CityU Department of Chemistry
香港城市大學
City University of Hong Kong

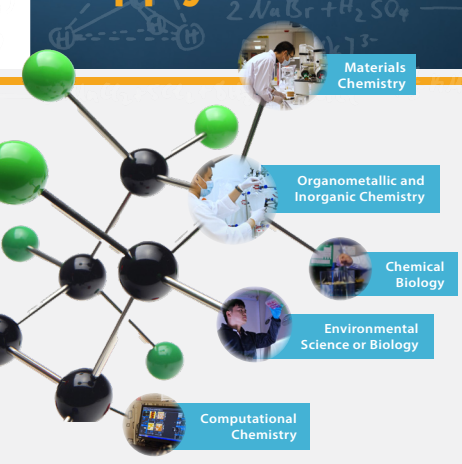
Master of Science in CHEMISTRY

Broad-spectrum *R&D training in* ***Chemistry*** *&* ***Molecular*** *Sciences;*

NEW Elective Courses For 2024/25

- Nurturing students with heavy research component
- Fostering publishable student research
- Highly competitive research works
- Postgraduate research symposium

Apply NOW!



Aims

The Master of Science in Chemistry programme aims to train and produce graduates with highly marketable research skills and experiences in a wide variety of advanced chemistry disciplines to meet local, regional and global demands for R&D specialists in the industrial, commercial, and government sectors. Graduates are also eligible for pursuing higher research degrees in local and overseas universities and research institutes.

Features and Advantages

This programme consists of lectures, seminars and thesis research, with an emphasis on requiring students to conduct independent research, participate in scientific conferences/seminars and complete dissertations. The specialized courses cover a wide variety of advanced chemistry disciplines, including catalysis, synthetic chemistry, materials & biomaterials chemistry, analytical & bio-analytical science, computational chemistry, environmental chemistry and chemical biology.

Programme Structure

Students are required to complete 30 credit units, including core courses (15 credit units) and elective courses (15 credit units).

Courses

Core Courses (15 credit units)

Code	Course Name	Credit
CHEM6118	Advanced Chemical Instrumentation	3
CHEM6119	Frontiers in Chemical Biology	3
CHEM6121	Academic and Industrial Research, Development and Innovation	3
CHEM6125	Selected Topics in Chemistry & Molecular Sciences	3
CHEM6126	Advanced Seminar Series	3

NEW Elective Courses (15 credit units)

	Code	Course Name	Credit
NEW	CHEM6114	Food Processing and Food Chemistry	3
	CHEM6123	Postgraduate Symposium	1
	CHEM6127	Dissertation	14
NEW	CHEM6128	Environmental Health & Risk Assessment	3
NEW	CHEM6129	Advanced Directed Studies	6
NEW	CHEM6130	Cosmetic Product Development and Formulation	3
NEW	CHEM6131	Frontiers in Modern Synthetic Chemistry	3
NEW	CHEM6132	Frontiers in Sustainable Energy Conversion and Storage	3
NEW	CHEM6133	Advanced Entrepreneurship Programme in Chemistry	3

Apply NOW!

Admission Requirements / Programme Fee

https://www.cityu.edu.hk/pg/programme/p67

Application Procedures

Admissions to Taught Postgraduate Programmes in 2024/25 are now opening for applications.
For details, please visit:

Application Deadline

31 May 2024

Duration of Programme

Full-time: 1 year;
Part-time / Combined mode: 2 years

Language of Instruction

English

MSc Programme Video

https://www.youtube.com/watch?v=H-DW62Oy6KQ

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