

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](#)