



**Division of Teacher Education
and
Mathematics Department**

Elementary Mathematics Instructional Leader Specialization Program

Purpose of Program

To be eligible for the Elementary Mathematics Instructional Leader (EMIL) specialization, the licensed teacher must have all of the following:

- a. The Commission-approved Multiple Subjects Examination;
- b. Three complete years of teaching mathematics as verified by a Professional Educator Experience Form (PEER) or other verifiable experience if obtained out of state; and
- c. Demonstrated competency in the following Elementary Math Specialist (EMS) standards as determined by a program approved to offer the Elementary Mathematics Instructional Leaders specialization as evidenced by completion of:
 - A. Twenty-four quarter or sixteen semester hours of a TSPC-approved Elementary Mathematics Instructional Leader program; and
 - B. An EMIL practicum working with a range of students and teachers.

The WOU program is designed to demonstrate competency in the EMS Standards as described in part c.

Content, Pedagogy and Leadership Standards

Courses are aligned to the TSPC recommended teacher content, pedagogy and leadership standards detailed in “Standards for Elementary Math Specialists: A Reference for Teacher Credentialing and Degree Programs,” a publication of the Association of Mathematics Teacher Educators. Additionally, the courses will have a particular emphasis on the teaching of the K – 8 Common Core State Standards for Mathematics.

Course of study for the WOU EMIL Specialization New program

(24 credits)

New
courses

MTH 611 Counting and Whole Number Operations: K - 8 Learning and Teacher Practices (3)
MTH 612 Fractions and Proportions: K - 8 Learning and Teacher Practices (3)
MTH 613 Geometry and Measurement: K - 8 Learning and Teacher Practices (3)
MTH 614 Statistics and Probability: K - 8 Learning and Teacher Practices (3)

ED 637 Advanced Content Pedagogy (3)

New
courses

ED 673 Elementary Mathematics Leadership Practicum I (3)
ED 609 Elementary Mathematics Leadership Practicum II (3)

Choose one

New
courses

MTH 615 Patterns and Algebraic Thinking: K - 8 Learning and Teacher Practices (3)
MTH 616 Algebra and Functions: K - 8 Learning and Teacher Practices (3)

Course delivery

Hybrid delivery: Online and several meetings per term at the WOU campus

November, 2013