UNIVERSITY OF NORTH TEXAS
G. BRINT RYAN COLLEGE OF BUSINESS
MBA BUSINESS ANALYTICS (STEM) (2020-2021)

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 POSSIBLITIES

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

DEGREE 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)
BICS 5110 (3 hrs) Programming Languages for Business Analytics
BCIS 5120 (3 hrs) Information Systems Development
DSCI 5350 (3 hrs) Big Data Analytics
DSCI 5360 (3 hrs) Visualization Analytics
DSCI 5250 (3 hrs) Statistical Techniques in Simulation
DSCI 5340 (3 hrs) Predictive Analytics & Business Forecasting

BACKGROUND COURSES/CONTENT

Background content includes:
» Micro and Macro Economics
» Financial Accounting
» Managerial Accounting
» Business Law
» Calculus

Deficiencies can be completed through Ivy Software and Responsive.net. The Ryan College of Business Graduate Programs Office works with students to determine if background deficiency courses will be necessary.

READY TO APPLY? NEED TO GET ADVISED?

CONTACT A STAFF MEMBER IN THE GRADUATE PROGRAM'S OFFICE AT *MBACOB@UNT.EDU* OR CALL **940-369-8977**

MBA BUSINESS ANALYTICS (STEM)

COURSE NUMBER		COURSE NAME	PROPOSED SCHEDULE OF COURSE OFFERINGS		
			FALL	**SPRING**	**SUMMER**

MBA CORE COURSES (18 HOURS)

COURSE NUMBER		COURSE NAME	FALL	SPRING	SUMMER
ACCT	5130	**ACCOUNTING FOR MANAGEMENT** *(Prerequisites: Financial & Managerial Acct, Econ, Calc)*	✓ONLINE ✓FRISCO	✓ONLINE ✓DENTON	✓ONLINE
DSCI	5180	**INTRODUCTION TO THE BUSINESS DECISION PROCESS**	✓ONLINE ✓DENTON	✓ONLINE ✓DENTON ✓FRISCO	✓ONLINE
FINA	5170	**FINANCIAL MANAGEMENT** *(Prerequisites: Financial & Managerial Acct)*	✓ONLINE ✓DENTON ✓FRISCO	✓ONLINE ✓DENTON ✓FRISCO	✓ONLINE
MGMT	5140	**ORGANIZATIONAL BEHAVIOR AND ANALYSIS**	✓ONLINE ✓DENTON ✓FRISCO	✓ONLINE ✓DENTON ✓FRISCO	✓ONLINE
MKTG	5150	**MARKETING MANAGEMENT** *(Prerequisites: Financial & Managerial Acct)*	✓ONLINE ✓FRISCO	✓ONLINE	✓ONLINE
BUSI	5190	**ADMINISTRATIVE STRATEGY** *This course is taken in your last term. Request enrollment: https://cob.unt.edu/masters/request-busi-5190-enrollment*	✓ONLINE	✓ONLINE	✓ONLINE

REQUIRED COURSES (12 HOURS)

COURSE NUMBER		COURSE NAME	FALL	SPRING	SUMMER
DSCI	5210	**MODEL-BASED BUSINESS INTELLIGENCE**	✓ONLINE	✓DENTON	
DSCI	5240	**DATA MINING**	✓ONLINE ✓DENTON ✓FRISCO	✓DENTON	
DSCI	5260	**BUSINESS PROCESS ANALYTICS**	✓DENTON ✓FRISCO	✓ONLINE ✓DENTON ✓FRISCO	✓ONLINE ✓DENTON
DSCI	5330	**ENTERPRISE APPLICATIONS OF BUSINESS INTELLIGENCE**	✓DENTON ✓FRISCO		✓ONLINE

SUPPORTING COURSES (6 HOURS SELECTED FROM)

COURSE NUMBER		COURSE NAME	FALL	SPRING	SUMMER
BCIS	5110	**PROGRAMMING LANGUAGES FOR BUSI ANALYTICS**	✓DENTON		
BCIS	5120	**INFORMATION SYSTEMS DEVELOPMENT**	✓DENTON	✓DENTON	
DSCI	5250	**STATISTICAL TECHNIQUES IN SIMULATION**	✓DENTON		
DSCI	5350	**BIG DATA ANALYTICS**		✓DENTON	✓DENTON ✓FRISCO
DSCI	5360	**VISUALIZATION ANALYTICS**	✓FRISCO	✓ONLINE	✓ONLINE ✓DENTON ✓FRISCO
DSCI	5340	**PREDICTIVE ANALYTICS AND BUSINESS FORECASTING**	✓FRISCO	✓DENTON ✓FRISCO	✓DENTON ✓FRISCO