

Prospectus

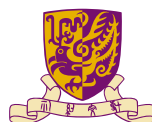
Master of Public Health and Postgraduate Diploma in Public Health

公共衛生碩士及
公共衛生學深造文憑



ACT TO EMPOWER

Public Health with a Global Perspective



JC School of Public Health and Primary Care
The Chinese University of Hong Kong

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About Us

THE CHINESE UNIVERSITY OF HONG KONG

The Chinese University of Hong Kong (CUHK) was founded in 1963 with a vision to combine the best of tradition, modernity, east and west. Today a leading collegiate university with a strong research bent, the institution proudly preserves its founding ethos to bring together China and the West, providing a bilingual education to a multicultural student body. CUHK teachers and students hail from all around the world. CUHK graduates are connected worldwide through an extensive alumni network



The Jockey Club School of Public Health and Primary Care (JCSPHPC)

The Jockey Club School of Public Health and Primary Care (JCSPHPC) was founded in 2001 as the first school of public health in Hong Kong. The mission of the School is to contribute to the improvement of the health of populations locally, nationally and internationally through excellence in research, teaching and training in public health, and collaborative efforts with worldwide partners from relevant disciplines and institutions.

Taught Postgraduate Programmes – Public Health

The Master of Public Health (MPH) enables graduates to bring their knowledge to bear in tackling contemporary public health issues by integrating practice and theory, and developing the necessary perspectives, skills and experience to provide informed, effective leadership in the public health practice.

The MPH and Postgraduate Diploma in Public Health (PgDPH) have been flagship programmes of the School since 2006. Benchmarked against professional public health standards in the United Kingdom and the United States, our programmes provide a solid foundation whereby students may become acquainted with the core professional competencies of public health, which include epidemiology, biostatistics, environmental and occupational health, global health, health promotion and social behaviour, infectious diseases, and health services management. Additionally, we offer modules in areas of public health practice such as health education and promotion, research methods, public health law and global health. Our MPH programme curriculum integrates theory with practice, enabling graduates to tackle contemporary public health issues. The programme provides broad public health perspectives and skills necessary to assume effective leadership in public health practice.



Programme Director

Director;
JC School of Public Health and Primary Care, CUHK

Professor Samuel Yeung-shan WONG

黃仰山教授

MD (U. of Toronto), MD (CUHK), MPH (Johns Hopkins), CCFP, FRACGP, FHKCCM, FFPH (UK), FCFP, FHKAM (Community Medicine), FHKAM (Family Medicine)

Why Public Health?

Public Health is about the health of yourself, your community and the world at large. By joining the global force of professionals interested and dedicated to careers in public health, you can make a difference as well. Public Health is central to how our society achieves and sustains conditions that maximise the health and well-being of our populations.

Obesity and nutrition, pollution, heat waves, tobacco use, control of infectious and chronic diseases, and injury prevention are only a handful of the important contemporary issues in public health. Such issues require urgent attention, given the short and long-term impact they have on existing and future populations.

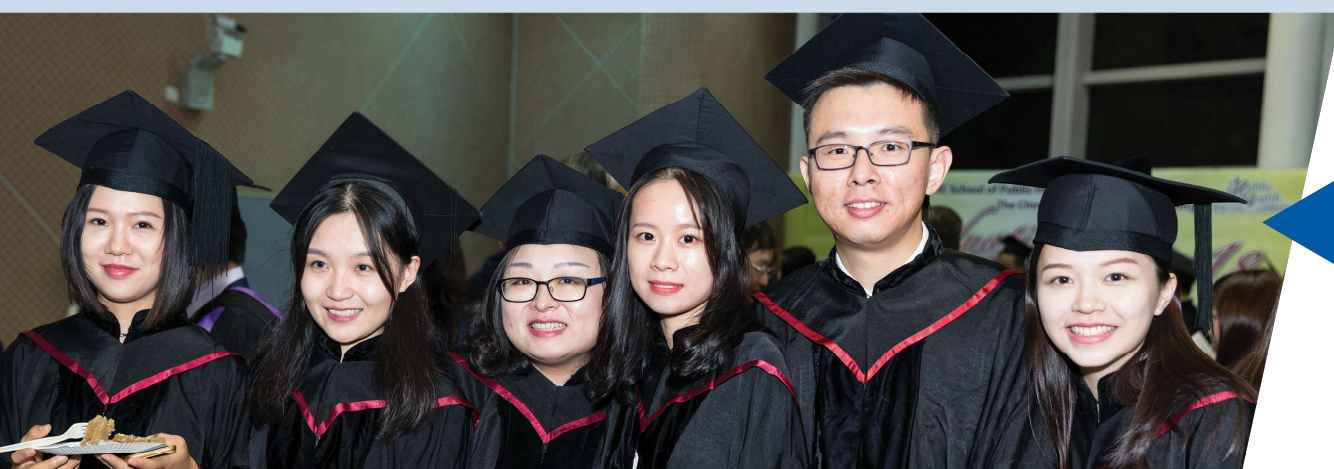
The responsibility of public health professionals is to have a holistic understanding of public health in communities – applying insight gleaned from past experiences with our diverse populations to foresee potential challenges in everyday health. They are tasked with planning strategically for the proper management of health services, the control and prevention of infectious diseases, as well as deciding what policies can best promote healthier lifestyles for future generations.



Programme Overview

Master of Public Health & Postgraduate Diploma Programme

The two-year Master of Public Health (MPH) and one-year Postgraduate Diploma in Public Health (PgDPH) with integrated theory-practice curriculum allow students to achieve professional public health competency. It provides public health perspectives and skills necessary to assume effective leadership in public health practice, reflecting the three domains of health improvement, health protection and health service.



Programme Timeline

PgDPH Part-time (1 year)

Aug	Sept	Jan	Apr
Pre-term Orientation	Term I Core Courses	Term II Core Courses	Term III Core Courses

MPH Full-time (1 year)

Aug	Sept	Jan	Apr	Jul
Pre-term Orientation Course Selection	Term I Core Courses Capstone Project Elective Courses (<i>Optional</i>)	Term II Concentration Courses Capstone Project Elective Courses	Term III Concentration Courses Capstone Project Elective Courses	Summer Term Concentration Courses Capstone Presentation Elective Courses

MPH Part-time (2 year)

Aug	Sept	Jan	Apr	Jul
	Year 1			
Pre-term Orientation Course Selection	Term I Core Courses	Term II Core Courses	Term III Core Courses Concentration Courses (<i>Optional</i>) Capstone Project Elective Courses	Summer Term Concentration Courses Elective Courses

Overall Curriculum

The Master of Public Health (MPH) and the Postgraduate Diploma in Public Health (PgDPH) share compulsory study modules. MPH students go on to specialise in a selected concentration and complete a Capstone Project in their final semester. The 36-units MPH degree may be completed full time in one year or part-time over two years.

To qualify for conferment of MPH, at least 36 units must be accumulated from the programme's core, concentration areas and elective courses, while PgDPH requires completion of 16 units core courses in three semesters of study. PgDPH credits can count towards MPH degree's requirements.

16
units

Core Courses

All MPH and PgDPH students are required to complete 16 units from compulsory core courses:

Required Modules for MPH and PgDPH		Unit(s)
PBHT5000	Foundations of Public Health	1
EPID5001	Introduction to Epidemiology	3
BIOS5001	Introduction to Biostatistics	3
HSYS5001	Health Systems, Policy and Management	3
OENV5001	Environmental Health Sciences	2
INFD5001	Infectious Diseases in Public Health Practice	1
HPSB5001	Health Promotion and Social Behaviour	3
Total		16

10
units

Concentration Courses

MPH students are required to take an additional 10 units in their selected concentration:

- Epidemiology and Biostatistics
- Environmental / Occupational Health & Infectious Diseases
- Health Systems, Policy & Management
- Health Promotion and Social Behaviour
- Population and Global Health

6
units

Capstone Project

MPH students are required to complete a supervised **Capstone Project** on a research or practicum-based topic in the latter half of their programme.

