



Metropolitan College (BU MET)

Enterprise Risk Management

Dave Weidman, Professor of Enterprise Risk Management
Dana Niland, Graduate Admissions Advisor

We will begin momentarily...

Agenda

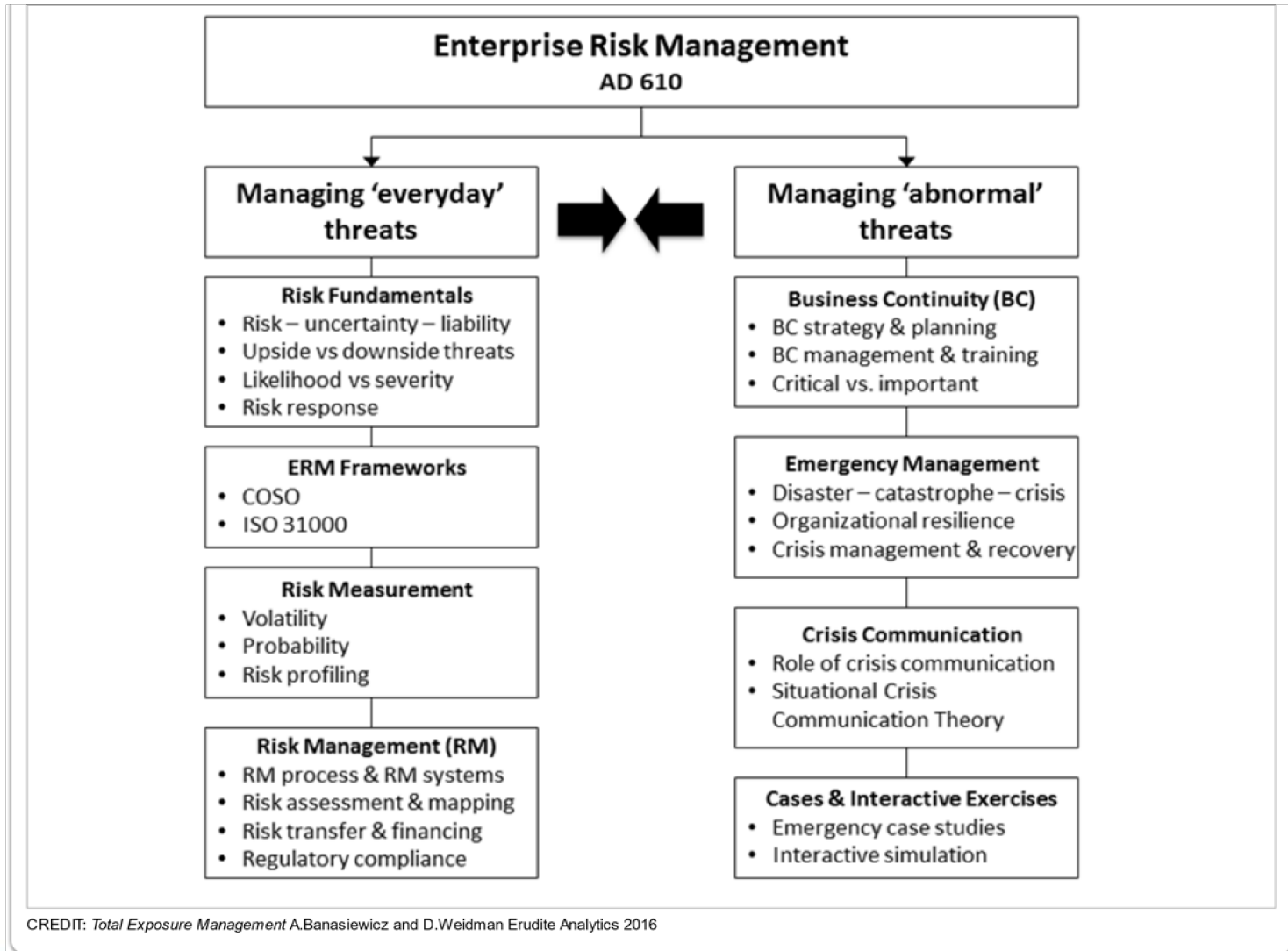
- Introductions
- BU MS in ERM – Inside the Classroom
- BU MS in ERM – Beyond the Classroom
- Program Structure and Application Overview
- Q & A

Dave Weidman Introduction

- Instructor for AD 614 Disaster Management and AD 617 Business Continuity Management.
- BU graduate faculty member for 15 years.
- Graduate of the first version of the BU MS ERM program.
- 30+ years professional experience in ERM.



