



**QS World University Rankings 2021**  
**Faculty of Medicine, CUHK**  
– 40th in the world  
**The Chinese University of Hong Kong**  
– 13th in the Asia and 39th in the world

DEPARTMENT OF OBSTETRICS AND GYNAECOLOGY  
AND  
CUHK-BAYLOR COLLEGE OF MEDICINE JOINT CENTER FOR MEDICAL GENETICS

# MASTER OF SCIENCE IN MEDICAL GENETICS 2022-24

## 2-YEAR PART-TIME POSTGRADUATE PROGRAMME

Currently the ONLY postgraduate taught programme in Medical Genetics in Hong Kong with quotable qualification approved by the Medical Council of Hong Kong



### WELCOME MESSAGE

Medical Genetics is one of the most rapidly evolving areas in the medical field and is becoming an extremely essential and necessary element in medical practice. As a pioneer in Medical Genetics postgraduate education in Hong Kong, our programme will equip you with a solid foundation in providing care for obstetric, paediatric and adult patients with cytogenetic, biochemical, developmental and cancer diseases.

The programme is designed to develop your deep understanding in Genetic Counselling, practical application of the latest laboratory techniques, vital interpersonal and leadership skills in a multidisciplinary team through a lively and engaging learning experience. It is an excellent platform for you to strive for career and professional advancement in the field.

### COURSE FEATURES

- **Flexible teaching schedule** – teaching schedule is tailor-made for working professionals as below:  
On-campus class: 4 times/year (4 consecutive days at weekend)  
Online class: Usually at weekday evening
- **Career impact** – In partnership with Baylor College of Medicine and a global professional network, the programme allows you to establish life-long connections with your mentors, teachers and classmates worldwide and draw on their expertise and networks throughout your career.
- **Academic excellence** – Learn from our highly respected faculty whose world-class research advances in the field. Our faculty are also experienced practitioners who are in charge of clinics or laboratories.
- **Knowledge through experience** – Put theory into practice through our living lessons consisting of hands-on workshops, laboratory tours and clinical attachment of genetic counselling with Baylor experts.
- **Global perspectives** – Join a vibrant and diverse community of students and faculty – over 40% of our current class are non-local students from mainland China, Singapore, Malaysia, Thailand and Indonesia.
- **Mr. and Mrs. Chang Un Lin Memorial Scholarship** - Award students for achieving academic excellence and outstanding performance.

### PROGRAMME DIRECTOR

#### Dr. Josephine Shuk Ching CHONG

Associate Professor of Practice in Medical Genetics,  
Department of Paediatrics &  
Department of Obstetrics and Gynaecology  
The Chinese University of Hong Kong



### DEPUTY PROGRAMME DIRECTOR

#### Dr. Richard Kwong Wai CHOY

Professor  
Department of Obstetrics and Gynaecology  
The Chinese University of Hong Kong



### PROGRAMME ADVISOR

#### Prof. Wai Yee CHAN

Pro-Vice-Chancellor  
Li Ka Shing Professor of Biomedical Sciences  
The Chinese University of Hong Kong



#### Prof. Tak Yeung LEUNG

Chairman and Professor  
Department of Obstetrics and Gynaecology  
The Chinese University of Hong Kong



#### Prof. Fernando SCAGLIA

Professor  
Department of Molecular and Human Genetics  
Baylor College of Medicine, US





## PROGRAMME STRUCTURE

Students must complete 30 units with 14 required courses with clinical attachment within the two-year normative period of study.

### Courses Taken in 2022-23 (Year 1)

Course Code	Course	Unit
CNGT5001	Clinical Molecular Genetics	2
CNGT5002	Clinical Biochemical Genetics	2
CNGT5003	Clinical Genetics	2
CNGT5004	Clinical Cytogenetics	2
CNGT5005	Population Genetics	1
CNGT5006	Genome Informatics	1
CNGT5007	Genetic Counseling	1

### Courses Taken in 2023-24 (Year 2)

Course Code	Course	Unit
CNGT6001	Scientific Skills, Lab Safety and Management	1
CNGT6002	Prenatal and Paediatrics Genetics	2
CNGT6003	Adult and Cancer Genetics	2
CNGT6004	Advanced Clinical Genetics	3
CNGT6005	Frontiers in Genomic Medicine and Laboratory Technologies	1
CNGT6006	Ethics and Law	1
CNGT6007	Research Project	9

## MODE OF TEACHING

English is the medium of instruction. Lectures, clinical and laboratory attachments, group discussions, case studies, tutorials and conferences will be arranged to enhance students' understanding and performance. Both webinar and face-to-face teaching will be adopted.

## CLASS SCHEDULE

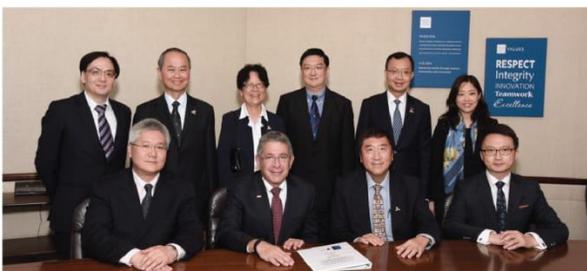
On-campus: 4 times/year (4 consecutive days at weekend)  
Online: Usually at weekends

## ASSESSMENT

Performance will be assessed through written essays, assignments, examinations, presentations, clinical attachments, research projects and attendance.

## RECOGNITION

MSc in Medical Genetics obtained a quotable qualification approved by the Medical Council of Hong Kong.



Baylor College of Medicine and The Chinese University of Hong Kong join forces to advance genetic research and training.

Source of information: Baylor College of Medicine [www.bcm.edu](http://www.bcm.edu)

## APPLICATION

### ADMISSION REQUIREMENTS

In addition to the general requirements of the Graduate School, applicants should have obtained a Bachelor's degree in medicine, healthcare, life science, laboratory science or related professions from a recognized institution or have the equivalent academic or professional qualifications.

### APPLICATION PROCEDURES

For online application, please visit the Graduate School website at <https://www.gs.cuhk.edu.hk/admissions/programme/medicine>  
Application Fee for admission: HK\$300

### APPLICATION DEADLINE

1<sup>st</sup> round: 31 October 2021

2<sup>nd</sup> round: 31 January 2022

Final round: 30 April 2022

### TUITION FEE

HK\$168,000

### CONTACT US

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