4
units

Elective Courses

Remaining units should be selected from **offered electives**.

Nov

Graduation Ceremony
Fulfill 16 Credit Units

Nov

Graduation Ceremony
Fulfill 36 Credit Units

Recognition & Accreditation

CME & Quotable Qualification

The Medical Council of Hong Kong recognises the Master of Public Health (MPH) and Postgraduate Diploma in Public Health (PgDPH) as a quotable qualification.

HK Qualification Framework

The programmes were designed in accordance with the Hong Kong Qualification Framework Level 6 Master Degree Quality Framework.

Sept

Jan

Apr

Jul

Nov

Year 2

Term I

Concentration Courses
Capstone Project
Elective Courses

Term II

Concentration Courses
Capstone Project
Elective Courses

Term III

Concentration Courses
Capstone Project
Elective Courses

Summer Term

Concentration Courses
Capstone Presentation
Elective Courses

Graduation Ceremony

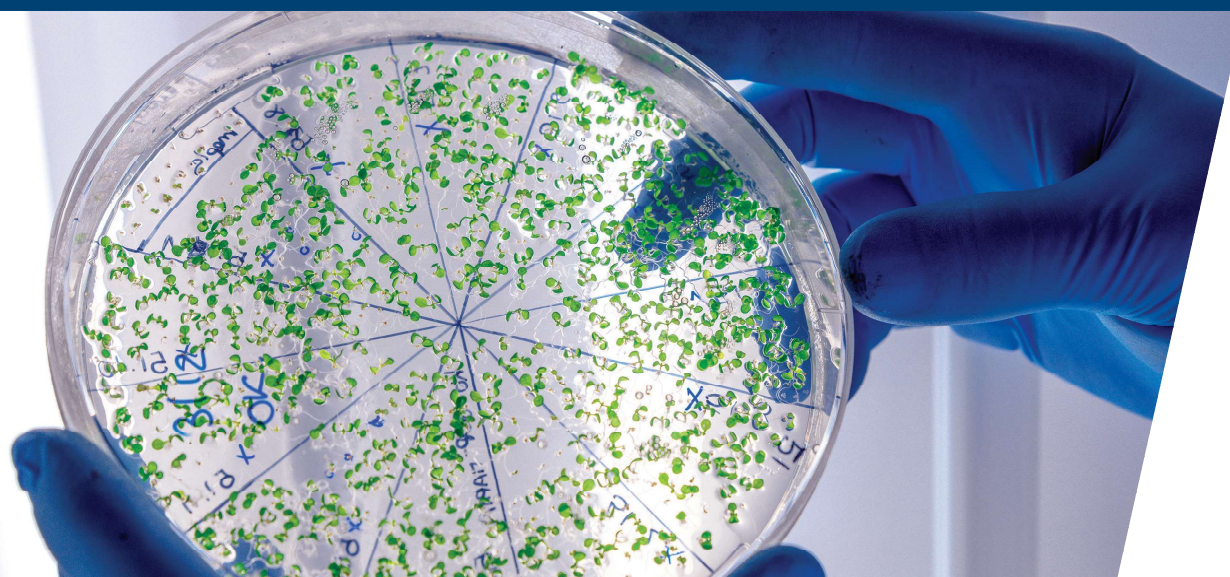
Fulfill 36 Credit Units

MPH Concentrations

Master of Public Health Concentrations

The programme currently offers five options for study concentration areas: Epidemiology and Biostatistics, Environmental and Occupational Health & Infectious Diseases, Health Promotion and Social Behaviour, Health Systems, Policy and Management and Population and Global Health. All MPH students are required to select a concentration before the term starts.

- ▶ **EPIDEMIOLOGY AND BIOSTATISTICS**
- ▶ **ENVIRONMENTAL AND OCCUPATIONAL HEALTH & INFECTIOUS DISEASE**
- ▶ **HEALTH PROMOTION AND SOCIAL BEHAVIOR**
- ▶ **HEALTH SYSTEMS, POLICY AND MANAGEMENT**
- ▶ **POPULATION AND GLOBAL HEALTH**





EPIDEMIOLOGY AND BIOSTATISTICS

Epidemiology and biostatistics involve the theory and application of epidemiological and statistical science to understand determinants of disease, to prevent and control disease, to analyse biomedical problems and to further develop public health research. Epidemiology and biostatistics can be applied to a wide range of public health topics, chronic conditions, mental health problems, and social behaviours. Students can apply their training to describe the frequency and cause of disease in a population, to analyse and evaluate risk factors for a condition and examine health data for trends and to determine the effectiveness of interventions. The programme is geared towards training biomedical and socio-medical researchers and data analysts for public health agencies. Many of our graduates continue to doctoral studies or work in government agencies.

Compulsory Courses:

EPID5002	Epidemiological Study Designs	2 units
EPID5003	Analysis of Epidemiological Data	3 units
BIOS5002	Linear Models	2 units
BIOS5003	Categorical and Survival Data Analysis	3 units

Concentration Coordinator



Professor
Jean Hee KIM
金真希教授

AB (UC Berkeley), Magister Scientiae, Doctor Scientiae (Harvard University)



Professor
William Bernard III GOGGINS
高威廉教授

BA (Brandeis), SM, Sc.D. (Harvard University)

Professor Kim has a background in both laboratory science and social sciences with training in molecular biology and anthropology. She completed her doctoral studies at Harvard University in HIV epidemiology with sub-concentrations in nutritional epidemiology and reproductive health. She came to Hong Kong as a recipient of Harvard University's Sinclair-Kennedy Scholarship. Her current research directions are at the interface of Social Epidemiology and Global Health. She is actively engaged in collaborations with the Department of Health and is interested in integrating methodologies from other fields into Public Health research.

Professor Goggins obtained his doctorate in Biostatistics from Harvard University in 1997. He then did a 16-month post-doctoral fellowship in the Department of Public Health of Kaohsiung Medical University in Taiwan, where he was the first scholar from Harvard to be supported by the Harvard-KMU exchange program to work at KMU. He also completed a one-year post-doctoral fellowship at the Biostatistics Center of Massachusetts General Hospital in Boston, working on several projects related to cancer epidemiology and survival. Before joining CUHK Professor Goggins was an Assistant Professor of Statistics in the Mathematics Department of Hong Kong Baptist University. Professor Goggins current research focuses on the health impact of meteorological conditions in sub-tropical climates. In addition, Professor Goggins serves as a collaborator and statistical consultant for numerous projects within the CUHK JC School of Public Health and Primary Care and other Departments of the CUHK Faculty of Medicine and is a member of the editorial board of the Hong Kong Medical Journal and as Associate Editor of the International Journal of Biometeorology.



ENVIRONMENTAL AND OCCUPATIONAL HEALTH & INFECTIOUS DISEASE

The importance of environmental health and infectious diseases to public health is increasingly recognised in a globalised, interconnected world. Due to rapid globalisation, this is a critical area given health challenges such as infectious disease outbreaks, pollution, occupational hazards, food safety and climate change. Clinicians, hygienists, laboratory professionals and environmental safety officers need a complex range of technical and managerial skills to protect the health of populations. The modules under this concentration focus on understanding the health impact of environmental and infectious disease exposures, the prevention of adverse health consequences and the management of health risks. Many of our students have backgrounds in biomedical sciences, physical sciences, engineering sciences and even areas such as agricultural sciences. Our graduates often enter professions in environmental protection, food safety, occupational health, health policy or research.

Compulsory Courses:

OENV5010	Environmental Risk Assessment	2 units
OENV5011	Environmental Risk Management & Communication	2 units

Concentration Coordinator



**Professor
Kin-fai HO**
何建輝教授
BSc (Hons), MPhil, PhD

Professor Ho is an environmental scientist, focusing on exposure assessment of air pollutants in Hong Kong and China. He has strong background in analytical chemistry with many years of solid experiences in toxic air pollutants (TAPs) and health related research. He is also competent in applying cutting-edge analytical chemistry techniques in indoor and outdoor air quality monitoring. He has published over 170 scientific articles in international peer-reviewed journals with overall 6000 citations. His recent research focuses on toxic air pollutants and their impacts on human health such as particulate matter compositions, sources and health relations, exposure science and particle toxicology.



