



UNIVERSITY  
of  
TECHNOLOGY,  
MAURITIUS

## SCHOOL OF SUSTAINABLE DEVELOPMENT AND TOURISM

# Diploma in Fisheries Enabled Services

### PROGRAMME DOCUMENT

**VERSION 2.5**  
DFES v2.5  
August 2017

---

## DIPLOMA IN FISHERIES ENABLED SERVICES

---

### **A. PROGRAMME INFORMATION**

In line with the Government objectives to transform Mauritius into an Ocean Economy and to respond to the challenge of the Ministry of Ocean Economy, Marine Resources, Fisheries and Shipping to sustainably optimize aquatic and ocean-related resources, the Diploma programme in Fisheries Enabled Services is being offered. The program fosters at creating an enabling and sustainable environment to allow participants better promote the fisheries sector while taking into account sound economic and social growth.

This programme has been designed for people already working in the fisheries sector and for Officers of the Fisheries Protection Service of the Ministry of Ocean Economy, Marine Resources, Fisheries and Shipping. It offers opportunities for the personnel requiring specific knowledge and skills necessary to improve their effectiveness in their work area and also to cope with the various on-going changes in the field.

The programme is run over a period of two years over 4 semesters.

### **B. PROGRAMME AIM**

The programme aims at upgrading the knowledge and qualifications of the working people within the fisheries sector and to encourage independent thought and analysis of the conditions and situations met within the Ministry and the industries at technical and managerial levels.

### **C. PROGRAMME OBJECTIVES**

In line with Government's objectives to foster the development of the Ocean Economy, the program's objectives are to:

- foster the sustainable development and management of fisheries resources.
- equip students with the core knowledge, theoretical and practical underpinnings of the fisheries sector and the ocean economy
- cater for the conservation and protection of fisheries resources for continued socio-economic benefits to all stakeholders
- develop students' ability to think critically, appraise and apply relevant skills to address local, regional and international challenges

## **Part I REGULATIONS**

### **D. GENERAL ENTRY REQUIREMENTS**

As per UTM's 'Admissions Regulations' and 'Admission to Programmes of Study at Diploma Level'

### **E. PROGRAMME ENTRY REQUIREMENTS**

Either (i) As per UTM's 'Admissions Regulations' to Diploma Programmes

Or (ii) Exceptionally, other candidates who do not satisfy the above criteria, but who can satisfy the School Board on the recommendation of the School both as to their general educational qualifications and as to their competence for the course of study proposed, may be admitted with at least ten years of relevant work experience.

### **F. PROGRAMME MODE and DURATION**

Part Time: 2 years

Each academic year includes two semesters.

### **G. TEACHING AND LEARNING STRATEGIES**

The core teaching method for the programme, unless otherwise specified. Tutorials, presentations and assignments are expected to be provided to students to stimulate self-learning. Various learning technologies such as multi-media resources are provided for learning processes. The programme is run in collaboration with the Ministry of Ocean Economy, Marine Resources, Fisheries and Shipping. Students will be provided with the facilities offered at Albion Fisheries Research Centre to carry out their practical projects.

### **H. STUDENT SUPPORT AND GUIDANCE**

An Induction will be conducted by the Programme Director/Programme Coordinator before the beginning of the programme. Full-time and Part-time academic staffs providing their service to the programme are expected to provide academic tutoring to students.

Varied teaching methods will be used to enable students to explore, investigate and research into the various topics, interact with practitioners, and work in teams on projects. Through-out the course, Case-Studies will be used so as to familiarise the students with real-life situations and to learn how to cope with them. The University recognises the importance of practical experience and its value in employment and the program of study caters for 2 Practical assessments in relation to topics covered.

### **I. ATTENDANCE REQUIREMENTS**

As per UTM Regulations.

### **J. CREDIT SYSTEM**

The modules carry 3 or 4 credits as per the program structure.

Practical Project I – 3 credits

Practical Project II – 6 credits

For the award of a Certificate, 33 credits are required

For the award of a Diploma, 67 credits are required

1 credit = 15 hours of lecture

1 credit = 30 hours of practical/tutorials/seminars

## **K. STUDENT PROGRESS AND ASSESSMENT**

For the award of the Diploma, all modules must be passed overall with passes in the examinations, coursework and other forms of assessment.

All modules will carry 100 marks each and will be assessed as follows (unless otherwise specified): Written examinations of 2-hours' duration contributing up to 70% of total marks and continuous assessment carrying up to 30% of total marks. Continuous assessment can be based on seminars and/or assignments or class tests. Practical projects I and II will be assessed 100% solely by continuous assessment based on field works and written assignments.

