

UNT College of Business

MBA in Decision Sciences



The MBA in Decision Sciences 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 Decision Sciences supports growth and development from two perspectives. One, if you have an established career path, the Decision Sciences 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 Decision Sciences provides an excellent foundation for additional career opportunities.

CAREER POSSIBILITIES

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

PROFESSIONAL ORGANIZATIONS

Students majoring in Decision Sciences have numerous opportunities to participate in student organizations. Among these are: Association for Information Systems (AIS) and INFORMS.

COURSE REQUIREMENTS

BACKGROUND COURSES (18 HOURS)

*NOTE: Background courses may be required if your undergraduate degree did not prepare you for current master level courses. Background courses are assessed on an as needed basis after evaluation of undergraduate transcripts.

ACCT 5020 (3 hrs.) Accumulation and Analysis of Acct.
BCIS 5090 (1.5 hrs.) Intro. to Busi. Computer Info. Systems
BLAW 5050 (1.5 hrs.) Legal, Reg. and Ethical Env. of Business
DSCI 5010 (1.5 hrs.) Statistical Analysis
ECON 5000 (3 hrs.) Economic Concepts
FINA 5040 (1.5 hrs.) Intro. to Finance and Financial Math
MATH 1190 (3 hrs.) Business Calculus (or other calc. course)
MGMT 5070 (1.5 hrs.) Management Issues
MKTG 5000 (1.5 hrs.) Marketing Concepts

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 (9 HOURS)

DSCI 5210 (3 hrs) Model-Based Business Intelligence
DSCI 5240 (3 hrs) Data Mining
DSCI 5260 (3 hrs) Business Process Analytics

SUPPORTING COURSES (6 HOURS)

Select two of the following courses:
DSCI 5320 (3 hrs) Quality Control
DSCI 5250 (3 hrs) Statistical Techniques in Simulation
DSCI 5330 (3 hrs) Enterprise Appl. of Business Intelligence
DSCI 5340 (3 hrs) Predictive Analytics & Business Forecasting

ELECTIVE COURSE (3 HOURS)

One 3 hour 5XXX course selected in consultation with the departmental advisor, and must be outside of the DSCI discipline.

COLLEGE OF
BUSINESS

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Business Leadership Starts Here.

940-369-8977 | MBAcob@unt.edu
www.cob.unt.edu/programs/masters

MBA in Decision Science

Proposed Schedule of Course Offerings*

Course Number		Course Name	Proposed Schedule of Course Offerings		
			Fall	Spring	Summer
BACKGROUND COURSES					
ACCT	5020	Accumulation and Analysis of Accounting Data	XXX**	XXX**	XXX**
BCIS	5090	Introduction to Business Computer Information Systems	XXX**	XXX**	
BLAW	5050	Legal, Regulatory, and Ethical environment of Business	XXX**	XXX	XXX**
DSCI	5010	Statistical Analysis	XXX**	XXX**	
ECON	5000	Economic Concepts	XXX**	XXX**	XXX**
FINA	5040	Introduction to Finance and Financial Mathematics	XXX**	XXX**	
MATH	1190	Business Calculus	XXX**	XXX**	XXX
MKTG	5000	Marketing Concepts	XXX**	XXX**	XXX**
MGMT	5070	Management Issues	XXX**		
MBA CORE COURSES (18 hours)					
ACCT	5130	Accounting for Management	XXX	XXX**	XXX
DSCI	5180	Introduction to the Business Decision Process	XXX**	XXX**	XXX**
FINA	5170	Financial Management	XXX**	XXX	XXX**
MGMT	5140	Organizational Behavior and Analysis	XXX**	XXX**	XXX**
MKTG	5150	Marketing Management	XXX	XXX**	XXX**
BUSI	5190	Administrative Strategy (This course is taken in your last term)	XXX**	XXX**	XXX**
CONCENTRATION COURSES (15 hours)					
Required Courses (9 hours)					
DSCI	5210	Model-Based Business Intelligence		XXX	
DSCI	5240	Data Mining	XXX		
DSCI	5260	Business Process Analytics		XXX	
Supporting Courses (6 hours - select two of the following):					
DSCI	5320	Quality Control	XXX		
DSCI	5250	Statistical Techniques in Simulation	XXX		
DSCI	5330	Enterprise Applications of Business Intelligence	XXX		
DSCI	5340	Predictive Analytics and Business Forecasting		XXX	
ELECTIVE COURSES (3 hours)					
ELECTIVE	One 3-hour (5XXX) elective, selected by the student in consultation with the concentration advisor, is required outside of DSCI.		XXX**	XXX**	XXX**

*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 our Searchable Database (available at <http://www.cob.unt.edu/programs/courses>) for information and other offerings of these courses.

**Online classes available.