

# COURSE DETAIL

## GENOMES AND GENOMICS 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

**UCEAP Course Number**

128

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

GENOMES AND GENOMICS 3

**UCEAP Transcript Title**

GENOMES&GENOMICS 3

**UCEAP Quarter Units**

8.00

**UCEAP Semester Units**

5.30

## Course Description

In this course, students review the development and prospects for genomic analysis. There are three components to the course: a lecture series, computer based bioinformatics workshops, and a practical. In the lectures, through the presentation of key genomes, both prokaryotic and eukaryotic, students consider the structure, function, and evolution of genomes. They then look at tools, both experimental and statistical, to further their knowledge of genes and their functions.

### Language(s) of Instruction

English

### Host Institution Course Number

BILG09005

### Host Institution Course Title

GENOMES AND GENOMICS 3

### Host Institution Campus

Edinburgh

### Host Institution Faculty

### Host Institution Degree

### Host Institution Department

School Of Biological Sciences

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