

CHEMISTRY

CHEM 561	Advanced Physical Chemistry	4
CHEM 599	Thesis Research	1-12

Requirements

Master of Chemistry (p. 1)

Master of Science Chemistry (p. 1)

Master of Chemistry Degree Requirements

- 48 credit hours of course work as approved by the student's academic advisor.
- At least 32 credit hours must be upper-level CHEM courses (CHEM4xx or CHEM5xx).
- At least 36 credit hours must be graduate-level courses (5xx from any department, or 4xx-level Mathematics which have been approved by the student's advisory committee.) Thus no more than 12 credit hours may be 4xx level.

CHEM Graduate Course Offerings

Code	Title	Hours
CHEM 530	Advanced Biochemistry	4
CHEM 531	Biochemical Instrumentation	4
CHEM 532	Biochemical Pharmacology	4
CHEM 545	Organometallic Chemistry	4
CHEM 552	Synthetic Organic Chemistry	4
CHEM 554	Theoretical Organic Chemistry	4
CHEM 555	Natural Products	4
CHEM 561	Advanced Physical Chemistry	4
CHEM 599	Thesis Research	1-12

Master of Science in Chemistry Requirements

1. 48 credit hours, 36 credit hours of course work as approved by the student's advisory committee.
2. At least 24 credit hours must be upper-level CHEM courses (CHEM4xx or CHEM5xx)
3. At least 24 credit hours must be at the 5xx level, thus, no more than 12 credit hours of 400-level classes can count toward the MSCHEM degree.
4. 12 credit hours of thesis work (the Institute's non-thesis option is not permitted for the MSCHEM degree).
5. Successful defense of thesis.
6. Acceptance of a technical article for publication and/or for conference presentation with the major professor included as a named author.

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CHEM 545	Organometallic Chemistry	4
CHEM 552	Synthetic Organic Chemistry	4
CHEM 554	Theoretical Organic Chemistry	4
CHEM 555	Natural Products	4