

# Department of Chemistry

Faculty of Science  
The University of Hong Kong

BSc. Chemistry Major (96 credits)  
BSc. Intensive Chemistry Major (144 credits)





The background of the slide is a blurred photograph of a graduation ceremony. Numerous graduates are visible, wearing black academic caps and gowns with red tassels. The focus is soft, with the graduates in the foreground and background appearing out of focus, creating a sense of a large gathering.

# HKU Chemistry Department (established in 1939)

*Many HKU chemistry graduates  
have become influential leaders in  
society!*

# Chemistry Alumni: Leaders in Society



**Prof. POON, Chung-Kwong**  
President Emeritus of HK  
PolyU(1991-2008)



**Prof. CHENG, Kin Fai**  
Emeritus College Principal of  
HKU SPACE Community College;  
Former Dean of Science, HKU



**Dr. the Hon FAN HSU, Rita Lai-Tai**  
President of the Legislative Council,  
HKSAR (1997 – 2008)



**Ms. LEE, Oi Lin**  
Former Deputy Executive  
Director of VTC



**Dr. POON, Patrick  
Sun-Cheong**  
Chairman of Harvest SCP  
Group Company Limited



**Dr. LEUNG, Wing Tai**  
President of Lumina College;  
Ministry Advisor of Breakthrough



**Mr. CHAN Wing Luk**  
Financial Commentator



**Dr. CHUNG, Margaret Wai Ling**  
Director and Biomedicine  
Consultant, Amazing Grace  
Holistic Health Care Center



**Prof. CHE, Chi-Ming**  
Zhou Guangzhao Professor in Natural  
Sciences; Member of the Chinese Academy  
of Sciences; Foreign Associate of the US  
National Academy of Sciences



**Prof. YAM, Vivian Wing-Wah**  
Philip Wong Wilson Wong Professor in  
Chemistry and Energy; Member of the  
Chinese Academy of Sciences; Foreign  
Associate of the US National Academy of  
Sciences



**Dr. CHAN WONG, Anissa Lai Kuen**  
Principal of St Paul's Co-educational  
College (2004 – 2017)



<https://www.scifac.hku.hk/alumni/science-family>



# Dedicated Team of Chemistry Teachers



Prof. H Y Au-Yeung



Prof. C M Che



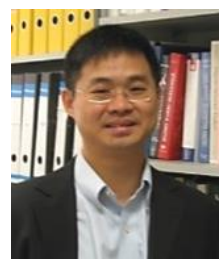
Prof. G H Chen



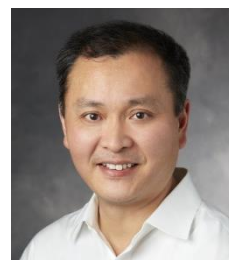
Prof. A X Y Chen



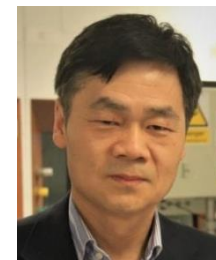
Prof. P. Chiu



Prof. I K Chu



Prof. H J Dai



Prof. Z X Guo



Prof. J He



Prof. Z X Huang



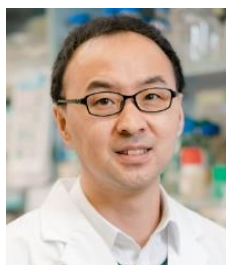
Prof. H B Jiang



Prof. S K Lee



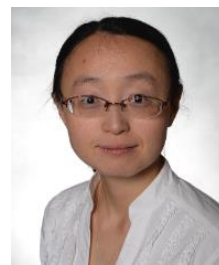
Prof. X Li



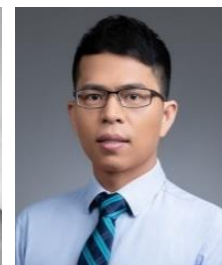
Prof. X C Li



Prof. X Y Li



Prof. Y Li



Prof. Y X Li



Prof. J Z Liu



Dr. K K H Ng



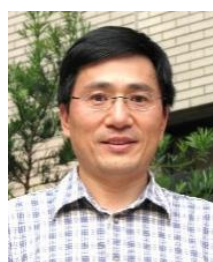
Prof. K. Okuro



Prof. D L Phillips



Prof. Sir Stoddart



Prof. H Z Sun



Prof. J Y Tang



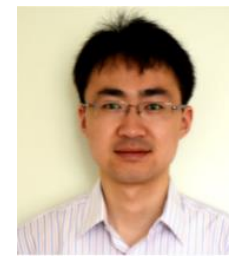
Prof. A P L Tong



Prof. P H Toy



Prof. E C M Tse



Prof. Y F Wang



Prof. V W W Yam



Prof. J Yang



Dr. A M Y Yuen



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# HKU Chemistry is a Research-active Department

