

EDUCATION PROGRAM LICENSURE REQUIREMENTS  
Education Major with a Science Education Emphasis

**Education Requirements**

- A minimum of 28 university level credits completed.

**Meet with an Education Advisor**

Contact the Education Office to schedule a meeting.

**Communication Skills Competency (select 1)**

- Pass all three sections of the Praxis Core (CORE)
- An ACT composite score of 23 or higher, with a minimum score of 20 in English, Math and Reading
- Earn a “C” or better in approved coursework in Mathematics, English Composition and English. *See the Education website for a complete list.*

**Courses for Candidacy Application**

- EDUC 206 Culturally Responsive Teaching and Learning (3 cr) *Recommended*
- EDUC 208 Concepts, Issues and Field Experience in Education (3 cr) *Required*

**Apply for Candidacy in Education**

*Deadlines: First Friday in October or the Third Friday in February*

**Semester following Candidacy Acceptance**

- EDUC 290 Intro to Educational Inquiry (3 cr)
- EDUC 291 Educational Inquiry Field Pract (3 cr)
- EDUC 340 Supporting Learning & Behavior in the Classroom (3 cr)

**Pre-Student Teaching Clinical Experience**

- A minimum of 100 hours of clinical experience in school settings is required.

**Additional Required EDUC Courses**

Supporting Courses

- EDUC 203 Env Educ in K-12 Schools (2 cr)

Upper-Level Courses

- EDUC 314 Teaching Science in Middle & Secondary Schools (3 cr)
- EDUC 327 Supporting Multilingual Learners in the PK-12 Classroom (3 cr)
- EDUC 345 The Exceptional Child in Regular Education (3 cr)
- EDUC 351 Field Project in a School Setting (1 cr)
- EDUC 361 Intro to the Art & Science of Teaching (3 cr)
- EDUC 422 Reading in the Content Areas (3 cr)
- EDUC 452 Principles of Middle Level Educ (3 cr)

**Act 31 Statutory Requirement (check one)**

- FNS 225 Intro to First Nations Studies: The Tribal World (3 cr)
- FNS 226 Intro to First Nations Studies: Social Justice (3 cr)
- FNS 374 Wis First Nations Ethnohistory (3 cr)
- Other: \_\_\_\_\_

**Content Knowledge Competency (select 1):**

- Maintain a 3.0 GPA in all coursework leading to licensure
- Complete and obtain a passing score on the PRAXIS II content knowledge test ([www.ets.org](http://www.ets.org)).

**Student Teaching Requirement (12 cr.)**

- EDUC 405 Student Teaching, 18 weeks (10 cr)
- EDUC 414 Seminar in Student Teaching (2 cr)

**Required Science Courses**

- BIOLOGY 201 Principles of Biology: Cellular and Molecular Processes (3 cr)
- BIOLOGY 202 Principles of Biology Lab: Cellular and Molecular Processes (1 cr)
- BIOLOGY 203 Principles of Biology: Organisms, Ecology, and Evolution (3 cr)
- BIOLOGY 204 Principles of Biology Lab: Organisms, Ecology, and Evolution (1 cr)
- CHEM 207 Laboratory Safety (1 cr)
- CHEM 211 Principles of Chemistry I (4 cr)
- CHEM 212 Principles of Chemistry II (4 cr)
- CHEM 213 Principles of Chemistry I Lab (1 cr)
- CHEM 214 Principles of Chemistry II Lab (1 cr)
- PHYSICS 103 Fundamentals of Physics I (4 cr) OR PHYSICS 201 Principles of Physics I (4 cr)
- PHYSICS 104 Fundamentals of Physics II (4 cr) OR PHYSICS 202 Principles of Physics II (4 cr)
- PHYSICS 203 Introductory Physics Lab I (1 cr)
- PHYSICS 204 Introductory Physics Lab II (1 cr)
- GEOSCI 202 Physical Geology (4 cr)
- GEOSCI 203 Earth System History (3 cr)
- GEOSCI 222 Ocean of Air: Weather & Climate (3 cr)
- ET 101 Fund. of Engineering Technology (2 cr)
- Six credits from the following list:
  - ET 201 Intro to Environ Engineering (3 cr)
  - ET 203 Intro to Water and Wastewater (3 cr)
  - ET 330 Hydrology (3 cr)
  - ET 415 Solar & Alt Energy Systems (3 cr)
  - ENGR 202 Intro to Smart Cities (3 cr)
  - ENGR 260 Intro to Engineering Ethics (3 cr)
- Upper level science credits in the same prefix (6 cr) [e.g., BIOLOGY 303 Genetics (3 cr) and BIOLOGY 309 Evolutionary Biology (3 cr)]