# Management (MR): Risk and Analytics Concentration

Admitting for Fall 2022

## Degree Requirements

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<tr>
<th>Code</th>
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### Core Courses

#### Risk Management Courses

- MBA 518 Enterprise Risk Management
- BUS 541 Strategic Risk Analysis Using Excel
- BUS 542 Forecasting and Scenario Planning Using Monte Carlo Simulation
- BUS 543 Communicating Risk Information Using Tableau
- ACC 580 Data Analytics in Accounting

#### Data Analytics Courses

- MBA 506 Data-Driven Managerial Decisions 1
- MBA 507 Data-Driven Managerial Decisions 2
- MBA 551 Predictive Analytics for Business and Big Data
- MBA 552 Data Engineering, Management and Warehousing

### Capstone Course

- MBA 519 Enterprise Risk Management Practicum
  or MBA 559 Business Analytics Practicum

### Elective Courses

Select ten credit hours of the following:

- **Business and Finance**
  - MBA 501 Financial Accounting for Decision Makers
  - MBA 520 Financial Management of Corporations
  - MBA 582 Sustainability and Business
  - ACC 540 IT Risks and Controls

- **Quantitative Risk Analysis**
  - ECG 528 Options and Derivatives Pricing
  - MBA 522 Financial Modeling
  - MBA 545 Decision Making under Uncertainty
  - MBA 638 Artificial Intelligence (pending Admin Board Approval Fall 2021)

- **Leadership and Communications**
  - MBA 510 Critical Thinking for Managers
  - MBA 530 Leading People
  - MBA 533 Negotiation and Conflict Management

### Faculty

Individuals will be better positioned for leadership positions across multiple functions of an organization, given risk management is becoming an expected core competency.

Professionals with a risk and analytics mindset position themselves strategically for opportunities in a number of fields including: business planning and strategic analysis, innovation and development, logistics and supply chain, compliance oversight, financial analysis and forecasting, enterprise-wide risk management, internal audit, business continuity planning, sustainability and a variety of risk advisory services.