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 https://grs.uncg.edu/programs/.

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*