



Public Health
 衛 生
 香港中文大學
 CUHK
 賽馬會公共衛生及基層醫療學院
 The Jockey Club School of Public Health and Primary Care



ACT TO EMPOWER

Public Health with a Global Perspective



Prospectus – 2017 Admissions

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

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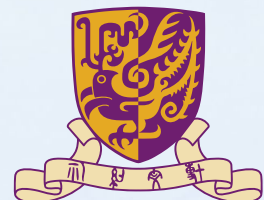
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WHAT we offer

STUDYING IN HONG KONG

Situated in the southernmost part of China, Hong Kong is famous for being one of the most important financial capitals in the world, as well as a centre for international exchange. As a result of its unique history at the crossroads of East and West, Hong Kong is a dynamic and multicultural city of 7 million people from all over the world. People moving to Hong Kong find that the city's standard of living and rich cultural heritage compare to those found in other large cities in the United States, United Kingdom, and Europe.



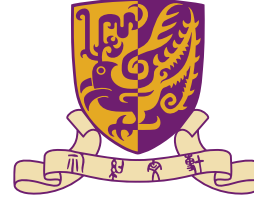


WHERE East meets West

THE CHINESE UNIVERSITY OF HONG KONG

Founded in 1963, The Chinese University of Hong Kong is a research and teaching-based university. The Chinese University is currently ranked 51st among all universities, and 11th in Asia, in the latest QS World University Rankings¹, with a rating similar to Brown University and New York University in the US and Fudan University in China. Our institution's global vision aims to be a bridge between the East and West, with a mission to combine tradition with modernity.





“We value learning environment & student experience.”

Overlooking the beautiful Tolo Harbour, the 137.3-hectare campus of The Chinese University of Hong Kong provides green and natural spaces for learning in the midst of a concrete jungle. It houses a range of facilities important for student life, including world-class libraries, art museum, a swimming pool, sports fields, tennis courts, squash courts, a water sports centre and a gymnasium.



Situated next to the teaching hospital Prince of Wales Hospital, the JC School of Public Health and Primary Care (JCSPHPC) is the first school of public health in Hong Kong with dedicated facilities for teaching. The Master of Public Health (MPH) and Post-graduate Diploma (PgD) curriculum is benchmarked against professional public health standards of the United Kingdom and the United States. It has been the flagship programme of the School of Public Health since 2006. 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 across 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 the broad public health perspectives and skills necessary to assume effective leadership in public health practice. 11-month full-time and 21-month part-time study options are offered for students wishing to undertake the MPH degree. The Postgraduate Diploma is a part-time programme that can be completed within 2 semesters. All 16 credits of the Postgraduate Diploma can be used towards fulfilling the 36 credits required for the MPH degree.

¹ <http://www.topuniversities.com/qs-world-university-rankings>

PROGRAMME OVERVIEW

Master Of Public Health & Postgraduate Diploma Programme

A 11-month full-time and 21-month part-time study options are offered for students wishing to undertake the MPH degree. The PgD is a part-time programme that can be completed in 2 semesters. All 16 credits of the PgD can be used towards fulfilling the 36 credits required for the MPH degree.

MPH
DEGREE

11 months (Full-time)

21 months (Part-time)

PgD
9 Months (Part-time)

1 All MPH and PgD students are required to take the following compulsory modules:

Required Modules for PgD and MPH		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	Introduction to Health & Social Behaviour	3
		16 units

In addition for MPH students:

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

- Epidemiology and Biostatistics 10 units
- Environmental/Occupational Health & Infectious Diseases 10 units
- Health Systems, Policy & Management 10 units
- Health Promotion and Social Behaviour 10 units
- Population & Global Health 10 units

3 MPH students are also required to complete a supervised **Master Capstone Project** on a research or practicum-based topic in the latter half of their programme (6 units).

4 Remaining units are to be chosen from **electives offered**.

Global Public Health Summer Institute

For students who wish to try out our courses without formally enrolling in a degree programme, we offer annual summer courses from 1st July to 30th August under our Global Public Health Summer Institute. These courses last as little as 2 days to up to 4 weeks. Students who later enrol in a MPH or PgD programme can credit these courses to their degree.

Tuition & Fees

Programme	Duration	* Tuition Fee
Master of Public Health (Full-time)	11 months	HK\$165,600
Master of Public Health (Part-time)	21 months	HK\$82,800 / annum
Postgraduate Diploma in Public Health (Part-time)	9 months	HK\$73,600
Global Public Health Summer Institute	2 days – 4 weeks	HK\$4,600 / credit HK\$100 / registration

According to CUHK Graduate School regulation, a HK\$300 registration fee is mandatory for all programmes. All payments go directly to Graduate School and is non-refundable.

* Adjustment and changes may apply without prior notice. For updated information please refer to our website at www.sphpc.cuhk.edu.hk/mph/ before applying.

WHEN...

Application Timeline



*Student with no health-related background might be required to attend the course - *Human Physiology* (2 credits) in late August. Final arrangement is subject to the Programme Director.

Application Deadlines



Academic Year Calendar

Academic Calendar	Period
Fall Semester	September 1 st 2017 - December 21 st 2017
Spring Semester	January 8 th 2018 - June 15 th 2018
Summer Semester	June 16 th 2018 - August 31 st 2018

MPH CONCENTRATIONS



EPIDEMIOLOGY AND BIOSTATISTICS CONCENTRATION



Mission & Objectives:

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 such as infectious diseases, chronic conditions such as cardiovascular diseases, mental health problems such as depression, and social behaviours such as substance abuse and alcoholism. Students may apply their training to describe the frequency and cause of disease in a population, to analyse and evaluate risk factors for a condition, to analyse 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 on with doctoral studies or work in government.



Professor Jin-ling Tang

唐金陵教授

MD (PKU), MSc (LSHTM),
PhD (Lond.), FACE, FFPH (UK)
Head, Division of Epidemiology;
Director, The Hong Kong Branch of the Chinese
Cochrane Centre;
Professor, JC School of Public Health & Primary
Care, CUHK

Professor Tang heads the Hong Kong Cochrane Branch of the Cochrane Collaboration and is the Chairman of the Asia Pacific Network for Evidence-Based Medicine. He is also the Chairman of Peking University National 200 Project Committee for Evidence-Based Medicine and heads the Peking University Centre for Evidence-Based Medicine and Clinical Research. He is a Fellow of the Chinese Association of Epidemiology, member of the Chinese National Committee for Health Risk Management. He is a trained epidemiologist and has a major interest in evidence-based healthcare, traditional Chinese medicine, systematic reviews and critical appraisal of medical evidence.

