Concentrations - MBA/MSA

Note: Core courses are considered Level I and must be taken before concentration courses.

Concentrations (Level II)

The following concentrations may be included as part of the MBA, MSA or dual MBA/MSA degrees. All are 9 credits, with the exception of Health Care Administration being 12 credits. A second concentration prior to the degree being awarded requires an additional 6 credits above those required for the specific graduate program.

Concentrations are composed of at least one required course and two or three additional courses to complete the concentration as noted below.

Business Analytics (all courses required)		**15**
DS-510	Intro to Data Science and AI	
DS-520	Data Analysis and Decision Modeling	
or GB-503	Statistics for Managers	
DS-542	Python in Data Science	
DS-640	Predictive Analytic & Financial Modeling	
DS-680	Marketing Analytics & Operation Research	
or DS-620	Data Visualization	
Cyber Security (take 5 of the following)		**15**
CY-510	Cyber Security Planning & Risk Analysis	
CY-520	Cyber Security Ethical & Legal Concerns	
CY-530	Cryptography	
CY-540	International Communication & Networking	
CY-610	Ethical Hacking and Penetration Testing	
CY-630	Disaster Recovery	
CY-640	Cybercrime and Digital Forensics	
Data Science		**12**
DS-510	Intro to Data Science and AI	
DS-530	Data Management Systems	
DS-542	Python in Data Science	
DS-590	Data Structures and Algorithms I	
Finance		**12**
GB-535	International Finance (required)	
or FN-524	International Finance	
AC-570	Financial Statement Analysis	
GB-565	Derivative Markets	
GB-570	Investment Analysis	
or FN-514	Financial Engineering and Derivatives	
or FN-512	Adv Investment Analysis & Portfolio Mgmt	
Health Care Administration (all courses are required)		**12**
GB-671	Health Care Financing & Risk Management	
GB-672	Current Issues & Policies in Health Care	
GB-673	Health Care Administration	
GB-674	Health Care Administration II	
Human Resources Management (all courses are required)		**12**
GB-619	Employment Law	
GB-620	Leadership	
GB-621	Human Resources	

GB-632	Negotiations & Conflict Resolution	
International Business		**12**
GB-625	International Business (required)	
Choose two of the following:		
GB-535	International Finance	
GB-643	International Marketing	
GB-697		
Management		**12**
GB-620	Leadership	
Choose three of the following:		
GB-623	Entrepreneurship & Innovation	
GB-628	Organizational Theory	
GB-632	Negotiations & Conflict Resolution	
GB-633	Executives in Residence Seminar I	
or GB-634		
Marketing Intelligence		**12**
GB-641	Marketing Strategy (required)	
Choose two of the following:		
GB-555	Personal Branding	
GB-643	International Marketing	
GB-645	Marketing Research	
Project Management		**12**
GB-567	Introduction to Project Management	
GB-620	Leadership	
GB-576	Project Portfolio Tools & Technology	
GB-631	Risk Management and Insurance	
Risk Management		**12**
GB-629	Enterprise Risk Management (required)	
Choose three of the following:		
AC-541	Internal Controls / Sarbox	
GB-630	Strategic Risk Management	
GB-631	Risk Management and Insurance	
GB-646	Crisis Communications	
Artificial Intelligence & Strategic Management		**12**
GB-580	AI for Managers	
GB-585	Generative AI	
GB-605	AI Applications in Business	
GB-505		
Artificial Intelligence & Machine Learning		**12**
GB-580	AI for Managers	
DS-687	Artificial Intelligence Fundamentals	
GB-585	Generative AI	
DS-630	Machine Learning	
GB-605	AI Applications in Business	
Nonprofit Management		**12**
GB-520	Nonprofit Management	
GB-539	Financial Management in Nonprofit Sector	

GB-619	Employment Law
GB-554	Strategic Marketing: Nonprofit Sector

Capstone

GB-699 Corporate Strategy: Initiation to Implementation, included within the program core

Electives - 0-3 credits

The number of elective credits varies by concentration. Any course listed in the Graduate Business curriculum with a course prefix of AC or GB can be selected to round-out and broaden the student's knowledge.