

LOWER ELEMENTARY MATHEMATICS CERTIFICATE, UNDERGRADUATE

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.

Note: the courses in this program have prerequisites.

Note: the prerequisite for MATH 313 is MATH 114 or MATH 210.

Required Courses

MATH 208	MATHEMATICS FOR ELEMENTARY TEACHERS I	5
MATH 209	MATHEMATICS FOR ELEMENTARY TEACHERS II	4
Required Electives—choose two from the following		6-8
MATH 313	PATTERNS, RELATIONS AND ALGEBRAIC THINKING FOR PRIMARY TEACHERS	
MTED 425	ASSESSMENT IN THE MATHEMATICS CLASSROOM	
MTED 476	MATHEMATICAL PROGRESSIONS	
Total Credits		15-17