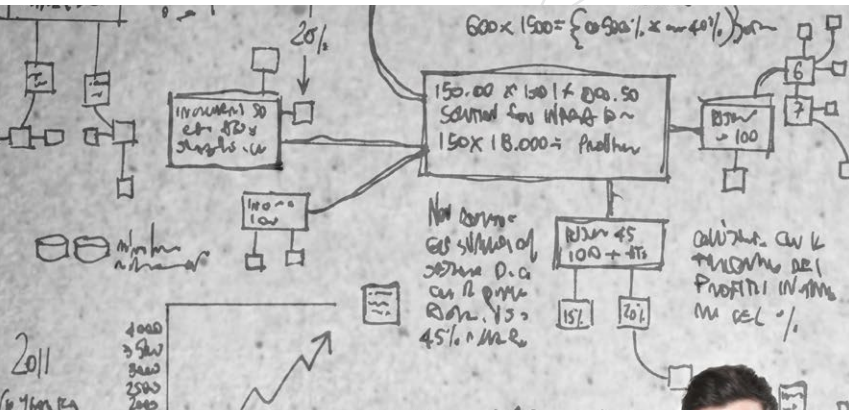


Professor William Goggins

高威廉教授

BA (Brandeis), SM, Sc.D. (Harvard University)
Associate Professor, JC School of Public Health &
Primary Care, CUHK

Professor Goggins obtained his doctorate in Biostatistics from Harvard University in 1997. He also completed post-doctoral fellowships in Boston's Massachusetts Hospital and in Taiwan. He current research focuses on the health impact of meteorological conditions in sub-tropical climates. He currently teaches introductory and advanced biostatistics modules for the MPH, oversees the MPH Capstone projects and supervises PhD students.



ENVIRONMENTAL/ OCCUPATIONAL HEALTH AND INFECTIOUS DISEASES CONCENTRATION



Mission & Objectives:

The importance of environmental health and infectious diseases to public health is becoming increasingly recognised in a globalized, interconnected world. With the rapid globalization, this area has evolved to face complex 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 array of technical and managerial skills to protect the health of populations.

The modules under this concentration focus on understanding the health impacts of environmental and infectious disease exposures, the prevention of adverse health consequences and the management of health risks. Many of our students with an interest in have backgrounds in biomedical sciences, physical sciences, engineering sciences and even areas such as agricultural sciences. Our graduates often enter into environmental protection, food safety, occupational health, health policy or research as future career paths.



Professor Shelly Lap-ah Tse

謝立亞教授

MB, PgDOHY, PhD, ICOH(member), MHKIOEH

Head, Division of Occupational & Environmental Health; Director, Centre for Occupational and Environmental Health Studies; and Associate Professor
Honorary Consultant, FM/GOPC KCC, Hospital Authority Advisor for Clinical Epidemiology, Hong Kong Medical Journal

Professor Shelly Tse serves as the Director of Center for Occupational and Environmental Health Studies (COEHS). She is also the EC member of the Hong Kong Institute of Occupational and Hygiene (HKIOEH), advisor of clinical epidemiology for Hong Kong Medical Journal, Honorary Consultant for the Department of KCC FM&GOPC Hospital Authority, Council Member (Academic) of the Chinese Society of Occupational Epidemiology of the Chinese Preventive Medicine Association, and full member of the International Commission on Occupational Health (ICOH). Professor Shelly Tse is the principal investigator for several research projects funded by the NCI/NIH, GRF/RGC, NSFC, OSHC, PCFB. Her expertise is in the area of occupational environmental risk factors on the etiology of various cancers, in particular breast cancer, prostate cancer and lung cancer. Shelly Tse has close collaborations with the SYNERGY Project of lung cancer (led by IARC/WHO) and the NCI/NIH/USA.

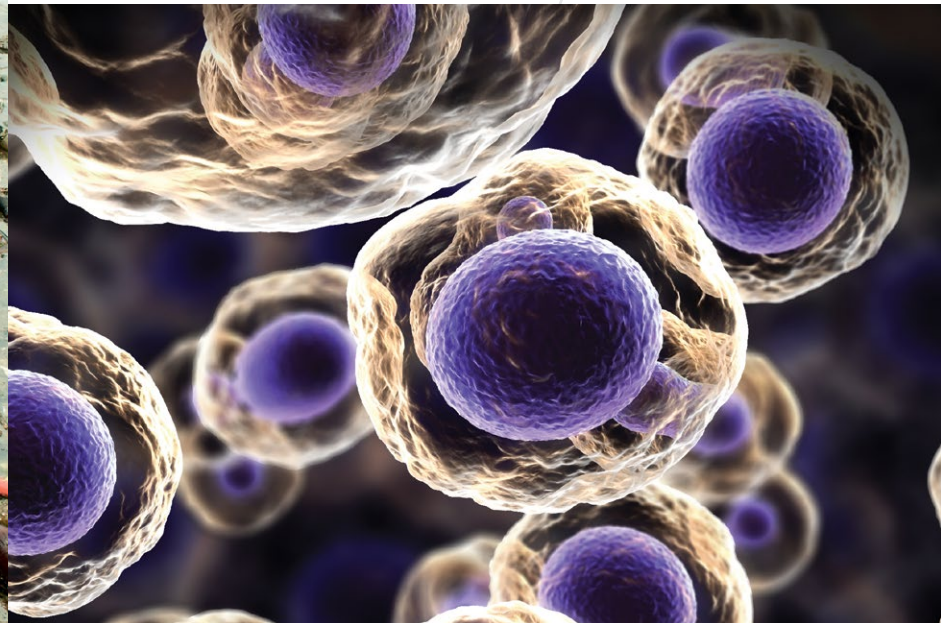


Professor Tammy Meyers

BA, MBCh (WITS), FCPaed(SA), Mmed, DTM&H, PhD

Assistant Professor, JC School of Public Health & Primary Care, CUHK

Professor Meyers qualified as a paediatrician in 1995 in Johannesburg, South Africa. Responding to the burgeoning HIV crisis in South Africa, she established the Harriet Shezi Children's Clinic (HSCC) where more than 5,000 were treated with antiretroviral therapy in early 1997. She later served in a technical advisory capacity to the South African Department of Health and the World Health Organisation in the development of national and international paediatric HIV guidelines. She was principal investigator of her site for the NIH funded International Maternal Pediatric Adolescent AIDS Clinical Trials Group (IMPAACT) from 2000-2009, and has published widely in the field. Since relocating to Hong Kong, Prof. Meyers has served as temporary advisor to the WHO Technical Support Network in Asia and the Pacific, in updating HIV guidelines and drafting a report on the elimination of parent-to-child transmission of HIV and syphilis in the Asia-Pacific Region.



