

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 Campus

Host Institution Faculty

School of Biological Sciences

Host Institution Degree

Host Institution Department

[Print](#)