup></b>		
Four electives		12
Total Credits		30

<sup>1</sup> Required of those receiving departmental or research-based support.

<sup>2</sup> 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.