

# COURSE DETAIL

## THE MICROBIAL WORLD

**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**

143

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

THE MICROBIAL WORLD

**UCEAP Transcript Title**

THE MICROBIAL WORLD

**UCEAP Quarter Units**

8.00

**UCEAP Semester Units**

5.30

## Course Description

This course promotes an understanding of core concepts in microbial growth and form, with an emphasis on diversity of function. It explores microbes, their major properties, and how they influence processes, such as global warming, acid rain, and nutrient cycling in the world. It examines how microbes interact with plants to influence crop production and spoilage, or affect the safety of the food we eat. The course also explores how microbes are exploited in the biotechnology industry, as well as how we might make new products in the future, using cutting edge technology, such as synthetic biology.

## Language(s) of Instruction

English

## Host Institution Course Number

BILG08018

## Host Institution Course Title

THE MICROBIAL WORLD

## Host Institution Course Details

<http://www.drps.ed.ac.uk/23-24/dpt/cxbilg08018.htm>

## Host Institution Campus

## Host Institution Faculty

School of Biological Sciences

## Host Institution Degree

## Host Institution Department

## Course Last Reviewed

2023-2024

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