

MEd in Science Education

Admission Requirements

Applicants are considered on an individual basis. The following requirements for admissions represent recommended minimum levels of performance. Decisions are made on the strength of the overall evidence of academic and professional capacities and on available enrollment space. In addition to the Graduate College minimum requirements, applicants must meet the following program requirements:

- **Baccalaureate Field** No restrictions.
- **Grade Point Average**
 - Strand A—Licensure option: Requires a 3.00/4.00 for the final 60 semester (90 quarter) hours of undergraduate study, a 3.00 for any postbaccalaureate/graduate course work, with the exception of a 2.50/4.00 in a science field.
 - Strand B—Nonlicensure option: Requires a 3.00/4.00 for the final 60 semester hours (90 quarter) hours of undergraduate study and for all postbaccalaureate/graduate course work.
- **Tests Required** No tests are required for admission. There are tests required for Illinois licensure and endorsement that may be completed while completing the program. See the [Illinois State Board of Education website for the most current information concerning Educator Licensure Testing Information](#).
- **Minimum English Competency Test Score**
 - **TOEFL iBT** 80, with subscores of Reading 19, Listening 17, Speaking 20, and Writing 21 (**Note:** Total score is higher than the sum of the subscores), **OR**,
 - **IELTS Academic** 6.5, with 6.0 in each of the four subscores, **OR**,
 - **PTE-Academic** 54, with subscores of Reading 51, Listening 47, Speaking 53, and Writing 56.
- **Letters of Recommendation** Three letters addressing the applicant's academic qualifications, teaching experience, and ability to carry on advanced degree studies. Letters should be from current or former professors or supervisors.
- **Other Requirements**
 - Strand A—Licensure option: A 3–4-page statement addressing the applicant's commitment to and/or experiences working with youth or teaching, and experiences with learning science. The Science Education concentration also requires a minimum of 18 hours (toward the total hours required) in the science area the applicant would like to teach and an interview with advisory staff. This concentration requires transcripts from all undergraduate and postbaccalaureate work.
 - Strand B—Nonlicensure option: A 3–4-page statement of the professional goals addressing the applicant's reasons for pursuing this MEd and relevant background and experiences with urban education and science education.
- Submit materials required by the specific concentration directly to the College of Education online. All materials must be submitted by the stated application deadlines. Applicants should give themselves enough time to gather all materials (especially letters of recommendation) and submit them by the deadline.

- **Deadlines** The application deadlines for the MEd in Science Education are earlier than the Graduate College deadline; contact the College of Education for information on current deadlines.

Degree Requirements

In addition to the Graduate College minimum requirements, students must meet the following program requirements:

- **Minimum Semester Hours Required**
 - Strand A—Licensure option: 32 hours. Note that students complete additional hours (12) to earn an Illinois Professional Education Licence (PEL) in Secondary Science Education.
 - Strand B—Nonlicensure option: 32–36 hours
- **Coursework**

Strand A—Licensure Option

Code	Title	Hours
Strand A—Licensure Option		
Required Courses		
ED 402	Philosophy of Education and Urban School Policy	
or ED 403	Policy Issues in the History of American Education	
ED 421	Advanced Educational Psychology	
or ED 445	Adolescence and the Schools	
CI 531	Curriculum, Instruction, and Assessment for Equity in Secondary Science Education	
EPSY 405	Educational Assessment and Evaluation	
SPED 410	Exceptional Learners	
CI 429	Secondary Science Education in Urban Settings	
CI 504	Secondary Literacy	
CI 551	Practitioner Research in Science Contexts	
CI 475	Teaching and Learning of the Natural Sciences	
or PHYS 475	Learning and Teaching of Physical Sciences	
or CHEM 475	Learning and Teaching of Physical Sciences	
Student Teaching (required for teacher licensure)		

Strand B—Nonlicensure Option

Code	Title	Hours
Strand B—Nonlicensure Option		
Required Courses		
ED 402	Philosophy of Education and Urban School Policy	
or ED 403	Policy Issues in the History of American Education	
or EDPS 500	City Schools: Education in the Urban Environment	
ED 421	Advanced Educational Psychology	
or ED 445	Adolescence and the Schools	
or EPSY 501	Theories of Educational Psychology	
EPSY 416	Systematic Approaches to Program Quality	
or EPSY 553	Assessment for Teachers	

CI 518	Race, Identity, and Agency in Mathematics and Science Education
CI 551	Practitioner Research in Science Contexts
CI 570	Research on Science Learning
CI 573	Multimodality, Multiliteracies, and Science and Mathematics Education

One selective chosen from an approved science education concentration list

One elective in science or engineering selected with the consent of the faculty advisor

Other Requirements

- **Comprehensive Examination** None.
- **Thesis, Project, or Coursework-Only Options** Coursework only.
No other options are available.

Interdepartmental Concentrations

Students earning a graduate degree in this department may complement their courses by enrolling in select concentrations after consulting with their graduate advisor. Interdepartmental concentrations available for this degree include:

- [Black Studies](#)
- [Gender and Women's Studies](#)
- [Museum and Exhibition Studies](#)