HEALTH PROMOTION AND SOCIAL BEHAVIOUR CONCENTRATION



Mission & Objectives:

The Health Promotion and Social Behaviour 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 of this concentration come from nursing, rehabilitative sciences, psychology and education backgrounds. Many of our graduates work in community health promotion settings and nongovernmental agencies.



Professor Albert Lee

李大拔教授

MB BS (London), LLB (Hons-London), DCH (Ireland), MPH MD (Higher Med Doctoral Deg-CUHK), FRCP (London & Ireland), FFPH (UK), FRACGP (Aust), US Nat.Acad.Med (Foreign Associate), FHKAM(FamMed), ACI Arb

Director, Centre for Health Education and Health Promotion; Professor of Family Medicine, JC School of Public Health & Primary Care, CUHK

Professor Albert Lee is a world-renowned pioneer in global health promotion. He is the first from Hong Kong to be elected as member (Foreign Associate) of Institute of Medicine (IOM) of National Academies (renamed as National Academy of Medicine from 1 July 2015), USA in 2012, considered one of the highest honours in the fields of health and medicine. He developed widely used toolkits and frameworks to enable effective promotion and inculcation of health in various settings, from the school level through to municipal level and up to healthcare infrastructures. Those works lead to over 200 papers in peer-reviewed journals and multiple advisory roles in the World Health Organization and government bodies.

His contributions in health development are also recognized by his election as Fellow of the Royal Colleges of Physicians in London and Ireland, the Chief Executive Commendation for Community Services in 2004 Honours list of Hong Kong Government, and Award for Pioneer in Healthy Cities for Research by Alliance for Healthy Cities (AFHC) in 2014. He was Chairman of Scientific Committee of AFHC 2014 Global Conference. He also holds honorary and adjunct professorships as well external examiner/assessor at many leading academic institutions in Hong Kong and overseas.

Professor Lee is currently the Founding Director of the Centre for Health Education and Health Promotion. He has previously served as Head of Division of Family Medicine (2002-07) and also Division of Health Improvement. He is first editor of Lancet-Hong Kong, senior editor of Cogent Medicine, and President of Hong Kong Health Education and Health Promotion Foundation.



Professor Xuefen Su

蘇雪芬教授

MPH(Temple), Sc.D. (Harvard University)

Assistant Professor, JC School of Public Health & Primary Care, CUHK

Professor Su received her Doctor of Science degree from Harvard University School of Public Health in 2009. She has extensive experience in research on breast cancer etiology, screening, and prevention and has worked with Nurses' Health Study II, one of the largest cohort studies on women's health in the U.S.. She is working on research projects on knowledge, attitudes, and practices of breast cancer screening among Hong Kong women, pharmacoepidemiology to examine the anti-hypertensive and anti-diabetes drug use patterns in primary care settings in Hong Kong, and dementia research in Guangdong and Guangxi. She currently teaches health programme evaluation modules and nutritional epidemiology in addition supervising graduate students.





HEALTH SYSTEMS, POLICY AND MANAGEMENT CONCENTRATION



Mission & Objectives:

Health systems, policy and services management is a multidisciplinary field of inquiry and practice concerned with the delivery, quality and costs of health care 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 under this concentration are geared towards training professionals to formulate health policies and to manage complex health system organizations. 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 government and non-government agencies as well as in the private sector.



**Professor Eng Kiong Yeoh,
OBE, GBS, JP**
楊永強教授

MBBS (HK), FRCP (Edin), FHKCP, FRCP (Lond),
FRCP (Glasg), FRACP, FHKAM, FHKCCM,
FRACMA

Director, JC School of Public Health & Primary
Care, CUHK

Head, Division of Health System, Policy and
Management

Professor Yeoh was appointed Secretary for Health, Welfare and Food in the Government of the Hong Kong Special Administrative Region on 1 July 2002. Prior to this appointment, he was the Secretary for Health and Welfare in the Government of the Hong Kong Special Administrative Region since September 1999. In December 1990, Professor Yeoh was appointed Director of Operations of the Hospital Authority when the public hospital system in Hong Kong underwent a major reform with the establishment of an independent statutory Hospital Authority.

His research is in health systems, services and policy with an interest in applying systems thinking in studying how the complex components of health systems interact and interrelate to improve health. He is also involved in collaborative work with research networks such as Association of Pacific Rim Universities World Institute, the Asia Network for Capacity Building in Health Systems Strengthening, and the World Bank Institute in International studies on health systems and policy.



Professor Sian M. Griffiths, OBE, JP
葛菲雪教授

MA, MB BChir, MSc, FFPH (UK), FRCP (Lond),
FRCP (Edin), Hon FRSPH, Hon DSc, FHKCCM,
FHKAM (Community Medicine), Hon FHKCCM,
HonFFPH

Senior Adviser, International Academic
Development, CUHK;

Emeritus Professor, JC School of Public Health and
Primary Care, CUHK

POPULATION AND GLOBAL HEALTH CONCENTRATION

Mission & Objectives:

Global public health is of growing prominence. Large-scale migration, international trade agreements, urbanization, climate change, international human rights and new integrated forms of global cyber-media all play key roles in determining the health of low and middle countries. The need to address the health impacts of disaster, to providing humanitarian aid, and 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 the opportunities to put their skills learned in practice through international field studies and field action lab in areas such as rural China, Bangladesh and Bali. Graduates of this concentration often gain employment in international non-governmental organizations such as the Red Cross or work for international development organizations.



Professor Emily Ying Yang Chan

陳英凝教授

BSc (Johns Hopkins), SM PIH (Harvard), MBBS (HKU), MD (CUHK), DFM, DDM, DFPH (UK), CPH (USA), FHKCCM, FHKAM (Community Medicine)

Centre Director & Principal Medical Officer, Collaborating Centre for Oxford University and CUHK for Disaster and Medical Humanitarian Response (CCOUC);

Centre Director, Centre for Global Health, CUHK (CGH); Professor, JC School of Public Health & Primary Care, CUHK

Professor Chan completed a 3 year research fellowship (2003-2006) at the Programme on Human Security at Francois-Xavier Bagnoud Centre for Health and Human Rights at Harvard School of Public Health. She started her international public health career in mid-1990s as a frontline emergency relief practitioner. From 2001-2005 she was the President of Medecins Sans Frontieres (MSF) Hong Kong, the Nobel peace prize winning medical humanitarian organisation that provided emergency medical relief to victims of wars, epidemics and natural disasters. Currently, Professor Chan serves as the Director at CCOUC and CGH to conduct research in evidence-based medical humanitarian crisis, disasters, climate change, injury, and violence epidemiology.



