

Career Benefits

Our programmes have been cited as being greatly instrumental to our students' career development. Many graduates have advanced to senior clinical, research, academic and administrative positions after completing our programmes. Some of our graduates have changed to research careers in academic and governmental organizations while others have continued onto doctoral studies.

Since inception in the 1980s, over 500 professionals have graduated from our programmes and gone on to successful medical, health and academic careers.

Recognition of the Programmes

The Hong Kong Medical Council recognizes both the Master of Science and Postgraduate Diploma degrees in Epidemiology and Biostatistics as quotable qualifications. Continuing Medical Education (CME) credits for non-specialists can also be obtained.



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Sharing of Learning Experience

Dr William FOO

Specialist in Clinical Oncology, Director, Radiotherapy and Oncology Centre, Hong Kong Baptist Hospital

Samples and populations; statistics and its interpretation – these were what I learnt 10 years ago, and I still find them immensely useful in reading medical literature. Equipped with this knowledge I was able to explore a whole new world of 'macro-medicine', especially in cancer epidemiology. My understanding of epidemiology and statistics were indispensable tools in past years, during my work as the Director of the Hong Kong Cancer Registry.

Dr Kin-Sun TSE

Associate Consultant, Department of Radiology and Imaging, Queen Elizabeth Hospital

This course has been a precious learning experience! Biostatistics has been a difficult topic in the medical curriculum. This course equipped me with key concepts and technical tools in epidemiology and biostatistics. Through different learning modes in this course, I have put the theories and principles into practice. In the era of evidence-based medicine, this course has laid the foundation for critical appraisals and decision making in daily clinical practice, as well as study design and statistical analysis in research. I have no hesitation in recommending this course to all medical and para-medical colleagues, and those who are interested in this field!



Ms Zhenzhen LIANG

Statistical Programmer, Statistical Programming, PARAXEL International

I found the structure of the courses is reasonable and the objectives are quite clear and definite. More importantly, the programme provided theoretical knowledge for my job, which focuses on the statistical issues of clinical trials. In addition, the great deal of library sources acts as supplement for the lectures. And the professors and tutors help us a lot in our study and thesis.

Ms Xiaoran HAN

PhD Candidate, JC School of Public Health and Primary Care, CUHK

This program provided theoretical knowledge of Epidemiology and Biostatistics. I have learned both key concepts and the applications of those concepts which have always been ignored in my previous learning procedure. Under the help of dedicated academic staff, I can continue my academic career. I strongly recommend this program to all medical students.



Master of Science in Epidemiology and Biostatistics

Postgraduate Diploma in Epidemiology and Biostatistics

Diploma in Epidemiology / Diploma in Biostatistics

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

2017 Admissions

Programme Co-Directors:

Professor Jin-ling TANG & Professor Benny ZEE



Assistant Director for Epidemiology:

Professor Chen MAO

Assistant Director for Biostatistics:

Professor Maggie WANG

"An essential course for clinicians and medical researchers who aspire to conduct applied clinical and translational research in human subjects, and to make sense of medical literature for patient care"



香港中文大學
The Chinese University of Hong Kong



香港中文大學醫學院
Faculty of Medicine
The Chinese University of Hong Kong



賽馬會公共衛生及基層醫療學院
The Jockey Club School of Public Health and Primary Care

Eligibility

There will be no entry examinations but applicants must meet the following criteria:

- Bachelor's honours degree (normally not lower than second-class lower division honours, or B grade)

For applicants living in countries where English is not the language of instruction:

- TOEFL (normally not lower than 550 Paper-based; 213 computer-based; and 79 internet-based); or
- IELTS (Academic) (normally not lower than Band 6.5); or
- GMAT (Verbal, normally not lower than 21)

Who Should Apply

- Those planning to conduct applied clinical and health research such as surveys, clinical trials, observational studies, and systematic reviews in order to address practical issues in health care
- Those needing to interpret and apply research findings for evidence-based patient care and health-related decision making
- Those seeking biostatistics proficiency for application to lab-based biomedical research or epidemiological research.

