



**Mona School
of Business &
Management**

The University of the West Indies, Mona



In conjunction with
The UWI Department of Mathematics
The University of the West Indies, Mona

Master of Science in Enterprise Risk Management

Objective

The programme is designed to produce graduates proficient in contemporary risk analysis techniques and management practices to address complex risk issues.

Offered by Mona School of Business & Management in conjunction with the Department of Mathematics, Faculty of Science & Technology, University of the West Indies, the main aims of the MSc ERM are to:

- Introduce the basic concepts and techniques of quantitative risk management across an enterprise, as well as the business context in which such risk management takes place.
- Provide a good grounding in risk management best practices.
- Identify and measure risks; to take actions to mitigate risks and exploit opportunities.
- Apply quantitative as well as qualitative approaches to risk management.
- Familiarise students with computational techniques and risk management software.

Entry Requirements

Applicants must:

Have a minimum GPA of 3.0 in a Bachelor's degree (or equivalent from an overseas institution) in a quantitative discipline.

N.B. Preference will be given to those applicants with three (3) years of relevant work experience.

Programme Structure

24

Months
Part-time

14

Core
Courses

3

Non-Credit
Courses

1

Research
Project

45

Credits

Core Courses

Corporate Finance

Credit Risk Management & Modelling

ERM Concept, Framework & Process

ERM Governance

ERM in the Global Business Environment

Ethical, Legal & Regulatory Framework for ERM

Financial Markets

Quantitative Analysis of Financial Data

Risk Categories and Identification

Risk Management & Optimization

Risk Management in the Business Enterprise

Stochastic Calculus

The Economics of Enterprise Risk Management

Time Series Analysis

Non-Credit Courses

Computer Business Applications

Statistical Methods

Mathematics for ERM

Integrative Module

Enterprise Risk Management Integrative Module

(Leading Issues in ERM: A Project-Based Approach)

The primary aim of this research project is to help students develop the capability to use the concepts, frameworks and techniques presented in the ERM courses to analyze and integrate the skills and concepts into a practical risk management framework to address enterprise risks confronting a business enterprise and its related Industry.



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Forward. Thinking.

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