

# Management (MR): Risk and Analytics Concentration

## Degree Requirements

Code	Title	Hours	Counts towards
<b>Core Courses</b>			
<b>24</b>			
<b>Risk Management Courses</b>			
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		
<b>Data Analytics Courses</b>			
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		
<b>Capstone Course</b>			
MBA 519	Enterprise Risk Management Practicum		
	or MBA 559 Business Analytics Practicum		
<b>Elective Courses</b>			
<b>6</b>			

"Elective Courses" are determined in conjunction with the academic committee to meet the 30 total credit hours

**Total Hours** **30**

## Elective Courses

**Code**                      **Title**                                      **Hours**    **Counts towards**

Select six credit hours of the following:

Code	Title	Hours	Counts towards
<b>Business and Finance</b>			
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		
<b>Leadership and Communications</b>			
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		
<b>Technology and Analytics</b>			
MBA 511	Data Security and Privacy		
MBA 558	Artificial Intelligence in Management		
MBA 590	Special Topics In Business Management (Monte Carlo Decision Analysis)		

## Faculty

### Professors

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

Jonathan Bohlmann, *Marketing and Innovation*

Bruce C. Branson, *Accounting, Associate Director of Enterprise Risk Management Initiative*

Donald Pagach, *Accounting, Director of Research for Enterprise Risk Management Initiative*

Mike Stanko, *Marketing*

Stacy Wood, *Marketing*

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## Professor of Practice

Erica Kranitz, *Director, Master of Management, Risk, and Analytics*

Leigh Shamblin, *Director of Leadership*

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## Associate Professors

Bill Rand, *Marketing, Executive Director of Business Analytics Initiative*

Rishika Rishika, *Marketing Analytics, Director of Master of Management Program*

Stefanie Robinson, *Marketing*

Jeffrey Stonebraker, *Operations and Supply Chain Management*

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## Assistant Professor

Fangfei Gao, *Marketing Analytics*

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## Teaching Assistant Professor

Basiru Usman, *Marketing*

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## Lecturers

Thomas C. Dow, *Accounting*

Donnie Hale, *Business Analytics*

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.