**Professor
Kin-on KWOK**
郭健安教授
*BSc (CUHK), MPhil (CUHK),
PhD (HKU)*

Professor Kwok joined the JC School of Public Health and Primary Care of CUHK in 2016. He obtained his PhD degree in Public Health Medicine from HKU in 2008. He is currently the concentration coordinator of Environmental / Occupational Health and Infectious Diseases in the MPH curriculum. He also teaches two courses including Biostatistics and Practical Data Collection, Management and Analysis in the undergraduate curriculum. In 2018 and 2019, he has been awarded with "Teachers of the Years Award" by Faculty of Medicine, CUHK. His main publications are on infectious diseases epidemiology, infection control of emerging diseases and dynamics model in infectious diseases. He is the principal and co- investigator for several ongoing local and international research projects funded by UGC, FHB and Wellcome Trust. He is also academic Editor of two journals including PLOS ONE and TBMM.

HEALTH PROMOTION AND SOCIAL BEHAVIOR

This concentration offers modules that address social and cultural factors that influence the health of individuals and communities. The central themes of this area of this concentration are: 1) to identify health interventions that can reduce health problems such as poor nutrition and addictions, 2) to develop and manage health promotion programmes, and 3) to provide support for individuals and populations to lead healthy lives. By applying health behavioural theories with public health assessment methodologies, students will be trained to develop, implement and evaluate public health programmes and policies. Many of the students who focus on this concentration come from nursing, rehabilitative sciences, psychology and education backgrounds. Many of our graduates work in community health promotion settings and non-governmental agencies.

Compulsory Courses:

HPSB5002	Health Promotion Programme Planning and Implementation	2 units
HPSB5003	Health Promotion Programme Evaluation and Monitoring	2 units
HPSB5004 HPSB5005	Healthy Settings OR Health Communications	2 units
HSOC5003 HSOC5103	Nutrition for Public Health OR Lecture Series in Non-communicable Diseases as Public Health Concerns	2 units

Concentration Coordinator



Professor
Phoenix Kit-han MO
巫潔嫻教授

*BSSc (HKU), MSc (University of Nottingham),
Ph.D. (University of Nottingham), CPsychol,
AFBPsS, CSci*

Dr Mo is a chartered psychologist of the British Psychological Society, a chartered scientist of the UK Science Council, and an Associate Fellow of the British Psychological Society and the Hong Kong Psychological Society. She obtained her undergraduate degree in Social Sciences (majoring in Psychology) at the University of Hong Kong, followed by an MSc in Health Psychology and Ph.D. at the University of Nottingham, UK. She has an active interest in Health Psychology and Behavioral Health and her research interests are to explore the cognitive, social, and psychological aspects of disease prevention and management, mental health research and promotion among vulnerable or diseased populations, and the development of theory based and evidence based digital health interventions. She has obtained research grants from local government (e.g. Research Grants Council and Food and Health Bureau), mainland China (e.g. National Science of Foundation of China), and international organisation (e.g. Lifespan/Tufts/Brown Center for AIDS Research) as a principal investigator. These projects reflect her research interest, and comprehensive knowledge in the fields of behavioral health, mental health, and digital health.



Professor
Nelson Chun-yiu YEUNG
楊竣堯教授

*BSSc (CUHK), MPhil (CUHK),
PhD (University of Houston)*

Professor Yeung has joined the JC School of Public Health and Primary Care at the Chinese University of Hong Kong since 2016. He received his PhD in Social and Health Psychology at the University of Houston in 2015. Throughout the years, he has actively engaged in research examining the interplay among psychological processes, individual characteristics, cultural factors, and health outcomes in Asia-Pacific populations. Professor Yeung has also been a recipient of the following awards: American Psychological Association Dissertation Research Award (2014), Diversity Fund Graduate Travel Award of the 16th Annual Meeting of the Society for Personality and Social Psychology (2015), Early Career Researcher Award of the International Society of Behavioral Medicine (2016), Outbound Research Mobility Scheme Award, Internationalization Faculty Mobility Schemes, CUHK (2017), and Best Oral Presentation Award at the 8th Nursing Symposium on Cancer Care (2018).

HEALTH SYSTEMS, POLICY AND MANAGEMENT

Health systems, policy and services management is a multidisciplinary field of inquiry and practice concerned with the delivery, quality and cost of healthcare for individuals and populations. This concentration is concerned with health systems, health policy development and delivery, as well as the business and operational models of health services. Key areas of study include: the study of health systems; policy development, implementation and analysis; health services planning and development; health systems reform and financing methods; health economics; strategic thinking and decision making; human resource management; law and ethics, financial management. The modules taught in this concentration are geared towards training professionals to formulate health policies and to manage complex healthcare systems. Students should be able to apply principles and skills to the practice of administrative medicine. Students in this programme will be prepared for analyst, administration, and management positions in both private and public sectors.

Compulsory Courses:

HSYS5002	Healthcare Organisation & Management	2 units
HSYS5003	Health Economics: Economic Evaluation	1 unit
HSYS5004	Healthcare Systems & Policies	3 units
HSYS5005	Healthcare Financing	1 unit

Concentration Coordinator



Professor
Chi-tim HUNG
熊志添教授

MBBS, Dip Pain Management (HKCA), MSc (Health & Hospital Mgt)(Birm), FANZCA, FHKCA, FRACMA, FHKCCM, FHKAM (Anaesthesiology), FHKAM (Community Medicine), ACHS Surveyor

Dr Hung pursued the career of an anaesthesiologist after internship. During the latter part of his anaesthesiologist career, he promoted the development of pain medicine in Hong Kong and set up a Pain Medicine training program under the Hong Kong College of Anaesthesiologists during his presidency. In 2005, after practising anaesthesia and pain management for more than two decades, Dr. Hung took up administrative medicine as his second career. From 2005 to 2013, he was Hospital Chief Executive of Queen Elizabeth Hospital and Cluster Chief Executive of the Kowloon Central Cluster, Hospital Authority. From 2014 until his retirement from Hospital Authority in late 2016, he was Hospital Chief Executive, Prince of Wales Hospital and Cluster Chief Executive, New Territories East Cluster. He has wide academic interests, especially on quality and safety promotion, operational management, organizational culture and simulation. He is also interested in education and training of doctors, and was the Vice-President (Education & Examinations) of Hong Kong Academy of Medicine from December 2004 to December 2011. Since February 2019 he is currently the Chairman of Council, Macao Academy of Medicine. He was awarded the Honorary Fellowship of Hong Kong Academy of Medicine in December 2012; and Honorary Fellowship of Hong Kong College of Anaesthesiologists in November 2015.



Professor
Benjamin Hon-kei YIP
葉漢基教授

BRBS, MS (Swe),
PhD (Karolinska Inst, Swe)

Professor Yip joined the JC School of Public Health and Primary Care of the Chinese University of Hong Kong in 2011, and he is currently an Assistant Professor. In 2008, he received his PhD degree from Karolinska Institutet, Sweden. Together with his PhD supervisor, Professor Yudi Pawitan, they examined the co-morbidity and liability between schizophrenia and bipolar disease in a large population based sample. This research ended one of the most persistent debate in psychiatry which is whether schizophrenia and bipolar disorder are the clinical realizations of entirely different versus identical etiological process (Lancet 2009). He continued to develop and refine these methods, as evident by recent publications in top international peer review manuscripts (JAMA Psychiatry 2019, Biological Psychiatry 2018, 2020). In parallel with his continued engagement at Karolinska Institutet on genetic epidemiological research, he is serving as the lead statistician in various clinical studies, ranging from clinical trials to cohort studies, steering committee member of Domestic Health Account (FHB), member of service learning committee (Chung Chi College), and a leading member of one WUN working group on integrated care model for multimorbidity. He is teaching health economics both on bachelor and post-graduate level.



