

# UNT College of Business

## MBA Business Analytics (2019-2020)

The MBA in Business Analytics is designed to provide an extensive base of knowledge of managerial responsibilities. An MBA program is designed for students who desire a more general management background than an MS in Business Analytics, which has more of a specialization and focus in the field. Additional information on the Decision Sciences program may be obtained from the Information Technologies and Decision Sciences department or departmental advisor.

Career opportunities after you complete the MBA program through the Department of Information Technology and Decision Sciences are abundant. An MBA with a concentration in Business Analytics supports growth and development from two perspectives. One, if you have an established career path, the Business Analytics concentration provides you the opportunity to gain the broader, more general perspective necessary for promotion to leading managerial positions. Two, if you are preparing for the business world, the combination of an undergraduate degree with an MBA concentration in Business Analytics provides an excellent foundation for additional career opportunities.

### CAREER POSSIBILITIES

Business Analyst | Computer Specialist | Data Mining Specialist | Program Directors | Statistical Manager | Statistician | Survey Researcher

## COURSE REQUIREMENTS

### CORE COURSES (18 HOURS)

- ACCT 5130 (3 hrs.) Accounting for Management
- DSCI 5180 (3 hrs.) Intro to the Business Decision Process
- FINA 5170 (3 hrs.) Financial Management
- MKTG 5150 (3 hrs.) Marketing Management
- MGMT 5140 (3 hrs.) Organizational Behavior and Analysis
- BUSI 5190 (3 hrs.) Administrative Strategy (last semester)

### REQUIRED COURSES (12 HOURS)

- DSCI 5210 (3 hrs) Model-Based Business Intelligence
- DSCI 5240 (3 hrs) Data Mining
- DSCI 5260 (3 hrs) Business Process Analytics
- DSCI 5330 (3 hrs) Enterprise Appl. of Business Intelligence

### SUPPORTING COURSES (6 HOURS SELECTED FROM)

- DSCI 5350 (3 hrs) Big Data Analytics
- DSCI 5360 (3 hrs) Visualization Analytics
- DSCI 5320 (3 hrs) Quality Control
- DSCI 5250 (3 hrs) Statistical Techniques in Simulation
- DSCI 5340 (3 hrs) Predictive Analytics & Business Forecasting



### QUESTIONS OR READY TO APPLY?

Contact a staff member in the College of Business Graduate Program's Office. [MBACOB@unt.edu](mailto:MBACOB@unt.edu) / 940-369-8977

### BACKGROUND COURSES/CONTENT

The College of Business Graduate Programs Office works with students to determine if background deficiency courses will be necessary. Background content might include Financial and Managerial Accounting, Business Information Systems, Statistics, Business Law, Finance, Marketing, Micro and Macro Economics, Operations Management and Calculus. Deficiencies can be completed via traditional academic coursework or through Ivy Software and Responsive.net. Ivy Software and Responsive.net deliver self-paced online learning modules that provide the needed background content without the need to formally enroll in courses at UNT. For more information go to [cob.unt.edu/background](http://cob.unt.edu/background).

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Course Number		Course Name	Proposed Schedule of Course Offerings		
			Fall	Spring	Summer
<b>MBA CORE COURSES (18 hours)</b>					
ACCT	5130	Accounting for Management (Prerequisites: ACCT 5020, ECON 5000, DSCI 5010, MATH 1190 (or calculus))	16W (Frisco) 8W2 (Online)	16W (UNT) 8W1 (Online)	
DSCI	5180	Introduction to the Business Decision Process (Prerequisites: DSCI 5010 or equivalent)	8W1 (Online) 16W (UNT)	16W (Frisco) 8W1 (Online)	5W1 (Online)
FINA	5170	Financial Management (Prerequisites: ACCT 5020, FINA 5040, ECON 5000, MATH 1190 (or calculus), BCIS 5090, DSCI 5010 or equivalent)	16W (UNT) 8W1 (Online)	16W (UNT) 16W (Frisco)	5W2 (UNT) 5W1 (Online)
MGMT	5140	Organizational Behavior and Analysis	16W (Frisco) 8W1 (Online) 8W2 (Online)	16W (UNT) 16W (Frisco) 8W1 (Online)	3W1 (Online) 5W1 (Online)
MKTG	5150	Marketing Management (Prerequisites: MKTG 5000, ACCT 5020; or consent of department)	8W1 (Online) 16W (Frisco)	8W1 (Online) 8W2 (Online)	10WK (Online)
BUSI	5190	Administrative Strategy (This course is taken in your last term) Request enrollment <a href="https://cob.unt.edu/masters/request-busi-5190-enrollment">https://cob.unt.edu/masters/request-busi-5190-enrollment</a>	8W1 (Online)	8W1 (Online) 3W (Online)	5W2 (Online)
<b>REQUIRED COURSES (12 hours)</b>					
DSCI	5210	Model-Based Business Intelligence		16W (UNT) 16W (Frisco)	
DSCI	5240	Data Mining	16W (UNT) 16W (Frisco)	16W (UNT)	
DSCI	5260	Business Process Analytics	16W (UNT) 16W (Frisco)	16W (UNT) 16W (Frisco)	
DSCI	5330	Enterprise Applications of Business Intelligence	16W (UNT) 16W (Frisco)		
<b>SUPPORTING COURSES (6 hours selected from)</b>					
DSCI	5350	Big Data Analytics		16W (UNT) 16W (Frisco)	3W1 (UNT) 3W1 (Frisco)
DSCI	5360	Data Visualization for Analytics		16W (UNT) 16W (Frisco)	3W1 (UNT) 3W1 (Frisco)
DSCI	5320	Quality Control		16W (UNT) 16W (Frisco)	
DSCI	5250	Statistical Techniques in Simulation	16W (UNT) 16W (Frisco)		
DSCI	5340	Predictive Analytics and Business Forecasting		16W (UNT) 16W (Frisco)	

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