

## 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 Campus**

University of Sussex

**Host Institution Faculty**

Life Sciences

**Host Institution Degree****Host Institution Department**[Print](#)