POPULATION AND GLOBAL HEALTH

Global public health is growing in prominence. Large-scale migration, international trade agreements, urbanisation, climate change, international human rights and new integrated forms of global cyber-media all play key roles in determining the health in low and middle income countries. The need to address the health impact of disaster, to provide humanitarian aid, and to address the pervasive health inequalities that persist between high and low-income populations has never been greater. This concentration will allow students to examine these areas and gain familiarity with major contemporary global health issues. The concentration is multidisciplinary, integrating biomedical science, economics, ethics sociology, demography and policy perspectives. Students will have opportunities to put their skills into practice through international field studies and field action lab in Rural China, Bangladesh, Bali and other regions. Graduates of this concentration often gain employment in international non-governmental organisations such as the Red Cross or work for international development organisations.

Compulsory Courses:

POPG5001	Global Health	2 units
POPG5006	Disaster and Humanitarian Crisis	2 units
POPG5008	Global Health Policy	2 units

Concentration Coordinator



Professor
Roger Yat-nork CHUNG
鍾一諾教授

BA (Johns Hopkins), MHS (Johns Hopkins), PhD (HKU)

Professor Chung obtained his Bachelor degree in Public Health and Master of Health Science from Johns Hopkins University. He further received his PhD from the School of Public Health of the University of Hong Kong. His research interests include health inequality, demography, public ethics, health systems, policy research, as well as migrant's health. He is the founding Associate Director of the CUHK Institute of Health Equity established in January 2020. He is a founding member of the Research Centre for Migration and Mobility, an executive member of the Centre for Health Systems and Policy Research and Centre for Quality of Life. On an international level, he is the Vice Chair of the Public Health Global Challenge Steering Group of the Worldwide Universities Network (WUN). Apart from his academic life, he is also an award-winning and celebrated recording artist/producer.



Capstone Project

CAPSTONE PROJECT OBJECTIVES

In order to fulfill their requirements for graduation, all MPH students are required to undertake a final Capstone Project, culminating in a written report. Each student is required to develop and complete an individual project of a public health problem, under the direction of a supervisor in their selected concentrations at the School. The topic of each project should be relevant to the concentrations selected by the students and the supervisors will be assigned accordingly.

Upon satisfactory completion of the Capstone Project, all the students should be able to:

- Conduct a proper literature review on a public health issue;
- Develop a research protocol or practicum-based project plan;
- Have practical, hands-on experience in the form of research or public health practice;
- Perform data analysis or a systematic evaluation of a public health issue or evaluation of a project;
- Write a manuscript using standard journal format or an official report using institutional format;
- Orally present their work at a professional level; and
- Create a professional poster for presentation at public health conferences.



RESEARCH-BASED

Students may elect to undertake a Research-based Capstone Project where they conduct primary data collection and analysis, analysis on secondary data, policy analysis, cost-benefit analysis, rigorous literature review for policy analysis, systematic reviews, needs assessment and programme evaluation.



PRACTICE-BASED

Students may also elect to undertake a Practice-based Capstone Project where they identify a public health problem or issue and implement a public health-related programme to address this problem. Practice-based projects require that students locate a suitable setting for approximately 120 hours (about 3 weeks FT equivalents) in the field in order to conduct programme implementation or programme enhancement.

Courses Offered

Remaining 4 units may be taken from the courses list as below offered in the MPH curriculum. Some courses may not be offered during every academic year. Please contact the MPH office for the latest information.

BIostatISTICS

BIOS5001

Introduction to Biostatistics

3 units (Compulsory MPH Course)

This course introduces basic statistical concepts and methods. The emphasis of the course is on practical applications: choosing the correct method for particular datasets and correct interpretation of the analysis results. Examples from different disciplines of public health including chronic and infectious disease epidemiology, environmental health, and health policy will be used to illustrate the use of biostatistical methods in answering important public health questions.

BIOS5002

Linear Models

2 units (Pre-requisite: BIOS5001)

This course will provide a foundation for the practical analysis of data for which the primary outcome is a continuous variable. The course will begin with an introduction to 'real-world' data analysis with a motivating example looking at predictors of infant birthweight in Hong Kong. Methods for analysis of variance and regression analysis for continuous outcomes will then be discussed in detail with an emphasis on correct use of these methods in practice.

BIOS5003

Categorical & Survival Data Analysis

3 units (Pre-requisite: BIOS5001)

This course will provide a foundation for the practical analyses of categorical and time to event (survival) data. The course will cover the use of logistic regression models for use with binary outcomes and Cox proportional hazards regression models for time to event outcomes. Practical application of these models will be emphasised and model building and the checking of model assumptions will be covered in detail.

BIOS5004

ICH - GCP Standard of Clinical Research

1 unit

The objective of this course is to provide background of regulation of drugs, devices and biological development. We will apply the principles of ICH-Good Clinical Practice in clinical research and discuss the role and responsibilities of key parties described in the document. We will describe the requirements of essential documentation and adverse event reporting. Scenarios will be given to the students to strengthen their understanding of practical application of ICH-GCP to the clinical trial process. (Pre-requisite or recommended background: 1. Familiar with Declaration of Helsinki; 2. Clinical Research Personnel)

BIOS5005

Clinical Trials

1.5 units (Pre-requisite: BIOS5001)

The objective of this course is to provide students with a theoretical and practical knowledge of the issues involved in the design, conduct, analysis and interpretation of randomized clinical trials. Attention will be given to the problems of conducting clinical trials in both single centre and multi-centre, and covers trials initiated by industry as well as trials in academic setting. Students will be trained to develop skills to properly design clinical trial, critically analyze and carry out research and to communicate effectively.

BIOS5007

Pharmaceutical Statistics Computing in SAS

2 units (Pre-requisite: BIOS5001 and basic programming knowledge)

The objective of this course is to familiarize students with the SAS software for pharmaceutical application. The course starts with the introduction of basic SAS skills followed by using SAS to draw tables, figures, and listings (TFL) and to analyze medical data. Practical scenarios will be given to students to understand the needs of SAS in pharmaceutical industry.

BIOS6001**Topics in Linear Models**

2 units (Pre-requisite: BIOS5001)

This course will cover advanced statistical modeling techniques for use with complex datasets. Topics will include Poisson and Negative Binomial regression for count outcomes, repeated measures ANOVA, GEE models and multilevel models for longitudinal data and multilevel models for clustered data. Upon completion of this course students will understand the reasons that more complex statistical models need to be used for datasets for which the assumptions of linear or logistic regression are not valid, such as datasets with ordinal or count outcomes, longitudinal or clustered data, and data with non-linear associations between variables. They will understand which models should be used for each of these situations, how to fit and interpret these models, and how to check the assumptions of these models.

BIOS6002**Topics in Multivariate Analysis**

1.5 units (Pre-requisite: BIOS5001)

This course will cover methods importance in the analysis of data collected from questionnaires. Both exploratory and confirmatory factor analysis (under the framework of Structural Equation Models) will be discussed. After taking this course the students will understand the uses of exploratory factor analysis, discriminant analysis and SEM methods including confirmatory factor analysis and path analysis in the exploration and hypothesis testing for data collected from questionnaires.

BIOS6005**Pharmaceutical Bioinformatics**

1 unit (Pre-requisite: BIOS5001; BIOS5002 or BIOS5003 preferred)

The course will provide a broad overview and introduction to bioinformatics and its applications in pharmaceutical industry. Topics will cover (1) basic bioinformatics methods: hierarchical clustering, lasso, random forest, PCA, boosting, bootstrapping, etc. (2) data sequencing and management: microarray data, GWAS data, the raw data treatment and analysis method, batch effect and normalization, parallel programming in R; (3) phylogenetic analysis.

