# UNT College of Business
## MBA Business Analytics

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. Or, 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 / 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 enrolling in courses at UNT. For more information go to *cob.unt.edu/background.*

## UNT
### EST. 1890

# UNT College of Business

## MBA Business Analytics

| Course Number | | Course Name | Proposed Schedule of Course Offerings | | |
|---|---|---|---|---|---|
| | | | **Fall** | **Spring** | **Summer** |
| **MBA CORE COURSES (18 hours)** | | | | | |
| ACCT | 5130 | Accounting for Management | 16W (Frisco) 8W2 (Online) | 16W (UNT) 8W1 (Online) | |
| DSCI | 5180 | Introduction to the Business Decision Process | 8W1 (Online) 16W (UNT) | 16W (Frisco) 8W1 (Online) | 5W1 (Online) |
| FINA | 5170 | Financial Management | 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 | 16W (UNT) 16W (Frisco) | 16W (UNT) 8W1 (Online) | 10WK (Online) |
| BUSI | 5190 | Administrative Strategy (This course is taken in your last term) Request enrollment https://cob.unt.edu/masters/request-busi-5190-enrollment | 8W1 (Online) | 16W (UNT) 8W1 (Online) | 5W2 (Online) |
| **REQUIRED COURSES (12 hours)** | | | | | |
| DSCI | 5210 | Model-Based Business Intelligence | 16W (UNT) | | |
| DSCI | 5240 | Data Mining | 16W (UNT) 16W (Frisco) | | |
| DSCI | 5260 | Business Process Analytics | | 16W (UNT) | |
| DSCI | 5330 | Enterprise Applications of Business Intelligence | 16W (UNT) | | |
| **SUPPORTING COURSES (6 hours selected from)** | | | | | |
| DSCI | 5350 | Big Data Analytics | | 16W (UNT) | |
| DSCI | 5360 | Visualization Analytics | 16W (UNT) | 16W (Frisco) | |
| DSCI | 5320 | Quality Control | 16W (UNT) | | |
| DSCI | 5250 | Statistical Techniques in Simulation | 16W (UNT) | | |
| DSCI | 5340 | Predictive Analytics and Business Forecasting | | 16W (UNT) | |

*All attempts will be made to offer courses as per the schedule presented above. However, resources constraints and other contingencies may require minor adjustments in course offerings. This is provided to serve as a guide and is subject to change. Please use UNT's Searchable Database (available at http://registrar.unt.edu/registration) for information and other offerings of these courses.