

# **HKUSI CHEM1966 Chemistry Summer School**

## **2025 Course Outline**

The **Chemistry Summer School CHEM1966** is an engaging and dynamic programme designed for talented young scientists. Hosted by the Department of Chemistry, University of Hong Kong, this summer school aims to deepen students' understanding of the profound connections between chemistry and everyday life.

### **Programme Highlights:**

- **Inspiring Lectures:** Explore topics such as the chemistry of light and colors, and the discovery of antibiotics from nature.
- **Hands-On Experiments:** Conduct experiments related to the synthesis and characterization of drugs and materials.
- **Interactive Discussions:** Participate in discussions that highlight the practical applications of chemistry in our daily lives.
- **Laboratory Sessions:** Gain practical experience in a laboratory setting, enhancing your understanding of chemical processes and techniques.

This immersive experience not only ignites students' interest in chemistry but also provides a platform to explore how chemistry impacts materials and drug developments, shaping our world.

### **Learning Outcomes**

- Appreciate the role of chemistry in daily life;
- Learn the exciting chemistry of colours and light through hands-on activities;
- Discover the development of antibiotics and drug discovery;
- Conduct chemistry experiments related to the synthesis and characterization of drugs and materials.

### **Programme Content:**

- Lectures: 9:30 am - 1:00 pm
- Lab Session: 9:30 am – 1:00 pm (AM subclass) or 2:00-5:30 pm (PM subclass)

**\*For enrolment greater than 50 students, the students will be separated into AM or PM subclass for the lab sessions.**

**Programme Fee: \$7500**

**Schedule:**

✧ The contents for CHEM1966A and CHEM1966B are the same.

✧ Students can enroll in either one of the classes

	<b>Monday</b>	<b>Tuesday</b>	<b>Wednesday</b>	<b>Thursday</b>	<b>Friday</b>
<b>CHEM1966 A</b>	<b>21 July</b> Lecture: 9:30 am - 1:00 pm	<b>22 July</b> Lab Session: 9:30 am – 1:00 pm (AM session) <b>or</b> 2:00-5:30 pm (PM session)	<b>23 July</b> Lab Session: 9:30 am – 1:00 pm (AM session) <b>or</b> 2:00-5:30 pm (PM session)	<b>24 July</b> Lab Session: 9:30 am – 1:00 pm (AM session) <b>or</b> 2:00-5:30 pm (PM session)	<b>25 July</b> Lecture & Closing Ceremony 9:30 am - 1:00 pm
<b>CHEM1966 B</b>	<b>28 July</b> Lecture: 9:30 am - 1:00 pm	<b>29 July</b> Lab Session: 9:30 am – 1:00 pm (AM session) <b>or</b> 2:00-5:30 pm (PM session)	<b>30 July</b> Lab Session: 9:30 am – 1:00 pm (AM session) <b>or</b> 2:00-5:30 pm (PM session)	<b>31 July</b> Lab Session: 9:30 am – 1:00 pm (AM session) <b>or</b> 2:00-5:30 pm (PM session)	<b>1 Aug</b> Lecture & Closing Ceremony 9:30 am - 1:00 pm