CHEMISTRY

http://chemistry.illinois.edu/

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Major: Chemistry
Degrees Offered: M.A., M.S., Ph.D.
Graduate Concentration: Astrochemistry (http://catalog.illinois.edu/graduate/graduate-majors/astrochemistry) (Ph.D. only)

Major: Teaching of Chemistry
Degree Offered: M.S.

Joint Degree Program: the Master of Science in Chemistry can be earned jointly with the following
Degrees Offered:
  J.D. in Law
  M.B.A. in Business Administration

Graduate Degree Programs
The degrees offered in chemistry are the Master of Science in Chemistry, Master of Science in the Teaching of Chemistry, and Doctor of Philosophy in Chemistry. This catalog also provides information on a joint program leading to the Doctor of Philosophy in Chemical Physics (see Chemical Physics). Opportunity also exists for specializing in computational science and engineering within the department’s graduate programs via the Computational Science and Engineering (CSE) Option (http://www.cse.illinois.edu).

Admission
Graduate College requirements apply. Further, applicants should have at least 25 semester hours in chemistry (properly distributed) and a grade point average of 3.0 (A = 4.0), 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. In addition, we ask applicants to submit results from the Graduate Record Examination (GRE) General Test and the GRE Chemistry Subject Test.

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.

Students who are currently enrolled in graduate programs at other institutions are advised that they should first complete degree work at their current institution before they will be considered for admission to the chemistry PhD program at the University of Illinois. In addition, we require a statement from the applicant and a letter from the applicant’s research adviser or department head detailing the situation. 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.

Contact chemistry graduate admissions for further information. The department does not currently accept applications for the MA program.

Graduate Teaching Experience
Experience in teaching is considered a vital part of the graduate program and is required as part of the academic work of all Ph.D. candidates in this 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.

  • Master of Science in Chemistry (http://catalog.illinois.edu/graduate/graduate-majors/chemistry/ms-chem)
  • Master of Science in Teaching of Chemistry (http://catalog.illinois.edu/graduate/graduate-majors/chemistry/ms-teaching-chemistry)

Doctor of Philosophy in Chemistry (http://catalog.illinois.edu/graduate/las/chemistry-phd)

In order to enter the joint degree program, students must be admitted separately to each program. Each program’s application requirements and deadlines for admission must be met.

  • J.D. in Law and M.S. in Chemistry (http://catalog.illinois.edu/graduate/graduate-majors/chemistry/ms-chem-law)
  • M.B.A. Joint Degree Program (http://catalog.illinois.edu/graduate/graduate-majors/chemistry/ms-chem-mba)