

UNDERGRADUATE SECONDARY MATHEMATICS EDUCATION PROGRAM

DEPARTMENT MISSION:

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.

PROGRAM CURRICULUM INFORMATION:

The Undergraduate Secondary Mathematics Education Program has its own handbook offering information on required courses, admissions processes, and a proposed plan of study. The *Secondary Mathematics Teacher Licensure Handbook* may be found at <http://www.uncg.edu/mat/undergraduate/LicensureHandbook.pdf>.

DEPARTMENT GOALS:

The Department of Mathematics and Statistics is committed to offering well-rounded academic programs, which will provide graduates with competitive job skills, to contributing to the advancement of knowledge and techniques in Mathematics and Statistics through an active research program and to:

- 1) Providing flexible, solid undergraduate and graduate programs emphasizing both theoretical and applied skills, which challenge the intellect and cater to the diverse interests of our students.
- 2) Building and maintaining a first-rate, enthusiastic and vigorous faculty across the broad spectrum of mathematical sciences with the aims that each individual is internationally recognized for the depth and originality of his or her contributions and that collaborations lead to an environment that enhances combined contributions.
- 3) Being a resource in the mathematical sciences for other disciplines whose own activities have an ever-increasing need for the power of mathematics and statistics and to encourage and promote interdisciplinary partnerships, both on campus and in the larger research community.
- 4) Advancing our role in providing high quality training in mathematics teacher education to supply the anticipated need for well-prepared, competent elementary and secondary school mathematics teachers.
- 5) Providing service to the university, community and profession.

PROFESSIONAL EDUCATION REQUIREMENTS:

- 1) STEP Courses
- 2) Secondary Mathematics Licensure Competencies:
 - MAT 330 (fall, jr. yr.)
 - MAT 405 (spring, jr. yr.)
 - TED 558 (spring, jr. yr.)
 - MAT 406 (fall, sr. yr.)