

# **Southeast Missouri State University**

## **Master of Arts in Elementary Education**

### **Math Specialist Emphasis**

**(33 hours)**

**“Why choose **Southeast** for your graduate degree in Elementary Education with certification as a Math Specialist?”**

**Recognized Excellence:** Southeast Missouri State University is again on the 2015 U.S. News Best Colleges Rankings for institutions in the Midwest. Southeast is also fully accredited by the North Central

Association of Colleges and Schools and the National Council for the Accreditation of Teacher Education.

In addition, the College of Education has received national recognition for excellence from the National

Association for the Education of Young Children (NAEYC), Council for Exceptional Children (CEC), &

Association for Childhood Education International (ACEI). This recognition highlights the College of Education's commitment of providing education of the highest quality and standards to students. This program is also aligned with Missouri Collaborative standards and may lead to certification as a Math Specialist.

**Mo DESE Recognized:** The Missouri Department of Elementary and Secondary Education (DESE) has approved all of our teacher education programs since the inception of its evaluation process.

**Affordable and Convenient:** Graduate education at Southeast is guaranteed quality at an affordable price. All courses are online, with the option of a research course that is blended (online and limited class meetings).

**Quality Online Coursework:** This program is a part of a statewide collaborative to increase math specialists in Missouri. It will lead to an advanced teaching certificate as a math specialist, as well as a Masters degree. The certificate program is 24 credit hours, and the Master's degree requires 9 more credit hours for a total of 33 credit hours.

### **Course Offerings**

#### **Core Courses (11 hr.)**

EL 615 Research in Action (3)

EX 601 Educational Assessment (3)

EL 667 Mathematical Leadership for Elementary Mathematics Specialists: Foundations (2)

EL 668 Mathematical Leadership for Elementary Mathematics Specialists: Influencing and Facilitating Improvement (3)

**Math Emphasis (22 hr.)**

MD 621 Number and Operation 1 (3)

MD 611 Internship in Numbers and Operations (1)

MD 622 Rational Numbers and Proportional Thinking (3)

MD 612 Internship in Numbers and Proportional Thinking (1)

MD 624 Data and Probability (3)

MD 626 Geometry and Measurement (3)

MD 616 Internship in Geometry and Measurement (1)

MD 627 Algebraic Reasoning (3)

MD 617 Internship in Algebraic Reasoning (1)

EL 608 Diagnosis and Remediation of Difficulties in Learning Mathematics (3)

**Electives (0 hr.)**

**Capstone Requirement:** GR 698 Masters Final Action Research Project (0 hr. credit)

**For more information contact:**

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