



UNIVERSITY
of
TECHNOLOGY,
MAURITIUS

School of Sustainable Development And Tourism

BSc. (Hons) Occupational Safety & Health Management Programme

PROGRAMME DOCUMENT

VERSION 4.0
BOSHM 4.0
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University of Technology, Mauritius

La Tour Koenig, Pointe aux Sables, Mauritius

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Bsc. (Hons) Occupational Safety & Health Management

A. Programme Information

Successful organisations treat their employees as valuable assets and with increasing cut throat competition and emphasis laid on human resource policies and practices, health, safety and well being of employees cannot be ignored for the success of business entities. Employers are being called upon to strengthen the need to better equip themselves with tools that effectively guard their employees against the numerous occupational hazards but also pandemics and climate change having adverse effects on businesses.

Safety & Health officers have seen themselves shouldering various responsibilities with the advent of technology, climate change and pandemics. Of late, they have been called upon to deal with new and more complicated issues regarding the health, safety and well being of their colleagues. New challenges are still awaiting ahead with amendments having been made to laws, rules and regulations.

B. Programme Aims

This programme aims at those who wish to pursue a career in the field of occupational safety & health. The course will not only provide them with the basics of safety and health, but will also broaden their knowledge and equip them with up to date skills and knowledge that are required to perform their day to day duties. The course will also enable them to better cope with recent unprecedented changes that have taken place in the field of safety, health and well being. Students will be given the opportunity to analyse situations with respect to safety and health issues and thus take appropriate actions. The course will also provide them with a strong know how as to the legal aspects of safety and health in Mauritius especially with recent amendments brought to existing laws at work.

C. Programme Objectives

The course has been designed for both practitioners and non-practitioners and to provide them with up to date and marketable skills and knowledge that are relevant to a broad spectrum of industries and work environments.

This degree is designed to meet the professional development needs of safety and health professionals by providing the latest OSHM knowledge, techniques, and skills with an understanding that occupational safety and health is an integral part of doing business in the global competitive world of today. Students in this degree program will develop the skills and knowledge needed in the field of safety and health management that will allow them to develop, implement, and maintain an effective safety, health and wellness programs in today's business and bottom-line oriented companies.

The programme offers 2 exit points at Level 2 and Level 3 which would enable the students to qualify for the award of a Diploma and Degree respectively.

PART I - Regulations

D. General Entry Requirements

As per UTM'S Admissions Regulations, and 'Admission to Programmes of Study at Degree Level'.

E. Programme Entry Requirements

None

F. Programme Mode and Duration

Full Time:	2 Years (Diploma)
	3 Years (Degree)
Part Time:	3 Years (Diploma)
	4 1/2 Years(Degree)

G. Teaching and Learning Strategies

The programme will employ a wide variety of teaching methods. One Module will carry 150 hours of learning comprising of 45 contact hours of delivery which could be any combination of face to face, online and blended. The remaining 105 hours will cover Self Learning. Self-learning will be the key feature of the programme, enabling students to explore, investigate and research into the various topics, interact with practitioners, and work in teams on projects.

The University recognises the importance of practical experience and its value to employers consequently work Placement holds a significant place in the degree as it allows full-time students to obtain first-hand exposure before taking up employment after graduation. Part-time students will be required to submit a portfolio.

H. Student Support and Guidance

In addition to lectures, group tutorials or individual tutorials are arranged for students.

I. Attendance Requirements

As per UTM's Regulations and Policy.

J. Credit System

This programme is aligned with the European Credit and Transfer System (ECTS). All modules carry 6 credits as per the programme structure with the Work placement/Portfolio - 6 credits and Dissertation- 12 credits

The credit requirements for the programme shall be equivalent to 180 credits.

K. Student Progress and Assessment

For the award of the Degree, all modules must be passed in the examinations, coursework or other forms of assessment.

The programme will be assessed as follows:

1. Unless otherwise specified, all modules will consist of written examinations of 2 hours per module. The assessment weightage per examination-based module is 70% for written examinations and 30% for continuous assessment such as seminars, presentations, class tests and written assignments.

All modules are normally assessed over 100 marks, except for project/dissertation where it shall be as specified in the programme.

