

COURSE DETAIL

ORGANIC CHEMISTRY II

Country

Korea, South

Host Institution

Yonsei University

Program(s)

Yonsei University

UCEAP Course Level

Upper Division

UCEAP Subject Area(s)

Chemistry Biochemistry

UCEAP Course Number

105

UCEAP Course Suffix**UCEAP Official Title**

ORGANIC CHEMISTRY II

UCEAP Transcript Title

ORGANIC CHEM II

UCEAP Quarter Units

4.50

UCEAP Semester Units

3.00

Course Description

This course provides a study of organic chemical structures, including the uses and characteristics of absorption of electromagnetic energy by organic molecules to aid in structure determination. The organic molecular families covered include organometallics, diols, thiols, ethers, epoxides, sulfides, aldehydes, ketones, carboxylic acids, enols, and enolates. The reaction mechanisms covered include electrophilic and nucleophilic aromatic substitution, nucleophilic addition, and nucleophilic acyl substitution. Text: Carey, ORGANIC CHEMISTRY. Assessment: Attendance (10%), Participation (10%), Midterm (40%), Final (40%). Prerequisites: General Chemistry, Organic Chemistry 1

Language(s) of Instruction

English

Host Institution Course Number

BTE2201

Host Institution Course Title

ORGANIC CHEMISTRY II

Host Institution Campus

Host Institution Faculty

Host Institution Degree

Host Institution Department

Biotechnology

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