

Department of Mathematics and Statistics

Undergraduate Degree Programs

- [Mathematics Major, B.S. \(Computational Applied Mathematics Concentration\)](#)
- [Mathematics Major, B.S. \(Mathematical Sciences Concentration\)](#)
- [Mathematics Major, B.S. \(Mathematics Education Concentration\)](#)
- [Mathematics Major, B.S. \(Statistics Concentration\)](#)
- [Mathematics Minor](#)
- [Statistics Minor](#)

Graduate Degree Programs

- [Mathematical Sciences, M.S.](#)
- [Applied Data Science, M.S.](#)

Careers in Mathematics and Statistics

The Department of Mathematics and Statistics prepares students for opportunities in various careers and continuing studies. Our graduates have found work, both locally and nationally, in industries such as Eastman, Crown Labs, UPS and Nationwide Insurance. Some have gone on to graduate school. Recent graduates have attended Clemson University, Arizona State University, and Kennesaw State University. Others are teaching in the local school systems of Johnson City, Chuckey-Doak, and Dobyns-Bennett EXCEL. Many of our courses prepare students for a career in BIG data.

For more career information associated with this program, visit the Occupational Outlook Handbook (OOH) at bls.gov/ooh/.

Program Highlights

- The department is participating in a \$1.2 NSF-Noyce Grant. The goal of the Noyce program is to recruit, prepare, and retain high school teachers in Mathematics, Physics, Chemistry, Engineering Technology, and Computer Science. (etsu.edu/cas/physics/noyce.php)
- The Masters in Applied Data Science is designed to train professionals who can manipulate massive, potentially complex datasets; analyze their content; and effectively communicate these analyses, results and significance to managers and other decision-making personal.
- There are ten scholarships available for undergraduate students majoring in mathematics. (etsu.edu/cas/math/scholarships.php)

Point of Interest

The Department of Mathematics & Statistics is continuously increasing quality of, and increasing faculty participation in, undergraduate research. Research is mandatory for all majors. Many of our undergraduate Mathematics Majors have been co-authors on research papers published in scientific journals and have presented papers/posters at professional conferences.

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