

BUSINESS ANALYTICS AND RISK MANAGEMENT (PART TIME), MASTER OF SCIENCE

The Master of Science in Business Analytics and Risk Management (formerly Master of Science in Enterprise Risk Management) part-time program is no longer accepting applicants. All degree requirements will be honored under the curriculum and academic year admitted.

The Master of Science in Business Analytics and Risk Management (MS BARM) program develops managers and leaders with the knowledge and skills to anticipate and manage risks, while leveraging unique opportunities in chaotic environments. This program is designed to teach how to quantify risks and manage processes to change or respond to those risks.

The program also addresses how to lead and manage organizations during periods of dramatic change or crisis. Coursework provides exposure to a variety of areas of risk management and provides tools to integrate the management of a portfolio of risks that an Enterprise will face.

An MS in Business Analytics and Risk Management provides graduates with the tools and knowledge to:

- Develop a thorough understanding of risk
- Protect shareholder value by managing the downside of risk
- Position the organization to better leverage the upside of uncertain outcomes
- Develop plans to protect reputation, information, financial assets, and personnel
- Improve decision making at all levels of the organization

Program Requirements

The program requires 36 credits. Part-time students must complete the program within six years. Effective Spring 2018, this program will no longer accept applications.

Curriculum

The curriculum for the MS in BARM program includes the following courses. Course sequence and availability of specific electives may vary. Students must consult with an academic advisor to ensure that they take courses in the approved sequence. All courses are 2 credits.

Code	Title	Credits
Business Foundations		
BU.210.620	Accounting and Financial Reporting	2
BU.520.601	Business Analytics	2
BU.120.601	Business Communication	2
BU.132.601	Business Law	2
BU.131.601	Business Leadership and Human Values	2
BU.231.620	Corporate Finance	2
BU.350.620	Information Systems	2
BU.680.620	Operations Management	2
BU.510.601	Statistical Analysis	2
Functional Core		

BU.520.620	Advanced Business Analytics	2
BU.510.650	Data Analytics	2
BU.610.625	Simulation and Strategic Options	2
Elective Courses		
Select six of the following:		12
BU.520.710	Big Data Machine Learning	
BU.610.730	Contracting: Incentive Design and Analytics	
BU.231.720	Corporate Governance	
BU.610.705	Crisis Management	
BU.330.730	Cybersecurity	
BU.330.780	Data Science and Business Intelligence	
BU.520.701	Enterprise Risk Management Frameworks	
BU.230.750	Financial Crises and Contagion	
BU.300.620	Managing Complex Projects	
BU.610.630	Pricing and Insuring Risk	
BU.610.760	Supply Chain Analytics	
Total Credits		36