COURSE DETAIL

ORGANIC CHEMISTRY

Country
Hong Kong

Host Institution
University of Hong Kong

Program(s)
University of Hong Kong

UCEAP Course Level
Upper Division

UCEAP Subject Area(s)
Chemistry

UCEAP Course Number
134

UCEAP Course Suffix
B

UCEAP Official Title
ORGANIC CHEMISTRY

UCEAP Transcript Title
ORGANIC CHEMISTRY

UCEAP Quarter Units
5.00

UCEAP Semester Units

3.30

Course Description

This course provides a solid foundation of organic chemistry. It focuses primarily on the basic principles to understand the structure and reactivity of organic molecules, with examples illustrating the role of organic chemistry in daily life and industry. Topics: chemistry of common organic functional groups: ketones and aldehydes; carboxylic acids and their derivatives; amines; aromatic compounds. Principles of organic synthesis. Detailed considerations of reaction mechanisms. Spectroscopic tools (UV-Vis, IR, NMR, and MS) for characterization and identification of organic compounds.

Language(s) of Instruction
English

Host Institution Course Number
CHEM3441

Host Institution Course Title
ORGANIC CHEMISTRY II

Host Institution Course Details
http://webapp.science.hku.hk/sr3/servlet/enquiry?Type=Course&course_code=CHEM34...

Host Institution Campus
Science

Host Institution Faculty

Host Institution Degree

Host Institution Department
Chemistry

Course Last Reviewed

2023-2024

Print