



## MATHEMATICS EDUCATION

# We invite you to join the upcoming MAEd Cohort in High School Mathematics: 2024-26

The online MAEd in High School Mathematics is designed for the busy, cost-conscious professional.

DEPARTMENT OF  
MATHEMATICS,  
SCIENCE, AND  
INSTRUCTIONAL  
TECHNOLOGY  
EDUCATION

ECU Rated  
Among Top  
Online  
Education  
Programs

For More Information,  
Contact Ron Preston,  
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prestonr@ecu.edu



**ECU Online** | REAL OPTIONS  
for REAL LIFE

The MAEd in Mathematics Education, High School Cohort, is a **100% online program**, beginning **Summer 2 2024** and ending **Spring 2026**. This collaboration between mathematics education and the Department of Mathematics is practitioner-oriented and designed to sharpen instructional expertise, deepen mathematics knowledge, and promote leadership. Completing this program also empowers you to:

- **Expand career opportunities**
  - ◆ Prepare to be a more effective HS teacher
  - ◆ Prepare to teach AP classes
  - ◆ Prepare to teach collegiate mathematics
- **Obtain M-Level license**
- Use the latest research on mathematics teaching and learning
- Receive support to attend conferences and present professionally
- Complete assignments that prepare you for the NBPTS

### Special Features:

- Cost—less than half of a comparable on-campus program
- Funding—financial aid eligible; scholarship opportunities
- Application—streamlined admissions process; no test required
- Community—participation in a cohort learning community
- Experience—Program builds on three successful HS cohorts

# The MAEd Cohort in High School Mathematics - Fact Sheet

**Cohort Advantages:** Advantages to participating in a mathematics education cohort are having a fixed set of courses, receiving assistance with the graduate application, and having registration support each semester. The learning community is set, providing maximum opportunity for growth and continuity.

**Is Distance Education Right for Me?** Distance learning offers a large degree of convenience and flexibility, but it is 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 MAEd in Mathematics Education at ECU, but commuting to campus is not an option or if traditional college classes do not fit your busy schedule, then learning online might be right for you!

## Cohort Sequence of Courses:

Semester	Course	Name
Summer 2 2024	MATH 5021	Theory of Numbers I
Summer 2 2024	MATH 5131	Deterministic Methods in Operations Research
Fall 2024	MATH 6323	Issues and Trends in Mathematics Education
Fall 2024	MATE 6200	Mathematics Assessment for the Classroom Teacher
Spring 2025	EDUC 6001	Introduction to Differences in Human Learning in Schools
Spring 2025	MATE 6206	Leadership in Mathematics Education
Summer 2 2025	MATH 5101	Advanced Calculus I
Summer 2 2025	MATH 5031	Applied Regression Analysis
Fall 2025	MATE 6211	Research in Mathematics Education
Fall 2025	MATH 5002*	Logic for Mathematics and Computer Science
Spring 2026	MATE 6400	Capstone Project in Mathematics Education
Spring 2026	MATH 6001*	Advanced Linear Algebra

**Note:** \*Students may sub MATE courses for the two starred MATH courses. Degree requires 12 hours of MATH, but with 18 hours of MATH, one is qualified to teach collegiate mathematics.

**Requirements for Admission:** Admission to Graduate School includes an application, official transcripts, a copy of your teaching license, and two letters of recommendation. For regular admission, applicants need an overall undergraduate or post-back GPA of 2.7 on a 4.0 scale. The test requirement **has now been dropped**. To apply, go to <https://gradschool.ecu.edu/prospective-students/> and click on Start Application.

**Tuition and Fees:** DE fees are much less than face-to-face fees. Cost (tuition/fees) of graduate distance education for NC residents is \$869/course as of Fall 2023. Include savings from not driving to campus, paying for parking, etc. and an online **program costs about 40% of a comparable on-campus program**. Students may apply for financial aid when taking five or more hours per semester (cohort load is six hours per semester).

**Funding:** MAEd students seek funding from NC-FELS, their school district, NC Council of Teachers of Mathematics, and ECU Scholarships. Program eligible for federal financial aid.

## For More Information, Contact:

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[Mathematics Education Website](#)