BU MS ERM – Inside the Classroom

ERM Threat Diagram - Sample



BU MS ERM – Inside the Classroom

ERM Components – BU Course Map

Managing “Normal” Threats	Managing “Abnormal” Threats
Risk Fundamentals Frameworks & Modelling Implementation & Governance Quantification & Measurement Monitoring & Reporting Regulations & Compliance	Public Sector Emergency Management Private Sector Incident Management Crisis Communications Business Continuity Technology Recovery
	
Boston University ERM Courses	Boston University ERM Courses
AD 610 – Enterprise Risk Management AD 613 – Enterprise Risk Planning AD 616 – Enterprise Risk Analytics AD 618 –Technology Risk Management*	AD 612 – Public Emergency Management AD 614 – Disaster Management AD 617 – Business Continuity Management
* Course Being Developed	

BU MS ERM – Inside the Classroom

Primary On-Campus & On-Line Faculty



Mark Carroll

Senior Vice President and
Business Risk Officer, Income
Research + Management
(IR+M), Adjunct Professor,
Administrative Sciences



David L. Rainey

Visiting Professor of the
Practice, Administrative
Sciences



Aditi Taylor

Senior Vice President, Chief
Risk Officer, MFS Investment
Management, Adjunct
Professor, Administrative
Sciences



Dave Weidman

Former Director (retired) of
Business Continuity, Blue Cross
Blue Shield of Massachusetts,
Adjunct Professor,
Administrative Sciences

BU MS ERM – Inside the Classroom

Primary On-Line Faculty & Facilitators



Mike Jennings

Vice President, Advisory
Services at Assurance Software
Inc., Adjunct Professor,
Administrative Sciences



Robert Araujo

Manager of Sustainability and
EHS Programs at Sikorsky
Aircraft, On-Line Course
Facilitator, Administrative
Sciences



Michael Dolan

Business Continuity Manager at
John Hancock, Adjunct
Professor, Administrative
Sciences



Don Byrne

President and CEO, METRIX411,
Adjunct Professor,
Administrative Sciences



Dawn Bentley

IT Risk Management – Business
Continuity & Security at GMO,
On-Line Course Facilitator,
Administrative Sciences



Daniela Parker

Chief Risk Officer at TwinStar
Credit Union, On-Line Course
Facilitator, Administrative
Sciences

BU MS ERM – Beyond the Classroom

ERM Job Market - Prospectus

Gartner

“COVID – 19 Makes a Strong Business Case for ERM”

**Bloomberg
Businessweek**

“Risk Manager is Suddenly a Hot Job”

 **RaiseMe**

ERM employment will grow 19% from 2016 through 2026

 **AVALUTION**
by Castellan Solutions

Weekly ERM/BCP job postings up 50% since March 2019

 **ZipRecruiter**

Middle 50% of ERM/BCM salaries: \$60,500 to \$150,000

Top ten paying US cities for ERM jobs: #1: New York City; #4: Boston

BU MS ERM – Beyond the Classroom

Job Search Tools and Techniques

Resume Preparation and Submission

The Interview Process

Mock Interview Sessions

ERM Networking

Expert Presentations

BU MS ERM – Beyond the Classroom

ERM Research



The MET Decision Sciences Research Lab (DSL) was founded in 2018. Its mission is to provide opportunities for MET graduate students to collaborate with professors and industrial practitioners, while applying their analytical skills to solve current problems facing organizations. The lab performs research concerning decision making under uncertainty using analytical modeling, simulations, and data analysis to enterprise risk management and global supply chain operations.

BU MS ERM – Beyond the Classroom

Recent/Current DSL Projects - Sample

Decision Making Tool for Medical Procedures with Risks

How Call Centers can use Lean to Improve Customer Service

MBTA Winter Storm Deployment Project

COVID Impacts on Bio/Pharma Workforce and R&D Supply Chain

Business Continuity and Pandemic Planning in Bio/Pharma Companies

The Impacts of Climate Change on Boston Hospitals

BU MS ERM – Beyond the Classroom

The Impacts of Climate Change on Boston Hospitals:



Fort Point Channel, South Boston



Kenmore T Station Boston



Beth Israel and Brigham's

BU MS ERM – Beyond the Classroom

The Impacts of Climate Change on Boston Hospitals:

Sources: *Climate Vulnerability Assessment* (Climate Ready Boston, 2016) and *Natural Hazard Mitigation Plan Update* (City of Boston, 2021)

Extreme Heat & Droughts: By 2050, a 75% increase in droughts lasting for 1-3 months is anticipated. This will lead to extended power outages, heat related illnesses and deaths, etc.

