

M.S. in Business Analytics

Degree Requirements Checklist



Semester	Grade	Course Title	Course #	Credits
CORE Courses (required)				
		Career & Professional Development	SCH-MGMT 518	1
		Data Management Using Spreadsheets	SCH-MGMT 601	3
		Database Management for Analytics	SCH-MGMT 602	3
		Business Applications with Python (prerequisite for 657)	SCH-MGMT 609	3
		Business Statistics (prerequisite for 655, 657)	SCH-MGMT 650	3
		Machine Learning for Analytics	SCH-MGMT 655*	3
		Project Management	SCH-MGMT 656	3
TRACK (choose one)				Total Core Credits = 19
Business Foundations Track: Choose 3 of the following courses and a free elective				
		Accounting for Decision Makers (prerequisite for 640)	SCH-MGMT 633	3
		Fundamentals of Finance	SCH-MGMT 640*	3
		Marketing Elective	SCH-MGMT 653 or 660	3
		Leadership & Organizational Behavior	SCH-MGMT 680	3
		Free Elective	Select from list below	3
				Total Degree Credits = 31
Data Analytics & Artificial Intelligence (AI) Track				
		Data Science for Business	SCH-MGMT 657*	3
		AI Elective	SCH-MGMT 661* or 664	3
		Analytics Elective	SCH-MGMT 653R or 665*	3
		Free Elective	Select from list below	3
				Total Degree Credits = 31
Supply Chain Analytics Track				
		Operations Management	SCH-MGMT 670	3
		Supply Chain Elective	SCH-MGMT 630, 663, 678**, or 690PE	3
		Supply Chain Elective	SCH-MGMT 630, 663, 678**, or 690PE	3
		Free Elective	Select from list below	3
				*prerequisite required
				**2 credits, must be combined with an additional 1 credit elective
				Total Degree Credits = 31
Optional Focus in Advanced Analytics				
Choose 9 credits of the below analytics electives (in addition to core requirements and required track courses)				9
				Total Degree Credits with Optional Focus= 40
1 Credit Electives: 611: Foundations of Financial Accounting 612: Interest Rates and the Marketplace for Money 688: Survey Development & Analysis 669: Analytics in Social Media 707: Personal Finance Mod1: Basics 708: Personal Finance Mod2: Cash Mgt 711: Strategic Technological Innovation Mgt 716: Personal Finance Mod3: Insurance, Retirement 717: Personal Finance Mod4: Investments 3 Credit MSBA Electives: 623: Cybersecurity Risk Management 623R: Project Risk Management 630: Supply Chain Management 633: Accounting for Decision Makers 640: Fundamentals of Finance* 653: Marketing Research & Analytics 653R: Applied Marketing Analytics using R 654: Advanced Financial Technologies 657: Data Science for Business* 658: Mastering Agile Scrum 660: Marketing Strategy 661: Applications of AI in Business* 662: Web Analytics in Digital Marketing 663: Supply Chain Analytics 664: Generative AI 665: Data Visualization in Business* 678: Quality Analytics 680: Leadership and Organizational Behavior 690: Sport Analytics 690C: Applied Business Analytics Practicum 690PE: Operational Excellence (*prerequisite required)				
Note: • An overall 3.0 GPA (B) must be maintained and required to graduate. • Submission of a Degree Eligibility Form is required to graduate. • International students choosing to pursue CPT (Curricular Practical Training) will have an additional 1-credit independent study added to each semester they will be working at same tuition rate per credit. All students pursuing CPT must enroll in a Field Experience Concentration • Optional Focus must be declared to advisor and cannot be added after submitting a Degree Eligibility Form.				
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