

Curriculum 課程內容

Core Courses 核心課程

Analytical Process and Applied Statistics
分析過程與應用統計學

Applied Spectroscopy
應用光譜學

Atomic Spectrometry
原子光譜學

Chemical Instrumentation
化學儀器分析

Laboratory Management
實驗室管理

Separation Science
分離分析學

Advanced Analytical Laboratories
先進分析實驗課

MSc Dissertation Project
學位論文

Seminars
講座

Elective Courses 選修課程

Biomedical Analysis
生物醫學分析

Environmental Analysis
環境分析

Food Nutrient Analysis
食品營養成分分析

Food Safety Analysis
食品安全分析

Forensic Analysis
法證鑑定

Nanomaterial Analysis
納米材料分析

Pharmaceutical Analysis
藥物分析

Sample Pretreatment Methods
樣品處理方法

Surface Analysis
表面分析



Mode of Operation 修課模式

Full-time: 1 year Lectures in 4-5 evenings per week
Lab work on weekday morning and afternoon

Part-time: 2 years Lectures in 2-3 evenings per week
Lab work on Saturday morning and afternoon

Tuition Fee: HK\$160,000 (local students); HK\$170,000 (non-local students)

全日制: 1年 每星期共4-5個晚上理論課
星期一至五上下午實驗課和專題研習

兼讀制: 2年 每星期共2-3個晚上理論課
星期六上下午實驗課和專題研習

學費: 港幣16萬 (本地學生) : 港幣17萬 (非本地學生)

Entrance Requirements 入學要求

B.Sc. (Hons). degree in Chemistry or in other Physical and Life Sciences or equivalent; and English proficiency is required.

化學或其他相關理學學士學位或同等學歷：申請人亦需達到特定的英語水平。

Entrance Details 入學細節



Scholarships 奬學金

Hong Kong Future Talents Scholarship Scheme for Advanced Studies (Government-funded programme)
香港未來人才深造獎學金計劃 (政府資助計劃)

- For outstanding local students with a scholarship amount of HK\$100,000
- 成績優異的本地學生有機會獲得港幣100,000的獎學金

Prof. Huie, Carmen Wah-Kit Memorial Scholarship & Overseas Scholarship

- For full-time students with good entrance academic qualification

Merit Award

- For students with good academic performance in the study

Exchange Scholarship

- For students participating in the exchange study

- 本科成績優秀的全日制學生可於入學時獲得“許華傑教授紀念獎學金”或“海外獎學金”

- 在課程學習中表現傑出的同學可獲得“學習優秀獎學金”

- 在課程學習中參與交換生計劃的同學可獲得“交換生獎學金”

Exchange Opportunities 交換生計劃

This programme has been collaborating with the European School of Chemistry, Polymers and Materials Science (ECPM) at the University of Strasbourg. Students can study abroad in France for 1 semester to gain international exposure and cross-cultural learning experience.

This programme has been accredited by the Royal Society of Chemistry. Students can take part in the 6-10 week research placement at an accredited university in the United Kingdom or Ireland to gain overseas research experience.

此課程與斯特拉斯堡大學的歐洲化學、聚合物與材料學院 (ECPM) 合作，同學可在法國留學1個學期，獲得國際視野和跨文化學習經驗。

此課程獲得英國皇家化學協會(RSC)認證，同學可在英國或愛爾蘭參與一個為期6-10個星期的研究實習，獲得海外研習經驗。



Professional Certification 專業認證

This programme has been recognized by the Hong Kong Association for Testing, Inspection, and Certification (HKTIC). It is the first MSc programme recognized by HKTIC thus far. Graduates with 1 year work experience are eligible to apply for Certified Testing Professional (CTP) in Chemical Testing which is a widely recognized professional status by the local testing laboratories, companies, and industries within the field. Graduates will be exempted from all additional written examinations, but merely attend a professional interview for certification.

This programme has also been accredited by the Royal Society of Chemistry (RSC). It is the first MSc programme and is one of the eleven MSc programmes in Analytical Sciences accredited in Hong Kong and worldwide, respectively. Graduates fully satisfy the academic requirement for the award of Chartered Chemist (CChem). It is a professional status that is internationally recognized within the field of chemical sciences.

此課程是全港首個獲香港測驗認證協會(HKTIC)認可的碩士課程。畢業生只需要1年相關工作經驗，即合資格申請化學測試檢測專業人員認證(CTP)。此認證廣獲行內化驗所、公司和企業認可。畢業生更獲豁免筆試，只需參加專業面試便能獲取認證。

此課程是全港首個及唯一獲英國皇家化學協會 (RSC) 認證的碩士課程，亦是全球11個獲認證的分析化學碩士課程之一。畢業生即滿足了申請特許化驗師(CChem)的學術要求。此專業資格在化學科學領域得到國際認可。

Disclaimer: The awards of CTP and CChem are subject to the respective awarding bodies HKTIC and RSC, respectively.



 香港浸會大學
HONG KONG BAPTIST UNIVERSITY

 DEPARTMENT
of
CHEMISTRY

分析化學理學碩士

MSc in ANALYTICAL CHEMISTRY



ACCREDITED
DEGREE



Introduction 課程簡介

With a growing demand in the professional requirements of people engaged in the Testing and Certification industry, since 1992, the Chemistry Department at Hong Kong Baptist University has been offering a popular and successful taught MSc programme in Analytical Chemistry to provide training relevant to the needs of public and industrial laboratories as well as research organizations.

This programme has the longest history and experience in Hong Kong and Asia-Pacific region. By a combination of taught courses, structured laboratory works, and supervised research, graduates gain in-depth knowledge of the theoretical principles of modern physico-chemical techniques of chemical analysis and are able to apply their knowledge critically to solve real-world analytical problems.

隨著社會對從事檢測和認證行業人士的專業要求不斷提高，香港浸會大學化學系於1992年開始一直開辦一個授課式的分析化學理學碩士課程，為公營及私營化驗所、工業實驗室和科研機構等培訓分析化學專業人材。

此課程是香港和亞太地區中歷史最悠久的同類課程，結合理論學習、實驗課和專題研習，讓同學能深入掌握現代化學分析方法的原理，同時能將這些知識應用去解決實際工作上的問題。



Programme Website
課程網址



Enquiries 查詢

For admission and application, contact TPG Admissions
有關入學申請的查詢，請聯繫大學教務處授課型研究生招生組

Email 電郵: hkbu_tpg@hkbu.edu.hk

Website 網址: <http://ar.hkbu.edu.hk/tpg-admissions/programmes>

For programme information, contact Department of Chemistry
有關課程的查詢，請聯繫化學系

Tel 電話: (852) 3411 2407

Email 電郵: analchem@hkbu.edu.hk

Website 網址: <http://chem.hkbu.edu.hk/msc/>