TEACHING OF CHEMISTRY, MS

for the degree of Master of Science in Chemistry

Department head: Catherine J. Murphy
Overview of admissions & requirements: https://chemistry.illinois.edu/admissions/graduate-admissions/ (https://chemistry.illinois.edu/admissions/graduate-admissions/)
Overview of grad college admissions & requirements: https://grad.illinois.edu/admissions/apply/ (https://grad.illinois.edu/admissions/apply/)
Department website: Chemistry (https://chemistry.illinois.edu/)
Department faculty: https://chemistry.illinois.edu/directory/faculty-by-type (https://chemistry.illinois.edu/directory/faculty-by-type/)
College website: https://las.illinois.edu/
Department office: 109 Noyes Laboratory, 505 South Mathews Avenue, Urbana, IL 61801-3080
Phone: (217) 333-0711
Email: chemistry@illinois.edu

Graduate Degree Programs in Chemistry

- Chemistry, MA (http://catalog.illinois.edu/graduate/las/chemistry-ma/)
- Chemistry, MS (http://catalog.illinois.edu/graduate/las/chemistry-ms/)
- Chemistry, PhD (http://catalog.illinois.edu/graduate/las/chemistry-phd/)
  Concentrations:
  - Astrochemistry (http://catalog.illinois.edu/graduate/las/concentration/astrochemistry/)
  - Computational Science & Engineering (http://catalog.illinois.edu/graduate/engineering/concentration/computational-science-engineering/)
- Chemical Physics, PhD (http://catalog.illinois.edu/graduate/las/chemical-physics-phd/)
- Teaching of Chemistry, MS (p. 1)

Admission

Graduate College requirements apply. Further, applicants should have a bachelor's degree or its equivalent from an accredited college or university in the U.S. or an approved institution of higher learning abroad, with at least 25 semester hours in chemistry (properly distributed) and a grade point average of 3.0 (A = 4.0), is required to be considered for admission to the graduate programs. Applications from students with less than the usual preparation in chemistry or with grade point averages below 3.0 may be considered on an individual basis.

International students whose native language is not English are required to have a minimum paper-based Test of English as a Foreign Language (TOEFL) score of 580 (237 on the computer-based test). In addition, teaching is a requirement in the chemistry graduate program, and there are special requirements for applicants whose native language is not English. The University requires a minimum Test of Spoken English (TSE) score of 50. Any applicant whose native language is not English is expected to provide TSE scores in order to receive full consideration for admission and financial aid.

Graduate Record Exam (GRE) scores (general or subject) are not required. Please do not submit them.

Students might be admitted without a degree from their current institution under exceptional circumstances that will need to be described in detail via a letter from the applicant and a separate statement from the department head of the student's current graduate program.

Financial Aid

Support for graduate students is available through fellowships and assistantships. All candidates are considered for these upon application. Graduate students making normal progress toward their degrees generally receive a tuition waiver as well as a stipend.

For the degree of Master of Science in Chemistry

The Master of Science in the Teaching of Chemistry (MSTC) at the University of Illinois provides advanced studies for those interested in teaching chemistry at the secondary or community college level. The program serves two different audiences:

- Those who already have a teaching certificate or will teach in situations which do not require a certificate;
- Those who wish to obtain a master's degree and a teaching certificate simultaneously.

The MSTC degree (without certification) can be completed in one year. The MSTC degree (with certification) requires two years.

For additional details and requirements refer to the department's Graduate Programs (https://chemistry.illinois.edu/academics/graduate-studies/) and the Graduate College Handbook (http://www.grad.illinois.edu/gradhandbook/).
<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Hours</th>
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<tbody>
<tr>
<td>Graduate hours in education</td>
<td></td>
<td>8</td>
</tr>
<tr>
<td>Graduate hours in chemistry</td>
<td></td>
<td>16</td>
</tr>
<tr>
<td>Graduate electives in either education or physical science</td>
<td></td>
<td>8</td>
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<tr>
<td><strong>Total Hours</strong></td>
<td></td>
<td><strong>32</strong></td>
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**Other Requirements**

<table>
<thead>
<tr>
<th>Requirement</th>
<th>Description</th>
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<td>Other requirements may overlap</td>
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<td>The courses in chemistry and the electives must be selected with the approval of the adviser.</td>
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<tr>
<td>Minimum 500-level Hours Required Overall:</td>
<td>12 (8 in CHEM)</td>
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<td>Minimum GPA:</td>
<td>3.0</td>
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Information listed in this catalog is current as of 07/2022