APPLIED STATISTICS, M.S.

The Department of Mathematics and Statistics offers a Master of Science degree with a major in Applied Statistics. The Applied Statistics graduate program is designed to provide students with excellent data analytics training and problem-solving skills for employment in various settings such as the health and insurance sectors, government agencies, and business entities.

For information regarding deadlines and requirements for admission, please see the Guide to Graduate Admissions (https://grs.uncg.edu/prospective/guide/).

In addition to the application materials required by the Graduate School, applicants must submit the following documents with the application:

- Personal statement summarizing the applicant's background and professional interest.
- Three reference letters.
- Official transcripts from all previous institutions.

Applicants are required to have a bachelor's degree in math, statistics, or related quantitative field from an accredited college or university or appropriately evaluated credentials for non-U.S. institutions. An undergraduate minimum GPA of 3.0 is required. TOEFL or IELTS scores are required for international applicants.

Degree Program Requirements

Required: 30 credit hours

Code	Title	Credit Hours
Required Courses (15 credits)		
STA 602	Statistical Methods for Data Analytics	3
STA 606	Solving Problems with Data Analytics	3
STA 631	Introduction to Probability	3
STA 632	Introduction to Mathematical Statistics	3
STA 640	SAS System for Statistical Analysis	1
STA 668	Consulting Experience *	2
Elective Courses (12 credits)		
Select 12 credits of electives from 600- and 700-level STA courses **		12
Capstone Experience (3 credits)		
STA 698	Project in Statistics	3
Total Credit Hours		**30**

* *A total of 2 credits in* STA 668 *is required.*

** *Up to 6 credits may be selected from graduate courses in other departments, including:*

- *Mathematics*
- *Computer Science*
- *Economics*
- *Educational Research Methodology*
- *Informatics and Analytics*
- *Information Systems and Supply Chain Management*