The science and mathematics education master’s level graduate program at OSU helps educators deepen their content and pedagogical knowledge of best practices in the teaching of science and mathematics. The mission of the program is to develop exemplary educators who have both broad and deep content knowledge, research experience and leadership capabilities in the fields of science and mathematics education.

**PROGRAM HIGHLIGHTS**

- Delivery format includes fully online, face-to-face or hybrid
- Courses are offered at OSU-Stillwater and OSU-Tulsa
- Curriculum prepares educators to balance theory, research and practice of science and/or mathematics
- Degree prepares educators to think critically about current issues and trends in the field so they can challenge science and mathematics learners in a variety of settings

**YOU WILL LEARN TO:**

- Strengthen mathematics and/or science instructional strategies
- Become a reflective, reflexive practitioner
- Develop expertise on how students learn mathematics and science
- Become a critical consumer of instructional resources and strategies
- Develop leadership and advocacy skills for the teaching and learning of mathematics and science
ADMISSION REQUIREMENTS

To be considered for admission to the program, applicants must have:

- The equivalent of an undergraduate degree or minor in mathematics or science (with at least a 3.0 GPA on a 4.0 scale) or a satisfactory score on the quantitative portion of the GRE

APPLICATION PROCESS

Applications are accepted on a rolling basis. Applicants are strongly encouraged to submit application materials at least six weeks prior to the start of the semester. An applicant’s file will be reviewed when all materials have been received by the OSU Graduate College. Students will be notified of admission decision within four to six weeks.

1. Graduate College Application
   - Visit gradcollege.okstate.edu/apply to complete the online application
   - Submit the non-refundable application fee
   - Submit transcripts from all previously attended institutions

2. Program Application
   - Current academic resume or curriculum vitae
   - Goal statement that articulates why the applicant is pursuing the degree (500 words)

MORE INFORMATION

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FINANCIAL SUPPORT

Students in this program are eligible to apply for the Teacher Education Assistance for College and Higher Education (TEACH) Grant, which provides up to $4,000 a year to graduate students who are completing a teacher preparation program and who agree to teach full time for at least four years as a highly qualified teacher at a school serving low-income students in a high-need field.

For more information about the TEACH Grant, please visit studentaid.ed.gov.

Currently enrolled graduate students who are pursuing degrees through the OSU College of Education, Health and Aviation are also eligible for EHA scholarships. For more information, please visit education.okstate.edu/scholarships.

Oklahoma State Department of Education certified teachers who are currently employed full time by a school in Oklahoma and who are enrolled in a College of Education, Health and Aviation online degree or online graduate certificate program may submit an outreach fee waiver request.

Teacher must complete the waiver request online at okla.st/30RVpMx and submit to education.outreach@okstate.edu prior to the start of the semester.

COURSEWORK PREVIEW

- Common Core (6 hours)
  - Curriculum Issues
  - Educational Leadership and Advocacy

- Research Requirement (6 hours)
  - Elementary Statistical Methods
  - Pedagogical Research
  - Research Design and Methodology

- Program Core (6 hours)
  - Social Justice by the Numbers
  - Problem Centered Learning in Math OR Inquiry and Problem-Based Learning in Science Education

- Specialization (18 hours)
  - Focus on science, mathematics or a combination
  - Courses cover a variety of content and pedagogical areas
  - At least 12 hours must include courses with a SMED prefix