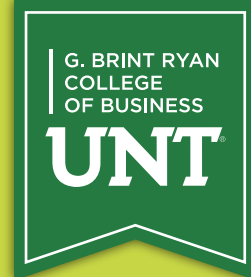


UNIVERSITY OF NORTH TEXAS G. BRINT RYAN COLLEGE OF BUSINESS



MS INFORMATION SYSTEMS & TECHNOLOGIES (STEM)

The Master of Science in Information Systems is designed to provide an appropriate base of knowledge for entry into the management information systems or decision sciences profession. The program is intended for those students who desire a strong, specialist degree in the management of information technology or decision sciences. Because of its specialization and focus, the MS in Information Technology differs significantly from an MBA program, which is designed for those students who desire a more general management background.

CAREER POSSIBILITIES

Business Intelligence Architect | Business Analyst | Business Process Analyst | Data Warehousing Architect
BI Competency Center (BICC) Professional | Data/Information Architect | IT Business Solutions Analyst | Business Process Analyst
Business Intelligence Developer | Business Process Analyst | BI Architecture Developer | Predictive Modeler | Predictive Analytics Architect
Data Mining Analyst | Data Analyst | Social Media Analyst | Operations Research Analyst | Customer Analytics Modeler | Statistician

DEGREE REQUIREMENTS

REQUIRED CORE (15 HOURS)

BCIS 5110 Programming Languages for Business Analytics
BCIS 5120 Information Systems Development
BCIS 5420 Foundations of Database Management
BCIS 5700 Strategic Use of Information Technology
BCIS 5740 Information Security Management

SUPPORTING COURSES (15 HOURS SELECTED from)

BCIS 5140 Artificial Intelligence in Business
BCIS 5610 Enterprise Data Warehousing
BCIS 5620 Networking and Telecommunication
BCIS 5630 Information Technology Security
BCIS 5660 Organizing and Managing IT Projects
BCIS 5670 International Issues in information Technology
BCIS 5130 Fundamentals of Presentation Design
BCIS 5680 Web-based Systems Development
BCIS 5750 Blockchain for Business
BCIS 5800 Cooperative Education Internship
BCIS 5690 Topics in Information Technology
DSCI 5240 Data Mining & Machine Learning for Business
DSCI 5330 Enterprise Applications of Business Intelligence
DSCI 5350 Big Data Analytics
DSCI 5360 Data Visualization for Analytics

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

MS INFORMATION TECHNOLOGY

COURSE NUMBER		COURSE NAME	PROPOSED SCHEDULE OF COURSE OFFERINGS		
			FALL	SPRING	SUMMER
REQUIRED CORE (15 HOURS)					
BCIS	5110	PROGRAMMING LANGUAGES FOR BUSINESS ANALYTICS	DENTON		
BCIS	5120	INFORMATION SYSTEMS DEVELOPMENT	DENTON		
BCIS	5420	FOUNDATIONS OF DATABASE MANAGEMENT	FRISCO DENTON	DENTON	
BCIS	5700	STRATEGIC USE OF INFORMATION TECHNOLOGY	DENTON	DENTON	DENTON
BCIS	5740	INFORMATION SECURITY MANAGEMENT	DENTON		
SUPPORTING COURSES (15 HOURS SELECTED FROM)					
BCIS	5140	ARTIFICIAL INTELLIGENCE IN BUSINESS	DENTON		
BCIS	5610	ENTERPRISE DATA WAREHOUSING	DENTON	DENTON	DENTON
BCIS	5620	NETWORKING AND TELECOMMUNICATION			
BCIS	5630	INFORMATION TECHNOLOGY SECURITY		DENTON	
BCIS	5660	ORGANIZING AND MANAGING IT PROJECTS		DENTON	
BCIS	5670	INTERNATIONAL ISSUES IN INFORMATION TECHNOLOGY		DENTON	DENTON
BCIS	5130	FUNDAMENTALS OF PRESENTATION DESIGN			DENTON
BCIS	5680	WEB-BASED SYSTEMS DEVELOPMENT	DENTON		
BCIS	5750	BLOCKCHAIN FOR BUSINESS	DENTON FRISCO		
BCIS	5800	COOPERATIVE EDUCATION INTERNSHIP	DENTON	DENTON	DENTON
BCIS	5690	TOPICS IN INFORMATION TECHNOLOGY			
DSCI	5240	DATA MINING & MACHINE LEARNING FOR BUSINESS	DENTON FRISCO ONLINE	DENTON	
DSCI	5330	ENTERPRISE APPLICATIONS OF BUSINESS INTELLIGENCE	DENTON	ONLINE	ONLINE
DSCI	5350	BIG DATA ANALYTICS		DENTON FRISCO	
DSCI	5360	DATA VISUALIZATION FOR ANALYTICS	FRISCO	ONLINE	DENTON FRISCO ONLINE