BIOS6006**Artificial Intelligence Methods for Medical Research and Pharmaceutical Science**

2 units (Pre-requisite: BIOS5001)

This course is an advanced module for students who are interested to understand how various artificial intelligence approaches including machine-learning and deep-learning can be used on top of traditional biostatistics methods. It emphasizes on practical knowledge and skills needed for doing this kind of research leveraging on our experience and proprietary development of the Automatic Retinal Image Analysis (ARIA) and the Bioinformatics and Genomic research with significant machine-learning and deep-learning components. On top of sharing of the real life experience other important research areas in medical and pharmaceutical science would also be discussed.

EPIDEMIOLOGY**EPID5001****Introduction to Epidemiology**

3 units (Compulsory MPH Course)

This course serves as an introduction to epidemiology for postgraduate students and gives a general overview of disease quantification, the various epidemiological studies used in public health and their respective interpretations and limitations. The course covers the basic competencies of public health epidemiology provides the basis for more advanced studies.

EPID5002**Epidemiology II**

2 units (Pre-requisite: EPID5001)

This is a follow up course after EPID5001 (Introduction to Epidemiology) to provide further concepts and application of epidemiology. Topics will include further concepts in epidemiological study designs and application of concepts to the planning and design of epidemiological studies.

EPID5003**Epidemiology III**

3 units (Pre-requisite: EPID5001 & BIOS5001)

In this course, students shall learn how to conduct common statistical analyses of epidemiological data by using SPSS or other statistical softwares and to prepare scientific report for epidemiological studies. Each session will consist three parts: a brief introduction, a computer demonstration and students' computer analyses.

EPID6003**Nutritional Epidemiology**

2 units (Pre-requisite: EPID5001)

In this course, you will learn about the methods used to assess dietary intakes and how to overcome limitations in assessing such a complex 'exposure'. Nutrient intakes and dietary patterns in different population groups will be illustrated and key diet-disease associations will be presented. Finally, some of the challenges in interpreting nutritional epidemiology evidence and practical issues in communicating findings will be covered.

EPID6001**Appraisal of the Methods of Epidemiological Studies**

2 units (Pre-requisite: EPID5001)

The course will include a series of tutorials for appraising the methods of commonly used epidemiological study designs. In each tutorial, a published study of a specific design (e.g., randomized controlled trial) will be selected and presented and questions regarding the methods of the study will be asked.

EPID6005**Digital Epidemiology**

2 units (Pre-requisite: EPID5001 & BIOS5001)

This advanced module introduces the concept of digital epidemiology with new forms of health data and real examples for disease management. The field of digital epidemiology is new, but has been growing rapidly with the increasing amounts of data generated on the internet, wearable devices, and mobile APPs.

EPID6002**Selected Topics in Epidemiology**

1.5 units (Pre-requisite: EPID5001 & BIOS5001)

The course involves a series of guest lecture seminars in which methodological aspects of various areas of epidemiological research are discussed and elaborated. Students will become familiar with the methodological and substantive issues of conducting epidemiological investigations in various subject areas. The course is structured as a series of seminars with interactive discussion. Each session will summarize the major methodological considerations of epidemiological research on the given topic. Students should be able to understand the major data collection and data analysis issues of the various types of epidemiology presented. Students will be asked to read scientific papers that illustrate concepts in class. Students should be able to understand the major data collection and data analysis issues of the various types of epidemiology presented.

HEALTH PROMOTION & SOCIAL BEHAVIOUR

HPSB5001**Introduction to Health & Social Behaviour**

3 units (Compulsory MPH Course)

The course provides students with an introduction to the basic concepts of health and social behaviour that frame public health promotion programmes. Students will learn about the process of creating and implementing health promotion programmes in the community using internationally accepted best practices. Case studies and guest speakers will highlight the concepts taught.

HPSB5002**Health Promotion Programme Planning and Implementation**

2 units (Pre-requisite: HPSB5001)

This much needed course is designed to provide a practical course in the planning, needs assessment and development of health education and health promotion programmes.

HPSB5003**Health Promotion Programme
Evaluation and Monitoring**

2 units (Pre-requisite: HPSB5001)

This course is designed to provide a practical course in the monitoring and evaluation of health promotion programmes. It describes the various methods of evaluation and the latest advances in this field. Students should be able to develop a comprehensive evaluation plan for health promotion programs, conduct program monitoring and evaluation, interpret the program data, assess the program effectiveness, and write evaluation report.

HSOC5003**Nutrition for Public Health**

2 units (Pre-requisite: HPSB5001)

Public health nutrition is the promotion and maintenance of nutrition-related health and wellbeing of populations through organized efforts and informed choices of society. To be effective, public health nutritionists must first connect the principles of nutrition science to the realm of public health practice in ways that emphasize the multi-factorial origins of actual nutritional problems in modern societies. In this course, students will be introduced to various essential elements of food and nutritional sciences.

HPSB5004**Healthy Settings**

2 units (Pre-requisite: HPSB5001)

The United Nation Sustainable Development Goals (SDGs) for 2015-30 were adopted to strive for a world that is 'just, equitable and inclusive'. Those priority risk behaviours causing global burden of diseases are often established early in life and research findings have also confirmed the existence of common determinants (e.g., pathways in the brain) and the inter-relationships between the determinants of risk behaviours and behaviours themselves. Improvement of behaviours and well-being of citizens would not naturally occur without a specific "intentional intervention". The concept of Healthy Setting is to cultivate a healthy physical/ psycho-social environment in the setting where people spend most of the time for working, studying, enjoyment of life, or for specific purposes. It is a very effective "intentional intervention" in achieving improvements in both health and wellbeing of citizens as it would penetrate into the wide arrays of their daily experiences. The whole concept of healthy setting is also based on striving the principles of 'just, equitable and inclusive' for citizen development. The key to successful implementation is engagement of key stakeholders in strategic way.

HSOC5006**Medical Sociology**

1.5 units (Pre-requisite: HPSB5001)

The course provides an opportunity to students to understand issues of health care in society from various sociological perspectives. Individuals are social beings who are subject to the influence of social structure and/or human agency. In relation to health and illness, other than the pathological entities, the sick person is inevitably affected by a wide range of social variables and personal behaviour while responding health and illness. The macroscopic and microscopic perspectives in understanding the issues of health and illness in context are important in the course of service delivery and policy making.

HSOC5103**Lecture Series in
Non-communicable Diseases as
Public Health Concerns**

2 units

This course introduces to students how non-communicable diseases (NCDs) become a major public health concern in the past decades, the trend of common NCDs, and prevention strategies.

HPSB5005**Health Communications**

2 units

This course aims to integrate health promotion with the creation and development of health messages. The course will cover the theories related to interpersonal and public health communications, principles and techniques for designing and disseminating effective health messages, plus class activities facilitating applications of the knowledge in real-life health settings.

HEALTH SYSTEMS, POLICY AND MANAGEMENT

HSYS5001 **Health Systems, Policy and Management** 3 units (Compulsory MPH Course)

This course is an introductory course to the basic principles of management, strategic planning, quality assurance, health economics and financing, and health policy analysis that serves as a foundation to more advanced coursework in health policy & management. This course is benchmarked to meet most of the competencies of the Part A, Diplomate Membership level of the UK Public Health Examination, the US Certified Public Health Exam of the Association of Schools of Public Health as well as Part I Examination in Administrative Medicine of the HK College of Community Medicine.

HSYS5002 **Healthcare Organisation & Management** 2 units (Pre-requisite: HSYS5001)

This course aims to equip students with a broad base of knowledge and concepts in health services management, as well as to develop their competency in applying the knowledge and learning to appraise day-to-day management and operational problems in healthcare organisations. Basic financial management concept is also introduced in the course. This course is designed to meet most of the Basic Specialist Training and Part I Examination curriculum in Administrative Medicine of the HK College of Community Medicine.

HSYS5003 **Health Economics: Economic Evaluation** 1 unit

There is a fundamental question asked in public health and healthcare in general: how can we get the best results, in terms of better health, from the resources which are available in the community? Health Economics, as a field, attempts to provide an explicit and rationale framework to improve the efficient and equitable allocation of healthcare resources. In this course, we will examine selected topics in health economics that have major implications for healthcare delivery, financing and clinical and public health research. Essential economic theories and methods for exploring each topic will be discussed, along with the role of markets and government. We will go through different models of healthcare financing from a policymaking perspective, applying measures such as equity and efficiency to evaluate them. In addition, basic skills of conducting economic evaluation, such as cost-effectiveness analysis, will also be introduced.