Professor Roger Yat-nork Chung

鍾一諾教授

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

Research Assistant Professor, JC School of Public Health & Primary Care, CUHK;

Concentration Coordinator (Global Health), Centre for Global Health

Professor Chung obtained his Bachelor Degree and Master of Health Science from Johns Hopkins Bloomberg School of Public Health and PhD from the University of Hong Kong. His research interests include health inequality, demography, public health ethics, health systems, policy research, as well as migrant's health. In 2008, his study on Hong Kong's projected long-term care expenditure received the Presidential Award from the Hong Kong College of Community Medicine. He is a member of the World Universities Network (WUN)'s Development and Application of Advanced Methodologies for Strengthening the Evidence Base for Public Health Action in Societies (AMPHAST) Collaboration, and a member of the WUN's Health Outcomes of Migration Events (HOME) working group. He is also a regionally-recognized recording artist.



The Chinese University of Hong Kong
School of Public Health & Primary Care
香港中文大學公衛及基層醫療學院
Public Health Humanitarian Initiative
公共衛生人道支援計劃



Field Action Lab at Maan Qiao Village, Jinshajiang, Sichuan, China

WHY study with us

STUDENT EXCHANGE PROGRAMMES

An ancient Chinese proverb says, "He who travels far knows much". This highlights the importance of practical experience built on a strong foundation of academic instruction. Our programme provides students with hands-on field opportunities in various parts of the world such as Southeast Asia, Mainland China, South Asia and Europe.



Prof. Sian Griffiths, our former School Director joined us in Dangzheng village, Gansu, China



Prof. Vincent Mok, Assistant Dean (Clinical), CUHK, Dr. Elizabeth Newnham and Prof. Jennifer Leaning from Harvard School of Public Health, along with team leader Prof. Emily Chan and Dr. Dai Qifu from Chong Qing University at Hongyan Village, Liangshan, Southern Sichuan, China



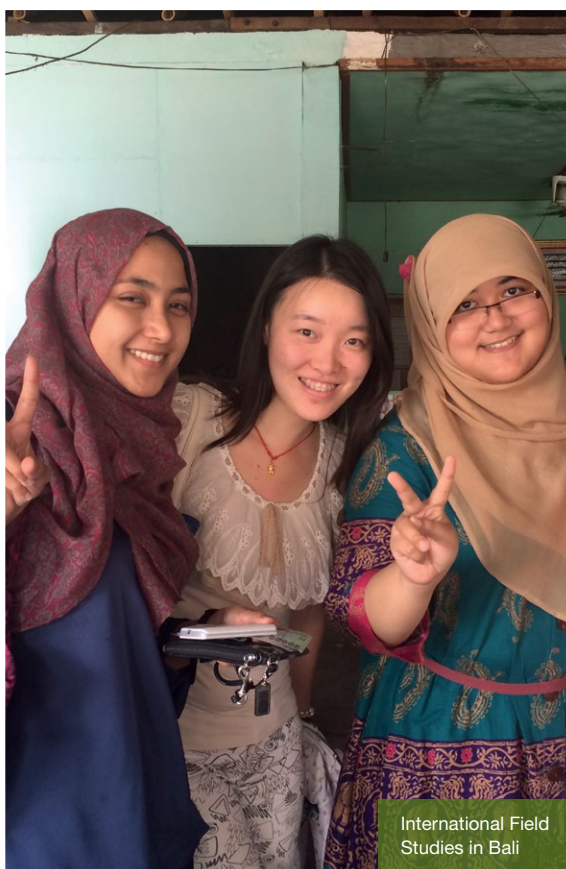
Global eHealth Seminar Workshop at the London School of Hygiene and Tropical Medicine



International Field Studies Bangladesh – Team meeting with head nurse at the International Centre for Diarrhoeal Disease Research



International Field Studies Bangladesh – Team meeting with head nurse at the International Centre for Diarrhoeal Disease Research



International Field Studies in Bali



Health Education Maan Qiao Village, Jinshajing, Sichuan, China



Health Needs Assessment Baoshan, Yunnan, China



WHO we want... YOU!

Individuals with a passion 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, US, UK and Canada.



Professor EK YEOH 楊永強教授

Former Hong Kong Secretary for Health, Welfare and Food
Programme Director



Professor Jean KIM 金真希教授

Sc.D. (Harvard University)
Programme Co-Director

Admission Requirements

1. A Bachelor's honours degree (not lower than second-class lower division honours, or B grade)
2. For applicants living in countries where English is not the language of instruction:
 - a score of at least 79 (out of 120) in the Test of English as a Foreign Language (TOEFL);
 - or
 - a score of at least 6.5 (out of 9) in International English Language Testing System (IELTS);

In addition to satisfying the programme requirements, applicants must comply with the University entry requirements as well. Please see

<http://www.gs.cuhk.edu.hk/> for more information.

How to Apply

Applications can be submitted via **the Graduate School** online application system at <http://www.gs.cuhk.edu.hk/>

International Students

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.

Enquiries for Taught Postgraduate Admissions:

Tel: (+852) 2252 8466 | Fax: (+852) 2145-7489

Email: sph_tpg@cuhk.edu.hk

MPH website: <http://www.sphpc.cuhk.edu.hk/MPH>

FINANCIAL AID & SCHOLARSHIPS

JCSPHPC offers financial aid and scholarships. Different types are listed below and offered to MPH programme applicants. Financial assistance is available as a combination of merit-based scholarships and need-based financial aid.

Rules and regulations may apply. For detailed and most updated information, please contact us by email at mph_cuhk@cuhk.edu.hk, or visit our programme website at www.sphpc.cuhk.edu.hk/mph/scholarship

Scholarship

Description

1. Low income country students	For students listed by the World Bank as "low-income" or "low-middle income" economies that can demonstrate financial need and a GPA \geq 3.4.
2. Pfizer Corporation Public Health Scholarship	For full-time or part-time MPH students with interest in doing a Capstone related to areas under Health Economics, Global Health, Health Behaviours, and/or Health Policy
3. Chow Tai Fook Charity Foundation Public Health Scholarship for Bhutanese	For Bhutanese students with interest in Public Health and determined to be a trainer in Bhutan after study
4. United Board Faculty Scholarship Program	For young faculty from selected United Board network universities in Asia interested in pursuing a Master of Public Health degree outside of their own country (subject to joint approval from United Board and JCSPHPC)

* Students with extreme financial hardship may apply for financial assistance. Decisions will be made on an individual basis.