2. The module 'Essentials of Statistics' will be assessed through 50% coursework and 50% exams. The Coursework should include at least 2 class tests and a formal assignment.
3. The following module will be assessed 100% coursework as follows:

- Research Methods for Environmental and Health Sciences will be assessed by project based assignment involving fieldwork, report and presentation.
4. Full-time students will be assessed for the Workplacement in Year 2 Semester 2 which will be conducted for a total of 360 hours. Working students will be assessed for Portfolio as per the portfolio guideline. Students must demonstrate that they have achieved the learning objectives specified as per the work-placement guidelines. The placement supervisor will be required to fill out a feedback appraisal form pertaining to student's performance during the placement.

L. EVALUATION OF PERFORMANCE

Grading

Overall Marks	Grade
$70 \leq X \leq 100$	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 percentage mark at Level 1 contributes a 20% weighting towards the Degree classification.
The percentage mark at Level 2 contributes a 30% weighting towards the Degree classification.

The percentage mark at Level 3 contributes a 50% weighting towards the Degree classification.

M. Award Classification

First Class with Honours	$CPA \geq 70$
Second Class First Division with Honours	$60 \leq CPA < 70$
Second Class Second Division with Honours	$50 \leq CPA < 60$
Third Class with Honours	$45 \leq CPA < 50$
Pass	$40 \leq CPA < 45$
No Award	$CPA < 40$

N. Programme Organisation and Management

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Part II - Programme Structure

O. BSc. (Hons) Occupational Safety and Health Management– Full Time (Version 4)

YEAR 1							
Semester 1				Semester 2			
Code	Modules	Hrs/ Wk L / SL	Credits	Code	Modules	Hrs/Wk L/SL	Credits
COMM 1101B	<i>Business Communication</i>	3 + 7	6	STAT 1104B	<i>Essentials of Statistics</i>	3 + 7	6
MBUS 1102B	<i>Principles & Practices of Management</i>	3 + 7	6	LWS 1201B	<i>Public Health & Health, Safety , Welfare legislation</i>	3 + 7	6
SCI 1101B	<i>Chemistry Essentials for S & H</i>	3 + 7	6	SCI 1301B	<i>Physics Essentials for S& H</i>	3 + 7	6
OSHM 1109B	<i>Introduction to occupational Safety& Health</i>	3 + 7	6	OSHM 1223B	<i>Occupational & Mental Health</i>	3 + 7	6
MGPL 1202B	<i>Organisational Behaviour</i>	3 + 7	6	MGPL 2103B	<i>Management of Human Resources</i>	3 + 7	6
→ Start of Level 1				Finish of Level 1 →			
YEAR 2							
Semester 1				Semester 2			
Code	Modules	Hrs/ Wk L/SL	Credits	Code	Modules	Hrs/Wk S/SL	Credits
LWS 2103B	<i>Labour & Employment Laws</i>	3 + 7	6	OSHM 2114B	<i>Fire Safety</i>	3 + 7	6
OSHM 2111B	<i>Safety Engineering I</i>	3 + 7	6	OSHM 2212B	<i>Occupational Rehabilitation & Compensation</i>	3 + 7	6
OSHM 2224B	<i>Industrial Hygiene</i>	3 + 7	6	OSHM 2115B	<i>Accident Investigation</i>	3 + 7	6
OPS 2109B	<i>Risk Management for Safety & Health</i>	3 + 7	6	WPL 2000B	<i>Workplacement</i>	3 + 7	6
OSHM 2113B	<i>Industrial Toxicology & Chemical Safety</i>	3 + 7	6				
OSHM 2210	<i>Ergonomics at work</i>	3 + 7	6				
Start of Level 2 →				Finish of Level 2 →			

