

University of Illinois @ Urbana-Champaign  
**Graduate Requirements for the Science: Earth and Space Science 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: Earth and Space Science 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](mailto: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](http://cote.illinois.edu/certification/documents/act_procedures_for_admission.pdf))
- Pass the Science: Earth and Space Science content-area test (108) (see [www.il.nesinc.com](http://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 earth & space science or 32 semester hours in the sciences. Either option must include coursework from the following:

- One course in astronomy
- One course in atmospheric science or meteorology
- One year of introductory geology, including physical and historical (GEOL 107 and 208)
- One introductory course in history of life (GEOL 143) OR advanced course in paleontology
- One course in earth materials (GEOL 333 or 432) OR mineralogy & petrology (GEOL 436)
- One course in sedimentary geology (GEOL 440) OR sedimentology
- One course in structural geology (GEOL 411)

Additional Science Required:

- One course in biology
- One course in calculus
- One course in chemistry
- One course in physics

Professional Education Courses:

- |            |                        |
|------------|------------------------|
| • 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.