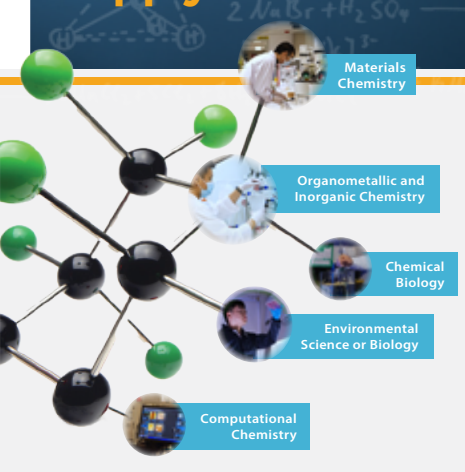
Department of Chemistry
香港城市大學
City University of Hong Kong

Master of Science in CHEMISTRY

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

- 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 research, with an emphasis on requiring students to conduct independent research and participate in scientific conferences/seminars. The specialized courses cover a wide variety of advanced chemistry disciplines, including catalysis, energy, 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

Elective Courses (15 credit units)

Code	Course Name	Credit
CHEM6114	Food Processing and Food Chemistry	3
CHEM6123	Postgraduate Symposium	1
CHEM6127	Dissertation	14
CHEM6128	Environmental Health & Risk Assessment	3
CHEM6129	Advanced Directed Studies	6
CHEM6130	Cosmetic Product Development and Formulation	3
CHEM6131	Frontiers in Modern Synthetic Chemistry	3
CHEM6132	Frontiers in Sustainable Energy Conversion and Storage	3
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 2025/26 are now opening for applications.
For details, please visit:

Application Deadline

31 March 2025

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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