# Management (MR): Risk and Analytics Concentration

## Degree Requirements

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Hours</th>
<th>Counts towards</th>
<th>Core Courses</th>
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<td></td>
<td></td>
<td>24</td>
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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 584 Root Cause Analysis: Interpreting Data for Decision-Making
- MBA 506 Data-Driven Managerial Decisions 1
- MBA 507 Data-Driven Managerial Decisions 2
- MBA 545 Decision Making under Uncertainty
- 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

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### Elective Courses

Select six credit hours of the following:

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#### Business and Finance
- MBA 582 B Corp Clinic Sustainability Practicum
- MBA 501 Financial Accounting for Decision Makers
- MBA 502 Managerial Accounting for Decision Makers
- MBA 520 Financial Management of Corporations
- MBA 587 Sustainability in Business

#### Leadership and Communications
- BUS 558 Communications, Privacy, and Ethics in Data Science
- MBA 510 Critical Thinking for Managers
- MBA 512 Ethical Thinking for Managers
- MBA 533 Negotiation and Conflict Management
- MBA 538 Women as Leaders

#### Technology and Analytics
- MBA 511 Data Security and Privacy
- MBA 558 Artificial Intelligence in Management
- MBA 590 Special Topics in Business Management (Monte Carlo Decision Analysis)

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### Total Hours
- 30

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### Elective Courses

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**Faculty Professors**

Mark S. Beasley, Director, Enterprise Risk Management Initiative
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.