

GRADUATE CERTIFICATE IN ELEMENTARY MATHEMATICS SPECIALIST



COLLEGE OF
**EDUCATION AND
HUMAN SCIENCES**

OVERVIEW

The Graduate Certificate in Elementary Mathematics Specialist allows students to complete requirements for the elementary mathematics specialist add-on certification through the Oklahoma State Department of Education. The program is designed specifically for students who already hold initial teacher certification and who may already hold a master's degree. Those who don't yet hold a master's degree may apply course credit toward the Master of Science in Teaching, Learning and Leadership, option in mathematics and science education.

APPLICATION

To be considered for admission to the program, applicants must complete and submit the following:

- OSU Graduate College application online at grad.college.okstate.edu/apply
- Transcripts from all previously attended institutions.
- A written statement of goals
- Academic vita/resume

ADMISSION REQUIREMENTS

Applications are reviewed on a rolling basis. Applicants will be notified of admission status within four to six weeks of submission. To be considered for admission to the program, applicants must have:

- Bachelor's degree from an education-related program from an accredited institution with a 3.0 minimum GPA
- Current teaching certificate

COURSEWORK

Successful completion of the program requires **18 credit hours (four courses) of graduate-level coursework. Credit hours are transferable to additional graduate degree programs, including the Master of Science in Teaching, Learning and Leadership, option in mathematics and science education.**

SMED 5253 Teaching Rational Number Concepts, Proportional Reasoning & Classroom Interactions

SMED 5273 Number Concepts & Assessment at the Elementary Level (PK-6)

SMED 5913 Teaching Geometry & Spatial Visualization

SMED 5913 Teaching Algebra & Mathematical Tasks

SMED 5933 Teaching Data & Probability in Schools

SMED 5943 Mathematics Leadership & Coaching (includes a minimum of 30 hours of field experience)

Each of these courses are tied directly to the State EMS standards.

CONTACT INFORMATION

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SCHOOL OF
**TEACHING, LEARNING AND
EDUCATIONAL SCIENCES**