

# Diploma /BSc (Hons) Occupational Health and Safety - SCLM438

## 1. Introduction

With the introduction of new technologies, equipment and work patterns, concern for the promotion of health and safety in the workplace is increasing among workers and employees across all industries and in society, in general. Consequently, the need for occupational health and safety professionals is also increasing. In this context, this new modular programme in Occupational Health and Safety, which is a collaborative endeavour with the Faculty of Science offers a progression through Diploma (63 credits) to a BSc (Hons) Degree (108 credits).

The programme is designed to benefit both Occupational and Health Officers who wish to develop and update their skills and those with a general interest in understanding the technical and managerial skills to address the occupational health and safety issues of modern society.

## 2. Objectives

The primary objective of the programme is to prepare and provide professional training to practicing and potential health and safety officers, so that they can develop their knowledge and skills in:

- i. Identifying, understanding and appreciating occupational hazards (actual and potential) and the taking of appropriate measures for their prevention and control;
- ii. Analysing, investigating, reporting and prevention of accidents and associated problems in the workplace;
- iii. Advising about the requirements in promoting a safe and healthy working environment; and
- iv. Applying the provisions of the occupational safety, health and welfare legislation to ensure their compliance.

## 3. Programme Requirements

In accordance with the General Entry Requirements for admissions to the University of Mauritius for Diplomas and Undergraduate degree.

### *For Diploma/BSc*

2 GCE 'A' Levels, at least one of which being a science subject, i.e. Physics, Chemistry, and /or Biology.

In line with the University policy on access to courses, students without the formal entrance qualifications set out above will be considered on their basis of work experience (three years minimum). Each case will be considered on its own merits.

### *For BSc (Upgrade)*

Students should be a holder of a Diploma in Occupational Health and Safety and any other equivalent and suitable qualifications acceptable by the University of Mauritius.

#### 4. Programme Duration

	<b>Normal (Years)</b>	<b>Maximum (Years)</b>
Diploma (Part-Time)	2 Years (4 Semesters)	4 Years (8 Semesters)
BSc (Part-Time)	4 Years (8 Semesters)	6 Years (12 Semesters)
BSc (Part-Time – Upgrading)	2 Years (4 Semesters)	4 Years (8 Semesters)

#### 5. Credits per Year

Minimum 18 Credits (subject to regulation 3)  
Maximum 48 Credits

#### 6. Minimum Credits Required for Award of Diploma/Degree

- Diploma: 63
- BSc: 108
- BSc (Upgrade): 45

#### 7. Assessment

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

Assessment will be based on a written examination of 2-hour or 3-hour duration as specified and continuous assessment carrying a range of 20% to 30% of total marks. Continuous assessment will be based on at least two (2) assignments and/or laboratory works, **and should include at least 1 compulsory class test**, per module per year.

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

Tools and Techniques (OHS 2002) and Professional Practice for Occupational Health (OHS 2201) will be assessed solely on continuous assessment.

The Module WCS 2200 (3) - Writing Case Studies will carry 70 marks for the write up ( 3000-4000 words) and 30 marks for the power point presentation (max 15 minutes per case). Assessment will be based on 100% continuous assessment (no written examinations).

This module will consist of 9 contact hours and 36 hours of self-study, carries 3 credits and shall be compulsory. A group of 2 students is expected to identify a case-study and must submit an abstract of 200 words to the lecturer coordinating the module after the 3 weeks of lectures and submit the full case study at the end of the module for assessment.

The mini project (Diploma -MGT 2001) and final year dissertation (BSc MGT 4000Y) will carry 3 credits for Diploma and 6 credits for the BSc. Yearly modules carry 6 credits and semester modules carry 3 credits.

Semester modules will be assessed at the end of the semester while yearly module will be assessed at the end of the academic year.

8. Programme Plan – Diploma /BSc (Hons) Occupational Health and Safety

<b>Year 1</b>			
<b>Module Code</b>	<b>Modules</b>	<b>Hrs/Wk L+P</b>	<b>Credits</b>
MGT 1067Y(1)	Principles and Practice of Mgt.	3+0	6
OHS 1001Y(1)	Occupational, Environmental Health and Ergonomics	3+0	6
OHS 1003(1)	First Aid*	3+0	3
MGT 2101(1)	Human Resource Mgt. 1*	3+0	3
MGT 1068(1)	Training & Simulation*	3+0	3
OHS 1201(1)	Industrial Hygiene I**	3+0	3
OHS 1002Y(1)	Fire Prevention & Protection	3+0	6
<b>Year 2</b>			
<b>Module Code</b>	<b>Modules</b>	<b>Hrs/Wk L+P</b>	<b>Credits</b>
OHS 2001(3)	Research Methodology**	3+0	3
OHS 2002(3)	Tools and Techniques*	1+4	3
MECH 2101(3)	Safety Engineering I*	3+0	3
WCS 2200(3)	Writing Case Studies*	0.6 + 0 <sup>#</sup>	3
ELEC 2214(3)	Safety Engineering II**	3+0	3
LAWS 2233Y(3)	General Principles of Law and Occupational and Safety legislation	3+0	6
OHS 2201(3)	Professional Practice for Occupational Health*	3+0	3
MGT 2001(3)	Mini Project**		3
CIVE 3001Y(5)	Environmental Technology and Management System	3+0	6

**EXIT DIPLOMA**

<b>Year 3</b>			
<b>Module Code</b>	<b>Modules</b>	<b>Hrs/Wk L+P</b>	<b>Credits</b>
MGT 2244(3)	Managing Transition and Change*	3+0	3
MGT 3160(5)	Occupation Management*	3+0	3
MGT 3161(5)	Accident Investigation and Risk Management*	3+0	3
CIVE 3214(5)	Safety Engineering III**	3+0	3
OHS 3201(5)	Health Behavioral Sciences**	3+0	3
OHS 3001Y(5)	Control of communicable and non communicable diseases	3+0	6

<b>Year 4</b>			
<b>Module Code</b>	<b>Modules</b>	<b>Hrs/Wk L+P</b>	<b>Credits</b>
OHS 4001Y(5)	Occupational Safety Practice	3+0	6
MGT 4121(5)	Health Economics*	3+0	3
OHS 4002(5)	Industrial Hygiene II*	3+0	3
OHS 4201(5)	Industrial Toxicology and Chemical Hazards**	3+0	3

LAWS 4002(5)	The Court Process**	3+0	3
MGT 4000Y(5)	Dissertation		6

#The module WCS 2200(3) will consist of 9 contact hours and 36 hours of self study.

\*These are 3 credits modules and will be run and examined in the **first** semester \*\* These are 3 credits modules and will be run and examined in **second** semester

*January 2010*