YEAR 3

Semester 1				Semester 2			
Code	Modules	Hrs/Wk L/SL	Credits	Code	Modules	Hrs/Wk S/SL	Credits
<i>STAT 3307B</i>	<i>Research Methods for Environmental and Health Sciences</i>	<i>3 + 7</i>	<i>6</i>	<i>ENVT 3120 B</i>	<i>Environmental Management & Climate Change</i>	<i>3 + 7</i>	<i>6</i>
<i>SSDV 3203B</i>	<i>Training & Educating Workers</i>	<i>3 + 7</i>	<i>6</i>	<i>OSHM 3117B</i>	<i>Hazard Prevention & Strategy</i>	<i>3 + 7</i>	<i>6</i>
<i>ENVT 3201B</i>	<i>Waste Management</i>	<i>3+ 7</i>	<i>6</i>	<i>OPS 3205B</i>	<i>Project Management</i>	<i>3 + 7</i>	<i>6</i>
<i>OSHM 3116B</i>	<i>Safety Engineering II</i>	<i>3 + 7</i>	<i>6</i>	<i>OPS 3603B</i>	<i>Maintenance Strategy</i>	<i>3 + 7</i>	<i>6</i>
				<i>DISS 3000</i>	<i>Dissertation</i>		<i>12</i>
	<i>Dissertation Starts</i>						
→ <i>Start of Level 3</i>				<i>Finish of Level 3</i> →			

P. BSc. (Hons) Occupational Safety and Health Management – Part Time (Version 4.0)

YEAR 1							
Semester 1				Semester 2			
Code	Modules	Hrs/Wk L /SL	Credits	Code	Modules	Hrs/Wk L / SL	Credits
COMM 1101B	Business Communication	3 + 7	6	MGPL 1202B	Organisational Behaviour	3 + 7	6
MBUS 1102B	Principles & Practices of Management	3 + 7	6	STAT1104B	Essential of Statistics	3 + 7	6
SCI 1101B	Chemistry Essentials for S & H	3 + 7	6	LWS 1201B	Public Health & Health, Safety , Welfare legislation	3 + 7	6
OSHM 1109B	Introduction to occupational Safety& Health	3 + 7	6				
Start of Level 1							
YEAR 2							
Semester 1				Semester 2			
Code	Modules	Hrs/Wk L / SL	Credits	Code	Modules	Hrs/Wk L/ SL	Credits
SCI 1301B	Physics Essentials for S& H	3 + 7	6	LWS 2103B	Labour & Employment Laws	3 + 7	6
OSHM 1223 B	Occupational & Mental Health	3 + 7	6	OSHM 2111B	Safety Engineering I	3 + 7	6
MGPL 2103	Management of Human Resources	3 + 7	6	OSHM 2224B	Industrial Hygiene	3 + 7	6
Finish of Level 1				Start of Level 2			
YEAR 3							
Semester 1				Semester 2			
Code	Modules	Hrs/Wk L / SL	Credits	Code	Modules	Hrs/Wk L / SL	Credits
OPS 2109B	Risk Management for Safety & Health	3 + 7	6	OSHM 2114B	Fire Safety	3 + 7	6
OSHM 2113B	Industrial Toxicology & Chemical Safety	3 + 7	6	OSHM 2212B	Occupational Rehabilitation & Compensation	3 + 7	6
OSHM 2210B	Ergonomics at work	3 + 7	6	OSHM 2115B	Accident Investigation	3 + 7	6
				PORT 2000 B	Portfolio		6
Finish of Level 2							

YEAR 4

Semester 1				Semester 2			
Code	Core Modules	Hrs/Wk L / SL	Credits	Code	Core Modules	Hrs/Wk L / SL	Credits
<i>STAT 3307B</i>	<i>Research Methods for Environmental and Health Sciences</i>	3 + 7	6	<i>OPS 3205B</i>	<i>Project Management</i>	3 + 7	6
<i>SSDV 3203</i>	<i>Training & Educating Workers</i>	3 + 7	6	<i>ENVT 3120 B</i>	<i>Environmental Management & Climate Change</i>	3 + 7	6
<i>ENVT 3201</i>	<i>Waste Management</i>	3 + 7	6	<i>OSHM 3117B</i>	<i>Hazard Prevention & Strategy</i>	3 + 7	6
<i>OSHM 3116</i>	<i>Safety Engineering II</i>	3 + 7	6	<i>OPS 3603B</i>	<i>Maintenance Strategy</i>	3 + 7	6
	<i>Dissertation starts</i>			<i>DISS 3000</i>	<i>Dissertation</i>		12
<i>Start of Level 3</i>							