The majority of our past students have been:

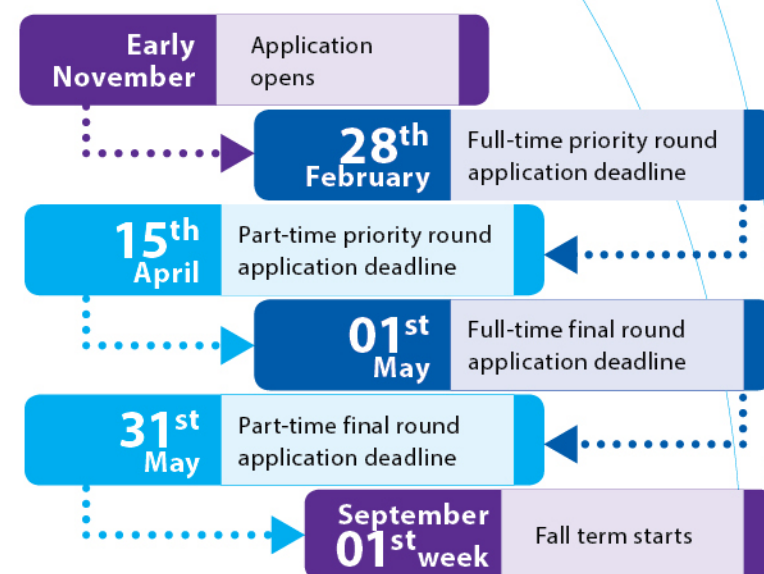
- clinicians (including clinical professors)
- allied health workers
- researchers
- physiotherapists
- professionals from the pharmaceutical field
- public health professionals
- health managers
- nurses
- laboratory technicians

How To Apply

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

*Non-local Students are advised to apply as early as possible as visa applications can take a considerable length of time

Application Timeline



Admission Deadline

Full-Time

Priority Round Deadline: 28 Feb 2017

Final Round Deadline: 1 May 2017

Part-Time

Priority Round Deadline: 15 Apr 2017

Final Round Deadline: 31 May 2017

*Applications will be processed on a rolling basis. Early application is therefore highly advantageous.



Programme Overview

Epidemiology and biostatistics have been gaining increasing worldwide prominence as cutting-edge disciplines of medical research. Today, both clinical and non-clinical health professionals need to provide evidence-based decisions for patient care, public health interventions and public health policies. The courses aim to provide comprehensive training in the design, conduct, and analysis of clinical and non-clinical health research and to interpret and use findings from such studies for patient care and policy making. Since there is emphasis on clinical epidemiology and interpretation of epidemiological research results, the courses are also particularly popular for those who wish to master critical appraisal skills for evidence-based medicine.

Programme Structure

	Credit Units	Dip in Biostatistics	Dip in Epidemiology	PgD	1-Year MSc (Full-time)	2-Year MSc (Part-time)
Core Courses						
Introduction to Biostatistics	3	✓		✓	✓	†
Linear Models	2	✓		✓	✓	†
Categorical & Survival Data Analysis	3	✓		✓	✓	†
Introduction to Epidemiology	3		✓	✓	✓	†
Epidemiological Study Designs	2		✓	✓	✓	†
Analysis of Epidemiological Data	3		✓	✓	✓	†
Protocol Development I	1	✓	✓	✓	✓	†
Protocol Development II	1			✓	✓	†
Topics in Linear Models	2				✓	♦
Clinical Trials	1.5				✓	♦
Appraisal of the Methods of Epidemiological Studies	2				✓	♦
Selected Topics in Epidemiology	1.5				✓	♦
Publishable Research Thesis	8				✓	♦
Elective courses						
Up to 16 different elective courses for selection	3				✓	†/♦
Total Required Credit Units	9	9	18	36	36	

† To be taken in first year of study for MSc (Part-time) students

♦ To be taken in second year of study for MSc (Part-time) students

Teaching Format

- English is the medium of instruction.
- The course content is delivered using a combination of lectures, tutorials, computing sessions, discussions, critical appraisals of literature, and student presentations.
- An experienced thesis supervisor is assigned to each student, and one-to-one and special small group tutorials can also be offered as needed.
- Teaching sessions take place over three terms in an academic year.
- Additional symposia, seminars and workshops are also offered as non-compulsory sessions to allow more exposure to advanced or related topics.
- The lesson is usually held in the JC School of Public Health building at the Prince of Wales Hospital and the main campus of The Chinese University of Hong Kong.

Tuition & Fees

Year 2017-18

Programme		Duration	Tuition Fee
Master of Science in Epidemiology and Biostatistics	Full-time	1 year	HKD 165,600 / year
	Part-time	2 years	HKD 82,800 / year
Postgraduate Diploma in Epidemiology and Biostatistics	Part-time	10 months	HKD 82,800
Diploma in Epidemiology	Part-time	10 months	HKD 41,400
Diploma in Biostatistics	Part-time	10 months	HKD 41,400

- Non-Hong Kong residents should apply for the full-time MSc programme instead of part-time programmes due to visa requirement.
- Application fee HKD 300