## **L. EVALUATION OF PERFORMANCE**

### **Grading**

<b>Overall Marks</b>	<b>Grade</b>
$70 \leq X \leq 100$	A
$60 \leq X < 70$	B
$50 \leq X < 60$	C
$40 \leq X < 50$	D
$X < 40$	F
A-D	Pass
F	Fail

The % mark at Level 1 contributes a 40% weighting towards the Diploma classification.

The % mark at Level 2 contributes a 60% weighting towards the Diploma classification.

## **M. AWARD CLASSIFICATION**

Overall weighted mark  $y$  (%)

$y \geq 70$   
 $40 \leq y < 70$   
 $y < 40$

Classification

Diploma with Distinction  
Diploma  
No Award

## **N. PROGRAMME ORGANISATION AND MANAGEMENT**

### **Programme Development Committee:**

Dr C Bokhoree, Mrs T. Makoondlall-Chadee

Email: [sbokhoree@umail.utm.ac.mu](mailto:sbokhoree@umail.utm.ac.mu), [t.m.chadee@umail.utm.ac.mu](mailto:t.m.chadee@umail.utm.ac.mu)

Ministry of Ocean Economy, Marine Resources, Fisheries and Shipping

Mr Sreenivassen SOONDRON – Director of Fisheries      Email: [ssoondron@govmu.org](mailto:ssoondron@govmu.org)

Mr. Sheik Abdool Ganny IBRAHIM - Ag. Controller, Fisheries Protection Service

Email: [saibrahim@govmu.org](mailto:saibrahim@govmu.org)

Mrs. Gungadeen S. Assistant Permanent Secretary Email: [sgungadeen@gov.mu.org](mailto:sgungadeen@gov.mu.org)

Mrs. S. Mohit Julliette Assistant Manager Human Resources Email: [smohit-juliette@govmu.org](mailto:smohit-juliette@govmu.org)

Mr. Arnachellum Satchude Human Resource Executive Email: [sarnachellum@govmu.org](mailto:sarnachellum@govmu.org)

**O. PART II DIPLOMA IN FISHERIES ENABLED SERVICES**

**PROGRAMME STRUCTURE (PART-TIME)**

<b>YEAR 1</b>							
<b>Semester 1</b>				<b>Semester 2</b>			
<b>Code</b>	<b>Core Modules</b>	<b>Hrs/Wk L+T</b>	<b>Credits</b>	<b>Code</b>	<b>Core Modules</b>	<b>Hrs/Wk L+T</b>	<b>Credit</b>
SCI 1701B	<i>Introduction to Physical, Oceanography Marine Biology and Chemistry</i>	3 + 2	4	FSH 1201B	<i>Aquaculture</i>	3 + 2	4
VLEN 1103B	<i>Introduction to Information Technology</i>	2 + 2	3	SCI 1702B	<i>Marine Environment, Freshwater and Terrestrial Ecosystems</i>	3 + 2	4
COMM 1101B	<i>Business Communication</i>	3 + 0	3	SCI 1502B	<i>Meteorology and Climatology</i>	3 + 0	3
STAT 1105B	<i>Fisheries Statistics</i>	2 + 2	3	FSH 1101B	<i>Fisheries Management</i>	3 + 0	3
MBUS1102B	<i>Principles &amp; Practices in Management</i>	3 + 0	3	OSHM 1118B	<i>Workplace Safety and Health Promotion</i>	3+0	3
→ Start of Level 1				Finish of Level 1 →			
<b>YEAR 2</b>							
<b>Semester 1</b>				<b>Semester 2</b>			
<b>Code</b>	<b>Core Modules</b>	<b>Hrs/Wk L+T</b>	<b>Credits</b>	<b>Code</b>	<b>Core Modules</b>	<b>Hrs/Wk L+T</b>	<b>Credits</b>
FSH 2202B	<i>Fishing Technology</i>	3 + 2	4	LLAW 2105B	<i>Fisheries Enforcement</i>	3 + 2	4
LWS 2901B	<i>Fisheries Legislation</i>	3 + 2	4	FSH 2301B	<i>Post Harvest and Quality Control</i>	3 + 0	3
LWS 2501B	<i>Prosecution</i>	3 + 0	3	FSH 2302B	<i>Navigation and Safety at Sea</i>	3 + 2	4
ENVT 2701B	<i>Marine Eco-toxicology</i>	3 + 0	3				
PORT 2101B	<i>Practical Project I</i>		3	PORT 2102B	<i>Practical Project II</i>		6
→ Start of Level 2				Finish of Level 2 →			

**Total number of credits: 67**