

PROGRAM ADMISSION REQUIREMENTS

- » Be admitted to the Graduate College
- » Earn a satisfactory score on the MAT or GRE
- » Hold or be eligible for a standard teaching certificate or teaching license, or be accepted for an alternative certification program
- » Submit a Program Admissions Packet to the Admission Committee
- » File a degree plan and statement of understanding

TEACH GRANT

The Teacher Education Assistance for College and Higher Education (TEACH) Grant Program provides grants of up to \$3,964 per year to students who intend to teach in a public or private elementary or secondary school that serves students from low-income families.

Graduate students in the M.Ed. in Science Education Program are eligible for this funding, if they qualify.

For more information, contact:

Office of Financial Services
financialaid@nsuok.edu
918-444-3456 or 800-722-9614



NORTHEASTERN
STATE UNIVERSITY

College of Science and Health Professions
Department of Natural Sciences
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Tahlequah, OK 74464
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M.Ed. Science Education
ONLINE PROGRAM



NORTHEASTERN
STATE UNIVERSITY

M.Ed. Science Education



DESIGNED FOR K-12 TEACHERS

WHO ARE:

- » Teaching science or preparing to teach science
- » Teaching or preparing to teach STEM courses
- » Working toward National Board Certification in a science teaching area
- » Developing leadership skills in STEM and science education

ALL COURSES ARE OFFERED ONLINE

The courses feature active student engagement, hands-on inquiry, and computer simulations. The program emphasizes scientific and engineering practices, inquiry-based instruction, and science content courses taught through inquiry. The curriculum is aligned with the National Board for Professional Teaching Standards, state science standards, and the Next Generation of Science Standards.

The degree can be combined with the Endeavor STEM Certificate Program in collaboration with U.S. Satellite Laboratory (<http://stemedmasters.org/nsu>). In addition to the Master's Degree, teachers earn a Certificate in STEM Education from Teachers College, Columbia University. All of the Endeavor certificate courses count toward the M.Ed. in Science Education degree.

GATHER ONLINE.
GO FAR.



PROGRAM OF STUDY COHORT A

STEM Cohort

Professional Education Core

15 hours

- » Educational Research
- » Fundamentals of Curriculum Design
- » Advanced Educational Psychology
- » Trends and Issues in Science Education
- » Inquiry in Science Education

Science Content Core

Choose 15 hours

- » Investigative Biology
- » Environmental Science
- » Nature of Matter
- » Science of Motion
- » Earth Science
- » Space Science

Capstone Experience

6 hours

Select one of the following options:

- » Action Research
- » Science Curriculum Project
- » Science Teaching Portfolio Submitted for National Board Certification

PROGRAM OF STUDY COHORT B

Endeavor Cohort Including Endeavor STEM Certificate

Professional Education Core

15 hours

- » Educational Research
- » Methods of STEM (Endeavor course)
- » Advanced Educational Psychology
- » Trends and Issues in Science Education
- » Inquiry in Science Education

Science Content Core

Choose 15 hours

- » Endeavor Science Content Electives (9 hours)
- » Select two of the NSU Science Content Core Courses (6 hours)

Capstone Experience

6 hours (3 hours Endeavor Capstone and 3 hours NSU Capstone)

Select one of the following options:

- » Action Research
- » Science Curriculum Project
- » Science Teaching Portfolio Submitted for National Board Certification