



Tomorrow starts here.



Tomorrow starts here.

COLLEGE OF EDUCATION
**DEPARTMENT OF MATHEMATICS
AND SCIENCE EDUCATION**

East Carolina University is committed to equality of educational opportunity and does not discriminate against applicants, students, or employees based on race, color, national origin, religion, gender, age, creed, sexual orientation, or disability. An equal opportunity/affirmative action university, which accommodates the needs of individuals with disabilities.



Ythol Arul science education

“Being in the program, I have noticed significant changes in myself academically, where I have been challenged to not only work harder as a student, but to truly utilize the knowledge that I acquired. The combination of lecture and the hands-on experiments have really helped me to see chemistry as a true science rather than just a course that we, as science education majors, take. In this, it has really encouraged me, as a future educator, to make science productive, as well as interesting and fun, for students.”

“I hope those who go out from our tutelage will be filled with the



professional spirit that they will realize the great responsibilities that rest upon them. I hope they will see that true education is more than the acquisition of book facts, more than so-called knowledge, but that it is power, yes, growth is power, and that all information which does not stimulate this growth is useless.”

Robert H. Wright
East Carolina's founding president

The best educators have the passion, skills, knowledge, and determination to make a positive difference in the classroom and beyond.

East Carolina prepares those kinds of educators.

Founded as a teacher training school a century ago, East Carolina has grown to become a nationally recognized university. And while ECU constantly looks ahead toward expanded opportunities for service, it never has neglected its core strength. Today, East Carolina prepares more educators who work in North Carolina than any other university and has one of the finest colleges of education in the nation.

Part of the College of Education, the Department of Mathematics and Science Education prepares leaders in their fields. As an undergraduate student, you can prepare for a rewarding and exciting career as a science or math teacher through programs known for their quality and innovation. Later, you also can pursue graduate-degree opportunities in mathematics education and science education as well. In addition to high school, the department also supports the development of science and mathematics at all levels.

If you choose to pursue teaching science, our bachelor of science in science education program is for you. You can choose from concentrations in biology, chemistry, physics, and earth science. Throughout your education here, you will learn how to use technology in your own teaching, and you will benefit from the personal attention you will receive in small classes. You will take a number

of courses in science education to add to the pure content courses in science, which will help you pass on your knowledge to your own students.

In addition to learning in the classroom through your course work, you will get real-world experience through field work beginning early in the program. You also will have the chance to attend a state conference for science teachers. A yearlong internship will cap the program.

A science minor is available as well.

If math is your area of interest, choose our bachelor of science program in mathematics, secondary education. Through our program, you can nearly qualify for a major in mathematics, which can open even more doors to your professional career. With a strong math background, you will have a distinct advantage in a shifting and competitive environment. In fact, you may double-major (in mathematics education and mathematics) with just a few additional courses.

You will learn solid math theory in class and put that knowledge to use when you get into schools by your freshman or sophomore year. Take advantage of networking opportunities and free professional benefits by joining the Gamma Chapter of the NC Council of Teachers of Mathematics, a group that promotes the teaching and learning of mathematics at all grade levels. Get even more experience by attending a state math conference as a student in the program. You will complete the program with a yearlong internship.

We invite you to contact us for more information about our department and any of the programs we offer. We welcome you to visit campus and meet our faculty and students. We encourage you to answer the call to become a professional educator and make a positive difference.

For more information, contact our department chair:

Dr. Ron Preston
Department of Mathematics and Science Education
342 Flanagan Building
East Carolina University
Greenville, NC 27858-4353
252-328-9353
prestonr@ecu.edu

Amy Williams mathematics, secondary education

“I have enjoyed my experience at East Carolina University. The faculty has been very supportive of my peers and myself. The quality of instruction has been wonderful; we have been introduced to a number of technologies that can be used in our classroom. The faculty has helped my peers and myself to achieve our dreams of becoming great high school mathematics teachers.”

A Variety of Opportunities

When you earn a bachelor of science degree through the Department of Mathematics and Science Education at ECU, you will be prepared for a career as an educator. Explore the many rewarding opportunities you have with a degree from our program:

- High school mathematics
- High school biology
- High school chemistry
- High school physics
- High school physical science
- High school earth science
- Middle school mathematics
- Middle school physical science
- Middle school general science

