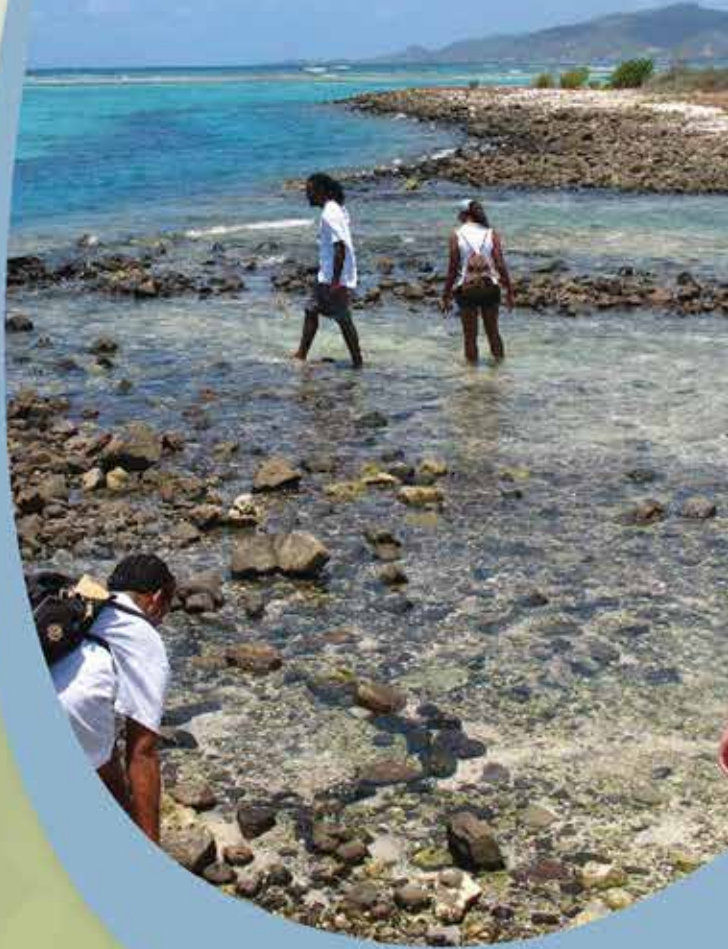




THE UNIVERSITY
OF THE
WEST INDIES

Masters Programme
Faculty of Science & Technology



*Centre for Resource Management
and Environmental Studies (CERMES)*

MSc. Natural Resource and Environmental Management

This programme seeks to provide graduate students with advanced training in techniques, mechanisms and policies for sustainable use and management of natural resources in the Caribbean.

2017-2018

MSc. NATURAL RESOURCE AND ENVIRONMENTAL MANAGEMENT

The MSc. Natural Resource and Environmental Management Programme seeks to provide graduate students with advanced training in techniques, mechanisms and policies for sustainable use and management of natural resources in the Caribbean.

Objectives

The overall objective of the MSc. in Natural Resource and Environmental Management is to contribute to sustainable development in the Caribbean region by training professionals in environmental and natural resource management.

Entry Requirements

A Bachelor's degree in a discipline appropriate to the MSc. with a minimum Grade Point Average of 2.5 or Lower Second Class Honours or its equivalent is required for entry to the programme. The minimum level of the degree required may be re-assessed for candidates with extensive professional experience in an appropriate discipline.

Duration

The Programme is delivered full-time in 14 months. This includes a ten-month period for course delivery and examination, and four month period for the research project. Courses are taught as two to three week modules with examinations following the completion of each module, where applicable.

Programme Structure / Course of Study

The MSc. consists of eight core courses, four specialisation stream courses, and a research project.

Core courses worth three (3) credits each consist of 24 hours of lectures and an average of 12 hours of practical work (with the exception of "Field Skills Studies" which consists of 2 hours of lectures and 14 hours of practical work). Specialisation courses are worth four credits each and consist of 36 hours of lectures and an average of 18 hours of practical work.

Students must therefore obtain a total of 47 credits as follows: 23 credits from core courses, 16 credits from specialisation stream courses and 8 credits from a research project.

Students may be exempted from one or more core courses depending on their qualifications on entry to the Programme.

SPECIALISATION STREAMS

Tropical Coastal and Marine Resource Management

This stream provides students with the knowledge and skills in concepts, policies, tools and techniques necessary for fishery and coastal zone management, and with a clear appreciation of the transdisciplinary approach required to be either effective fishery and coastal zone managers or effective advisors and consultants to organisations whose activities impact on the coastal zone. Emphasis will be on Caribbean case studies, with ample opportunity for practical experience.

Climate Change

This stream provides students with an understanding of the causes of climate change globally and in the Caribbean; current climate trends and projections for the Caribbean; potential impacts of climate change on natural and socio-economic systems in the region; adaptive and mitigative measures available to buffer the impacts of climate change; and regional and international policy frameworks for addressing climate change. Students are also exposed to the negotiation skills required to make significant contributions at regional and international climate change meetings and Conventions.

Water Resources Management

This stream prepares graduates to address technical, social, economic and political dimensions of water resources management, especially in Small Island Developing States. The specialisation courses will cover the physical and organisational dimensions of water supply, distribution and wastewater management and the variety of issues facing water services managers. It will also provide training in hydrological and geohydrological (groundwater) analysis techniques and their application.