HSYS5004 **Healthcare Systems & Policies** 3 units (Pre-requisite: HSYS5001)

This course will build on the content of HSYS5001, and students will gain advanced understanding on the structural and functional characteristics of health systems. Through in-class interactive discussion, students will acquire competency in analyzing factors which impact on health service delivery and in comparing health systems in different. Students will also be exposed to basic methodology in health policy research and analysis.

HSYS5005 **Healthcare Financing** 1 unit (Pre-requisite: HSYS5001)

This course introduces the key policy and economic principles that underpin the approaches to healthcare financing and the performance of health systems in relation to Universal Health Coverage.

HSYS5006 **Managing in Healthcare** 2 units (Pre-requisite: preferably have at least two years working experience, though not necessarily in the healthcare field.)

This course focuses on the practical aspects of management, and supplements the theories presented in HSYS5001, HSYS5002 and HSYS5012, to further the training in healthcare management. Teaching will include lectures, case studies and small group discussions, as well as exercises and interactive games to enhance management insights.

HSYS5011 **Health Informatics** 1 unit (Pre-requisite: HSYS5001)

This course introduces the principles of healthcare information systems, role of informatics in risk management, quality improvement and basic understanding of technical aspects.

HSYS5012**Human Resource Management**

3 units

This course aims to introduce the major issues and concepts of human resource management in the healthcare setting, so as to develop students capabilities in analyzing and solving related problems to achieve system or organizational objectives.

HSYS5013**Financial Management**

2 units (Pre-requisite: HSYS5002)

This course focuses on essential competencies of health services managers to understand, interpret and manage financial resources. It covers the basic knowledge and concepts in Management Accounting and Financial Management. Topics include understanding of accounting principles and standards, financial statements, financial performance and budgeting, revenue generation and financial decision-making.

HSYS5014**Quality and Safety Management**

2 units

This course introduces students to the concept, framework, practical approaches and current movement for safe, efficient, effective, and patient-centred healthcare; principle and practices of incident management and patient relations; concepts of errors in healthcare and principles and strategies in quality improvement; key concepts in operations management in the healthcare settings.

HSYS5015**Medico-legal Management**

2 units

This course covers the principles and practices of health care ethics and medicolegal management in modern healthcare. The course uses case studies to cover important topics in health care ethics and medico-legal management including theory and principles of health care ethics, ethical issues in public health & services, complaints handling and investigation, clinical negligence and responsibility, and risk management strategies. It introduces and discusses major ethical issues in healthcare to provide perspectives in health services management as well.

HSYS5016**Health Services Planning**

1 unit

This course aims to enrich students with the knowledge in health services planning and technology management. Students will have the opportunity of visiting a local hospital to appraise the planning issues and learn the principles of planning through case studies and class exercises.

HSYS5017**Health Innovation and Technology Management**

1 unit (Pre-requisite: HSYS5002)

This course aims to enrich students with the knowledge in health innovation and technology management. The course will involve active learning from the students with a workshop on design thinking and a case study on health technology management.

HSYS5018**Healthcare Ethics**

1 unit

This course introduces and discusses major health care ethics issues and provide perspectives for health services management. The issues are discussed based on cases and dilemmas.

HSYS5019**Operation Management**

1 unit

This course introduces students to key concepts in operations management including LEAN and 6-sigma in the healthcare settings.

HSYS5020**Corporate Communication and Marketing**

1 unit *Quota limitation

This course introduces students to the principles and practices of today's corporate communication and marketing in healthcare. Examples and case studies, from healthcare where appropriate, are used to illustrate the up-to-date treatment of the key aspects of corporate communication and marketing.

HSYS5021**Advanced Organisation Management**

1 unit (Pre-requisite: HSYS5002)

This course aims to equip students with a more in-depth knowledge in organisational management by going into areas of organizational health and organisational culture. Organisational health and organisational culture are important and related concepts affecting the performance of the organisation with respect to external and internal stakeholders. The course emphasizes on learning through reflection and practical application of key concepts in organisational health and culture supported by case studies.

HSYS5022**Patient-centred Health System**

1 unit *Quota limitation

The course will introduce students to the principles and practices of patient-centred care, and application of design thinking concepts in the development towards a patient-centred health system.

HSYS5023**Local Visits**

1 unit

This course aims to give students a broader and deeper exposure to service management through observing management in action in both healthcare and non-healthcare settings. Management in non-healthcare settings can often shed useful insights to healthcare management. The ability to observe and identify good practices or rooms for improvement, and to evaluate different practices are important skills for health service managers and the group interactions would help to sharpen these skills. These local visits supplement the classroom teaching. The work of summarising and presenting their observations would help to consolidate the learnings from visiting these organisations.

HSYS5024**Driving Healthcare Improvement with Data**

1 unit

This course introduces students to (1) The concept and practice of data-driven healthcare improvement in the context of interprofessional teamwork; (2) Data visualization and analytic tools that inform decision making in the context of clinical practices (for example, run charts and control charts); (3) Data and change management: Feedback and improving the whole process.

INFECTIOUS DISEASES**INF5001****Infectious Diseases in Public Health Practice**

1 unit (Compulsory MPH Course)

This course is designed to develop basic knowledge base in infectious diseases in the society, in contexts of causation, impacts, diagnosis and epidemiology.

INF5003**Infectious Diseases of Public Health Importance: Epidemiology, Control and Policy**

3 units (Pre-requisite: INF5001 or Biomedical science background)

This course is designed to strengthen knowledge in microbiology and infectious diseases in public health contexts.

INF5004**Infection Control in Health Care & Community Settings**

2 units (Pre-requisite: INF5001 or Biomedical science background)

Students would be introduced to the principles and practice of infection control in three settings - hospital and clinic, laboratory and the community, through a series of lectures and demonstration tailored to the needs of public health professionals. The course would emphasize on the development of a systematic approach to infection control practice.

INFD5006

Methods in Infectious Disease Epidemiology

2 units (Pre-requisite: Biomedical science background)

This course is designed to enable post-graduate students who have a background in infectious diseases epidemiology to practise their skills in outbreak investigation by using real-life examples and real data. Classic techniques of investigating outbreaks with different modes of transmissions will be demonstrated. This course covers the epidemiological skills and statistical methods in outbreak investigation.

INFD5007

Application of Geographical Information System in Public Health

2 units

Geographical information system (GIS), Integrating cartography, statistical analysis, and database technology, has been widely applied in the study of public health, for example, disease surveillance, risk assessment, and decision making for public health practices. This course aims to offer a general introduction to GIS, including basic concepts, methodologies, and applications of GIS in public health issues. No special prerequisite for this course. Class size can NOT be larger than 40.

INFD6801

Practicum on Infectious Diseases

1 unit

The course offers a learning opportunity to students who are interested in the public health control of infectious diseases in the local context. In addition to learning about the work of the Centre for Health Protection (CHP), Department of Health, the Course coordinator would guide students with discussion and tutorial.

ENVIRONMENTAL & OCCUPATIONAL HEALTH

OENV5001

Environmental Health Sciences

2 units (Compulsory MPH Course)

This course addresses how the environmental and occupational (work-related) factors affect human health and what we can do to prevent or minimize the negative impacts. It examines the environmental health issues and recent development in industrialized and developing countries. It also covers risk communication, environmental health policy, and emerging environmental health problems.

OENV5002

Lecture Series in Occupational Health

3 units (Pre-requisite: OENV5001)

A basic course for students intending to study in any discipline of occupational health. General basic principles of controls of hazards in the practice of occupational health and hygiene will be introduced. Other topics include chemical hazards, physical hazards, biological hazards, ergonomics, injury and return to work, workplace wellness, as well as common occupational diseases and challenges in Hong Kong.

