

**MASTER OF ARTS IN ELEMENTARY EDUCATION: MATH SPECIALIST EMPHASIS  
(30 credit hours)**

**Core Courses (11 hr.)**

EL 615 Research in Action (3, online)

EX 601 Educational Assessment (3, online)

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

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

**Math Emphasis (19 hr.)**

MA 621 Number and Operation 1 (3, blended)

MA 611 Internship in Numbers and Operations (1, blended)

MA 622 Rational Numbers and Proportional Thinking (3, blended)

MA 612 Internship in Numbers and Proportional Thinking (1, blended)

MA 624 Data and Probability (3, blended)

MA 626 Geometry and Measurement (3, blended)

MA 616 Internship in Geometry and Measurement (1, blended)

MA 627 Algebraic Reasoning (3, blended)

MA 617 Internship in Algebraic Reasoning (1, blended)

**Electives (0 hr.)**

Capstone Requirement: GR 698 Action Research Project (0, online)

Note: Additional requirements for those seeking the Elementary Math Specialist certificate:

A valid Missouri permanent or professional certificate of license to teach; and

**B.** Two (2) years of successful mathematics teaching experience;

**C.** Must have recommendation of designated official for teacher education in the college or university with an approved program of study;

**D.** Must complete the content knowledge or specialty area test designated by the State Board of Education with a score equal to or greater than the Missouri Qualifying Score.

Academic Council Approval: May 3, 2011  
Academic Council Approval (Math Specialist): April