Admission Requirements

JUPAS

Applicants with Hong Kong Diploma of Secondary Education (HKDSE) Qualification. Admission Code: JS1202

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Applicants must satisfy the University General Entrance Requirements AND the **Programme-specific Entrance Requirements:**

Attained Min. Level Min. Leve Min. Level Min. Leve Min. Leve **English Language** Chinese Citizenship and Social Development Other Subjects Mathematics Elective Elective Biology Physics Language H N 2 Admission Score formula: 2 5 i = Weighting Best 5 subjects (with weightings applied where appropriate)

Notes:

- · Other elective subjects 2 include: Business, Accounting and Financial Studies; Design and Applied Technology; Information and Communication Technology; or any I elective subject but the minimum level in Mathematics (compulsory part) needs to be \ge 3.
- Besides Category A elective subjects, Mathematics extended modules (M1/M2) and Category C-Other Language Subjects (at grade E or above) can also be used to meet the elective requirement. If students take both M1 and M2, the two modules are counted as one subject only.
- Category B-Applied Learning (ApL) Subjects are not counted as elective subjects.
- For details of the alternative Chinese Language qualifications acceptable by the University for Non-Chinese Speaking (NCS) students, please refer to the Admissions Office's website.

Admission to First-year Studies (Normative 4-year degree) Admission Code: 1202

Applicants holding a school-leaving qualification or a partially completed sub-degree qualification may apply for admission to first-year studies in BSc Chemistry.

Advanced Standings I and II

Admission Code: 1523A

Applicants holding a 13-year school-leaving qualification, an IB Diploma and GCE A-level or Bachelor's Degree may apply for admission to first-year studies in BSc Chemistry, or admission to BSc Chemistry with Advanced Standing I (non-senior year).

Applicants holding an Associate Degree, Higher Diploma or equivalent qualifications may apply for admission to first-year studies, Advanced Standing I or Advanced Standing II in BSc Chemistry.

Non-Local Qualifications

Most school-leaving qualifications accepted for university entry are recognised. Applicants whose entrance qualifications were obtained in a language other than English will need a satisfactory TOEFL score ≥ 79 (Internet-based test), an overall IELTS band score ≥ 6.5, or other acceptable English qualifications.

Mature Age Application

Mature local applicants are eligible to apply for admission to first-year studies even if they do not satisfy any of the above requirements. Mature applicants must be over the age of 25 by 1 September of the year of admission and be able to demonstrate their aptitude and suitability for study.

Our Target

This major integrates theory and practice. By focusing on the application of knowledge, it helps students to understand important scientific issues, current technologies and future challenges in light of local, regional and global needs. Most of the courses have a lab component that complements the lectures and tutorials and enables students to acquire hands-on experience in preparation for their future employment or further study.



Mode of Study: Full-time Duration of Study: 4 years Taraeted Intake: ~50 Funding Category: UGC-funded

CityU In 50°C 50 CHEM 20°C

Enquiries:

- Room B6708, Level 6, Blue Zone 0 Yeung Kin Man Academic Building (YEUNG) City University of Hong Kong Tat Chee Avenue, Kowloon Hong Kong SAR
- +852 3442 7404
- chem.enquiry@cityu.edu.hk
- https://www.cityu.edu.hk/chem/
- Connect with us on social media 0

Direct /

Non-JUPAS

Applicants who hold

HKDSE examination

Applications

qualifications other than

results such as General

Certificate of Education

Advanced Level (GCE A-level), an International

Diploma, a sub-degree

*Applicants may refer to

the Admissions Office's

website for more details

regarding the admission

arrangements and

requirements:

Baccalaureate (IB)

or an overseas

qualification.

Bachelor of Science in Chemistry 學士(化學) JUPAS Code JS1202

Department of Chemistry

香港城市大學 City University of Hong Kong

Study Level: Bachelor's Degree

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Curriculum Journey

- University's gateway education requirements
- Foundation courses in general chemistry and related laboratory skills training

- Core/elective courses in Inorganic, Organic, Physical and Analytical Chemistry
- Directed research project during summer
- Advanced elective courses in
 - Inorganic, Organic, Physical and Analytical Chemistry Local or overseas internships
 - Exchange programmes
 - - Advanced elective courses
 - Final-year research project to learn and practice on your own-choice topic

Earn 2 Degrees

Talented students can complete two degrees with an accelerated pace by selecting:

Undergraduate plus Taught Postgraduate **Degree Programme**



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Qualified students will register as undergraduate students in the first 3 years of study, continue to pursue the taught • postgraduate degree programme in the fourth year as taught postgraduate students, and receive 2 separate degrees, i.e. Bachelor of Science (BSc) and Master of Science (MSc).



