

COURSE DETAIL

GREAT IDEAS IN CHEMISTRY

Country

Hong Kong

Host Institution

Hong Kong University of Science and Technology (HKUST)

Program(s)

Hong Kong University of Science and Technology

UCEAP Course Level

Upper Division

UCEAP Subject Area(s)

Chemistry

UCEAP Course Number

118

UCEAP Course Suffix**UCEAP Official Title**

GREAT IDEAS IN CHEMISTRY

UCEAP Transcript Title

GREAT IDEAS IN CHEM

UCEAP Quarter Units

4.50

UCEAP Semester Units

3.00

Course Description

The course covers major advances, historical developments and contemporary applications of critical concepts in Chemistry. These may range from atomic theory and identification and arrangement of the elements to modern problems such as CO₂ and global warming, pollution, and environmental clean-up. It focuses on the background to our knowledge, on what experimental evidence our current theories are based, and how old ones were overturned or modified. For science students in their third or fourth year of study under the four-year degree only. Other students with the prerequisites may seek instructor's approval for enrollment in the course.

Language(s) of Instruction

English

Host Institution Course Number

CHEM 3010

Host Institution Course Title

GREAT IDEAS IN CHEMISTRY

Host Institution Course Details

<https://prog-crs.hkust.edu.hk/ugcourse/2025-26/search?keyword=CHEM%203010>

Host Institution Campus

Host Institution Faculty

Host Institution Degree

Host Institution Department

Chemistry

Course Last Reviewed

2025-2026

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