

# COURSE DETAIL

## STRUCTURES AND FUNCTIONS OF PROTEINS 3

**Country**

United Kingdom - Scotland

**Host Institution**

University of Edinburgh

**Program(s)**

University of Edinburgh

**UCEAP Course Level**

Upper Division

**UCEAP Subject Area(s)**

Biological Sciences Biochemistry

**UCEAP Course Number**

146

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

STRUCTURES AND FUNCTIONS OF PROTEINS 3

**UCEAP Transcript Title**

STRUC&FUNC/PROTEINS

**UCEAP Quarter Units**

8.00

**UCEAP Semester Units**

5.30

## Course Description

This course describe the structures of biological macromolecules, particularly proteins, in relation to their functions in catalysis, ligand binding, membrane transport, and ability to form and function as complexes, and to illustrate the types of experimental techniques used to study macromolecular structure and function. It develops personal skills appropriate to a third-year biological science student, including competence in a range of laboratory techniques; the ability to analyze scientific papers; familiarity with the use of libraries and databases; the ability to present the results of experimental work concisely and accurately, both numerically and in writing, and to write about biochemical and molecular biological topics in a clear and well-organized manner.

### Language(s) of Instruction

English

### Host Institution Course Number

BILG09015

### Host Institution Course Title

STRUCTURES AND FUNCTIONS OF PROTEINS 3

### Host Institution Campus

### Host Institution Faculty

School of Biological Sciences

### Host Institution Degree

### Host Institution Department

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