Joint Bachelor's Degree Programme with the University of Manchester



CityU CHEM students are eligible for an international undergraduate experience with the Department of Chemistry at The • University of Manchester (UoM), the home of nine Chemistry Nobel prize winners. Students will spend two years at CityU and two years at UoM. Upon completion of the curriculum, they will earn two bachelor's degrees - CityU and UoM.





The University of Manchester

What You Will **Be Studying?**

Our undergraduate major, BSc in Chemistry, otters core courses called foundational topics in analytical • chemistry, inorganic chemistry, organic chemistry and physical chemistry. It also includes a wide range of electives on current and emerging areas in chemical science. Students can specialize in one of the streams to attain the necessary knowledge and skills, which can be applied in the real-life:

Comprehensive Chemistry



This stream provides students with a broad and balanced appreciation of key chemical concepts, a range of practical skills to work safely in the laboratory and the ability to apply standard methodology to the solution of problems in chemistry. It is designed as a degree accredited by the Royal Society of Chemistry (RSC).



Cosmetic Chemistry



In cooperation with the Hong Kong Society of Cosmetic Chemists, this stream provides students with a solid foundation, in-depth knowledge and professional training in the area of cosmetic chemistry. It aims to produce graduates interested in pursuing a career in the cosmetic industrv

Forensic Chemistry



This stream introduces students to the fascinating world in which chemistry is used in crime solving. It will provide an n-depth and professional training in forensic chemistry. This stream will not only prepare students for a career in forensic sciences, it is also suitable for students who are interested in other areas of applied chemistry.

GREAT

Global Research Enrichment and Technopreneurship



GREAT is a 4-Year undergraduate option introduced in 2021 2022. It aims to nurture students who are interested in pursuing a career in scientific research or starting business ventures that involve the use of new scientific discoveries and innovative technologies. After the first-year studies at College of Science, students can choose the research-oriented GREAT stream offered by the Department of Chemistry.



Scholarships

CityU offers a number of scholarships (CityU Scholarships for Hong Kong Talents) to local JUPAS entrants with excellent HKDSE results:



President's Scholarship and Hong Kong

- Tech Scholarships
- Institutional Scholarships
- Dean's Scholarships

Professional Recognition

Graduates are eligible to apply for:

Full Membership of the American Chemical Society

ACS

Chemistry for Life*

Student Membership Associate Membership of the Royal Society of Chemistry

ROYAL SOCIETY

OF CHEMISTRY



* Department of Chemistry is not involved in the membership application procedures. Students are requested to check with the above-mentioned organizations for the most updated and detailed requirements.

1 Ch Chemists	2 PS Postgraduate students in local & overseas universities	Civil Service	Education Education	Business Quality Cor Product Sa	ntrol &
7 EPO Assistant Environmental Protection Officers	8 Te Secondary School Teachers	9 TA Teaching Assistants	10 Spcialists for scientific instruments, medical & pharmaceutical products	11 Me Sales & Marketing Executives	CEC Chemical / Environmen Consultants
18 AFO Agricultural / Fisheries / Forestry Officers	19 EO Executive Officers	20 Tech Technical Staff of Tertiary Institutions	21 RA Research Assistants	22 Ma Managers	EA Environmen Auditors

Enhancing Your Learning

On top of the academic curriculum, we will take you out of the classroom, to a multitude of enrichment activities ranging from short events such as company visits, career talks and seminars by distinguished speakers, to research placement, local overseas internships and exchange programmes that can last up to a year. These activities will develop your critical thinking and communication skills, enhance your depth of knowledge, and let you see the world!

Learning Campus Internship Scheme (CIS)

On-campus

- Summer Research

Global **Exposure**

- Programme

Internship Placement

Full Membership of the Chemical Institute

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Chemical Institute of Canada | For Our Future Institut de chimie du Canada | Pour notre aven

Membership of the Canadian Society for Chemistrv

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