CAREER PROSPECTS

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 medical school, clinical psychology and PhD studies in Hong Kong and U.S. Our programme has also helped many mid-career professionals transition to public health-related work.



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



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



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



Teaching at secondary schools, universities, and other academic institutions



Health regulation and law enforcement in government agencies and departments



Policy development and project leadership in government departments and international organisations



Leading community outreach and volunteer activities to promote health



Dr. Sunny Tse

MPH Student,
M.B.,B.S.,
University of Hong Kong
Current Job: Associate
Consultant, Department of
Radiology and Imaging,
Queen Elizabeth Hospital



Ms. Fiona Lo

MPH Graduate,
BSc Medical Biochemistry,
University of London
Current Job: Scientific Officer
(Medical), Department of Health



Mr. Sida Liu

MPH Graduate,
BSc Food and Nutrition,
Manchester Metropolitan
University, UK
Current Job: Assistant Lecturer,
JC School of Public Health &
Primary Care, CUHK

LIST OF COURSES OFFERED

BIOSTATISTICS COURSES

BIOS5001 Introduction to Biostatistics

(Compulsory MPH Module)

Module coordinator: Prof. Maggie Wang

Fall term 3 units

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

Module coordinator: Prof. Marc Chong

Spring term 2 units

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 birth weight in Hong Kong. Methods for multivariate analysis of predictors of continuous outcomes including one-way and two-way ANOVA and multiple linear regression will then be discussed in detail with an emphasis on correct use of these methods in practice. (Pre-requisite: BIOS5001)

BIOS5003 Categorical & Survival Data Analysis

Module coordinator: Prof. Maggie Wang

Spring term 3 units

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 emphasized and model building and the checking of model assumptions will be covered in detail. (Pre-requisite: BIOS5001)

BIOS5004 ICH – GCP Standard of Clinical Research

Module coordinator: Prof. Benny Zee

Spring term 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

Module coordinator: Prof. Benny Zee

Fall term 2 units

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. (Pre-requisite: BIOS5001)

BIOS5007 Pharmaceutical Statistics Computing in SAS

Module coordinator: Prof. Marc Chong

Spring term 2 units

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. (Pre-requisite: BIOS5001 and basic programming knowledge)

BIOS5801 Intro to SPSS for Biostatistics Applications

Module coordinator: Prof. William Goggins

Summer term 1 unit

This course is an introduction to use the SPSS for Windows software for bio-statistical analysis. (Pre-requisite: BIOS5001)

BIOS6001 Topics in Linear Models

Module coordinator: Prof. Benny Zee

Spring term 2 units

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. (Pre-requisite: BIOS5001)

BIOS6002 **Topics in Multivariate Analysis**
 Module coordinator: Dr. Billy Chang
 Spring Term 1.5 units

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. (Pre-requisite: BIOS5002)

BIOS6005 **Pharmaceutical Bioinformatics**
 Module coordinator: Prof. Maggie Wang
 Spring Term 1 unit

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, LDA, 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; (4) Chemo-bioinformatics modeling, 3D structure, chemical - protein relation leading to drug discovery. (Pre-requisite: BIOS5001 and BIOS5002 or background of Computer science, Statistics)

EPIDEMIOLOGY COURSES

EPID5001 **Introduction to Epidemiology**
 (Compulsory MPH Module)
 Module coordinator: Prof. Jean Kim
 Fall term 3 units

This course will introduce basic epidemiology to students including introduction to epidemiology, applied health research methods, designing and conducting epidemiological studies (descriptive, case-control, cohort, systematic reviews).

EPID5002 **Epidemiological Study Designs**
 Module coordinator: Dr. Johnson Lau
 Spring term 2 units

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. (Pre-requisite: EPID5001)

EPID5003 **Analysis of Epidemiology Data**
 Module coordinator: Dr. Diane Threapleton
 Spring term 3 units

This module prepares students on collection, management, analysis and interpretation of epidemiological data with consideration for analysis of special data using SPSS software.

EPID6001 **Application of Epidemiology in Health Care**
 Module coordinator: Prof. Mao Chen
 Spring term 2 units

The course involves a series of topics in applying epidemiology in health care decision making. The principles and techniques for cost-effective analysis and critical appraisal are discussed and elaborated. It is suggested that participant should complete the course Introduction to Epidemiology (EPID5001) in advance.

EPID6002 **Selected Topics in Epidemiology**
 Module coordinator: Prof. Jean Kim
 Spring term 1.5 units

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. (Pre-requisite: EPID5001 & BIOS5001)

EPID6003**Nutritional Epidemiology**

Module coordinator:
Fall term

Dr. Diane Threapleton
1 unit

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. (Pre-requisite: EPID5001)

EPID6004**Practice in Systematic Review and Meta-analysis**

Module coordinator:
Fall term

Prof. Zuyao Yang
1.5 units

This course is an advanced module for students who are interested in conducting systematic review and meta-analysis. It emphasizes on practical knowledge and skills needed for doing this kind of research: performing exhaustive literature search to identify relevant studies, extracting data from eligible studies, assessing risk of bias, synthesizing data, including meta-analysis, presenting results graphically and tabularly, investigating heterogeneity and potential biases, and publishing manuscripts in peer-reviewed journals. Tutorial materials will be distributed to students for their in-class exercises. Students will be enabled to master the essential skills for doing systematic review and meta-analysis by the end of this module. (Pre-requisite: EPID5001)

HEALTH PROMOTION & SOCIAL BEHAVIOUR COURSES**HPSB5001****Introduction to Health & Social Behaviour**

(Compulsory MPH Module)

Module coordinator:
Full-time student:
Part-time student:

Prof. Jean Kim
Fall term
Spring term 3 units

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 & Implementation**

Module coordinator:
Spring term

Dr. Lancelot Mui
2 units

This course introduces the principles of developing health programmes in the community using established health promotion principles and theories combined with discussion of practical aspects of programme implementation. (Pre-requisite: HPSB5001 or HSOC5001)

HPSB5003**Health Promotion Programme Evaluation & Monitoring**

Module coordinator:
Spring Term

Prof. Xuefen Su
2 units

This course follows the principles presented in HPSB5003 by introducing the processes by which health programmes are evaluated and monitored for optimal performance. The course will guide students through the process of evaluation commonly used in community health settings. (Pre-requisite: HSOC/ HPSB5001, HPSB5002 is strongly recommended)