OENV5006

Air Pollution

2 units (Pre-requisite: OENV5001)

This course introduces the current state of knowledge in the key areas in which air pollutants impact on the health of the general population. Topics include the health impacts of gaseous air pollutants such as sulfur dioxide, nitrogen dioxide, carbon monoxide and ozone; mechanism of lung injury by airborne particulate matter; epidemiological evidence of the risk from particulate matter exposure; airborne chemical carcinogens; health effects of indoor air pollution; and setting health-based air quality standards.

OENV5008

Water and Health

2 units

The course gives a brief introduction to water, environment, and health. Students will be able to understand the importance of water in human health, describe problems of water, sanitation and hygiene in urban slum population, understand effect of heavy metal poisoning from industrial and agricultural pollution, describe common diarrheal diseases, their prevention, and how climate affects infectious diseases.

OENV5009**Public Health Toxicology**

2 units (Students are required to have good knowledge on biology and health or have taken PBHT5005 Basic Human Physiology)

This course teaches students the basics of basic concepts of toxicology and its application to environmental, occupational, nutrition and food toxicology; discuss distribution, cellular penetration, metabolic conversion, and elimination of toxic agents, as well as the fundamental laws governing the interaction of foreign chemicals with biological systems; focus on the application of these concepts to the understanding the result from environmental exposure to toxic substances through a case study format.

OENV5010**Environmental Risk Assessment**

2 units (Pre-requisite: OENV5001)

This course provides students with an understanding of the role and scope of health risk assessment, the application of toxicology, epidemiology, exposure assessment and environmental monitoring in risk assessment, risk characterization and risk management.

OENV5011**Environmental Risk Management and Communication**

2 units (Pre-requisite: OENV5001 & OENV5010)

This course builds upon the principles taught in OENV 5010 (Environmental Risk Assessment). The course gives students basic knowledge of the frameworks used for risk reduction and the protection of human health from chemical, physical, biological and ergonomic hazards. Students will be exposed to environmental risk communication frameworks and practical guidance on report writing for stakeholders and for future policy formulation.

POPULATION & GLOBAL HEALTH

POPG5001**Global Health**

2 units (Pre-requisite: PBHT5000)

The global nature of public health issues across the domains of practice are of growing importance. Chronic disease problems such as obesity and its consequences as well as communicable diseases such as HIV/AIDS, malaria and TB are of international concern. So too are the health effects of international policies and trade agreements. In addition, public health has a key role to play in disasters such as earthquakes, floods and Tsunami. This course will enable a deeper understanding of a global perspective to non-and communicable disease; the inequalities between nations; the impact of the wider environment on health; response to disasters; the role of international bodies.

POPG5005**Global Child & Adolescent Health**

2 units

The purpose of this class is to examine child and adolescent health in developed and developing countries. Biomedical, socio-medical, behavioural, economic and political factors affecting child and teen health will be systematically explored. Health services and health education for children and adolescents will also be addressed.

POPG5006**Disaster and Humanitarian Crisis**

2 units

Disaster and humanitarian responses are crucial elements in public health practices. Humanitarian relief actions often highlight the importance of mitigation, preparedness, training and multidisciplinary collaborative response within and beyond the health and medical sector. This course offers an overview of the disaster management cycle and the public health and medical implications of disaster and humanitarian crisis. It aims to show how public health principles may be applied in disaster relief and how evidence-based health related humanitarian actions can be planned, implemented and evaluated.

POPG5008**Global Health Policy**

2 units (Pre-requisite: POPG5001)

This course aims to provide an overview of global health policy, the area of public health concerned with decisions of policies that translate empirical and epidemiological evidence and political will into consensus and interventions in a global scale. Throughout the course, topics of global health policy will also be explored using the lens of public health ethics and justice.

POPG5011**Food Security: Local and Global Perspectives**

2 units (Pre-requisite: POPG5001 recommended)

Despite the advancement in economic development and food technology, there are people living without the basic supply of sufficient and clean foods require for their physiological well-being. The World Food Summit of 1996 defined food security as existing "when all people at all times have access to sufficient, safe, nutritious food to maintain a healthy and active life". This course introduces the factors affecting the sustainability of the contemporary food systems at both global and local perspectives. Areas including technological advancement, economic drive, political stability, as well as socio-cultural influences will be analyzed critically as insights to tackle the challenge of future food crisis.

POPG5013**Global Health Perspectives of Humanitarian Crisis & Human Security**

2 units (Pre-requisite: POPG5001 recommended)

This course aims at providing an overview of the interconnections between health and human security in the context of globalization and forced migration from many causes. Specifically, the course will examine how the changing of the humanitarian and human security landscape, for instance the current context of conflict, brought the two fields closer together and the challenges presented for human security and global health. On top of classroom tutorials and lectures, this course provides series of seminars offer by speakers in the field of disaster and humanitarian crisis to allow students to follow contemporary topics in this area.

POPG6801**Field Action Lab**

2 units (Pre-requisite: PBHT5000/ POPG5001)

This is a practicum course aims at providing a unique opportunity for students to gain familiarity with public health practice. Practicum experience allows students to integrate and apply the knowledge and skills they learned through coursework and prior experiences in a public health environment. Students are required to complete an approved public health practice related practicum (single or combined experience) in a variety of settings, including rural field trip, governmental and non-governmental health agencies, academic institutions, or community settings under the supervision of site administrators (mentors/ practicum supervisors) and the guidance from the School of Public Health and Primary Care. Students will be involved in project planning, field-based health needs assessment, health intervention, project evaluation and report writing during the field practicum.

Important Notes

- * Class enrollment: Max 12 students for field trip (credit bearing); Max 40 students Sit-in ONLY for Lectures.
- ** Enrollment priority will be given to students who have
 - i) Chosen MPH Practicum based Capstone-Practicum (PT Yr 2 and FT) (Upon agreement from course coordinator)
 - ii) Already taken POPG5001 Global Health
 - iii) Selected "Population and Global Health" as concentration
- ** Enrolled students are expected to pay for their own travel expenses

GENERAL PUBLIC HEALTH

PBHT5000**Foundations of Public Health**

1 unit (Compulsory MPH Course)

This course is an introductory course for all students which aim to provide an overview on the basic concepts and current issues in the field of public health. Students will gain a broad, general understanding of how public health issues can be framed in the context of global health and the key functions of health system. This foundation course will equip students with an analytic lens that is essential for deeper learning in global public health. Tutorials will reinforce concepts taught in lecture.

PBHT5001**Introduction to Qualitative Research: Theories and Research Design**

2 units

This qualitative methods course will introduce students to the topical issues related to conducting qualitative research and allow for some hands-on exposure to the methods of data collection and analysis used in this methodology.

PBHT5002**Public Health Law**

2 units

This course examines the role of law as a tool for public health both within Hong Kong at international level.

PBHT5005**Basic Human Physiology**

2 units

This course is a basic introduction to the human body for public health students without a bio-medical background. It is geared towards students with an undergraduate degree in social sciences, arts and physical sciences. It will introduce the overview of basic scientific mechanisms, concepts and principles in health and in the pathogenesis of disease. It provides clinical scientific foundation for applications to the practice of public health. Professionals in the clinical health field such as physicians, nurses, dentists and allied health specialists will not be permitted to take this course for credit.

PBHT5801**Climate Change and Planetary Health**

2 units

Climate change is an important topic for public health practice. As the frequency and severity of climate-related disasters increase, in order to protect health and well-being, the need to understand and prepare for unforeseeable events is rapidly growing. This course provides an overview of issues in relation to climate change and health in the context of public health practice. It introduces important concepts of how to tackle climate change related health impacts and how to support community preparedness, response, policy formulation and implementation.

PBHT5900**International Field Studies**

1 Unit (Pre-requisite: PBHT5000, POPG5001 preferred)

This course is designed to allow students to conduct field studies abroad and to receive academic credit for their supervised work and studies. All field studies must include some form of assessment that must receive prior approval from the module coordinator. This course cannot be used toward Capstone-related practice hours.

