

CHEMISTRY

Graduate Faculty

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Degree: Master of Science

Major: Chemistry

The degree Master of Science in Chemistry offers students advanced preparation in the fields of analytical chemistry, biochemistry, medicinal chemistry, and physical chemistry. The thesis option additionally permits pursuit of specific research interests in one of these sub-fields. The thesis option is designed for students preparing for more advanced studies in chemistry (Ph.D.), advanced training for chemistry careers, or preparing for entry to professional schools in related areas. The non-thesis option is appropriate for students already involved in careers in chemistry, environmental science, medicine, science education or related fields.

To begin the Master of Science program in chemistry, a student must:

1. Meet Graduate School admission requirements (see Admission Standards, Page 13).
2. Have earned a bachelor's degree.
3. Have completed basic courses in general chemistry (one year), organic chemistry (one year), analytical chemistry (one semester), and biochemistry (one semester) together with calculus (one year) and physics (one year). Students may be admitted with minor deficiencies to be remedied as described below.
4. Submit a personal statement including career goals to the program.
5. Submit at least two letters of recommendation to the program.
6. Be approved by the chemistry graduate faculty.

All newly admitted chemistry graduate students are evaluated for sufficient undergraduate preparation by the chemistry graduate faculty and may be required to take leveling courses, in addition to degree requirements, to remedy any deficiencies. Determination of appropriate preparation may include review of transcripts, GRE or other standardized exam scores, and preliminary subject examinations and writing skills assessment administered at ENMU (if required).

Upon admission and evaluation, students work with a graduate adviser and committee to create a degree plan specifying a course of study (as a thesis or non-thesis plan). To change graduate adviser or change program, e.g. thesis to non-thesis or vice versa, students must submit to the graduate coordinator old and new degree plans, transcripts and a letter of intent stating reasons for the change. Students must also secure graduate committee members for the new program and indicate these details in the letter. After review of these materials, change requires approval by all chemistry graduate faculty. Student initiated change is allowed only once and can only be made during the semester prior to the semester the student graduates (see Change of Thesis or Non-Thesis Plan of Study, Page 21).