

MASTER OF PUBLIC HEALTH

PROGRAMME OBJECTIVE

To equip public health professionals to use systems and evidence-based approaches to identify and solve public health problems to improve the health of communities.

CORE COMPETENCIES

1. Estimate the burden, and identify patterns and determinants of disease and ill-health in communities
2. Apply appropriate research methods and analytic tools to identify solutions to address community health and healthcare related problems
3. Apply concepts and methods in social and behavioural sciences to evaluate and inform development of health promotion policies, programmes and services
4. Apply knowledge of health systems, policy and financing, health economics and key global health issues to evaluate and inform development of public health policies, programmes and services
5. Take into consideration ethical and legal principles in public health practice and policy
6. Communicate public health research evidence effectively to different audiences
7. Understand own professional strengths and personal skills to lead and work collaboratively in a public health team

CORE MODULES [24MC/ 5 MODULES]

- SPH5001 Foundations of Public Health (0MC) [Graded as CS/CU]
- SPH5002 Public Health Research Methods (8MC)
- SPH5004 Introduction to Health Policy and Policy Analysis (4MC)
- SPH5003 Health Behaviour and Communication (4MC)
- SPH5005 Practicum (8MC)

ELECTIVE MODULES [24 MC/ 6 MODULES]

SPECIALISATION: OCCUPATIONAL HEALTH						
Core Competencies for Occupational Health		FOCUS AREAS	HEALTH POLICY AND HEALTHCARE DELIVERY	EPIDEMIOLOGY	HEALTH PROMOTION	GLOBAL HEALTH
GOAL	To prepare students for careers in protecting and improving the health of people at work.	GOAL	To prepare students for careers in planning, implementing and delivering better healthcare services.	To prepare students for careers in disease control focusing on epidemiological study designs, and analysis and interpretation of results.	To prepare student for careers in planning, implementing and evaluating health promotion programmes.	To prepare students for careers in global health via the social, economic, and political determinants of health, and global responses to health problems.
OBJECTIVES	Prevention and control of occupational, work related and general diseases, and health promotion at the workplace (How public health knowledge is applied to the workplace and the worker)	OBJECTIVES	Understanding how healthcare is operationally delivered to patients and the community Formulation and implementation of solutions, at policy and local level, of complex problems in the healthcare system	Understanding the causes, prevention and control of human disease Development of epidemiological research skills and their application to the study of health and disease in human populations.	Assessing individual and community needs for planning health education strategies, interventions, and programmes. Applying appropriate research principles and techniques in health education and promotion. Implementation and evaluation of health promotion interventions and programmes	Understanding how public health knowledge is applied to international health and social challenges Skills needed to successfully operate in the global public health landscape
SUBSEQUENT CAREERS IN	Occupational safety and health professionals at organisations, factories and other workplaces [Workplace safety & health coordinator, Health programme coordination, Occupational Health Nursing, Occupational medicine (specialist)]	SUBSEQUENT CAREERS IN	Ministries of Health (Policy and Planning) Regional Health Systems Health Sciences Authority Agency for Integrated Care Hospital (operations and management) Healthcare and related businesses NGOs	Ministry of Health (Epidemiology and Disease Control) Health Promotion Board NEA Hospital epidemiology units, Pharmaceuticals (R&D units) NGOs	Health Promotion Board Hospital Health Promotion Units NGOs (Eg CARE, FHI, WV)	Multi-lateral agencies (such as WHO) Governmental agencies (USAID, AUSAID, DFID) In-country Ministry of Health NGOs
Specialisation Modules Medical Professionals: 24MC/ 6 modules Non-medical: 20MC/ 5 modules	<ul style="list-style-type: none"> • SPH5301 Occupational Health Practice • SPH5302 Occupational Toxicology and Industrial Hygiene • SPH5303 Workplace Assessment • SPH5304 Occupational Ergonomics • SPH5407 Programme Evaluation Medical professionals to read for accreditation: <ul style="list-style-type: none"> • SPH5305 Clinical Occupational Medicine 	Highly Recommended (Introduction to area, or highly useful methods and skills)	<ul style="list-style-type: none"> • SPH5402 Management of Healthcare Organisations • SPH5404 Measuring and Managing Quality of Care • SPH5405 Introduction to Health Services Research 	<ul style="list-style-type: none"> • SPH5203 Advanced Epidemiology I • SPH5103 Collection, Management & Analysis of Quantitative Data • SPH5201 Control of Communicable Diseases • SPH5202 Control of Non-Communicable Diseases 	<ul style="list-style-type: none"> • SPH5409 Qualitative Methods in Public Health • SPH5407 Programme Evaluation • SPH5501 Public Health Communications 	<ul style="list-style-type: none"> • SPH5406 Contemporary Global Health Issues • SPH5410 Developing Health Proposals using DME Skills & Tools • SPH5407 Programme Evaluation
Recommended Elective Modules for non-medical (4MC)	<ul style="list-style-type: none"> • 1 elective module 	Recommended (More specialised, other useful methods and skills, specific fields of study)	<ul style="list-style-type: none"> • SPH5407 Programme Evaluation • SPH5401 Health Economics and Financing • SPH5412 Economic Methods in Health Technology Assessment • SPH5411 Information Technology in Healthcare • SPH5104 Healthcare Analytics • SPH5501 Public Health Communication • SPH5409 Qualitative Methods in Public Health • SPH5408 Public Health and Ageing • SPH5201 Control of Communicable Diseases • SPH5202 Control of Non-Communicable Diseases 	<ul style="list-style-type: none"> • SPH5101 Advanced Quantitative Methods I • SPH5407 Programme Evaluation • SPH5409 Qualitative Methods in Public Health • SPH5102 Design, Conduct and Analysis of Clinical Trials • SPH5104 Healthcare Analytics • SPH5408 Public Health and Ageing • SPH5204 Nutrition and Health • SPH6003 Nutritional Epidemiology • SPH5306 Environmental Health 	<ul style="list-style-type: none"> • SPH5410 Developing Health Proposals using DME Skills & Tools • SPH5201 Control of Communicable Diseases • SPH5202 Control of Non-Communicable Diseases • SPH5406 Contemporary Global Health Issues • SPH5408 Public Health and Ageing • SPH5204 Nutrition and Health • SPH5306 Environmental Health 	<ul style="list-style-type: none"> • SPH5409 Qualitative Methods in Public Health • SPH5501 Public Health Communication • SPH5403 Medical and Humanitarian Emergencies • SPH5201 Control of Communicable Diseases • SPH5202 Control of Non-Communicable Diseases • SPH5408 Public Health and Ageing • SPH5204 Nutrition and Health • SPH5306 Environmental Health