PBHT5901**Exchange of Study**

1.5 units

Students enrolled in public health courses during their summer or winter terms in other universities can seek unit credits for their studies towards their MPH degree. Approval made on a case-by-case basis by the Concentration Coordinator after discussion with Curriculum Coordinator.

PBHT6802***Master Seminars & Tutorial**

1 unit

The tutorial sessions are designed as a supplement to the coursework and to provide some hands-on skills for future public health employment. The tutorials also serve as opportunities to discuss MPH projects and review materials from core modules as needed.

*This module is open to full-time students ONLY.

PBHT6900***Master Capstone Project & Report**

6 units (Compulsory MPH Course)

Each student is required to develop and complete an individual project of a public health problem, under the direction of a supervisor in their chosen concentrations. The topic of each project should be relevant to the concentration selected. Students will be assigned a supervisor and are required to do presentations and to submit a final written report.

* This course is mandatory for graduation.



Our distinguished faculty and students coming from different countries of the world



Student Life

STUDENTS EXPERIENCE



Dr. Elizabeth Newnham, from Harvard School of Public Health, giving seminar to students



Our professors coming from different countries of the world



Students at the study trip to Jinshajiang, Sichuan, China

Career Prospects



Health finance, administration, and management in hospitals, clinics, and other health care settings



Health regulation and law enforcement in government agencies and departments



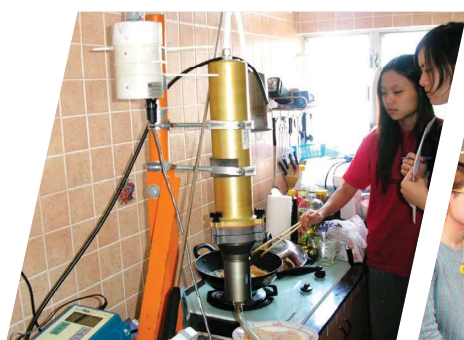
International Field Studies Trip, Bangladesh



*Field Action Lab
- Datan Village,
Gansu, China*



*International Field
Studies Trip, Bali*



*Environmental Health - Indoor Cooking
Oil Fume Sampling*

Air-pollution sampling with Prof. Kin-Fai Ho



Prof. Amal Mitra, giving lecture of "Water and Health"

The majority of our graduates have continued on to fulfil distinguished careers as public health practitioners, health care service managers, health promotion professionals, and cutting-edge researchers. Some of our students have entered the private sector as scientific officers and analysts. Other students have continued on to further studies in Hong Kong and U.S. Our programme has also helped many mid-career professionals transition to public health-related work.



Health education and advocacy in a variety of non-governmental organisations, and international aid agencies



Policy development and project leadership in government departments and international organisations



Research and development in areas such as environmental health, infectious diseases, or occupational health academic institutions



Teaching at secondary schools, universities, and other academic institutions



Leading community outreach and volunteer activities to promote health

Admissions

WHO SHOULD APPLY

Individuals with a deep commitment to the improvement of public health and the betterment of society are encouraged to apply. Our school admits both health and non-health professionals. Past students have included healthcare administrators, nurses, doctors, psychologists, laboratory technicians, teachers, accountants and social workers. Our alumni include people from Hong Kong, Macau, Taiwan, China, Nepal, India, Nigeria, Australia, United States, United Kingdom, and Canada.

HOW TO APPLY

Application should be submitted online through CUHK Graduate School Website <https://www.gs.cuhk.edu.hk/admissions/>. According to CUHK Graduate School regulation, a \$300 application fee is mandatory for all programmes. All payments go directly to the Graduate School and are non-refundable.

REQUIREMENTS

For a Master's Programme, the applicant shall have:

- Graduated from a recognised university and obtained a Bachelor's honours degree (not lower than Second Class lower division, or B grade)

For a Postgraduate Diploma Programme, the applicants shall have:

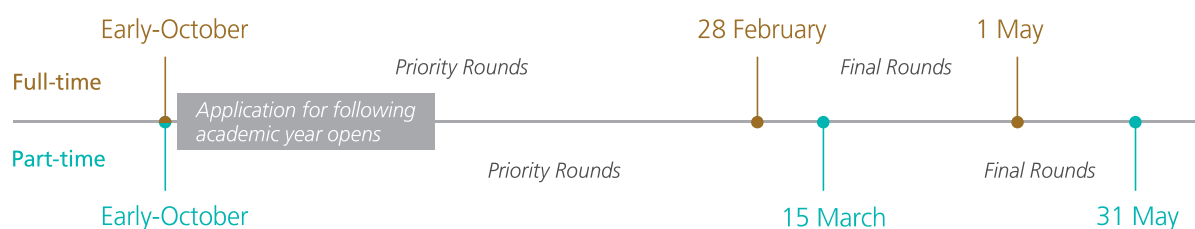
- Graduated from a recognised university and obtained a Bachelor's degree.

For applicants who have taken a degree programme of which the medium of instruction was not English:

- Achieved scores in the following English Language tests as indicated:
TOEFL: 550 (Paper-based) / 79 (Internet-based); IELTS (Academic): 6.5; GMAT: Band 21 (Verbal)

In addition to satisfying the programme requirements, applicants must comply with the University entry requirements as well. Please refer to the programme website for more information.

TIMELINE & DEADLINE



Remarks

- Once the application is received and reviewed, a successful applicant will receive a package from the CUHK Graduate School and can proceed with visa application in their country of origin.
- International students are advised to apply as early as possible as application procedures and visa applications can take a considerable length of time.



TUITION FEES

Programme	Duration	Tuition Fee
Master of Public Health (Full-time)	1 year	HKD 176,400 / year
Master of Public Health (Part-time)	2 years	HKD 88,200 / year
Postgraduate Diploma in Public Health (Part-time)	1 year	HKD 78,400 / year

* Adjustment and changes may apply without prior notice, please visit our programme website for updated information.

* According to CUHK Graduate School Regulation, HKD 300 application fee is mandatory for all programmes. All payments go directly to Graduate School and are non-refundable

FINANCIAL AID & SCHOLARSHIPS

The CUHK Master of Public Health Admission Scholarship is offered to newly admitted students who demonstrate excellence in academic achievement. All full-time MPH applicants are eligible to apply.

Eligibility

Applicants must:

- Meet the requirements for regular admission to the MPH programme;
- Apply for the full-time MPH programme;
- Demonstrate excellence in academic performance.

Important Notes

- No award will be granted if there is no suitable candidate.
- Applicant's financial need will be considered during the selection process.
- The scholarship may be held concurrently with other awards offered by the JC School of Public Health and Primary Care, CUHK.
- Applicants may be requested to submit supporting documents if deemed necessary.

Application Deadline

April in each year

Application Procedures

Applicants should:

- Follow the regular application procedures for the full-time MPH programme
- Submit a completed application form*, along with one-page personal statement with the following to the MPH Admission Office by email (mph_cuhk@cuhk.edu.hk):
 - Your intention and reasons of choosing the Master of Public Health programme at The Chinese University of Hong Kong
 - Demonstrate your academic achievement and involvement in community service

* Please contact our office for the application form.

For detailed information, please visit our programme website.

Contact Us

DIRECTIONS TO OUR SCHOOL



The closest MTR station is the City One station which is a 5-minute walk to our school.



The Prince of Wales Hospital area is served by numerous buses from all areas of Hong Kong. The 88R bus from the Central area has a terminus approximately 15-minute walk from the school at the City One shopping center.



Please ask the taxi driver to go to the Prince of Wales Hospital in Shatin.



Enquiries and requests for more information should be directed to:

MPH Programme Office
JC School of Public Health and Primary Care, CUHK

Rm 202, 2/F,
School of Public Health Building,
Prince of Wales Hospital,
Shatin, New Territories, Hong Kong

Tel: (852) 2252-8810/ 8424
Fax: (852) 2145-7489
Email: mph_cuhk@cuhk.edu.hk
Website: www.mph.cuhk.edu.hk/

