

DATA ANALYTICS REQUIREMENTS (MS)

Degree Requirements

1. Complete all M.S. Data Analytics Core Courses and 12 credits from the Elective Courses.
2. Complete a Capstone Project in ITSCM 778 (note: this course must be taken after completing 18 program credits).
3. Have a graduate grade point average (GPA) of at least 3.0.

Code	Title	Units
Core Courses:		
MARKETNG 731	QUANTITATIVE ANALYSIS FOR BUSINESS	3
ITSCM 778	PROGRAMMING FOR ANALYTICS	3
Select twelve credits from the following:		12
ITSCM 773	DATA FOUNDATIONS FOR BUSINESS ANALYTICS	
ITSCM 774	DATA ANALYTICS AND BUSINESS INTELLIGENCE	
ITSCM 777	DATA MINING FOR BUSINESS	
ITSCM 779	VISUAL ANALYTICS FOR BUSINESS	
MARKETNG 777	ARTIFICIAL INTELLIGENCE IN MARKETING	
Elective Courses: ¹		12
CYBER 732	DATA DRIVEN SECURITY	
FNBSLW 732	QUANTITATIVE FINANCIAL ANALYSIS	
ITSCM 776	BUSINESS PROCESS INNOVATION AND MANAGEMENT	
ITSCM 773	DATA FOUNDATIONS FOR BUSINESS ANALYTICS	
ITSCM 774	DATA ANALYTICS AND BUSINESS INTELLIGENCE	
ITSCM 777	DATA MINING FOR BUSINESS	
ITSCM 779	VISUAL ANALYTICS FOR BUSINESS	
ITSCM 781	SUPPLY CHAIN ANALYTICS	
MANGEMNT 757	LEADERSHIP DEVELOPMENT	
MANGEMNT 781	ANALYTICS FOR STRATEGIC DECISIONS	
MARKETNG 751	CONSUMER INSIGHT & CUSTOMER EXPERIENCE	
MARKETNG 772	DIGITAL MARKETING	
MARKETNG 777	ARTIFICIAL INTELLIGENCE IN MARKETING	
SAFETY 683	OCCUPATIONAL SAFETY MANAGEMENT	
ACCOUNT 770	ANALYTICS IN ACCOUNTING ²	
Total Units		30

¹ A single course may not be used to satisfy both the Core Course and the Elective Course categories.

² ACCOUNT 770 requires additional prerequisites. Please consult with your graduate advisor for further information.