

## Overview

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The collection's primary function is to support research and teaching programs in the area of Chemistry based on the research interests of the Department of Chemistry

## Subject areas supported

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Subject areas include:

Analytical Chemistry, Inorganic Chemistry, Organic Chemistry, Physical Chemistry and Chemical Biology

Research focus areas include:

Analytical Chemistry, Artificial viruses, Asymmetric Catalysis, Asymmetric Synthesis, Atom-absorption, Biomolecules, Boron Cage Compounds, Carbohydrate Chemistry, Chemical Biology, Cluster Chemistry, Computer Modelling in Organic Synthesis, Crystal Engineering, Degradation and treatment of Pollutants, Design and Synthesis of Organic Materials, Development of non-viral gene vector, DNA damage and repair, DNA replication, Functional Macromolecules, Green Chemistry, Highly strained non-natural molecules, High-performance Liquid Chromatography, Inclusion Chemistry, Inorganic Chemistry, Inorganic Polymers, Intelligent Gels, Laser Spectroscopy, Mass Spectrometry Instrumentation, Metallacarboranes, Metalloporphyrin Chemistry, Microfluidic chip-based Analysis, Molecular mechanism of genetic instabilities, Molecular Recognition, Molecular Self-Assembly, Nanoparticles, Nonlinear Optical Materials, Organic Electronics, Organic Synthesis, Organometallic Compounds, Organometallics, Physical Chemistry, Polarographic Methods, Quantum Crystals, Recombinant Proteins, Supercritical Fluid Extraction, Syntheses, Synthetic Methodologies, Theoretical Calculation of Biopolymers, Transition Metals

The faculty offers B.Sc., M.Sc., M.Phil., and Ph.D. degrees.

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#### Collected in general

- Basic
- General Academic
- Advanced Academic
- Professional

#### Levels not collected

- Juvenile
- Popular

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#### Formats collected

Formats and materials acquired, in general, electronic format is preferred.

- Conference proceedings
- Conference Monograph
- Festschriften
- Monographic series
- Periodicals
- Reference works
- Academic monographs
- Biography/Autobiography
- Classroom Anthology
- Collected Works
- Correspondence
- Curriculum Guide
- Field Guide
- Lab Manual
- Periodical Anthology
- Programmed Text
- Revised Dissertation

#### Formats and materials collected selectively or by request

- Audio-visual material
  
- Formats that are not otherwise specified above (such as cartoons, festschriften, ephemera, etc.) will not be considered.

## Languages collected

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Materials collected are primarily in English and Chinese.

Materials in other languages will only be considered upon special request on a case-to- case basis.

## Chronological and geographical focus

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Current materials are emphasized.

## Useful Links

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Library Subject Guide: <http://libguides.lib.cuhk.edu.hk/chemistry>

Collection Development Policy: <https://www.lib.cuhk.edu.hk/en/collections/policy/>

## Liaison Librarian

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