

Executive Action: Add Accelerated MS in Chemistry option for students in the Chemistry B.S., Chemistry B.A., or Biochemistry B.S. programs.

Rationale

Many students in the undergraduate Chemistry programs would benefit from having a master's degree before going to graduate or professional school or searching for a job; however, these students are often reluctant to spend two additional years in school, and they are unable or unwilling to pay for this amount of additional schooling. The Accelerated MS in Chemistry option will allow students to obtain an MS degree in one extra year, minimizing costs and reducing the overall course load by sharing credit for three courses between undergraduate and MS degrees. This will provide students the benefits of a rigorous thesis-based MS degree with a time frame and cost that are acceptable to them.

Admission Requirements

(i) Early Admission - Applicants must meet all of the following Graduate School requirements:

- A minimum undergraduate cumulative GPA of 3.25
- Must have completed at least 15 credit hours of Chemistry or Biochemistry major
- Must have completed a minimum of 60 hours of undergraduate course credit

(ii) Admission to MS graduate candidacy

- Completion of undergraduate degree
- Grades of at least "B" in all shared course work
- Favorable recommendation from undergraduate research advisor at time of admission to MS candidacy

A maximum of 9 credit hours may be shared with the corresponding undergraduate degree. 6 hours of 5XXXZ courses must be taken as shared course work.

The following courses are acceptable as Shared Credit Courses :

- CHM 4750Z - Environmental Chemistry. Credits: 3
- CHM 4770Z - Molecular Spectroscopy. Credits: 3
- CHM 4790Z - Medicinal Chemistry. Credits: 3
- CHM 4800Z - Selected Topics in Chemistry. Credit: 3
- CHM 4860Z - Advanced Biochemistry. Credits: 3
- CHM 4900Z - Inorganic Chemistry II. Credits: 3
- CHM 4915Z - Advanced Laboratory. Credits: 3
- CHM 5100Z - Advanced Analytical Chemistry. Credits: 3
- CHM 5180Z - Bioanalytical Problem Solving. Credits: 3
- CHM 5200Z - Chemical Thermodynamics. Credits: 3
- CHM 5210Z - Bonding and Reactivity. Credits: 3
- CHM 5250Z - Special Topics. Credits: 3
- CHM 5300Z - Molecular Spectroscopy. Credits: 3
- CHM 5360Z - Supramolecular Chemistry. Credits: 3
- CHM 5420Z - Modern Organic Chemistry. Credits: 3
- CHM 5460Z - Advanced Biochemistry. Credits: 3

Additional course, credit hour, and other requirements are listed under each degree plan.

Approved by Chemistry Department: February 27, 2018

Approved by COSCC: March 2, 2018

Approved by CGS: