UNIVERSITY OF NORTH TEXAS
G. BRINT RYAN COLLEGE OF BUSINESS

MBA IN BUSINESS ANALYTICS (STEM)

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

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 Applications Of Business Intelligence

SUPPORTING COURSES (6 HOURS SELECTED FROM)

BCIS 5110 (3 hrs.) Programming Languages for Business Analytics
BCIS 5120 (3 hrs.) Information Systems Development
BCIS 5420 (3 hrs.) Foundations of Database Management
BCIS 5610 (3 hrs.) Enterprise Data Warehousing
DSCI 5250 (3 hrs.) Statistical Techniques in Simulation
DSCI 5320 (3 hrs.) Quality Control
DSCI 5340 (3 hrs.) Predictive Analytics & Business Forecasting
DSCI 5350 (3 hrs.) Big Data Analytics
DSCI 5360 (3 hrs.) Visualization Analytics

BACKGROUND COURSES/CONTENT

Accounting Foundations
Business Law

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

READY TO APPLY? NEED TO GET ADVISED?

CONTACT A STAFF MEMBER IN THE GRADUATE PROGRAM'S OFFICE AT ***RCoBMasters@unt.edu*** OR CALL ***940-369-8977***

COURSE #	COURSE NAME	PROPOSED SCHEDULE OF COURSE OFFERINGS		
		FALL	SPRING	SUMMER
CORE COURSES (18 HOURS)				
ACCT 5130	ACCOUNTING FOR MANAGEMENT *(Prerequisites: Acct. Foundations)*	✓	✓	✓
DSCI 5180	INTRODUCTION TO THE BUSINESS DECISION PROCESS	✓	✓	✓
FINA 5170	FINANCIAL MANAGEMENT *(Prerequisites: Acct. Foundations & DSCI 5180)*	✓	✓	✓
MKTG 5150	MARKETING MANAGEMENT *(Prerequisites: ACCT 5130)*	✓	✓	✓
MGMT 5140	ORGANIZATIONAL BEHAVIOR AND ANALYSIS	✓	✓	✓
BUSI 5190	ADMINISTRATIVE STRATEGY *Course is taken in your last term.*	✓	✓	✓
REQUIRED COURSES (12 HOURS)				
DSCI 5210	MODEL-BASED BUSINESS INTELLIGENCE	✓	✓	✓
DSCI 5240	DATA MINING *(Prerequisite: DSCI 5180)*	✓	✓	✓
DSCI 5260	BUSINESS PROCESS ANALYTICS	✓	✓	✓
DSCI 5330	ENTERPRISE APPLICATIONS OF BUSINESS INTELLIGENCE	✓	✓	✓
SUPPORTING COURSES (6 HOURS SELECTED FROM)				
BCIS 5110	PROGRAMMING LANGUAGES IN BUSINESS ANALYTICS	✓	✓	✓
BCIS 5120	INFORMATION SYSTEMS DEVELOPMENT	✓	✓	✓
BCIS 5420	FOUNDATIONS OF DATABASE MANAGEMENT	✓	✓	✓
BCIS 5610	ENTERPRISE DATA WAREHOUSING	✓	✓	
DSCI 5250	STATISTICAL TECHNIQUES IN SIMULATION	✓		
DSCI 5320	QUALITY CONTROL			
DSCI 5340	PREDICTIVE ANALYTICS AND BUSINESS FORECASTING	✓	✓	✓
DSCI 5350	BIG DATA ANALYTICS *(Prerequisite: DSCI 5180)*	✓	✓	
DSCI 5360	DATA VISUALIZATION FOR ANALYTICS	✓	✓	✓