

# BUSINESS ANALYTICS MASTER OF SCIENCE

## Leading to a Master of Science Degree in Business Analytics

The Master of Science in Business Analytics allows you to learn when it is convenient for you, with options to complete your degree in less than 1 year, full-time.

In addition, the program will draw on several disciplines to provide a well-rounded, flexible experience. Electives from a cross-section of disciplines and schools will be offered including Applied Mathematics, Computer Science & Networking, Management, and Sciences.

### Program Educational Objectives

Hands-on, project-based learning opportunities will give you the skills and knowledge you need to derive data-driven insights. Learn how to prepare data-informed solutions to business-related challenges and implement actionable business strategies based on quantitative modeling. Master the use of data munging/management principles to extract, load, process, and transform real-world data. And understand the ethical consequences of data-informed decision-making and how to communicate data findings effectively.

Top off your experience with a capstone project, integrating what you've learned and the skills you've developed to solve real-world challenges.

Total credits for degree: 33 Credits

### Recommended full-time course sequence:

Course	Title	Credits
<b>Semester One</b>		
DATA6100	DATA VISUALIZATION	3
MGMT6150	APPLIED BUSINESS ANALYTICS	3
DATA6200	DATA MANAGEMENT	3
<b>Credits</b>		<b>9</b>
<b>Semester Two</b>		
DATA6900	CAPSTONE I	3
MGMT6200	QUANTITATIVE MANAGEMENT	3
MGMT6250	DATA-DRIVEN MARKETING	3
BUSINESS ANALYTICS ELECTIVE		3
<b>Credits</b>		<b>12</b>
<b>Semester Three</b>		
DATA6950	CAPSTONE II	3
BUSINESS ANALYTICS ELECTIVE		3
BUSINESS ANALYTICS ELECTIVE		3
BUSINESS ANALYTICS ELECTIVE		3
<b>Credits</b>		<b>12</b>
<b>Total Credits</b>		<b>33</b>

### Recommended part-time course sequence:

Course	Title	Credits
<b>Year One</b>		
<b>Semester One</b>		
DATA6100	DATA VISUALIZATION	3

Course	Title	Credits
MGMT6150	APPLIED BUSINESS ANALYTICS	3
<b>Credits</b>		<b>6</b>
<b>Semester Two</b>		
MGMT6200	QUANTITATIVE MANAGEMENT	3
MGMT6250	DATA-DRIVEN MARKETING	3
<b>Credits</b>		<b>6</b>
<b>Semester Three</b>		
BUSINESS ANALYTICS ELECTIVE		3
BUSINESS ANALYTICS ELECTIVE		3
<b>Credits</b>		<b>6</b>
<b>Year Two</b>		
<b>Semester One</b>		
DATA6200	DATA MANAGEMENT	3
<b>Credits</b>		<b>3</b>
<b>Semester Two</b>		
BUSINESS ANALYTICS ELECTIVE		3
DATA6900	CAPSTONE I	3
<b>Credits</b>		<b>6</b>
<b>Semester Three</b>		
BUSINESS ANALYTICS ELECTIVE		3
DATA6950	CAPSTONE II	3
<b>Credits</b>		<b>6</b>
<b>Total Credits</b>		<b>33</b>

Electives may include subjects such as Behavior Analytics and Risk Management.