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
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	
ECG 564	Big Data Econometrics	
MBA 544	Operations Analysis	
MBA 545	Decision Making under Uncertainty	
MBA 548	Analytical Supply Chain Management	
MBA 565	Marketing Analytics	
MBA 566	Digital Marketing	
MBA 584	Root Cause Analysis: Interpreting Data for Decision-Making	
MBA 590	Special Topics In Business Management (Business Analysis with SQL)	
MBA 590	Special Topics In Business Management (CRM Analytics)	
MBA 590	Special Topics In Business Management (Digital Transformation)	
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