

# COURSE DETAIL

## ORGANIC CHEMISTRY

**Country**

Japan

**Host Institution**

Tohoku University

**Program(s)**

Engineering and Science

**UCEAP Course Level**

Upper Division

**UCEAP Subject Area(s)**

Chemistry

**UCEAP Course Number**

102

**UCEAP Course Suffix****UCEAP Official Title**

ORGANIC CHEMISTRY

**UCEAP Transcript Title**

ORGANIC CHEMISTRY

**UCEAP Quarter Units**

3.00

**UCEAP Semester Units**

2.00

## **Course Description**

This course covers the fundamentals of chemical structure and bonding, organic compounds, stereochemistry, organic reactions, and molecular orbitals for organic molecules. The goal of this class is to understand the basics of chemical reactions and be able to apply them to typical organic reactions. In this course, students learn the structure and physical properties of organic molecules using a molecular modeling program on a computer system. Text: Organic Chemistry, 8th ed., by John McMurry.

## **Language(s) of Instruction**

English

## **Host Institution Course Number**

VJ214F74

## **Host Institution Course Title**

ORGANIC CHEMISTRY

## **Host Institution Course Details**

### **Host Institution Campus**

Tohoku University

### **Host Institution Faculty**

### **Host Institution Degree**

### **Host Institution Department**

JYPE

## **Course Last Reviewed**

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