Diploma /BSc (Hons) Occupational Health and Safety –Part Time- SCLM438 (Under Review)

1. Context and Objectives

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 programme in Occupational Health and Safety offers a progression through Diploma to a BSc (Hons) Degree.

The primary objective of the programme is to prepare and provide professional training to practising and potential health and safety officers. 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. Learning Outcomes

By the end of this programme, graduates will have developed knowledge, abilities and skills in:

- identifying, understanding and appreciating actual and potential occupational risks and hazards,
- proposing appropriate measures for the prevention and control of these hazards and risks,
- analysing, investigating, reporting and prevention of accidents and associated problems in the workplace,
- analysing how human behaviour and psychology impact on health and safety and developing mitigating measures,
- understanding the role of organisations in promoting and facilitating a health and safety culture,
- advising about the requirements in promoting a safe and healthy working environment,
- applying the provisions of the prevailing occupational safety, health and welfare legislations,
- evaluating compliance of existing legislations,
- planning, developing and implementing Occupational Health and Safety Policies and occupational Health and Safety Systems for organisations,
- planning and conducting workplace investigations as well as occupational health and safety audits,
- developing basic research and analytical skills such as evaluation of literature and application of appropriate statistical tests.

3. Teaching and Learning Methods

The programme will be covered by lectures, tutorials, online activities, laboratory practicals, site visits, student-led seminars, field trips, student group work, flipped classroom and active learning. All of them are meant to allow the development of generic and subject-specific competences and learning outcomes prescribed for this programme of study.

4. Entry Requirements

- **General**

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

- **Programme (Specific)**

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.

5. Programme Duration

	Normal (Years)	**Maximum (Years)**
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)

6. Minimum LCCS credits Required

For Diploma Award	A student should have successfully completed a total of 120 LCCS credits as per the programme structure to be awarded the diploma.
For Degree Award	A student should have successfully completed a total of 210 LCCS credits as per the programme structure to be awarded the degree.
For Degree Award (Upgrade)	A student should have successfully completed a total of 90 LCCS credits as per the programme structure to be awarded the BSc upgrade degree.

For each Academic Year

Year of Study	Number of LCCS credits (Notional Learning Hours)
1	60 (1800 learning hours)
2	60 (1800 learning hours)
3	42 (1260 learning hours)
4	48 (1440 learning hours)
Total	210 (6300 learning hours)

Maximum LCCS credits per year (including Retake Modules, but excluding Exempt Modules) - 96
Minimum LCCS credits per year - 12

Breakdown of notional learning hours:

The total notional learning hours for the 4 year part time programme will comprise of the following learning activities:

Learning Activity	Notional Learning Hours
Contact Teaching	990
Self-study	1980
Other learning	3330
Total	6300

7. Assessment and Deadlines

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.

Continuous assessment will carry 40% of total marks while written examination will account for 60%.

Continuous assessment can be based on case studies, reports, field visits, assignments, activities, laboratory works and should include at least one class test.

For a student to pass a module, an overall total of 40% for combined continuous assessment and written examination components.

Tools and Techniques (OHS 2102) and Professional Practice for Occupational Health (OHS 2101) will be assessed solely on continuous assessment.

The mini project (Diploma - OHS 2202) and final year dissertation (BSc- OHS 4000Y) will carry 6 LCCS credits for Diploma and 12 LCCS credits respectively.

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

Research project submission deadline will be as per UoM regulations.

Mini projects will be submitted by the last week day of the academic year in semester 2.

