Analytics

The Master of Science in Analytics (MSA) is uniquely designed to equip students for the task of deriving and effectively communicating actionable insights from a vast quantity and variety of data. It is an intensive 10-month degree with a strong practical orientation focused on the tools and methods used by data scientists. It is a fully integrated course of study taught exclusively to MSA students and designed to produce well-rounded professionals. Student teams tackle genuine problems with data provided by industry and government sponsors.

Admission Requirements

Admission to the MSA program is highly competitive. The best-qualified applicants will be accepted up to the limited number of seats available for students each year. The Admissions Committee evaluates candidates on criteria such as:

- overall academic record and grade point average;
- academic performance in analytical/quantitative subjects;
- relevant employment experience and potential to succeed in the profession; and
- leadership potential, integrity, and other personal character traits.

The Institute welcomes applications from highly motivated individuals of exceptional talent regardless of undergraduate major. Applicants without prior coursework in statistics and/or experience with computer programming would need to complete a set of prerequisite courses before qualifying as a candidate for admission.

Master’s Degree Requirements

Students complete 30 credit hours of defined coursework in a period of ten months beginning in Summer Session II and ending the following Spring semester. The integrated curriculum is designed to provide a focused education in the software tools, methods and applications of data analytics.

Other Relevant Information

Students must begin the degree program in the first semester (Summer Session II) and complete all 30 credit hours of the curriculum. The program is designed for full-time students only. Applications for admission are reviewed between September and April.

2021-2022 Program Schedule

**Summer II 2021: AA 500 and AA 501**

- Start date: June 24, 2021
- Census date: June 30, 2021
- Withdrawal date: June 28, 2021 (no refund on or after July 14, 2021)
- End date: July 30, 2021
- Last day of finals: July 30, 2021
- Communications Training (required): August 2 - August 13, 2021

**Fall 2021: AA 502 and AA 504**

- Start date: August 18, 2021
- Census date: August 27, 2021
- Withdrawal date: August 18 (no refund after October 13, 2021)
- End date: December 3, 2021

**Spring 2022: AA 503 and AA 505**

- Start date: January 10, 2022
- Census date: January 24, 2022
- Withdrawal date: January 10 (no refund on or after March 7, 2022)
- End date: April 30, 2022
- Last day of finals: April 30, 2022
- Spring Commencement: May 7, 2022

Degrees

- Analytics (MS) (http://catalog.ncsu.edu/graduate/institute-advanced-analytics/analytics/analytics-ms/)

Full Professors

Christopher G. Healey
Michael A. Rappa

Practice/Research/Teaching Professors

Shaina L. Race Bennett
Aric David LaBarr
Susan Jeanne Simmons
Andrea Villanes Arellano

Affiliate Faculty

Sarah Egan Warren
Christopher West