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 the University of North Carolina at 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 Masters in Mathematics, and a Post-Baccalaureate Certificate in Statistics. Additionally, students pursuing a doctoral degree from another department at UNCG may obtain a doctoral minor in statistics.

Professor
Maya Chhetri\textsuperscript{G}
Richard H Fabiano\textsuperscript{G}
Sat N Gupta\textsuperscript{G}
Scott J Richter\textsuperscript{G}
Jan Rychtar\textsuperscript{G}
Ratnasingham Shivaji, Helen Barton Excellence Professor\textsuperscript{G}
Jerry Vaughan\textsuperscript{G}
Haimeng Zhang\textsuperscript{G}

Associate Professor
Gregory C Bell\textsuperscript{G}
Igor Erovenko\textsuperscript{G}
Talia Fernos\textsuperscript{G}
Xiaoli Gao\textsuperscript{G}
Sebastian G Pauli\textsuperscript{G}
Filip Saidak\textsuperscript{G}
Clifford D Smyth\textsuperscript{G}
Brett A Tangedal\textsuperscript{G}
Dan Yasaki\textsuperscript{G}

Assistant Professor
Yu-Min Chung\textsuperscript{G}
Tom Lewis\textsuperscript{G}
Jonathan T Rowell\textsuperscript{G}
Jianping Sun\textsuperscript{G}
Yi Zhang\textsuperscript{G}

Visiting Assistant Professor
Sahana Hassan Balasubramanya
Elizabeth Fowler Lewis

Lecturer
Richard T Cheek
Monika Goel
Matt Winston Jester

Senior Academic Professional
Tracey H Howell

\textsuperscript{G} Graduate-level faculty

- Mathematics Second Academic Concentration (https://nextcatalog.uncg.edu/arts-sciences/mathematics-statistics/mathematics-second-academic-concentration)
Mathematics and Statistics


Mathematics Disciplinary Honors

Requirements

- A minimum of 12 credit hours as detailed below.
- 3.30 or greater cumulative GPA at graduation
- A grade of B or higher in all course work used to satisfy the Honors requirement in Mathematics
- A declared Mathematics major

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Credit Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>MAT 310</td>
<td>Elementary Linear Algebra</td>
<td></td>
</tr>
<tr>
<td>MAT 311</td>
<td>Introduction to Abstract Algebra</td>
<td></td>
</tr>
<tr>
<td>MAT 390</td>
<td>Ordinary Differential Equations</td>
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<td>Introduction to Mathematical Analysis</td>
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<tr>
<td>MAT 493</td>
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</tr>
<tr>
<td>HSS 490</td>
<td>Senior Honors Project</td>
<td></td>
</tr>
</tbody>
</table>

Select two of the following: 6

Recognition

The designation “Completed Disciplinary Honors in Mathematics” and the title of the Senior Honors Project will be printed on the student’s academic transcript.

Honors Advisor

See Richard Fabiano, Honors Liaison, for further information and guidance about Honors in Mathematics.