

Business Analytics (Certificate)

The Graduate Certificate in Business Analytics helps to develop management professionals who are skilled in big data analysis and decision-making. It provides management professionals with advanced skills and techniques to address both specific and industry-wide business problems.

More Information

Business Analytics Program Website (<https://mba.ncsu.edu/academics/certificate-programs/analytics-certificate/>)

Admission requirements

For admission requirements, please visit the admissions website (<https://mba.ncsu.edu/customize-your-program/certificates/certificate-admissions/>). Please note that current graduate students at NC State may not dual enroll into this certificate (exception – Jenkins MBA, MMA and MRA students).

Applicant Information

- **Delivery Method:** On Campus, Online, Hybrid, Off-Site
- **Entrance Exam:** None
- **Interview Required:** Yes

Application Deadlines

- **Fall:** May 15
- **Spring:** October 31

Plan Requirements

Pre-Requisites

Students should have taken MBA 506 Data Driven Managerial Decisions 1(1 hr) and MBA 507 Data Driven Managerial Decisions 2 (1 hr) in order to successfully complete this certificate.

Code	Title	Hours	Counts towards
Required Courses			6
MBA 551	Predictive Analytics for Business and Big Data		
MBA 552	Data Engineering, Management and Warehousing		
Required Practicum Course			3

Students need to take either OPTION A or one of the courses from OPTION B that are picked in conjunction with the academic advisor.

Option A

MBA 559 Business Analytics Practicum

Option B

Select one of the courses listed below in conjunction with the academic advisor

MBA 519 Enterprise Risk Management Practicum

MBA 524 Equity Valuation

MBA 549 Supply Chain Management Practicum

MBA 589 Jenkins Consulting Practicum

Elective Courses 3

Select one of the following courses:

ECG 561 Applied Econometrics I

ECG 562 Applied Econometrics II

MBA 545 Decision Making under Uncertainty

MBA 548 Analytical Supply Chain Management

MBA 565 Marketing Analytics

MBA 566 Digital Marketing

MBA 590 Special Topics In Business Management (Innovation and the IoT Marketplace)

Total Hours 12

¹ Students can select one of the following practicum course options, provided the project they complete in the course has an analytic focus. Students will need approval from the certificate director before enrolling in one of these courses for analytic certificate credit.

Faculty

Full Professors

Jon Bohlmann

Sebastian Heese

Richard Warr

Associate Professors

Denis Pelletier

Bill Rand

Jeffrey Stonebraker

Assistant Professors

Sherry Fowler

Donnie Hale

Rishika Rishika