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+3010

Host Institution Campus

Host Institution Faculty

Host Institution Degree

Host Institution Department
Chemistry

Course Last Reviewed
2025-2026

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