

# MATHEMATICS AND STATISTICS

College of Arts and Sciences

116 Petty Building  
336-334-5836  
<https://mathstats.uncg.edu>

**Scott Richter**, *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 M.S. in Applied Statistics 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<sup>G</sup>  
Maya Chhetri<sup>G</sup>  
Igor Erovenko<sup>G</sup>  
Richard H. Fabiano<sup>G</sup>  
Chunfeng Huang  
Tom Lewis<sup>G</sup>  
Sebastian Pauli<sup>G</sup>  
Scott James Richter<sup>G</sup>  
Ratnasingham Shivaji, *Helen Barton Excellence Professor*<sup>G</sup>  
Clifford Dieter Smyth<sup>G</sup>  
Dan Yasaki<sup>G</sup>  
Haimeng Zhang<sup>G</sup>

### Associate Professor

Michael B Hull<sup>G</sup>  
Filip Saidak<sup>G</sup>  
Yi Zhang<sup>G</sup>

### Assistant Professor

Jianping Sun<sup>G</sup>  
Thomas Weighill<sup>G</sup>

### Visiting Assistant Professor

Pemantha Lakraj Gamage  
Michael L Parker  
Neil Neil Pritchard  
Hyung-Joon Tag

### Senior Lecturer

Monika Goel

### Lecturer

Torre Eugene Caparatta  
Maxine Guzman  
Jonathan M. Milstead  
Xingnan Zhang

<sup>G</sup> Graduate-level faculty

- Mathematics, B.A. (<https://catalog.uncg.edu/arts-sciences/mathematics-statistics/mathematics-ba/>)
- Mathematics, B.S. (<https://catalog.uncg.edu/arts-sciences/mathematics-statistics/mathematics-bs/>)
- Statistics, B.S. (<https://catalog.uncg.edu/arts-sciences/mathematics-statistics/statistics-bs/>)
- 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://catalog.uncg.edu/arts-sciences/mathematics-statistics/mathematics-second-academic-concentration/>)
- Applied Statistics, M.S. (<https://catalog.uncg.edu/arts-sciences/mathematics-statistics/applied-statistics-ms/>)
- Statistics, Doctoral Minor (<https://catalog.uncg.edu/arts-sciences/mathematics-statistics/statistics-doctoral-minor/>)

- Statistics, Post-Baccalaureate Certificate (<https://catalog.uncg.edu/arts-sciences/mathematics-statistics/statistics-pbc/>)