Oklahoma Elementary Mathematics Specialist

Background:

The Oklahoma Elementary Mathematics Specialist Certification Program has been developed in response to a statewide need for teachers in elementary schools to have expertise in mathematics.

OEMS professionals must know and understand elementary school mathematics as well as how mathematics concepts and skills develop through the secondary level. This includes specialized knowledge that teachers need in order to understand and support student learning of elementary mathematics. OEMS professionals also need to be prepared to take on collegial non-evaluative leadership roles within their schools and districts. They must have a broad view of many aspects and resources needed to support and facilitate effective instruction and professional growth.

OEMS Certification Process, Prerequisites and Requirements:

OEMS Certification Prerequisites and Requirements include:

1. Hold a valid teacher certification in elementary education and/or early childhood education.

2. Have two years of full-time teaching experience in grades PK-5 at an accredited school under a valid state-issued teacher credential.

3. Complete eighteen hours of graduate OEMS coursework.

4. Receive a passing score on the OEMS certification examination.

5. Submit an application with the university's recommendation for OEMS certification submitted to the Oklahoma State Department of Education along with $25 application fee.

NSU Courses for the Oklahoma Elementary Mathematics Specialist:

Coursework for the OEMS certificate is administered through the Gregg Wadley College of Science & Health Professions and in partnership with the College of Education. These courses include:

» MATH 5023:
Number Systems

» MATH 5233:
Data Analysis and Probability

» MATH 5273:
Geometry and Measurement

» MATH 5323:
Algebra and Functions

» MATH 5523:
Mathematical Pedagogy

» EDUC 5943: Internship:
Mathematics Supervision

★All eighteen hours of OEMS graduate courses may be applied toward the M.Ed. Mathematics Education degree if an OEMS candidate would like to complete both the certification requirements and graduate degree.

★Graduate courses are offered on a rotating basis and are available on the Broken Arrow and Tahlequah campuses.

For more information about this program, contact:

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