

University of Illinois @ Urbana-Champaign
Graduate Requirements for the Science: Chemistry Entitlement
Grades 9-12

The following are required to meet the Illinois Approved Program for an Illinois Professional Educator License with a secondary education (grades 9-12) Science: Chemistry entitlement. Please note these requirements are separate from degree requirements, although they may count toward degree as well.

Application Information

This program is based in the department of Curriculum & Instruction in the College of Education. See <http://education.illinois.edu/programs/grad/how-to-apply/master> for application information.

Questions about the application process should be submitted to gradservices@education.illinois.edu, or phone 217-244-3391.

Prior to Admission

- Pass one of the Illinois approved tests of basic skills (see http://cote.illinois.edu/certification/documents/act_procedures_for_admission.pdf)
- Pass the ILTS Science: Chemistry content-area test (106) (see www.il.nesinc.com)

Course requirements*

Foundation Courses:

- One 4 credit hour course in Educational Psychology
- One 4 credit hour course in Educational Policy Studies

Content-area Courses: A major in Chemistry or 32 semester hours in the sciences. In either instance, it must include coursework from the following:

- one year [two semesters] of introductory college chemistry
- two courses in organic chemistry, including lab
- one course in analytical chemistry, including quantitative analysis
- one course in physical chemistry
- one course in biochemistry or inorganic chemistry

Related required coursework

- two courses in calculus
- two courses in physics
- one course in biological science
- one course in earth science
- one course in astronomy

Professional Education Courses:

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|------------|------------------------|
| • CI 401-S | • EPSY 485 |
| • CI 403-S | • SPED 405 or SPED 517 |
| • CI 404-S | • EDPR 442 (12 hours) |
| • CI 473 | |

Minimum GPA Requirements

- Content and Professional Education GPA: 2.5
- Graduate GPA: 3.0

Additional State Required Assessment:

- [edTPA](#)

*State rules mandate that no course with a grade lower than a C can be used toward licensure, endorsement, or approvals. This means courses with a C- or lower and CR/NC courses cannot be used.

Requirements are subject to change without notice due to changes in State law and/or rule.