|III| Curriculum 课程内容

Core Courses

Analytical Process and Applied Statistics 分析过程与应用统计学

Applied Spectroscopy 应用光谱学

Atomic Spectrometry 原子光谱学

Chemical Instrumentation 化学仪器分析

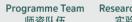
Laboratory Management 实验室管理

Separation Science 分离分析学

Advanced Analytical Laboratories 先进分析实验课

MSc Dissertation Project 学位论文

Seminars 讲座



师资队伍





Biomedical Analysis 生物医学分析

Environmental Analysis 环境分析

Food Nutrient Analysis 食品营养成分分析

Food Safety Analysis 食品安全分析

Forensic Analysis 法证鉴定

Mass Spectrometric Analysis 质谱分析法

Nanomaterial Analysis 纳米材料分析

Pharmaceutical Analysis 药物分析

Nanomaterial Analysis 纳米材料分析

Pharmaceutical Analysis 药物分析

Sample Pretreatment Methods 样品处理方法

Sample Pretreatment Methods 样品处理方法

Surface Analysis 表面分析

Surface Analysis 表面分析









Mode of Operation 修课模式

- Full-time: 1 year Lectures in 4 evenings per week Lab work on weekday morning and afternoon
- Part-time: 2 years Lectures in 2 evenings per week Lab work on Saturday morning and afternoon

Tuition Fee: HK\$140,000 (local students); HK\$150,000 (non-local students)

Scholarship: "Prof. Huie, Carmen Wah-Kit Memorial Scholarship" & "Overseas Scholarship" - for full-time students with good entrance academic gualification "Merit Award" - for students with good academic performance in the study "Exchange Scholarship" - for students participating in the exchange study

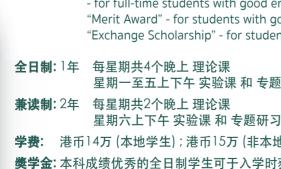
- 星期一至五上下午 实验课 和 专题研习 兼读制:2年 每星期共2个晚上 理论课
- 学费: 港币14万 (本地学生);港币15万 (非本地学生)

獎学金:本科成绩优秀的全日制学生可于入学时获得 "许华杰教授纪念奬学金"或"海外奖学金" 在课程学习中表现杰出的同学可获得"学习优秀奖" 在课程学习中参与交换生计画的同学可获得"交换生奖学金"



B.Sc. (Hons). degree in Chemistry or in other Physical and Life Sciences or equivalent; and English proficiency is required. 化学 或 其他相关 理学学士学位 或 同等学历;申请人亦需达到 特定的英语水平。 **Entrance Details** 入学细节 sti 🗉







Exchange Opportunities 交换生计划

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.

此课程与斯特拉斯堡大学的欧洲化学、聚合物与材料学院 (ECPM)合作,同学可在法国留学1个学期,获得国际视野和跨文 化学习经验。

此课程获得英国皇家化学协会 (RSC) 认证, 同学可在英国或爱尔 兰参与一个为期6-10个星期的研究实习,获得海外研习经验。

6 Professional Certification 专业认证

This programme has been recognized by the Hong Kong Association for Testing, Inspection, and Certification (HKTIC). It is the first & only MSc programme recognized by HKTIC thus far. Graduates with 1 year work experience are eligible to applu 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 & only 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.

此课程是全港首个及唯一获香港测检认证协会 (HKTIC) 认可的硕士课 程。毕业生只需要1年相关工作经验,即合资格申请化学测试检测专 业人员认证(CTP)。此认证广获行内化验所、公司和企业认可。毕业 生更获豁免笔试,只需参加专业面试便能获取认证。

此课程是全港首个及唯一获英国皇家化学协会(RSC)认证的硕士课 程,亦是全球11个获认证的分析化学硕士课程之一。毕业生即满足 了申请特许化验师 (CChem) 的学术要求 。此专业资格在化学科学 领域得到国际认可。

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

S Words from Our Alumni 校友心声

"I really enjoy my study life as all the "This MSc programme provides "I have learnt a lot about is useful and practical that I can now at work."

teachers are attentive and willing to various opportunities for hands-on help students. This MSc programme experience in operating many different instruments, so I am apply the knowledge and skills learnt already familiar with the instruments as I continue my further studies."

Issac Song (2019) (Associate Chemist, UL) Meek Yang (2019) (PhD student, Georgia State University)

"This MSc programme is very useful as "In this MSc programme, I have

it covers theories and practical exercises of different analytical techniques."

Eva Lam (2020) (Laboratory Technician, Water Supplies Department)

gained various practical knowledge from the laboratory classes and the dissertation project. Those experience has made us capable to work independently in the future."

Toby Liu (2022) (Assistant Quality Control Chemist, Europharm Laboratories (Hong Kong) Co., Ltd.)

"Honored with a title of being a student of this master's degree, I have been granted an edge over other competitors in the industry. The analytical skills, the techniques in operating various testing instruments along with the knowledge of air pollutants equipped by this MSc programme have also strengthened my capability and made me advance in working performance."

and

spectrometry in this programme,

from sample preparation to analysis,

which is very useful and helps me a

(Associate Medical Technologist,

mass

Corrine Au (2022) (Museum Research Assistant, **Conservation Office**)

Enquiries 查询

the Graduate School

Tel 电话: (852) 3411 5127

Department of Chemistry

Tel 电话: (852) 3411 2407

有关课程的查询, 请联系化学系

Email 电邮: analchem@hkbu.edu.hk

chromatography

lot in my workplace."

Julia Chan (2020)

Hospital Authority)

Website 网址: http://chem.hkbu.edu.hk/msc/

For admission and application, contact

有关入学申请的查询,请联系大学研究院

Email 电邮: hkbu_tpg@hkbu.edu.hk

Website 网址: http://gs.hkbu.edu.hk/

For programme information, contact

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分析化學理學碩士 MSe in **ANALYTICAL CHEMISTRY**



Introduction 课程简介

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 analutical problems.

随著社会对从事检测和认证行业人士的专业要求不断提高,香港 浸会大学化学系于1992年开始一直开办一个修课式的分析化学 理科硕士课程,为公营及私营化检所、工业实验室和科研机构等 培训分析化学专业人材。

此课程是香港和亚太地区中历史最悠久的同类课程,结合理论学 习、实验课和专题研习,让同学能深入掌握现代化学分析方法的 原理,同时能将这些知识应用去解决实际工作上的问题。



ACCREDITED

DEGREE









Programme Website 课程网址

