# 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 | Global Business Cultural Experience | |
| **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 | Executives in Residence Seminar II | |
| **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 | Artificial Intelligence for Managers | |
| GB-585 | Generative AI | |
| GB-605 | AI Applications in Business | |
| GB-505 | Internet of Things for Managers | |
| **Artificial Intelligence & Machine Learning** | | **12** |
| GB-580 | Artificial Intelligence 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.