

**HKUSPACE**香港大學專業進修學院  
HKU School of Professional and Continuing Education

HKU SPACE is a non-profit making University company limited by guarantee

## INTRODUCTION TO GENETIC COUNSELLING

### 基礎遺傳諮詢輔導課程

Course Code: GESC 9024

---

**Application Code: 1540-1588NW**

Enquiries: 2975 5698

Website: <http://www.space.hku.hk/prog/introduction-to-genetic-counselling>

### Highlights

With the advances of molecular technology and identification of increasing number of genetic variants and disease markers, genetics has become an integral part of modern medicine.

Genetic counselling, a communication process which deals with the occurrence, or risk of occurrence, of a genetic disorder in a family, is in high demand in Hong Kong, because of the need for pre-test and post-test counselling for the increasing number of complex genetic and genomic tests.

This short course aims to create awareness and provides an introduction to the field of genetic counselling to healthcare professionals.

### Target participants

The course is suitable for all local doctors e.g. obstetricians, paediatricians, or private physicians; nurses; midwives; scientists, psychologists and other professionals with clinical or laboratory background. It is also suitable for those who would like to update their knowledge in genetics or genetic counselling.

### Objectives

1. To provide participants with basic knowledge of genetics and genetic diseases.
2. To introduce the principles of genetic counselling and communication skills in genetic counselling.
3. To serve as a preparatory course for further studies in genetic counseling.

### Topics to be taught:

1. Role and responsibilities of genetic counsellor - global perspective
  - Introduction to human genetics
  - Mode of inheritance
2. Principle of genetic counselling
  - Philosophy
  - Non-directiveness
  - Risk and uncertainty
  - Psychosocial support
3. Genetic counselling in action I – getting information from the families
  - History taking
  - Pedigree construction
  - Communication
4. Genetic testing I
  - informed consent
  - cytogenetic

5. Genetic Testing II
  - molecular test
  - new genomic technologies
6. Genetic counselling in action II – Case discussion on how genetics can influence patient care
7. Paediatric counselling
8. Prenatal counselling
9. Cancer genetic counselling
10. Genetic counselling in practice
  - ethics
  - discussion : where to go or what to do for further studies

### Assessment

Written assessment consists of multiple choice questions. Passing score is 50%. Statement of Achievement will be issued to students who have passed the written assessment and have attained an overall attendance of 70%.

### Tutors

**Dr Brian CHUNG**, Clinical Geneticist, Clinical Associate Professor, Department of Paediatrics and Adolescent Medicine, Department of Obstetrics and Gynaecology, HKU

**Dr LEE Chin Peng**, Honorary Clinical Associate Professor, Department of Obstetrics and Gynaecology, HKU

**Dr Anita KAN**, Consultant, Department of Obstetrics and Gynaecology, QMH

**Dr Kelvin CHAN**, Laboratory Director-Prenatal Diagnostic Laboratory, Tsan Yuk Hospital

**Dr Hannah SHIPMAN**, Genetic Counsellor (UK), Postdoc Fellow, HKU

### Programme Coordinators

Dr Elizabeth LAU, Senior Programme Director

Ms CHAN Wai Fun Amy, Programme Director (CNE and PEM nurse planner)

Course Commencement Date	:	<b>8 August 2017 (Tuesday)</b>
Course Date	:	Every Wednesday from 16 August – 24 October 2017
Course Time	:	6.30 pm – 8.30 pm
Course Duration	:	10 meetings of 2 hours each
Course Fee	:	<b>\$9,000</b>
Medium of Instruction	:	English and supplemented with Cantonese
Venue	:	HKU SPACE Admiralty Centre / United Centre

### Accreditation – Continuing Professional Development (CME/CPD/CNE/PEM Points)

12 CPD Points awarded to Medical Laboratory Technologists

20 CME Points awarded to Obstetricians / Gynaecologists

18 CME Points awarded to Paediatricians

20 CME Points awarded to Pathologists

18 CNE Points awarded to Registered Nurses (General) / Enrolled Nurses (General)

18 PEM Points awarded to Registered Midwives

### Enrolment Methods

1. Complete the "Application For Enrolment Form SF 26" and return with the fee paid by a crossed cheque payable to "HKU SPACE" to College of Life Sciences and Technology, HKU SPACE, Room 1806-08 Fortress Tower, 250 King's Road, North Point, HK (Attn: Ms Carol Lui)
2. Bring the completed form, together with the course fee and any required supporting documents to any of the HKU SPACE Enrolment Centre.
3. Alternatively, use the 24-hour Online Enrolment Service at <http://www.space.hku.hk/prog/introduction-to-genetic-counselling>

**August 2017**