Approved Electives to Fulfill 6 Elective Credits – No Specialization

ACCT 6020 Auditing Theory
ACCT 6031 Intermediate Financial Accounting I
ACCT 6054 Accounting Information Systems
Any BANA course that is numbered 6000 or higher
CSCI 5211 Mobile Computing and Programming
CSCI 5455 Data Mining
CSCI 5580 Data Science
CSCI 5582 Artificial Intelligence
CVEN 5381 Introduction to Geographic Information Systems
CVEN 5382 Geospatial Data Development
CVEN 5383 GIS Analysis – Theory and Practice
CVEN 5384 GIS Project Management
CVEN 5385 GIS Relational Database Systems
CVEN 5386 GIS Laboratory
CVEN 5387 Advanced Remote Sensing
CVEN 5390 Interactive Web Mapping GIS
CVEN 5391 Introduction to Geomatics
CVEN 5392 Unmanned Aerial Systems
CVEN 5395 GPS/GNSS
ENTP 6022 Digital Strategy for Entrepreneurs
ENTP 6620 New Venture Operations and Project Management (cannot receive credit for both ENTP 6620 and ISMG 6450)
ENTP 6822 Legal and Ethical Issues of Entrepreneurship
ENTP 6824 Entrepreneurial Financial Management
ENTP 6826 International Entrepreneurship
ENTP 6848 Leadership in New Ventures
HLTH 6071 Introduction to Health Information Technology
HLTH 6072 Management of Healthcare Information Technology
RISK 6129 Practical Enterprise Risk Management
RISK 6209 Cyber Risk Management
RISK 6309 Strategic Risk Management
RISK 6509 Global Risk Management Travel Study

Specializations:

Cybersecurity and Information Assurance Specialization (15 credits) - Students must complete ALL courses
Requires students to complete the following core courses:
- ISMG 6020 Programming Fundamentals with Python
- ISMG 6120 Network Design and Analysis

Complete all of the following courses:
- ISMG 6340 Cloud Computing Concepts, Tools, and Security
- ISMG 6860 Ethical Hacking Concepts and Methodologies (Recommended prior coursework: ISMG 6120)
- ISMG 6865 Digital Forensic Analysis (Recommended prior coursework: ISMG 6860)
- ISMG 6890 IT Risk Management
- ISMG 6910 Design Science Practicum or approved Internship with required paper and presentation
  to be completed during the final 9 credit hours of the program

Business Intelligence Specialization (12 credits)
Requires students to complete the following core course:
- ISMG 6220 Business Intelligence Systems and Analytics

Choose 4 of the following:
- ISMG 6470 Text Data Analytics
- ISMG 6480 Data Warehouse and Administration (Prerequisite: ISMG 6080)
- ISMG 6810 Business Intelligence in Healthcare
- ISMG 6820 Business Intelligence and Financial Modeling
- BANA 6660 Predictive Analytics (Prerequisite: BANA 6610 – can count as one of the electives in the business
  intelligence specialization)