HPSB5004**Healthy Settings**

Module coordinator:
Spring Term

Prof. Albert Lee
2 units

Priority risk behaviours causing global burden of diseases are often established early in life, with research findings having 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. That being said, 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 settings where people spend most of the time for working, studying, enjoyment of life, or other specific purposes. It is a very effective "intentional intervention" in achieving improvements in both health and well-being of citizens by penetrating 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 the strategic engagement of key stakeholders. After completion of this module, student should be able to acquire the basic knowledge and skills in applying the concepts of Healthy Settings to improve health of their target population on different health issues. (Pre-requisite: HPSB5001 or HSOC5001)

HPSB5005**Health Communication**

Module coordinator:
Fall Term

TBA
2 units

This course is an integral component of health promotion for the creation and development of health messages using current media technologies. The course curriculum illustrates principles of proper framing of health messages and the various techniques used in the media to formulate effective health messages. (Pre-requisite: HPSB5001 or HSOC5001)

HSOC5003 Nutrition for Public Health

Module coordinator: Mr. Tony Yung
Fall term 2 units

This course links 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. Students will be introduced to various essential elements of food and nutritional sciences; current nutrition issues at local and global levels will be discussed, and the application on promoting nutrition health will be illustrated. (Pre-requisite: HPSB5001 or HSOC5001)

HSOC5006 Medical Sociology

Module coordinator: Prof. YH Cheng
Spring term 1.5 units

The course provides an opportunity for students to understand issues of health care in society from sociological perspectives. Concerning health and illness, other than the pathological elements, the sick person is inevitably affected by a wide range of social variables and personal behavior. 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. (Pre-requisite: HPSB5001 or HSOC5001)

HSOC5103 NCD as Public Health Concerns

Module coordinator: Prof. Albert Lee
Spring term 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. (Pre-requisite: HPSB5001 or HSOC5001)

HSOC5210 Social Marketing Methods

Module coordinator: Dr. Lancelot Mui
(Not currently on offer) 1.5 units

The course aims at providing participants an overview of social marketing as an approach to health promotion. The course will cover key concepts and elements of social marketing, as well as the benchmark criteria for a social marketing initiative. The course will be conducted in a combined format of lecture and workshop. Examples of application of social marketing in health promotion will be illustrated in the course. (Pre-requisite: HPSB5001 or HSOC5001)

WOHS5001 Women's Health: Social Cultural Determinants and International Perspectives

Module coordinator: Prof. Carmen Wong
Fall term 2 units

This course will provide a framework to discuss public health issues and determinants of health for women. The course will highlight key issues such as gender identity and gender inequalities in health; and the cultural and societal role of women in relation to health provision and policy.

HEALTH SYSTEMS, POLICY & MANAGEMENT COURSES**HSYS5001 Health Systems, Policy & Management**

(Compulsory MPH Module)

Module coordinator: Prof. PH Chung
Full-time student: Fall term
Part-time student: Spring term 3 units

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 Organization & Management

Module coordinator: Prof. H Fung
Spring term 3 units

This course is an advanced module covering the key areas in healthcare organization and management. The course will focus on practical application of key concepts in organization and management supported by case examples from existing healthcare organizations. It is benchmarked to meet most of the competencies of the Basic Specialist Training and Part I Examination curriculum in Administrative Medicine of HK College of Community Medicine. (Pre-requisite: HSYS5001)

HSYS5003 Health Economics & Healthcare Financing

Module coordinator: Prof. Stephen Law
Fall term 2 units

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. (Pre-requisite: HSYS5001)

HSYS5004 **Health Systems and Policies**
 Module coordinator: Prof. EK Yeoh
 Spring term 3 units

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. (Pre-requisite: HSYS5001)

HSYS5006 **Managing in Healthcare**
 Module coordinator: Dr. Anthony Fung
 Spring term 2 units

This course focuses on the practical aspects of management and supplements that of HSYS5001 and HSYS5002 to complete the training in healthcare management. Teaching will include lectures and discussions; as well as exercises and interactive games to enhance management insights. (Pre-requisite: at least 2 years full-time work experience in an organizational setting)

HSYS5011 **Health Informatics**
 Module coordinator: Dr. NT Cheung
 Fall term 1 unit

This course introduces the principles of healthcare information systems, role of informatics in risk management, quality improvement and basic understanding of technical aspects. (Pre-requisite: HSYS5001)

HSYS5012 **Human Resource Management**
 Module coordinator: Prof. William Ho
 Spring term 3 units

Most health services managers find people management difficult to master. This course covers the key aspects of human resource management in healthcare including basic understanding of the behavior of health professionals. (Pre-requisite: HSYS5001 and HSYS5002)

HSYS5013 **Financial Management**
 Module coordinator: Ms. Nancy Tse
 Spring term 2 units

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. (Pre-requisite: HSYS5001 and HSYS5002)

HSYS5014 **Quality and Safety Management**
 Module coordinator: Prof. SF Lui
 Fall term 3 units

This course introduces the evolving approaches of quality in healthcare. Framework and methods in quality management will be described. Systems and processes in preventing errors and managing risks will be discussed. (Pre-requisite: HSYS5001)

HSYS5015 **Medico-legal Management**
 Module coordinator: Ms. Venus Choy
 Spring term 2 units

This course covers the medico-legal environment of modern healthcare and describes the major aspects that healthcare managers have to handle. These include complaints handling and investigation, clinical negligence and responsibility, legal management and arbitration, and risk management strategies. (Pre-requisite: HSYS5001 and HSYS5002)

HSYS5016 **Health Services Planning & Technology Management**
 Module coordinator: Prof. H Fung
 Spring term 2 units

This course aims to enrich students with the knowledge in health services planning. It covers the essential scope of health services planning, including planning for population health, capacity planning, facility planning and technology management. The course also aims to provide an integrated approach towards understanding health services planning by incorporating 2 case studies for students to gain insight on the practical aspect of planning. (Pre-requisite: HSYS5001)

HSYS6801**Case Study Series on
Health Services Management**

Module coordinator: Prof. H Fung
Fall + Spring term 2 units

This module aims to provide the students with an opportunity to get exposed to some day-to-day problems in health services management and develop a framework for solving these problems. Students will have the opportunity of going through a collective learning process covering all the key areas in health services management and developing an understanding on the approaches in addressing these management problems. (Pre-requisite: HSYS5001)

INFECTIOUS DISEASES COURSES**INFD5001****Infectious Diseases in
Public Health Practice**

(Compulsory MPH Module)
Module coordinator: Prof. Tammy Meyers
Fall term 1 unit

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

INFD5002**Topics in Microbiology &
Infectious Diseases I**

Module coordinator: Prof. Tammy Meyers
Spring term 2 units

This course is designed to strengthen knowledge in microbiology and infectious disease in public health contexts. (Pre-requisite: Biomedical science background)

INFD5003**Infectious Diseases of Public
Health Importance:
Epidemiology, Control and Policy**

Module coordinator: Prof. Tammy Meyers
Spring term 3 units

This course is designed to strengthen knowledge in microbiology and infectious diseases in public health contexts. (Pre-requisite: Biomedical science background)

INFD5004**Infection Control in Health Care &
Community Settings**

Module coordinator: Prof. Raymond Yung
Spring term 2 units

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.

