

Graduate Certificate in Elementary Mathematics Specialist

The program is designed for inservice K-6 teachers interested in pursuing advanced learning experiences and training to increase their knowledge and skill to teach or lead others in teaching mathematics in elementary classrooms. That is, the program is designed for teachers currently working full time.

Requirements

The EMS graduate certificate program includes five integrated mathematics content/pedagogy courses, each with an attached internship and two leadership development courses (total of 24 credits). The courses will be offered over a 2-year cycle beginning in the Fall semester (6 semesters of part-time student effort).

LTC 8871	Teaching and Learning Number/ Operations Advanced	3
LTC 8881	Internship - Number and Operations in Elementary Schools	1
LTC 8872	Teaching and Learning Rational Number Advanced	3
LTC 8882	Internship - Rational Numbers in Elementary Schools	1
LTC 8876	Teaching Data Analysis and Mathematical Modeling	3
LTC 8877	Foundations of Mathematics Leadership in Elem Schools	2
LTC 8874	Teaching and Learning Algebraic Reasoning Advanced	3
LTC 8884	Internship - Algebraic Reasoning in Elementary Schools	1
LTC 8873	Teaching and Learning Geometry and Measurement Advanced	3
LTC 8883	Internship - Geometry/Measurement in Elementary Schools	1
LTC 8878	Mathematical Leadership for Elementary Schools Advanced	3

For information about certificate, contact Dr. Barbara Reys:

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