

# COURSE DETAIL

## ORGANIC CHEMISTRY: EXPLORING CHEMICAL STRUCTURE AND APPLIED LABORATORY TECHNIQUES

**Country**

United Kingdom - England

**Host Institution**

University of Sussex

**Program(s)**

Summer in Sussex

**UCEAP Course Level**

Lower Division

**UCEAP Subject Area(s)**

Chemistry

**UCEAP Course Number**

12

**UCEAP Course Suffix**

S

**UCEAP Official Title**

ORGANIC CHEMISTRY: EXPLORING CHEMICAL STRUCTURE AND APPLIED LABORATORY TECHNIQUES

**UCEAP Transcript Title**

ORGANIC CHEMISTRY

**UCEAP Quarter Units**

6.00

## **UCEAP Semester Units**

4.00

### **Course Description**

This course develops fundamental laboratory skills: thin layer chromatography; reflux; distillation; vacuum filtration; determination of melting point; recrystallisation; solvent extraction; rotary evaporation; Soxhlet extraction. Lectures give a core understanding in three main chemical themes: nomenclature, isomerism, and reaction mechanisms. Students participate in workshops focused on lecture content and general academic skills, additionally participating in a collaborative group poster presentation, refining important employability skills.

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

English

### **Host Institution Course Number**

IS418

### **Host Institution Course Title**

ORGANIC CHEMISTRY: EXPLORING CHEMICAL STRUCTURE AND APPLIED LABORATORY TECHNIQUES

### **Host Institution Course Details**

<https://www.sussex.ac.uk/study/study-abroad-at-sussex/our-programs/summer-school...>

### **Host Institution Campus**

University of Sussex

### **Host Institution Faculty**

Life Sciences

### **Host Institution Degree**

### **Host Institution Department**

**Course Last Reviewed**

2025-2026

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