

# MSc in Medical Genetics

## 2024-2026



## 2-Year Part-Time Postgraduate Programme



QS World University Rankings 2023  
Faculty of Medicine, CUHK  
**32nd** in the world  
Times Higher Education Rankings 2023  
The Chinese University of Hong Kong  
**6th** in the Asia and **45th** in the world

### 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 pioneers 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.

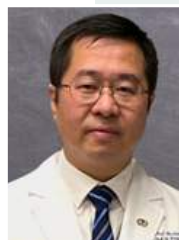
The programme is designed to develop your deep understanding of Genetic Counselling, the practical application of the latest laboratory techniques, vital interpersonal and leadership skills in a multidisciplinary team through a lively and engaging learning experience. It is an excellent platform for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

*Richard Choy*

Programme Director



香港中文大學  
The Chinese University of Hong Kong  
香港中文大學  
The Chinese University of Hong Kong



### PROGRAMME DIRECTOR

Professor Richard Kwong Wai CHOY  
Professor  
Department of Obstetrics and Gynaecology  
The Chinese University of Hong Kong



### DEPUTY 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



### PROGRAMME ADVISOR

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



### PROGRAMME ADVISOR

Professor Tak Yeung LEUNG  
Assistant Dean (Mainland Affairs)  
Professor  
Department of Obstetrics and Gynaecology  
The Chinese University of Hong Kong

## Programme Structure

### COURSES TAKEN IN 2024-2025 (YEAR 1)

#### Unit

- 2 Clinical Molecular Genetics
- 2 Clinical Biochemical Genetics
- 2 Clinical Genetics
- 2 Clinical Cytogenetics
- 1 Population Genetics
- 1 Genome Informatics
- 1 Genetic Counseling

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

### COURSES TAKEN IN 2025-2026 (YEAR 2)

#### Unit

- 1 Scientific Skills, Lab Safety and Management
- 2 Prenatal and Paediatric Genetics
- 2 Adult and Cancer Genetics
- 3 Advanced Clinical Genetics
- 1 Frontiers in Genomic Medicine and Laboratory Technologies
- 1 Ethics and Law
- 9 Research Project

# Course Features

- **Flexible Schedule** - Perfect for working professionals. Attend on-campus classes four times a year (4 consecutive days at weekend) and online classes during weekdays in the evening.
- **Career Advancement** - Through our collaboration with Baylor College of Medicine and our extensive global professional network, you'll have the opportunity to establish enduring connections with mentors, educators, and peers from around the world. These connections will provide valuable support and resources throughout your professional journey.
- **Academic Excellence** - Benefit from the expertise of our esteemed faculty members, who are renowned for their world-class research contributions in the field. Our faculty are not only accomplished researchers but also experienced practitioners, actively involved in clinics and laboratories.



- **Genetic Symposium Participation** - Engage with professionals from the global medical genetics community by participating in our Genetic Symposium. This event offers a platform for networking and provides insights into the latest research and advancements in the field, allowing you to showcase your own research through abstract presentations.
- **Knowledge Through Experience** - Put theory into practice through our living lessons, which include hands-on workshops, laboratory tours, and clinical attachments in genetic counselling.
- **Global Perspectives** - Join a dynamic and diverse academic community where a significant portion of our classes were comprised of students from various regions, including mainland China, Singapore, Malaysia, Thailand, and Indonesia across multiple cohorts.
- **Mr. and Mrs. Chang Un Lin Memorial Scholarship** - This scholarship recognizes students who achieve academic excellence and outstanding performance.



## Mode of Teaching

English serves as 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 webinars and face-to-face teaching methods are employed.

### CLASS SCHEDULE

- On-campus:** Four times a year, with classes held on four consecutive days over the weekend
- Online:** Usually scheduled for weekday evenings
- Overseas Trip:** Involves participation in the Genetics Symposium and site visits when applicable

### 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.



OUR PROGRAMME

## Application

### ADMISSION REQUIREMENTS

In addition to the general requirements of the Graduate School, applicant 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#msc-in-medical-genetics>  
Application Fee: HK\$300

### APPLICATION DEADLINE

- |              |                 |
|--------------|-----------------|
| 1st round:   | 31 October 2023 |
| 2nd round:   | 31 January 2024 |
| Final round: | 30 April 2024   |

### TUITION FEE

HK\$168,000

### CONTACT US

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