



THE UNIVERSITY
OF THE
WEST INDIES

Masters Programme
Faculty of Science and Technology

Department of Biological and Chemical Sciences

MSc. / Postgraduate Diploma Biosafety

The programmes in Biosafety are tailored to meet the demand for Biosafety expertise associated with the use of modern biotechnology products in trade and to promote the benefits, awareness and understanding of modern biotechnology.

2017-2018

These programmes in Biosafety are tailored to meet the demand for Biosafety expertise to control potential risks associated with the use of modern biotechnology products in trade and to promote the benefits, awareness and understanding of modern biotechnology in the region. The programmes are delivered in a blended learning format, consisting of a mixture of online and face-to-face modes of delivery.

Objectives

The aims of the programme are to:

1. Create a cadre of skilled Biosafety experts with knowledge of biotechnology within the Caribbean Region;
2. Sustain the benefits of biotechnology in the region while demonstrating the need for its safe application;
3. Provide students with Biosafety skills in biotechnology and the ability to identify the risks involved;
4. Provide a response to both national and regional Biosafety needs among various stakeholders as outlined in the Cartagena Protocol on Biosafety to the Convention on Biological Diversity.

Entry Requirements

The general pre-requisite for entry into the MSc./Postgraduate Diploma in Biosafety is a Bachelor's degree from a recognized University at a minimum of Second Class Honours (or equivalent) in any of the following disciplines:

- Any Biology, Life or Natural Science.
- Any other disciplines related to Biosafety, **or**
- Law (LLB) plus knowledge or working experience of Biosafety, **or**
- An appropriate area in the Social Sciences, plus knowledge **or** working experience of Biosafety, **or** significant working experience in the Biosafety environment.

Persons with a Diploma **or** certificate training in Biosafety or Biotechnology and significant working experience in the Biosafety environment will be considered on a case by case basis.

Duration

Full time students are expected to complete the MSc. programme in 15 months and part-time students in 30 months.

Students enrolled in the Postgraduate Diploma programme are expected to complete the programme in 8 months.

Programme Structure / Course of Study

MSc. Biosafety

To be awarded the MSc. in Biosafety the student must complete 24 credits of the Core courses in the programme, one elective and a capstone or research project consisting of 9 credits.*

Postgraduate Diploma Biosafety

To be awarded the Postgraduate Diploma in Biosafety the student must complete 22 total credits in the programme, comprising three Core courses and one elective course.

***All courses are offered in an online format except "Molecular Diagnostics of GMO/LMO" which is held face-to-face over a 2-week period in June or July.**

All students are expected to complete a not-for-credit training course as an introduction to the online environment.

LIST OF COURSES

Core courses

- Introduction to Biotechnology and Molecular biology (6 credits)
- Biosafety, Biotechnology and the Environment (6 credits)
- Biosafety Risk Analysis and Risk Management (6 credits)
- Biosafety of Genetically Modified Organisms (6 credits)
- Biosafety Research project (MSc students only) (9 credits)

Elective courses

- Legal Aspects of Biosafety in Biotechnology (4 credits)
- Molecular Diagnostics of GMO/LMO (Lab Based Methods) (4 credits)

Individual Courses available on request.

Cost

MSc. Biosafety

Programme fee BDS \$30,000 (US \$15,000)

Postgraduate Diploma Biosafety

Programme fee BDS \$18,000 (US \$9,000)

Additional for Both Programmes

ID Card Fee BDS \$30.00 (US \$15.00)

UWI Registration fees per semester BDS \$520.00 (US \$260.00)

Note: EACH student in the Diploma and MSc Biosafety who selects the elective "Molecular Diagnostics of GMO/LMO" – will need to make provision for an additional BDS \$2,000 (US \$1,000) to cover the cost of specialized laboratory supplies and lab fees that are essential for this course.

Programme Fee and University Registration fees are subject to change.

Students enrolled in this self-financed programme are billed for the courses for which they register each semester. University fees are additional to the programme fees and are billed every semester until the degree has been awarded.

CONTACT INFORMATION FOR MSc. / POSTGRADUATE DIPLOMA BIOSAFETY

Programme Director and Coordinator

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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 and 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