# Management (MR): Risk and Analytics Concentration

Admitting for Fall 2022

## Degree Requirements

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<td>Core Courses</td>
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### 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
- MBA 501: Financial Accounting for Decision Makers
- MBA 520: Financial Management of Corporations
- MBA 582: Sustainability and Business
- ACC 540: IT Risks and Controls
- 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)
- 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.