## Research funds:

**Health@InnoHK Programme** - The Laboratory for Synthetic Chemistry and Chemical Biology  
**Project Leader: Prof. Che-Ming Che**

**AIR@InnoHK Programme** - The Centre of Machine Learning for Energy Materials and Devices **Project Leader: Prof. Guanhua Chen**

**Areas of Excellence (AoE) Programme** - Institute of Molecular Functional Materials  
**Project Leader: Prof. V W W Yam**

**NSFC/RGC Joint Research Scheme**  
Discovery of Novel Molecular Glue Molecules by Using DNA-encoded Chemical Libraries (DELs)  
**Project Leader: Professor Xiaoyu Li**

**Innovation and Technology Commission's RAISE+ Scheme**- Innovative Molecular Emitters for Practical OLEDs and Wearable Devices  
**Project Leader: Prof. Che-Ming Che**  
Transformative Proprietary Gold(III) Luminescent Materials for Innovative Applications  
**Project Leader: Prof. V W W Yam**

<https://chemistry.hku.hk/research/areas/>



# HKU Chemistry Earns Internationally Acclaimed Awards



Professor Hongzhe SUN receives the Royal Society of Chemistry's Dalton Horizon Prize



Prof. Jinyao TANG receives BOCHK Science and Technology Innovation Prize in New Materials and New Energy



Prof. Xuechen LI receives Innovation Award for Exceptional Contributions in Peptide Synthesis and Peptide Drug Development



Professor Xiang David LI receives the Tetrahedron Young Investigator Award (Bioorganic and Medicinal Chemistry)



Professor Vivian YAM awarded the Bailar Medal

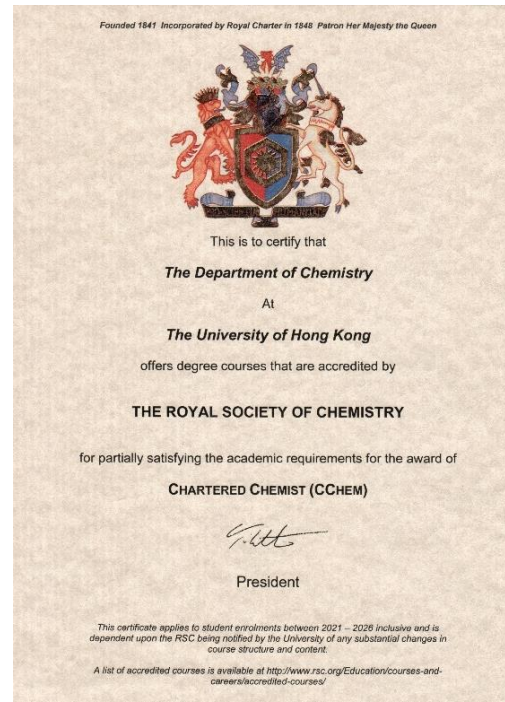


PhD Student Dengping LYU selected as Schmidt Science Fellow 2024 Pioneering Intelligent Materials Engineering

# 2 Choices for the Chemistry Major Curriculum

- **Major in Chemistry(96 credits)**
  - Organic, Inorganic, Physical and Analytical Chemistry
  - Interdisciplinary Elective Courses
- **Intensive Major in Chemistry (144 credits)**

