

Next Steps

Freshman Highlights



- Classes to take: MAT 150 or MAT 151
- Schedule time to meet with an academic advisor in the Students First Office to develop a 4-year plan
- Apply to participate in special interest housing
- Sign up early for tutoring and Supplemental Instruction through Student Success Center
- Log into SpartanCareers to view jobs and start your career
- Check out undergraduate research opportunities
- Review the ExploreIt! Shadow Program

Sophomore Highlights



- Meet with your faculty advisor to ensure you are on track in completing your GEC requirements
- Visit Students First Office to estimate your GPA and re-view your degree evaluation
- Visit Career Services Center to talk with a Peer Career Ambassador. Time to get your major confirmed and re-sume started
- Attend Career Services Theme Weeks
- Begin to develop your professional network

Junior Highlights



- Discover leadership opportunities through clubs and organizations
- Check out opportunities—Office of Leadership & Service Learning
- Visit Career Services Center to complete your resume, practice interviewing, learn about graduate school, and/or prepare your internship search action plan
- Attend Career Fairs and Employer Information Sessions
- Continue to build your professional network by speaking with faculty, employers, and alumni
- Complete a Course Overload Form in Student First Office if you need to register for more than 18 hours

Senior Year Highlights



- Take Senior Capstone Class: HIS 511
- Meet with your faculty advisor to finalize your plans
- Apply for graduation via University Registrar - watch out for **deadlines**
- Take the "Senior Check Up" to see what skills or experiences you should make use of at Career Services
- Start applying to jobs and graduate programs
- Attend Career Fairs
- Network, network, network

B.A./B.S. in Mathematics & Statistics



MAP IT!

Chart your course

Department of Mathematics

<http://www.uncg.edu/mat>

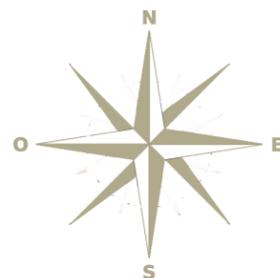
Career Services Center

#1 Elliott University Center

336.334.5454

career_services@uncg.edu

csc.dept.uncg.edu



Students First

061 McIver Building

336.334.5730

students@uncg.edu

studentsfirst.uncg.edu



THE UNIVERSITY *of* NORTH CAROLINA
GREENSBORO

Mathematics & Statistics

WHERE IT CAN TAKE YOU

Sample Work Functions

Those who study this major generally direct their skills, experience, and knowledge towards the following career functional areas:

- Accountant
- Actuary
- Architect
- Computer Programmer
- Drafter
- Mathematician
- Engineer
- Risk Management
- Investments
- Statistician

Sample Work Settings

Here is a sample of work settings (or work environments) that might interest someone with this educational background.

- Banking
- Insurance Firms
- Business Corporations
- Universities & Colleges
- Utility Companies
- Consulting
- Marketing
- Engineering
- Software Firms
- Research Firms
- Federal & State Government
- K-12 Education
- Non Profit Organizations
- City/State Government

Sample Salary Information

Salary information below represents median trends for sample job functions below and may not account for variables including geography, candidate background, or other factors involved in salary negotiation. For more complete information, check out the O*Net and the Occupational Outlook Handbook in addition to conducting informational interviews with professionals in the field.

- Actuary: \$87,650
- Architect: \$72,550
- Cartographer: \$54,510
- Computer Programmer: \$71,380
- Civil Engineer: \$146,920*
- Underwriter: \$59,290

*additional education may be required

Organizations Where Our Alumni Have Gone

- BB&T
- Beyond Academics
- Center for Open Science
- Chase
- General Electric
- NASA
- State Department
- American Express
- Hanesbrands, Inc.

HOW TO GET THERE

Try on this major

There are several courses within the Mathematics department that any UNCG student can take as a way to “try on” the major and determine if it is a good fit for you. Talk with your advisor about taking one or both of these courses during your first year:

MAT 191: Calculus I (GEC:GMT)*

MAT 292: Calculus II *

*These courses fulfill degree requirements as outlined in the Undergraduate Bulletin

When to take coursework

Students pursuing a Mathematics degree are required to take several different General Education Core (GEC) and College Additional Requirements (CAR) courses during their freshman and sophomore years. To ensure that you stay on track to graduate, talk with your advisor about registering for the following courses:

MAT 151 —first semester freshman year (requires students to place out of or complete MAT 150.)

ENG 101 —first semester freshman year

Many students who pursue the Mathematics major will already have credit for MAT 151, but students who do not already have credit for this course should plan to take MAT 151 by the end of the freshman year because this course is a pre-requisite for required higher-level courses in the major.

Campus Organizations & Clubs and Professional Associations

- Math Association of America
- Math Club
- Phi Mu Epsilon

Special Interest Housing

Special interest housing communities are residential-based programs designed to enhance the overall undergraduate student experience by fostering one-on-one relationships between faculty, staff, and students in a close knit residence hall environment. Students are encouraged to explore intellectual, cultural, and social interests through experiential activities often linked to the academic curriculum. Students learn with friends, while gaining real-world experience all where they live. Special interest housing options include:

- Lloyd International Honors College
- Living-Learning Communities
- Residential Colleges
- Themed Communities

Past Internship Sites

Note: this is a partial listing of where students have interned in the past. Internships are not guaranteed; work with your academic program and the Career Services Center to strategize your plans for an internship to complement your students.

- School of Nanoscience and Nanoengineering
- Peace Corps
- Cultural Embrace
- EPA

Sample Graduate Programs

Students graduating from this undergraduate program also look at continuing their education in these sample programs:

- Applied Math
- Physics
- Medical School
- Engineering Programs
- Computer Science Programs
- Business Programs

GPA & Other Requirements

Once you declare a Mathematics major and select your academic concentration, you want to be sure you are aware of the various GPA and program requirements. Knowing these in advance will help you stay on track each semester and in planning out your long-term goals.

Concentration	GPA & Program Requirements	Application Procedures
Mathematics (BS/BA) Math Concentration Statistics Concentration	<ul style="list-style-type: none"> • A grade of C or higher must be earned for all major requirement courses 	
Mathematics with High School Teaching Licensure*	<ul style="list-style-type: none"> • Students must satisfy the requirements for the BA degree, and must complete three additional courses. • GPA of 2.5 overall and in the major • Completion of all GEC requirements • Satisfactory scores on the Praxis I 	Students must be admitted to Teacher Education program. Students may apply at the end of their sophomore year. More information can be found in the Secondary Teacher Education Handbook.

*This licensure program relies heavily on early and adequate advising. It is the student’s responsibility to meet as soon as possible with both his/her major advisor and the secondary education advisor in the School of Education Office of Student Services.

Sample Minors/Double-Majors

Often, UNCG students may be interested in pursuing a second major or a minor to complement their major. If this is of interest to you, be sure to discuss it with your advisor early on. Some possible minors or majors to consider include:

- Biology
- Computer Science
- Physics
- Education