



**Mona School  
of Business &  
Management**

The University of the West Indies, Mona

# Master of Science in Computer Based Management Information Systems

## Objective

This programme seeks to educate a new generation of Information Systems Analysts and Managers who will spearhead the thrust by Jamaican firms to establish a sustainable competitive position on the critically important information service sector. This programme is offered jointly with the Department of Computing and was developed in response to the rapidly growing demand for a new type of graduate student with an in-depth knowledge in management information systems and computer science. This demand arose from an increase in the use of computer-based systems both in the financial and retail sectors, as well as Government sectors.

The programme partners management with computer science and The University of the West Indies with a select group of local firms who are interested in becoming globally competitive in information services.

## Entry Requirements:

### Applicants must:

- Hold an undergraduate degree with at least upper second class honours in Computer Science, Management Studies or related field.

AND

- Have two years' work experience except for those applicants with First Class honours degrees.

N.B. Applicants with Lower Second Class degrees will be considered on a case by case basis that will involve an interview.

# Programme Structure

24

Months  
Part-Time

15

Core  
Courses

1

Research  
Project

49

Credits

## Core Courses

Business Intelligence  
Communications & Special and Emerging Topics in MIS  
Decision Support Systems  
E-Commerce  
Finance  
Information Systems in Organizations  
Introduction to Programming, Database & Networking  
Introduction to Software Engineering  
IT Economics  
IT Governance and Policies  
IT Project Management  
IT Security  
New Ventures & Entrepreneurship  
Organizational Theory and Behaviour  
Production and Operations Management

## Research Project

In lieu of a thesis, each participant in the programme will be required to undertake a project which will entail defining and developing a software system which has real potential for solving a practical problem of significance to managers. The system will require students to draw on their capacity to analyze business problems as well as on their ability to implement the software development tools, techniques and concepts learned throughout the programme.



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*Forward. Thinking.*

**MONA CAMPUS** - Kingston 7, Jamaica W.I.

• Tel: (876) 977- 7174 /4649 / 3808 / 3775  
• Fax: (876) 977-4622 / 3151 / (876) 702-3939

**WESTERN JAMAICA CAMPUS** -

10 Queens Drive, Montego Bay, Jamaica W.I.  
• Tel: (876) 940-5561 • Fax: (876) 979-3758

**msbm@uwimona.edu.jm**  
**www.mona.uwi.edu/msbm**