INFD5005**Infection Surveillance &
Infectious Disease Investigation**

Module Coordinator: Prof. PH Chung
Fall + Spring term 3 units

This is a project-based learning opportunity for exposing students to public health surveillance of infectious disease or outbreak investigations. (Pre-requisite: Biomedical science background)

INFD5801**Major & Neglected Tropical
Infectious Diseases of Poverty**

Module coordinators: Prof. Tammy Meyers/
Prof. Amal Mitra
Summer term 1.5 units

This course serves as an introduction to the major tropical infectious diseases and neglected infectious diseases (NTD) of poverty, as well as the current control strategies at the global and regional levels. (Pre-requisite: INFD5001 or Biomedical background)

**ENVIRONMENTAL & OCCUPATIONAL
HEALTH COURSES****OENV5001****Environmental Health Sciences**

(Compulsory MPH Module)

Module coordinator : Prof. KF Ho
Full-time student: Fall term
Part-time student: Spring term 2 units

This course is designed to provide a general understanding of how the environmental factors affect human health and what we can do to prevent negative impacts. It examines health issues, scientific understanding of causes, and possible future approaches to control of the major environmental health problems in industrialized and developing countries.

OENV5002**Occupational Health**

Module coordinator: Prof. Shelly Tse
Spring term 3 units

A basic course for students intending to study in any discipline of occupational health sciences. Basic principles in the practice of occupational health and hygiene will be introduced. Other topics include applied toxicology, physical hazards, chemical hazards, biological hazards, ergonomics and occupational psychology. (Pre-requisite: OENV5001)

OENV5006 Air Pollution & Health

Module coordinator: Prof. KF Ho
Fall term 2 units

This course introduces the current state of knowledge in the key areas in which air pollutants impact on the health of the general population. Health effects of particulate matter (PM), work related air pollutants, and the process of setting air quality standard will be introduced.

(Pre-requisite: OENV5001)

OENV5008 Water & Health

Module coordinators: Prof. Amal Mitra/ Prof. KF Ho
Summer term 2 units

This 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. (Pre-requisite: OENV5001)

OENV5009 Public Health Toxicology

Module coordinator: Prof. Feng Wang
Fall term 2 units

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

OENV5010 Environmental Risk Assessment

Module coordinator: Prof. TW Wong
Fall term 2 units

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.

(Pre-requisite: OENV5009).

OENV 5011 Environmental Risk Management & Communication

Module coordinators: Prof. TW Wong/ Prof. PH Chung
Spring term 2 units

This module 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 COURSES**POPG5001**

Module coordinator:
Fall term

Global Health

Prof. Emily Chan
2 units

This course aims to provide the students with wider perspectives on the global nature of public health issues across different domains including health, policies, and natural disasters. Students should expect to gain awareness of issues in global human health and security, to interpret the reasons for health changes, to obtain skills in accessing and analyzing health situations in different countries, and many more. There is a limit to the class size so intake is offered on a first-come-first-serve basis. (Pre-requisite: PBHT5000)

POPG5003

Module coordinator:
(Not currently on offer)

Remote and Rural Health

TBA
2 units

As medicine and technology advances and urbanization continues, the problem of equity and accessibility of the rural population to timely healthcare continues to grow. Students will gain awareness of issues in rural and remote health; understand major measurements of the rural health of population and its determinants; and have the ability to interpret the reasons for rural health variations of the world and its nations. (Pre-requisite: POPG 5001)

POPG5004

Module coordinator:
Spring term

Global Reproductive Health

TBA
2 units

The purpose of this class is to examine reproductive health issues, services, programmes, and policies from an international perspective. The course content will include social, environmental, economic, behavioral, and political factors that affect fertility, and pregnancy outcome, reproductive health, and family planning in developed and developing countries. The 4 areas of focus are: (1) reproductive health issues and trends; (2) interventions and programs to improve reproductive health; (3) measurement and interpretation of reproductive indices; (4) policies that affect reproductive health. (Pre-requisite: POPG5001 recommended)

POPG5005 **Global Child & Adolescent Health**
 Module coordinator: Prof. Tony Nelson
 Spring term 2 units

The purpose of this class is to examine child and adolescent health in developed and developing countries. Biomedical, socio-medical, behavioral, 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.
 (Pre-requisite: POPG5001 recommended)

POPG5006 **Disaster and Humanitarian Crisis**
 Module coordinator: Prof. Emily Chan
 Summer Term 2 units

Disaster and Humanitarian Responses are crucial elements in public health practices in the global community. Humanitarian relief actions often highlight the importance of preparedness, training and multidisciplinary response actions. This course will offer participants an overview of public health and medical implication of disasters and humanitarian crisis. It discusses health needs assessments and post-disaster evaluation. It aims to show how public health principles may be applied in disaster relief and health-related humanitarian actions. (Pre-requisite: POPG5001)

POPG5007 **Demography**
 Module coordinator: Prof. Roger Chung
 Summer Term 2 units

This course will introduce students to the fundamentals of demographic methods and the applications of demographic methods towards population studies.
 (Pre-requisite: POPG 5001)

POPG5008 **Global Health Policy**
 Module coordinator: TBA
 (Not currently on offer) 2 units

This course gives an overview of the international landscape of health policy and the major stakeholders in the formulation of global health policy. (Pre-requisite: POPG 5001)

POPG 5011 **Food Security : Local and Global Perspectives**
 Module coordinator: Mr. Tony Yung
 Spring Term 2 units

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.

