

Master of Public Health (MPH) – (Under Review) Full time SC 542

1. CONTEXT AND OBJECTIVES

(including relevant competencies)

This Master of Public Health (MPH) programme aims to provide an in-depth knowledge of public health. It is designed for students who intend to pursue careers in public health practice, management and/or research at local, national and/or supranational levels. It offers a knowledge and skills base in the principles and methods of public health.

The MPH will have two special areas of focus:

- a) The development of quantitative analytical skills for public health, epidemiology and health services research and;
- b) Global health initiatives, evaluation and policy making.

2. LEARNING OUTCOMES

On completion of this programme, learners will be expected to:

1. apply the essential principles of modern bio-statistical methods;
2. use quantitative and qualitative skills in public health practice such as:
 - a. public health ethics,
 - b. health needs assessment,
 - c. health equity audit,
 - d. health service/ health policy evaluation,
 - e. prevention and early intervention for health risk behaviours including substance misuse, health intervention planning,
 - f. health protection (surveillance and intervention including disaster management) and
 - g. application of microeconomics to healthcare;
3. develop skills in the design, analysis, interpretation and critical appraisal of epidemiological and health services research;
4. apply research methods to selected areas of epidemiology and/or health intervention evaluation;
5. develop skills in critical thinking, academic writing and communication;
6. apply their understanding of the epidemiology, etiology and prevention of chronic diseases including mental illness in practical settings;
7. analyze the challenges in global health and approaches to the evaluation of global health initiatives;
8. evaluate emerging epidemics and threats and infectious disease outbreak investigation and response.

3. TEACHING AND LEARNING METHODS

A combination of teaching and learning methods will be used during this course to meet the needs of the students, such as case studies, reflective writing, prior reading and preparation, team based working, and regular quiz.

Students will be expected to work in groups to prepare presentation/videos on topics specified in the respective modules. Students will be engaging in forums and case based discussions on a regular basis. Students will also be expected to attend workshops and conferences related to public health.

4. ENTRY REQUIREMENTS

- **General 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

- **Specific**

- **Medically Qualified Applicants:** MBBS, MBChB or equivalent;
- **Non-Medically Qualified Applicants:** An Upper Second Class degree or equivalent or a BDS degree and two years of experience in public health, health promotion, health administration, occupational and environmental health experience, clinical research or other health-related fields.
- **OR** alternative qualifications acceptable to the University of Mauritius
- Suitable candidates should have a strong academic record with adequate quantitative skills and a background in medicine, health sciences, biological sciences or environmental sciences.

5. PROGRAMME DURATION

The programme is offered on a full time basis. The duration of the postgraduate programme should normally not exceed 2 years (4 semesters). The student may exit with a postgraduate diploma if he has not completed the research project.

	Normal	Maximum
Master's Degree (FT):	2 semesters	4 semesters
Postgraduate Diploma (FT):	2 semesters	4 semesters

6. MINIMUM LCCS CREDITS REQUIRED

For each semester

Maximum LCCS credits per year (including Retake Modules, but excluding Exempt Modules) – 48

Minimum LCCS credits per year - 6

For each year

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

Minimum LCCS credits per year - 12

Minimum LCCS Credits Required for the Award of

Master's Degree: 72

Postgraduate Diploma: 48

Breakdown is as follows:

	Core Taught Modules	Project
Master's Degree:	48 LCCS	24 LCCS
Postgraduate Diploma:	48 LCCS	

7. ASSESSMENT AND DEADLINES

Each module will carry 100 marks (6 LCCS Credits) and will be assessed as follows (unless otherwise specified):

- Each module will be assessed by written examination of 3-hour duration and continuous assessment (CA). The distribution of marks will be Examination (60%) and CA (40%). Continuous assessment may comprise case studies of public health problems or a proposal for a public health intervention or a public health agency visit report or a student-led seminar on a selected public health topic or a literature-based research and CA should include at least 1 class test. The modules will be assessed at the end of each semester where the module is taught.
- For a student to pass a module, an overall total of a minimum of 50% should be attained in that module. Students will receive formative feedback from the module tutors to assist them in assessing their own progress.
- All modules carry equal weighting.
- The student must also complete a research project which carries 24 LCCS Credits.

8. LIST OF MODULES
CORE MODULES

Code	Module Name	Contact Hrs	Self-Study/Hrs	Other Learning activities/Hrs	LCCS Credits
MED 6002(1)	General management theory and practice for public health professionals	30	60	90	6
MED 6003(1)	Epidemiology and Biostatistics	36	72	108	6
MED 6004 (1)	Methods for health services research and services improvement	30	60	90	6
MED 6005(1)	Health improvement	30	60	90	6
MED 6006(1)	Chronic disease epidemiology	30	60	90	6
MED 6007(1)	Global health	30	60	90	6
MED 6008(1)	Public mental health	30	60	90	6
MED 6009(1)	Health protection (infectious diseases and environmental hazards)	30	60	90	6
MED 6000(1)	Research Project	-	-	-	24
Total		246	492	738	72

9. PROGRAMME PLAN – MASTER OF PUBLIC HEALTH

L: Lecture/Contact hours S: Self Study O: Other activities

Semester 1				Semester 2			
Code	Module Name	Hrs/Yr L+S+O	LCCS Credits	Code	Module Name	Hrs/Yr L+S+ O	LCCS Credits
Core				Core			
MED 6002(1)	General management theory and practice for public health professionals	30+60+ 90	6	MED 6006(1)	Chronic disease epidemiology	30+60 +90	6
MED 6003(1)	Epidemiology and biostatistics	36+72+ 108	6	MED 6007(1)	Global health	30+60 +90	6
MED 6004 (1)	Methods for health services research and services improvement	30+60+ 90	6	MED 6008(1)	Public mental health	30+60 +90	6
MED 6005(1)	Health improvement	30+60+ 90	6	MED 6009(1)	Health protection (infectious diseases and environmenta l hazards)	30+60 +90	6
MED 6000(1)	Research Project	-	12	MED 6000(1)	Research Project		12
	Subtotal		36				36
	Total	72					