MSc Coastal and Ocean Management (P/T and FT) – OS 503

1. Objectives

Modern development entails a multidisciplinary approach to assess impacts on short, medium and long-term, a perspective which offers potential for exploring and exploitation of resources for human benefits in a sustainable way.

Mauritius has been diversifying its economy at a rapid pace during the last decade focusing mostly on tourism sectors. Since 2013, the government policy has been to drive forward the ocean economy for the Republic of Mauritius and to position the country as a regional hub in ocean-based economies. The development of such sectors is not prone to ecosystem damage, thus proper knowledge and capacity building is needed to bring the ocean economy to success.

The flexible MSc Coastal and Ocean Management programme adopts a blended learning approach comprising core and elective modules that can be studied full-time or part time. Course modules are delivered with a mix of traditional face- to- face lectures and online study options to allow maximum flexibility to learners especially those already in service.

This programme is based on the concepts of sustainable coastal and ocean management in current developments of our lagoons and open sea. It provides an advanced understanding of integrated coastal and ocean management, coastal and ocean resources and governance. Coastal zone hazards, fisheries management and usage of GIS and remote sensing are major themes to be discussed. Sustainable development is discussed thoroughly over the course of the programme in a way to maximize resource yields without compromising ecological integrity.

2. General Entry Requirements

Successful completion of an undergraduate degree with

- at least a Second Class or 50%, whichever is applicable or
- a GPA not less than 2.5 out of 4 or equivalent, from a recognized higher education institution.

OR alternative qualifications acceptable to the University of Mauritius.

3. Programme Requirements

BSc (Hons.) in any of the following fields: Marine Science and Technology, Biology, Chemistry, Physics, Agriscience and Technology, Agriculture (Sp. Aquaculture), Chemical and Environmental Engineering or equivalent qualifications acceptable to the University of Mauritius.

4. Programme Duration

The Programme is offered either on a full-time (F/T) and/or a part-time (P/T) basis. The duration of the Postgraduate Programme should normally not exceed 2 years (4 semesters) for F/T and 4 years (8 semesters) for P/T.

	Normal	**Maximum**
Master's Degree (F/T):	1 Year	2 Years

Postgraduate Diploma (F/T):	1 Year	2 Years
Master's Degree (P/T):	2 Years	4 Years
Postgraduate Diploma (P/T):	2 Years	4 Years

5. Minimum Credits Required for the Award

Master's Degree:	37
Postgraduate Diploma:	24
Postgraduate Certificate:	15

Breakdown as follows:

	Core Taught Modules	**Research Project**	**Electives (minimum)**
Master's Degree	24 credits	10 credits	3 credits

6. Assessment

Each module will carry 100 marks and will be assessed as follows (unless otherwise specified):

- Written Exams

All 3- credit Modules will be assessed by a **2 hr written exam paper**
All 6-credit Modules will be assessed by a **3 hr written exam paper**

The weighting will be 70% for examinations: 30% for Continuous assessment. The Continuous assessment may be based on laboratory works, and/or assignments and should include at least 1 class test per module.

An overall total of 40% for combined continuous assessment and written examination components would be required to pass a module, without minimum thresholds within the individual continuous assessment and written examination.

The Research Project carries 10 credits.
Submission Deadlines for research project:

- First Draft: End of July of Final Academic Year.
- Final Copy: Last working day of August of Final Academic Year.

7. Research Seminar

This includes mini-projects, oriented-discussion, coached group-work, presentations and other structured activities associated to enhancing the communication skills, interpersonal skills, teamwork, the professional and personal attributes of the students. Research seminars will be included in modules in which assignments form part of the coursework.

8. List of Modules
(L= Lectures; P=Practical)

Code	Module Name	L+P	Credits
CORE			
COM 4001Y(1)	Integrated Coastal and Ocean Management	75+30	6
COM 4002Y(1)	Law of the Sea and Ocean Governance	75+30	6
COM 4003Y(1)	Coastal Hazards and Disasters	37.5+15	3
COM 4004Y(1)	Ocean and Coastal Sustainability	37.5+15	3
MMS 4003Y (1)	Marine Pollution and Ecotoxicology	37.5+15	3
COM 4006Y(1)	Fisheries Management	37.5+15	3
COM 4000Y(1)	Research Project	-	10
ELECTIVES			
COM 4007Y(1)	Coastal and Ocean Ecosystems and Resources	37.5+15	3
COM 4008Y(1)	Remote Sensing and GIS	30 + 30	3

and/or any new modules offered by the Department
NOTE: NOT ALL ELECTIVES MAY BE ON OFFER. The choice rests with the department.

9. Programme Plan – MSc Coastal and Ocean Management Full-Time (F/T)

Year 1

Code	Module Name	L+P	Credits
CORE			
COM 4001Y(1)	Integrated Coastal and Ocean Management	75+30	6
COM 4002Y(1)	Law of the Sea and Ocean Governance	75+30	6
COM 4003Y(1)	Coastal Hazards and Disasters	37.5+15	3
COM 4004Y(1)	Ocean and Coastal Sustainability	37.5+15	3
MMS 4003Y (1)	Marine Pollution and Ecotoxicology	37.5+15	3
COM 4006Y(1)	Fisheries Management	37.5+15	3
COM 4000Y(1)	Research Project	-	10
ELECTIVES			
COM 4007Y(1)	Coastal and Ocean Ecosystems and Resources	37.5+15	3
COM 4008Y(1)	Remote Sensing and GIS	30 + 30	3

10. Programme Plan – MSc Coastal and Ocean Management Part-Time (P/T)

Year 1

Code	Module Name	L+P	Credits

CORE

COM 4001Y(1)	Integrated Coastal and Ocean Management	75+30	6
COM 4002Y(1)	Law of the Sea and Ocean Governance	75+30	6
COM 4003Y(1)	Coastal Hazards and Disasters	37.5+15	3
		37.5+15	37.5

Electives

COM 4007Y(1)	Coastal and Ocean Ecosystems and Resources	37.5+15	3
COM 4008Y(1)	Remote Sensing and GIS	30 + 30	3

Year 2

Core

COM 4004Y(1)	Ocean and Coastal Sustainability		
MMS 4003Y (1)	Marine Pollution and Ecotoxicology	37.5+15	3
COM 4006Y(1)	Fisheries Management	37.5+15	3
		37.5+15	3
COM 4000Y(1)	Research Project	-	10

For the MSc, students have to complete ALL core taught modules, the research project and ANY one (1) elective offered by the department.