

# LOWER ELEMENTARY MATHEMATICS CERTIFICATE

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This Certificate will provide specialization in mathematics education for Early Childhood Education and Elementary Education majors. The certificate supports development of students' pedagogical content knowledge and mathematical knowledge for pre-kindergarten through 3rd grade. These courses have prerequisites.

## Required Courses

MATH 208	MATHEMATICS FOR ELEMENTARY TEACHERS I	5
MATH 209	MATHEMATICS FOR ELEMENTARY TEACHERS II	4
MATH 313	PATTERNS, RELATIONS AND ALGEBRAIC THINKING FOR PRIMARY TEACHERS	5
MTED 425	ASSESSMENT IN THE MATHEMATICS CLASSROOM	3
or MTED 476	MATHEMATICAL PROGRESSIONS	
Total Credits		17