



Entry Requirements

The course will target practising engineers, managers, and senior managers having a Bachelor of Engineering or equivalent degree or having a satisfactory portfolio. The Minimum entry requirements into the course:

A Bachelor of Science (B. Sc.) or Bachelors of Engineering (B.Eng.) degree in Engineering and other related discipline scoring a minimum GPA of 3.0 from UTech, Ja or other approved Institutions. A minimum of two years working experience is preferred.

Persons not meeting the minimum requirements may be required to complete additional undergraduate training and/or certification to gain entry. In cases where there are deficiencies in the entry qualifications a portfolio will also be required.

All candidates will be interviewed.

Tuition

Tuition fee—\$US12,474 excluding ancillary fees which are charged each academic year.

Payment Plan:

- Plan A: Full Payment
- Plan B: Semester Basis

Disclaimer: Please note that modules are offered based on student numbers and the availability of academic staff.

Faculty's Graduate Studies Research & Entrepreneurship (FGSRE) Unit
Room (1A25) Engineering building.

For further information please contact:
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Now Accepting Applications
"Excellence through Knowledge"



University of Technology, Jamaica
Faculty of Engineering and Computing

Master of Science in Engineering

Specialization:

- ✓ Engineering Management
- ✓ Renewable Energy Engineering



Dr. Paul Campbell
Programme Director

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Master of Science in Engineering

Introduction

Expected outcomes for this course of study include the following:

- Each graduate will be able to critically analyze and advise organizations on particular strategies that improve performance, capacity and efficiency.
- Each student will be equipped to apply the appropriate theoretical and practical methods in the design and development of new systems, components or processes appropriate to the organizations' objective.
- Our graduates will also be equipped to effectively communicate these results to all relevant stakeholders.

General Structure MSc. Engineering

The general structure of the M.Sc. in Engineering programme comprises 5 core modules, 4 specialization modules, 1 thesis/ dissertation or industrial project, and two additional modules; 1 free module and 1 seminar module. The core modules are identical to both specializations within the M.Sc. in Engineering programme. All M.Sc in Engineering students are required to do seminar.

• Core Modules

Core modules are split into two categories Mathematics core modules and Masters Degree core modules;

• Mathematics Core Modules (Required)

1. Advanced Engineering Analysis
2. Introduction to Risk and Reliability Engineering

• Masters Degree Core Module (Required)

1. Design of Experiments
2. Project Management for Engineers
3. Advanced Computer Applications and Analysis

M.Sc. Engineering Specializations

The specializations currently being offered are;

- Engineering Management
- Renewable Energy Engineering

Specialization Modules

Renewable Energy Engineering Specialization Modules (Select Any Four (4))

Biomass and Bio-fuel
Distributed Energy Generation and Control
Energy Conservation
Renewable Energy Systems
Geothermal, Technology

Engineering Management Specialization Modules (Select any four (4))

Logistics Engineering and Supply Chain Management
Leadership and Management with HR
Operations Research and Management
Strategic Management of Technology
Engineering Economics

