

Tuition Fee

MSc Programme (Full-time, 1 year)

HK\$120,000 payable in two installments

MSc Programme (Part-time, 2 years)

HK\$60,000 per year payable in two installments for each year

(Subject to University Approval)

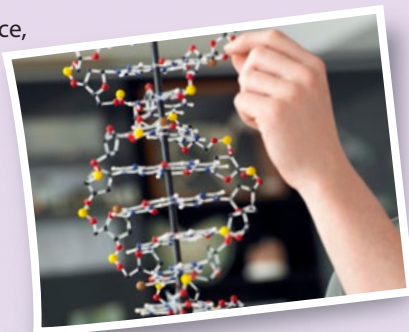
Curriculum

Code	Title
GNBF5010	Introduction to Programming
GNBF5020	Introduction to Molecular Biology and Genetics
GNBF5030	Bio-computing
GNBF5040	Genomics: Basic Concepts and Applications
GNBF5050	Theories and Algorithms in Bioinformatics
GNBF5060	Systems Biology
GNBF5070	Genome Informatics
GNBF6010	Research Project

Assessment

For the mandatory courses, performance will be assessed by assignments, examination and course paper.

For the research project (as required for the M.Sc. programme), assessment will be based on research performance, oral presentation, and written reports.



Online Application

Please visit Graduate School's homepage at <https://www.gs.cuhk.edu.hk/admissions/programme/medicine>

Applicants should provide a full set of supporting documents for further recommendation.

Please visit

<https://www.gs.cuhk.edu.hk/admissions/admissions/how-to-apply> for application procedures and preparation.

Applications are now open for 2020 intake.

Information Sessions

Month:	October or November 2019
Time:	7-8 pm
Venue:	School of Continuing and Professional Studies (CUSCS), East Ocean Centre, 98 Granville Road, Tsim Sha Tsui (Hung Hom MTR Station Exit D1)
Remarks:	Dates and classrooms will be announced in our website in early October 2019

Application Deadlines

30 April 2020

Application will be processed on a rolling basis until all places have been filled. Therefore, early applications are strongly encouraged.

Contact Us

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DIVISION OF BIOMEDICAL SCIENCES
THE CHINESE UNIVERSITY OF HONG KONG



Master of Science in Genomics and Bioinformatics

基因組學及生物信息學理學碩士

Director's Message

Visualizing the rapid advancement of genomics and bioinformatics technology, as well as potential applications of genome data on various areas in biomedical and biological sciences, many researchers, teachers and employees in the business sectors felt that they have the needs to enrich their knowledge on genomics and bioinformatics.

To satisfy their needs, the Master of Science in Genomics and Bioinformatics programme (M.Sc.) is offered so that postgraduate training on these two important and emerging areas can be provided. To cater needs of different students, there are two study modes (one-year full-time and two-year part-time) offered.

Features

- To train personnel who are interested in joining the emerging industry in genomics, bioinformatics and personalized medicine
- To enable doctors, technicians and research staff to conduct genomics and bioinformatics research project in their career
- To enrich knowledge in genomics and bioinformatics via lectures, workshops and hands-on experience

Recognition

- The Master of Science in Genomics and Bioinformatics is a quotable qualification approved by the Medical Council of Hong Kong.
- CME/CPD points will be applied upon the request of newly-admitted doctors on the Specialist Register (SR) of the Medical Council of Hong Kong and Medical laboratory technologists (MLTs) in July of the year.

Admission Requirements

In addition to the general requirements of the Graduate School, applicants should have graduated from a recognized university and obtained a Bachelor's degree in Medicine, Science, or Engineering.

Graduation Requirements

- Students should complete all courses including seven 3-unit courses and one 3-unit research project.
- Students should pass all the assessments and obtain a cumulative overall GPA of a least 2.0 in order to graduate.



Director

Programme Director: Professor Tsui Kwok-Wing Stephen
Administrative Staff: Ms Fion Fong

Teaching Faculty

Professors and lecturers from the Faculty of Medicine and the School of Life Sciences of the Chinese University of Hong Kong

Objectives

- To enrich students who graduated in the Faculties of Medicine, Science, and Engineering with knowledge of genomics and bioinformatics;
- To train students to critically appraise scientific work in related fields;
- To provide students with experience in carrying out genomics and bioinformatics research;
- To enable students to apply the knowledge learned to their work which is related to biological or biomedical research.



Overview

Target Participants

The programme is suitable for researchers, medical doctors and employees in biotechnology industry who wish to equip themselves with knowledge and skills in genomics and bioinformatics for their interest and career development.

Topics

- Programming
- Molecular Biology and Genetics
- Bio-computing
- Genomics
- Bioinformatics
- Systems Biology
- Genome Informatics
- Research Methodology

Mode of Teaching

Lectures, interactive tutorials, seminars, projects, and workshops

Medium of Instruction

English

Period of Study

One-year full-time / Two-year part-time

Commencement Date

September 2020

Schedule

Part-time M.Sc.*
Saturday (from 1:30pm to 6:30pm)

Full-time M.Sc.*
Please refer to the schedule shown at the website

**There are no classes on public holidays.*

Venue

Classes would mainly be held in the Chinese University of Hong Kong