Graduate Certificate in Elementary Mathematics Education

The Graduate Certificate in Elementary Mathematics Education is designed for the busy professional.

The Graduate Certificate in Elementary Mathematics Education is a practitioner-oriented program designed to sharpen instructional expertise, develop skill in teaching, deepen mathematics knowledge, and promote leadership in mathematics education. Successful completion of the six courses in the certificate leads to additional mathematics licensure at the elementary level. The six courses are also a subset of the MAEd in Mathematics Education (Elementary Concentration).

Each of the six courses is distinguished by a focus on high-leverage teaching practice, a primary area of mathematics necessary for successfully teaching elementary school mathematics and a secondary area of mathematical content.

Each course is offered as a blend of synchronous and asynchronous instruction. Synchronous classes are held online every other Wednesday from 5:00-7:45.
The ECU Graduate Certificate in
Elementary Mathematics Education
Information and Fact Sheet

Is Distance Education Right for Me? Distance learning offers a large degree of convenience and flexibility, but it’s important to note that these courses require the same level of commitment and effort as attending a class on campus. Completing a distance education degree is a great choice for many people, particularly those with full-time employment and family obligations. If you are interested in earning the Elementary Mathematics Add-on License (EMAoL) at ECU, but commuting to campus is not an option or if traditional college classes do not fit into your busy schedule, then learning in online and video conferencing environments might be right for you!

Next Cohort Begins Fall 2014. Your online application for Fall 2014 admission will need to be completed by August 15, 2014 (http://www.ecu.edu/gradschool).

Requirements for Admission. Admission to the Graduate School includes an application, official transcripts from all post-secondary institutions that you’ve attended, a copy of your teaching license, and two letters of recommendation from someone aware of your potential as a graduate student.

Tuition. Tuition costs less than face-to-face courses. The current estimated cost (tuition and fees) of graduate distance education for NC residents is $222 per credit hour. Factor the savings realized by not driving to campus and paying for parking, and the program fits most budgets.

Course of Study and Schedule of Offerings. Courses are offered to cohorts of at least 15 students. Each course is offered online in a blend of synchronous and asynchronous instruction. The synchronous classes are held online every other Wednesday from 5:00-7:45. The EMAoL program-of-study consists of 18 semester hours:

MATE 6060: Data Analysis & Measurement: K – 5 Classroom Interactions (Jan 12- May 6, 2015)
MATE 6061: Algebraic Reasoning: K – 5 Discourse & Questioning (Summer 2015)
MATE 6062: Geometry & Spatial Visualization: K – 5 Assessment (Fall 2015)
MATE 6059: Rational Numbers & Operations: K – 5 Learning Trajectories (Spring 2016)
MATE 6063: Mathematical Modeling: K – 5 Leadership (Fall 2016)

May the Classes be Used Toward an Online Masters Degree? Yes, the MAEd in Mathematics Education (for Elementary School Teachers). The MAEd includes the six EMAoL courses (that support the teaching and learning of K-5 mathematics), three specialized courses that support the teaching and learning of middle grades mathematics, two research courses that support the teacher in developing and conducting her own action research study, and a class focused on teaching for diversity. All courses are available online.

For More Information on the Graduate Certificate in Elementary Mathematics Education, Contact: Sid Rachlin, E-Mail: rachlins@ecu.edu, Phone: 252-328-9370 (Leave a call back message).

For More Information on the MAEd in Mathematics Education (for Elementary School Teachers), Contact: Ron Preston, E-Mail: prestonr@ecu.edu, Phone: 252-328-9355 (Leave a call back message).

For More Information on Mathematics Education at ECU visit:
http://www.ecu.edu/cs-educ/msite/Math/index.cfm