*First accredited by RSC in 2015;  
Re-accredited in Mar 2021*



Chem Major

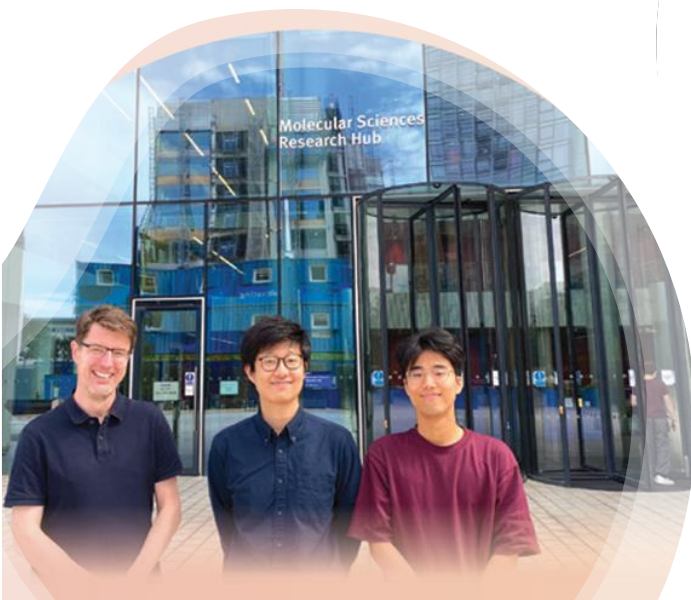
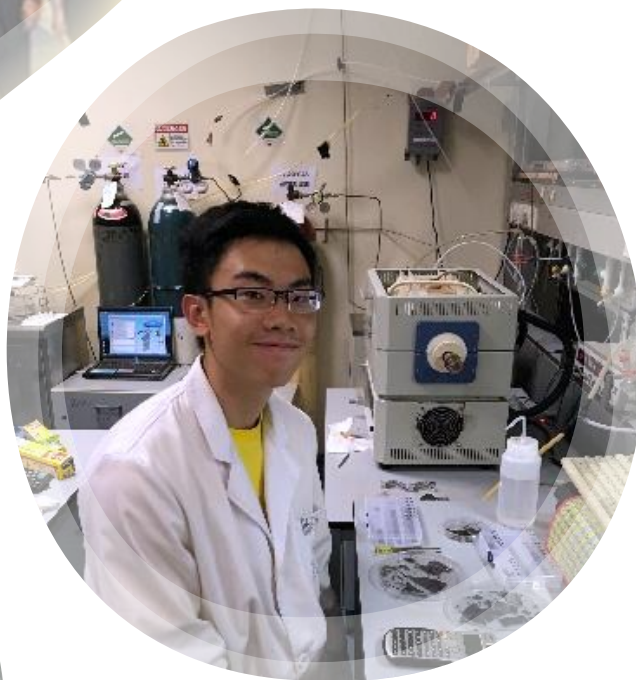
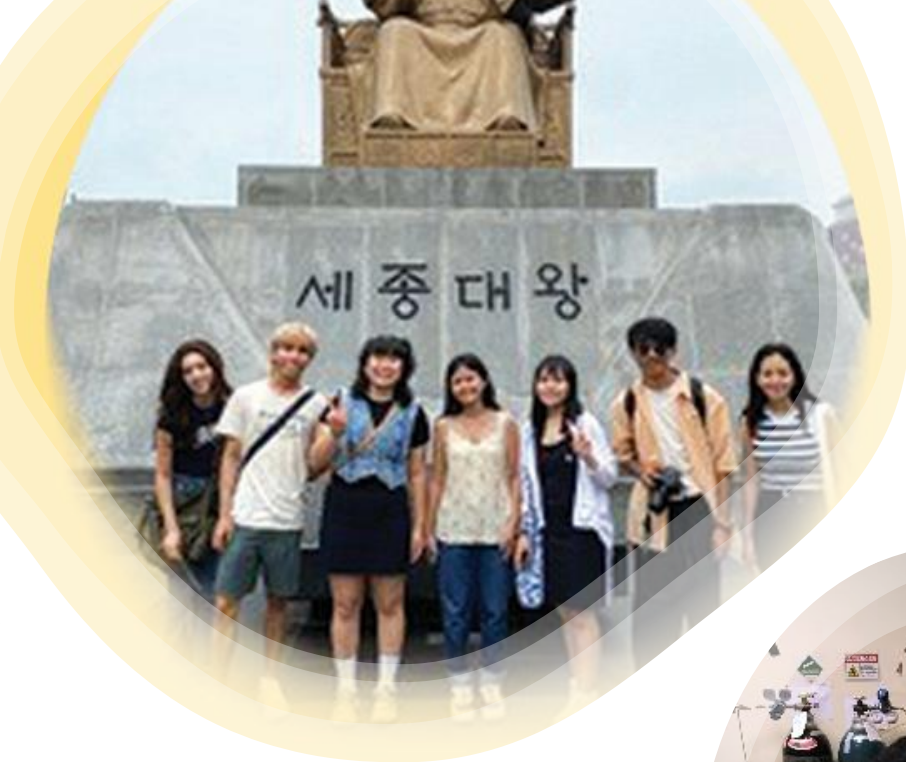


Chem Intensive Major





# Diverse Learning Experiences For Chemistry Students



- Summer Research Opportunity at Imperial College London
- Professional Development for Chemistry Majors at Yonsei University in South Korea
- Exchange Studies at National University of Singapore (For Chemistry Major Students only)
- Exchanges Studies at UC Berkeley, Pembroke College, University of Cambridge ... (HKU Worldwide Student Exchange)
- Chemistry Internship
- Undergraduate Research

[https://chemistry.hku.hk/current\\_students/opportunities/](https://chemistry.hku.hk/current_students/opportunities/)





# Career Prospects for Chemistry Graduates in Different Sectors

*Studying Chemistry is an excellent way to develop one's intellect*