8. List of Modules

Code	Module Name		Code	Module Name
YEAR 1				
Semester 1			**Semester 2**	
MGT 1067Y(1)	Principles and Practice of Management		MGT 1067Y(1)	Principles and Practice of Management
OHS 1001Y(1)	Occupational, Environmental Health and Ergonomics		OHS 1001Y(1)	Occupational, Environmental Health and Ergonomics
OHS 1103(1)	First Aid		OHS 1002Y(1)	Fire Prevention & Protection
MGT 2101(1)	Human Resource Management 1		OHS 1201(1)	Industrial Hygiene I
MGT 1068(1)	Training & Simulation			
OHS 1002Y(1)	Fire Prevention & Protection			
YEAR 2				
Semester 1			**Semester 2**	
OHS 2102(3)	Tools and Techniques		OHS 2201(3)	Research Methodology
MECH 2101(3)	Safety Engineering I		ELEC 2214(3)	Safety Engineering II
LAWS 2233Y(3)	General Principles of Law and Occupational and Safety legislation		LAWS 2233Y(3)	General Principles of Law and Occupational and Safety legislation
OHS 2101(3)	Professional Practice for Occupational Health		OHS 2202(3)	Mini Project
CIVE 3001Y(5)	Environmental Technology and Management System		CIVE 3001Y(5)	Environmental Technology and Management System
YEAR 3				
Semester 1			**Semester 2**	
MGT 2244(3)	Managing Transition and Change		CIVE 3214(5)	Safety Engineering III
OHS 3101 (5)	Occupation Management		OHS 3201(5)	Health Behavioral Sciences

OHS 3102 (5)	Accident Investigation and Risk Management		OHS 3001Y(5)	Control of communicable and non-communicable diseases
OHS 3001Y(5)	Control of communicable and non-communicable diseases			
YEAR 4				
Semester 1			**Semester 2**	
OHS 4001Y(5)	Occupational Safety Practice		OHS 4201(5)	Industrial Toxicology and Chemical Hazards
OHS 4101(5)	Health Economics		OHS 4001Y(5)	Occupational Safety Practice
OHS 4102(5)	Industrial Hygiene II		LAWS 4002(5)	The Court Process
OHS 4000Y(5)	Dissertation		OHS 4000Y(5)	Dissertation

9. Programme Plan

Code	Module Name	Contact Teaching (hours) L/P	Self-study (hours)	Other learning (hours)	Total learning hours	LCCS credits
Year I						
MGT 1067Y(1)	Principles and Practice of Management	60	120	180	360	12
OHS 1001Y(1)	Occupational, Environmental Health and Ergonomics	60	120	180	360	12
OHS 1103(1)	First Aid	30	60	90	180	6
MGT 2101(1)	Human Resource Management 1	30	60	90	180	6
MGT 1068(1)	Training & Simulation	30	60	90	180	6
OHS 1201(1)	Industrial Hygiene I	30	60	90	180	6
OHS 1002Y(1)	Fire Prevention & Protection	60	120	180	360	12
	SUB-TOTAL	300	600	900	1800	60
Year 2						
OHS 2201(3)	Research Methodology	30	60	90	180	6
OHS 2102(3)	Tools and Techniques	15/15	60	90*	180	6
MECH 2101(3)	Safety Engineering I	30	60	90	180	6
ELEC 2214(3)	Safety Engineering II	30	60	90	180	6

LAWS 2233Y(3)	General Principles of Law and Occupational and Safety legislation	60	120	180	360	12
OHS 2101(3)	Professional Practice for Occupational Health	30	60	90	180	6
OHS 2202(3)	Mini Project	30	60	90	180	6
CIVE 3001Y(5)	Environmental Technology and Management System	60	120	180	360	12
	SUB-TOTAL	300	600	900	1800	60
Year 3						
MGT 2244(3)	Managing Transition and Change	30	60	90	180	6
OHS 3101 (5)	Occupation Management	30	60	90	180	6
OHS 3102(5)	Accident Investigation and Risk Management	30	60	90	180	6
CIVE 3214(5)	Safety Engineering III	30	60	90	180	6
OHS 3201(5)	Health Behavioral Sciences	30	60	90	180	6
OHS 3001Y(5)	Control of communicable and non communicable diseases	60	120	180	360	12
	SUB-TOTAL	210	420	630	1260	42
Year 4						
OHS 4001Y(5)	Occupational Safety Practice	60	120	180	360	12
OHS 4101(5)	Health Economics	30	60	90	180	6
OHS 4102(5)	Industrial Hygiene II	30	60	90	180	6
OHS 4201(5)	IndustrialToxicology and Chemical	30	60	90	180	6

	Hazards					
LAWS 4002(5)	The Court Process	30	60	90	180	6
OHS 4000Y(5)	Dissertation	0	0	360	360	12
	SUB-TOTAL	180	360	900	1440	48
	GRAND TOTAL	**990**	**1980**	**3330**	**6300**	**210**

L/P – Lecture/Practical

*** 45 hours of practicals will be covered as part of other learning hours**