



FACULTY OF SOCIAL SCIENCES



Bachelor of Science

Operations Management

Overview

The Operations Management (OM) major is offered in the Faculty of Social Sciences, at **Mona School of Business and Management (MSBM)**. The OM major is designed to educate students on the theories, principles and practices of strategic, tactical and operational issues. The OM major is eclectic, drawing from areas such as: Statistics, Economics, Accounting, Marketing, Human Resources and Finance and prepares students to assume jobs at the middle management level in areas that cover strategic, tactical and operational decisions.

The OM Major covers both quantitative and qualitative disciplines. While OM can be highly quantitative, the OM major at the University of West Indies, Mona - MSBM strives for a balance between quantitative and qualitative disciplines.

Entry Requirements

- Five (5) CXC/CSEC (General Proficiency Grades I-III from June 1998) or GCE/ BGCSE O'Level (Grades A-C) with compulsory subjects: Mathematics and English Language and two (2) CAPE subjects (Units 1 and 2) or GCE/BGCSE A' Level passes in a minimum of two (2) subjects;
OR
- An Associate degree, Diploma and/or Certificate from other approved tertiary institutions having attained a B+ average or a minimum GPA of 2.5;
OR
- High School (Grade 12) transcript with a minimum GPA of 3.0 and a minimum SAT I score of 1700 plus a minimum of two (2) SAT II subjects at a score of 500 or above or successful completion of Advanced Placement Courses the International Baccalaureate programme.

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Operations Management is the heart of any company. It involves the essential steps of producing goods, quality control, quality management, managing the supply chain, facilities management, product formulation and design, ordering of goods, warehousing of goods, contacting vendors, purchasing of external products. There are many good jobs available in the operations management field and these positions offer substantial upward promotion potential.

The scope of OM ranges from strategic to tactical and operational levels. Included among the strategic are determining the size and location of manufacturing plants, deciding the structure of service or telecommunications networks, and designing technology supply chains. Tactical issues include plant layout and structure, project management methods, and equipment selection and replacement. Operational issues include production scheduling and control, inventory management, quality control and inspection and materials handling.

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Skills Needed

Intellectual

- › Process-oriented approach to decision making.
- › Multi-faceted approach to problem solving, covering the strategic, tactical and operational levels.
- › Analytical
- › Quantitative

Professional

- › Ability to work effectively as a member of a team
- › Ability to work with different personalities
- › Ability to communicate effectively
- › Ability to track and measure workers' performance
- › Ability to delegate
- › Ability to enforce standards

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What can I do with a Degree in Operations Management?

The efficient production of goods and services falls within the purview of Operations Management. Therefore, majoring in Operations Management provides the opportunity to engage in productive activities, both in the private and public sectors, to produce consumer goods and services in the most efficient manner. Graduates with a major in OM will be armed with the requisite skills that can be applied to many areas, including being able to:

- › Successfully operate their own businesses - being able to adopt a structured and process-oriented approach to entrepreneurship.
- › Work as operations managers in small and medium-sized manufacturing and service organizations.
- › Manage the production processes of a manufacturing plant.

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Career Options:

- › Logistics Management
- › Warehouse Management
- › Retail Management
- › Supply Chain Management
- › Production Management
- › Materials Management

- › Operations Research
- › Quality Assurance Management
- › Facilities Coordination
- › Event Coordination
- › Purchasing Management
- › Maintenance Management



**Mona School
of Business &
Management**

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