Orientation

A mandatory two (2) day orientation is held before classes start as an introduction to the MSc. in Natural Resource and Environmental Management. During this period, students are introduced to Centre for Resource Management and Environmental Studies (CERMES) staff and are given tours of the facilities at CERMES and the University. They are also given a day tour of Barbados where CERMES staff introduce them to the issues associated with natural resource management in the context of a Small Island Developing State.

As part of the Field Skills Studies

Course students may be given the opportunity to go on an overseas field trip. This is typically undertaken within the wider Caribbean region. Students may be asked to contribute up to half of all travel costs towards the trip.

Cost

This is a UGC-funded programme. Please review the UGC-Programmes Financial Handbook on our website which gives the rates applicable for academic year.

Programme Fee and University Registration fees are subject to change.

University fees are additional to the programme fees and are billed every semester until the degree has been awarded.

LIST OF COURSES

Core (2 credits)

- Field Skills Studies

Core (3 credits each)

- Concepts and Issues for Environmental Managers
- * Introduction to Environmental Planning and Management
- Professional Skills for Environmental Management
- Geoinformatics for Environmental Management
- * Resource Economics
- * Environmental Impact Assessment
- * Measurement and Analysis in Natural Resource Management

Tropical Coastal And Marine Resource Management Specialisation (4 credits each)

- Fisheries Biology and Management
- Sustainable Tourism in the Coastal Zone
- Coastal Dynamics and Management
- Ecology and Management of Coral Reef Eco-Systems

Climate Change Specialisation (4 credits each)

- Climate Dynamics and Modeling
- Policy Response to Climate Change
- Vulnerability to Climate Change and Impact Assessment
- Climate Change Impacts: Mitigation and Adaptation

Water Resources Management Specialisation (4 Credits each)

- * Hydrology
- * Water & Wastewater Management
- * Groundwater Resources
- Water Management & the Environment

Research Project or Research Internship (July – Oct all students)

- Research project (8 credits)

* Online courses

CONTACT INFORMATION FOR

MSc. Natural Resource and Environmental Management

Programme Coordinator

Ms. Neetha Selliah

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HIGHER DEGREE PROGRAMMES

FACULTY OF HUMANITIES & EDUCATION

MA Caribbean Studies:

Languages / Literatures

MA Creative Arts

PG Dip / MA Cultural Studies

MA History

MA Heritage Studies

MA Linguistics

PG Diploma in Education (*Secondary*)

Master in Education (MEd)

specialisations (Curriculum Studies; Educational Leadership; Inclusive Practices for Special Needs Students; Language & Literacy Education; School Counselling; Science and Technology Education; Social Context and Education Policy; Testing, Measurement and Evaluation; and The Psychology of Education)

FACULTY OF LAW

LLM / PG Diploma Law

(with specialisations in Corporate & Commercial Law, Public Law, Intellectual Property Law, General)

FACULTY OF MEDICAL SCIENCES

DM Anaesthesia and
Intensive Care

DM Emergency Medicine

PG Dip / MSc., DM

Family Medicine

DM General Surgery (Parts I and II)

DM Internal Medicine

DM Obstetrics and Gynaecology

DM Ophthalmology

DM Orthopedics (Part II)

DM Paediatrics

DM Psychiatry

Master in Public Health

FACULTY OF SCIENCE & TECHNOLOGY

PG Dip / MSc. Biosafety

PG Dip / MSc. Computing
Innovation

MSc. Computing Research

MSc. Natural Resource and
Environmental Management

PG Dip / MSc. Technology

Entrepreneurship

MSc. Renewable Energy

Management

FACULTY OF SOCIAL SCIENCES

Master of Social Work

MSc. Applied Psychology

MSc. Banking & Finance

MSc. Building & Construction
Management

MSc. Business Analytics

*(with optional specialisations in Finance
or Marketing)*

MSc. Counselling Psychology

MSc. E-Governance for
Developing States

MSc. Financial & Business
Economics

MSc. Financial Management

MSc. Human Resources
Management

MSc. Integration Studies

MSc. International Management

MSc. International Trade Policy

MSc. Investments

& Wealth Management

MSc. Labour &

Employment Relations

MSc. Logistics and Supply
Chain Management

MSc. Marketing

MSc. Project Management
& Evaluation

MSc. Sociology

MSc. / PG Dip. Sport Sciences

MSc. Tourism & Events
Management

MSc. Tourism & Hospitality
Management

MSc. Tourism & Sport
Management

MSc. Tourism with Project
Management

MSc. Tourism Marketing

MSc. Transport Economics

THE INSTITUTE FOR GENDER AND DEVELOPMENT STUDIES

PG Dip / MSc. Gender and
Development Studies

CAVE HILL SCHOOL OF BUSINESS

Doctor of Business
Administration

Executive Master in
Business Administration (*offered
in three specialisations: – General
Management, Public Sector Management
and Human Resource Management*)

Masters in Business Administration
(Entrepreneurship)

International Master in
Business Administration

Masters in Entrepreneurship
and Innovation



UWI also offers a range of MPhil and PhD programmes in a number of areas. Information on these as well as our application process, online application forms, and the documentation required can be found at:

www.cavehill.uwi.edu/gradstudies