

Programme Overview

The energy sector is the most critical sector for all the islands of the Caribbean region and in most cases represents a major source of economic vulnerability. All other forms of economic activity hinge upon having a reliable and cost effective energy supply. Improvements are required in the capacity of the human resource to properly manage the more efficient use of energy, and facilitate the uptake rate of renewable energy technologies. The technical expertise in the implementation of renewable energy technologies and networking into the existing energy framework is required in order to make the essential transition to utilizing a more distributed indigenous renewable energy resource.

There is consequently a great current demand in the market, for executives and other professionals with specialization in the area of sustainable energy systems. A multidisciplinary knowledge of energy sources, distribution technologies and efficient use in buildings and industrial processes, together with social issues and environmental impacts, is an essential tool for project management in this area.

This programme seeks to address these requirements.

Entry Requirements

- First degree in economics, engineering, management or natural sciences, OR
- First degree in any discipline plus relevant experience working in an energy related field, OR
- Significant work experience in a management environment
- Degrees must be from a recognised University with a GPA of 2.5 or a Lower Second Class Honours degree or its equivalent

How to Apply

Visit <https://www.mona.uwi.edu/content/entry-requirements>, click on apply now, create an account and follow the instructions.

Submit supporting documents to
Assistant Registrar, Office of Graduate Studies and Research,
The University of the West Indies, Mona Campus.

Request degree granting institutions other than The UWI to forward official transcripts directly to the Office of Graduate Studies and Research, The University of the West Indies, Mona Campus.

Duration

- ▶ Master of Science (Full-Time) – 18 months
- ▶ Master of Science (Part-Time) – 36 months

Programme Structure

COURSE CODE	COURSES TITLE	CREDITS
CORE ENERGY COURSES		
RNEM6010	Energy Economics	3
RNEM6015	Energy Sources and Clean-Energy Systems	3
RNEM6020	Energy Use and Energy Auditing	3
RNEM6025	Shaping Sustainable Energy Systems	3
RNEM6030	OESH & Public Policy for RE in Industry	3
MDPH6330	Seminar Series	2
CORE MANAGEMENT COURSE		
SBC06310	Transformational Leadership and Management	3
SBC06520	Quantitative Methods & Statistical Techniques	3
SBSC6000	Principles and Practices of Project Management	3
ENVR6403	Environmental Impact Assessment	3
ELECTIVES		
SBC06110	Financial and Managerial Accounting	3
MGMT6024	IT Project Management	3
RNEM6055	Solar Energy Conversion*	3
RNEM6035	Applied Informatics in Energy Planning	3
RNEM6040	Physics for Renewable Energy (PRE)	3
RNEM6045	Wind Energy 1*	3
RNEM6050	Bioenergy 1*	3
RESEARCH PROJECT		
PHYSXXX	Research Project	9

Schedule

Courses will be offered on Evenings and Weekends:
Mondays – Thursdays | 6:00 pm – 9:00 pm
Sundays | 1:00 pm – 5:00 pm

Contact Information

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Mona, Kingston 7, Jamaica, West Indies
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Department of Physics

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