This major aims to provide students with a firm foundation in chemical sciences with a focus on analytical chemistry, environmental chemistry, inorganic chemistry, organic chemistry, and physical chemistry. It puts strong emphasis on discovery-enriched curriculum, out-of-classroom activities, and independent learning. It is designed to train and produce graduates who are able to pursue a developing career in local and regional industrial, commercial, government, education, and research sectors.
Admission Requirements (For JUPAS with HKDSE qualification)

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

- English Language: 3
- Chinese Language: 3
- Maths: 2
- Liberal Studies: 2
- Elective 1: 3
- *Elective 2: 3

**Weighting:**

1 Year = Weight x 1 in calculation of admission score.

**Elective 1 subject:**
- Chemistry
- Combined Science (Chemistry and Physics/Biology)

**Elective 2 subject:**
- Biology
- Chemistry
- Physics
- Science (Combined or Integrated)
- Business, Accounting and Financial Studies
  (Accounting or Business Management)
- Design and Applied Technology
- Information and Communication Technology

*Elective 2 can be any elective subject but the minimum level in Mathematics needs to be at least 3.

**Curriculum Journey to BSc in Chemistry**

- University’s gateway education requirements
- Foundation courses in general Chemistry and related laboratory skills training
- Core/elective courses in Analytical, Inorganic, Organic and Physical Chemistry
- Directed research project during summer
- Advanced elective courses in Physical, Organic, Inorganic 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
Non-Local Qualifications or Mature Age Applications

Most school-leaving qualifications acceptable for university entry are recognized. Applicants whose entrance qualification is obtained in a language other than English will need a satisfactory score in TOEFL [550 (paper-based test) or 79 (internet-based test)], an IELTS (overall band score of 6.5), or other acceptable English qualifications. 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.

Admission Arrangements for Direct/Non-JUPAS Applicants

Applicants holding a 12-year school-leaving qualification or a partially completed sub-degree qualification may apply for admission to first-year studies in BSc Chemistry. Applicants holding a 13-year school-leaving qualification, [an International Baccalaureate (IB) Diploma and General Certificate of Education Advanced Level (GCEAL)] or degree transfer students may apply for admission to first-year studies in BSc Chemistry, or admission to BSc Chemistry with Advanced Standing I (non-senior-year).

* More information can be found at the Admissions Office’s website: http://admo.cityu.edu.hk/direct
Deadline of application is 31 January 2020 and interviews will be held in March 2020.

Proactive Enhancement of Student Learning

- Overseas Studying Opportunities
  - Student Exchange Programme
  - Study Tours

- On-campus Learning Opportunities
  - Campus Internship Scheme (CIS)
  - Campus Work Scheme (CWS)
  - Summer Research Scholarship Scheme
  - Student Mentoring Scheme

- Internship/Placement Opportunities
  - Industrial Attachment Scheme (IAS)
  - Overseas Internship Scheme (OIS)
  - Summer Research Placement Scheme
**Common Q & A**

**Q :** I've got a Level 5* in Chemistry in HKDSE. Will this grade be double-counted?

**Yes!**
We weigh double for Chemistry and English Language. We also weigh 1.5-fold for Mathematics and other Science electives like Physics or Biology.

**Q :** What's the Average HKDSE (4C+2X) score point of students admitted to BSc Chemistry programme in 2018/19?

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**Q :** I took both M1 and M2 as my electives. How will these subjects be counted?

We count both M1 and M2 as one elective subject with standard weighting in calculation.

**Q :** Is it difficult to be admitted to BSc Chemistry programme?

Yes or No.
We admit 1 student out of 42.4 applicants in 2018/19.