POPG 5012 **Emergency Risk Communication in Disaster and Humanitarian Crisis**
 Module coordinator: Ms. Gloria Chan
 Fall Term 2 units

In a crisis, every word counts. The need to communicate risks as accurate as possible in a timely manner arises as much from public expectation as professional need. Communication not only helps build resilience of the community but also prevent disease, disability and death, and restore dignity of the people facing disasters. This course offers theoretical and practical framework of effective advocacy and emergency risk communication in an evolving media landscape, and covers cases ranging from outbreaks to natural disasters in humanitarian settings.

POPG 5013 **Global Health Perspectives of Humanitarian Crisis & Human Security**
 Module coordinators: Prof. Emily Chan /
 Prof. Jennifer Leaning
 Fall Term 2 units

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. (Pre-requisite: POPG5001 recommended)

POPG 5014 **Field Research Methods in Disaster and Humanitarian Settings**
 Module coordinator: Prof. May Yeung
 Spring Term 2 units

Participants will receive technical training in research study to address public health needs of populations affected by catastrophic events and in resource-poor settings. On completing the course, the participants will understand the principles of planning, implementing, and disseminating research in the context of disaster and humanitarian settings. It aims to show how public health and research principles can be applied. (Pre-requisite: POPG5006 recommended)

POPG6801 **Field Action Lab**

Module coordinator: Prof. Emily Chan
 Fall term + Spring term 2 units

The practicum 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 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.

Important Note

- * Pre-requisite: PBHT5000/ POPG5001
- ** 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 as
 - i) Chosen MPH Practicum based Capstone project (PT Yr2 & FT)
 - 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 COURSES**PBHT5000** **Foundations of Public Health**

(Compulsory MPH Module)

Module coordinator: Prof. Roger Chung
 Fall term 1 unit

An introductory course for all students to provide an overview on the history, basic concepts and current issues in the field of public health. Students will gain a broad understanding of how public health issues can be framed in the three interrelated domains of health protection, health improvement, and health services. This foundation course will equip students with an analytic lens that is essential for more advanced learning in each of the domains.

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

Module coordinator: Prof. Huso Yi
 Full-time student: Fall term
 Part-time student: Spring term 1 unit

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. Students will be able to understand and apply the skills of conducting qualitative research, data coding, and interpretation in the analytical process.

PBHT5002 **Public Health Law**

Module coordinator: Prof. Anne Carver
 Spring term 2 units

This course examines the role of law as a tool for public health both within Hong Kong at international level. (Pre-requisite: HSYS5001).

PBHT5004 **Tuberculosis: Biology, Control, & Policy**

Module coordinator: TBA
 (Not currently on offer) 1.5 units

Tuberculosis (TB) has been declared as a public health threat by the WHO since 1990s, and the threat is recently more serious due to rapid development of multi-drug resistant TB and HIV/ TB co-infection. The course will introduce TB microbiological, clinical and control aspects, and discuss TB epidemiology, evolution of control programmes, policies and practices both globally and locally. Health system and policy issues on TB control, regarding organisation, financing, payment, delivery will be widely explored. Examples on operational research over TB topics will be given. (Pre-requisite: INFD5001 or biomedical background)

PBHT5005 **Basic Human Physiology**

Module coordinator: Prof. Martin Wong
 Summer term 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.

PBHT5006**Practice of Qualitative
Research Methods**

Module coordinator: Prof. Huso Yi
Spring term 1 unit

This course demonstrates competency in understanding major methods employed in qualitative research in public health; apply and formulate qualitative methods and skills through the preparation of a research protocol; understand and apply the skills of data collection, observation, in-depth interview, and focus group interviews; understand and apply the skills of data coding and interpretation in the analytical process; be familiar with the use of qualitative data analysis software, as well as to write a qualitative research paper.

PBHT5801**Climate Change & Health**

Module coordinator: Prof. Emily Chan
Summer term 2 units

Climate Change is an important topic for public health practices for the 21st century. This course offers participants an overview of issues related to climate change and health. It aims to show how public health principles may be applied on issues of climate change to support community preparedness, response, policy formulation and implementation. (Pre-requisite: PBHT5001)

PBHT5803**Development of Assessment
Instruments**

Module coordinator: Prof. Lawrence Lam
(Not currently on offer) 1.5 units

This course aims to provide students with an understanding of the basic principles and procedures in designing questionnaires and health-related assessment instruments. The course includes basic principles and procedures in questionnaire design, psychometrics, validation of an assessment instrument, and related statistical issues. At the completion of the course, students are enabled to develop a simple questionnaire suitable for collecting information for their own research project or in a specific area of their own interest. (Pre-requisite: EPID5001)

PBHT5804**Ethics, Social Justice &
Global Health**

Module coordinator: Prof. Huso Yi
Summer term 1.5 units

This course introduces basic ideas of ethics and justice, and discusses how those ideas apply to global biomedical issues. (Pre-requisite: PBHT5000)

PBHT5900**International Field Studies**

Offer All year 1 unit

This module 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. (Pre-requisite: PBHT5000, POPG5001 preferred)

PBHT5901**Exchange Study**

Module coordinator: Concentration Coordinator of student's chosen concentration
Throughout the academic year 1.5 units (Pass/ Fail)

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**

(Compulsory MPH Module for Full-time Students)
Module coordinator: Prof. Jean Kim
Throughout the year 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**

(Compulsory MPH Module)
Module coordinator: Prof. William Goggins
All year 6 units

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 module is mandatory for graduation.

PARTNER INSTITUTIONS

Since its inception in 2001, our school has been active in both regional and worldwide public health development. As one of the most prestigious universities in Asia, our school has established collaborative networks with more than 90 institutions in 19 different countries across 4 continents.



90
Institutes



19
Countries



United Kingdom

- Cardiff
- Cambridge
- Edinburgh
- Glasgow
- Guildford
- London
- Manchester

Belgium

The Netherlands

Sweden

Ukraine

Bangladesh

- Dhaka

Cambodia

China

- Beijing
- Chongqing
- Hangzhou
- Guangzhou
- Kunming
- Liuzhou
- Shantou
- Shanghai
- Shenzhen
- Wuhan

Indonesia

- Yogyakarta

Japan

- Shiga
- Tokyo

Korea

- Seoul

Philippines

- Manila

Singapore

Sri Lanka

- Colombo

Taiwan

- Kaohsiung

Thailand

- Bangkok

Australia

- Canberra
- Melbourne
- Queensland
- Sydney

Canada




- London
- Toronto
- Vancouver
- Winnipeg

USA

- Baltimore
- Bloomington
- Boston
- New Orleans
- New Haven
- New York
- San Francisco
- Washington

WHERE we are

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 which is a 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:

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