Sea Level Rise & Coastal Flooding: Major floods will increase from a 1% annual chance to a monthly reality; over 132 miles of roadway could be regularly flooded. Currently, 245 essential and public facilities (including hospitals) lie within coastal flood areas.

River & Stormwater Flooding: Over 11,000 structures and 85,000 people will be directly exposed to frequent flooding by 2070.

BU MS ERM – Beyond the Classroom

The Impacts of Climate Change on Boston Hospitals:

- Over 20 major hospitals located within the Boston city limits; including some of the nation's leading institutions such as Mass General and Brigham and Women's.
- Hospitals generate +/- \$50 billion in revenue each year and are among the largest employers (+/- 100,000) in the city.
- Millions of patient visits and hundreds of thousands of hospital admissions each year.
- So what are Boston hospitals doing about climate change:
 - Is climate change a BoD level priority with a program and committed resources?
 - What policies and procedures are being implemented?
 - What mitigation and adaptation steps are being taken now and in the future?
 - How are hospitals integrating their supply chains into the program/process?
 - Have hospitals become part of the public sector decision making process?

Program Structure

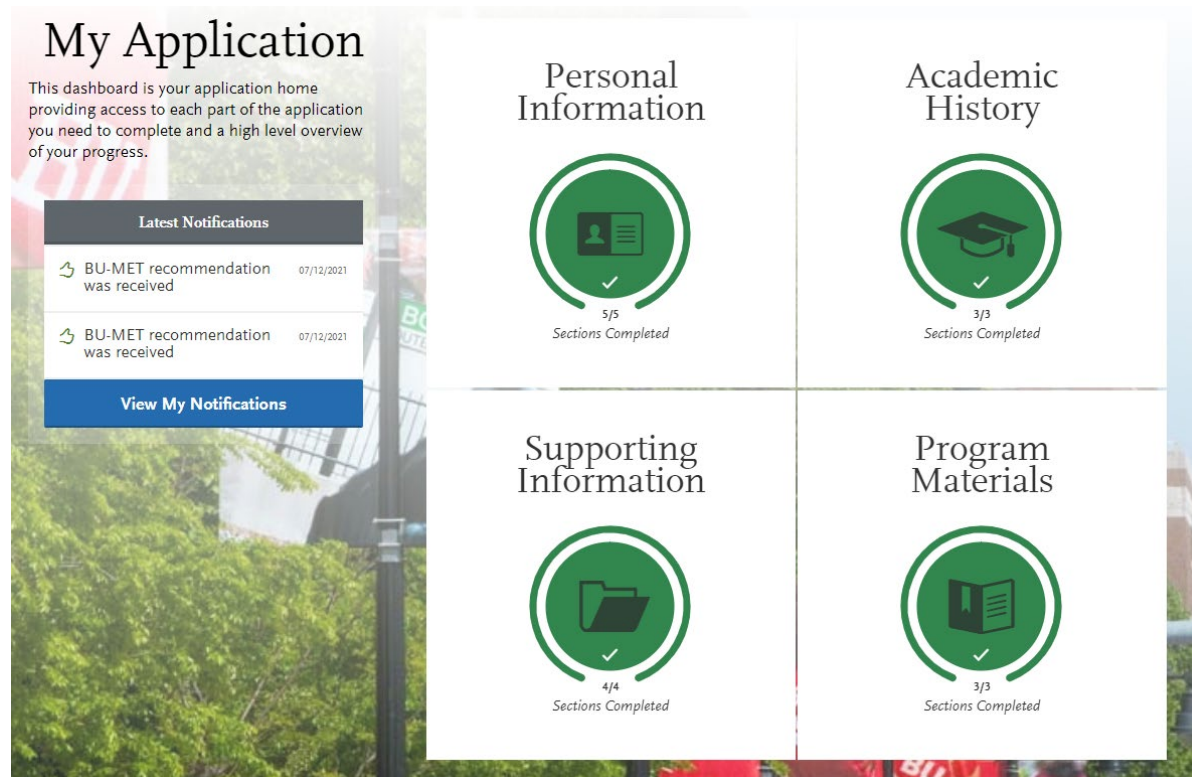
- Flexible to fit your schedule
- On Campus & Online options, with ability to interchange
- Part-Time or Full-Time study, with ability to alternate
- Evening On campus coursework and Live classrooms
- Year round courses (*Fall, Spring, & Summer semesters*)



Graduate Admission Process

- www.bu.edu/met/apply-now
- **Rolling admission. Decision within 1-3 wks**
- Recommend applying *at least* 1 month before start term

(2-3 months for international students)





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