MATHEMATICS AND STATISTICS

College of Arts and Sciences
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Stephen R. Tate, Department Head
Igor Erovenko, Associate Department Head
Sebastian Pauli, Director of Undergraduate Studies
Ratnasingham Shivaji, Graduate Program Director

The Department of Mathematics and Statistics offers undergraduate and graduate degrees. The goal of all of the Department’s programs is to produce students who are both technically competent and sufficiently well grounded in theory that they can contribute to fundamental research in their chosen specialty. There are many opportunities for graduates of mathematics programs in industry, government, business, research, and teaching.

The faculty consists of nationally and internationally recognized researchers in diverse areas of mathematics, statistics, and mathematics education. They are outstanding professionals committed to teaching excellence, and they take great pride in guiding students to enjoy the beauty of mathematics. The department has been hosting various professional conferences and special events, lecture series, colloquia, and seminars. These activities have greatly enhanced the student learning experience at UNC Greensboro.

Mission Statement
The mission of the Department of Mathematics and Statistics at UNC Greensboro is to provide intellectual leadership in the mathematical sciences that is of direct benefit to the State of North Carolina and that commands national and international respect for the quality of its educational programs and for its depth of scholarship.

Undergraduate
The Department of Mathematics and Statistics offers undergraduate programs leading to the B.A. and B.S. degrees in Mathematics, as well as a minor in Mathematics and a minor in Statistics. To give a professional direction to the student’s liberal arts education, the mathematics major may choose a concentration in mathematics, statistics, or high school teaching licensure. There are many opportunities for math majors in industry, actuarial sciences, government, business, and secondary school teaching. The mathematics programs also provide excellent preparation for graduate studies in many areas, including computer science, economics, engineering, law, mathematics, operations research, and statistics.

Graduate
The department offers a variety of outstanding graduate programs. A graduate degree in Mathematics is not only an excellent choice for students who pursue a career in teaching and/or research, there are also many opportunities in banking, consulting, government, and the IT industry. Most of our graduate students are supported via attractive graduate assistantships.

The Department of Mathematics and Statistics offers a Ph.D. in Computational Mathematics, a M.S. in Applied Statistics, a M.A. in Mathematics, and a Post-Baccalaureate Certificate in Statistics. Additionally, students pursuing a doctoral degree at UNC Greensboro may obtain a doctoral minor in statistics.

Professor
Greg C. Bell
Maya Chihetni
Igor Erovenko
Richard H. Fabiano
Sat N Gupta
Sebastian Georg Manuel Pauli
Scott James Richter
Ratnasingham Shivaji, Helen Barton Excellence Professor
Clifford Dieter Smyth
Dan Yasaki
Haimeng Zhang

Associate Professor
Talia Fernos
Tom Lewis
Jonathan T. Rowell
Filip Saidak
Yi Zhang

Assistant Professor
Michael B Hull
Thomas Weighill

G Graduate-level faculty

- Mathematics Undergraduate Minor (https://catalog.uncg.edu/arts-sciences/mathematics-statistics/mathematics-minor/)
- Statistics Undergraduate Minor (https://catalog.uncg.edu/arts-sciences/mathematics-statistics/statistics-minor/)
- Mathematics Second Academic Concentration (https://nextcatalog.uncg.edu/arts-sciences/mathematics-statistics/mathematics-second-academic-concentration/)
- Computational Mathematics, Ph.D. (https://catalog.uncg.edu/arts-sciences/mathematics-statistics/computational-mathematics-phd/)