

COURSE DETAIL

MICROBIAL BIOTECHNOLOGY

Country

Denmark

Host Institution

University of Copenhagen

Program(s)

University of Copenhagen

UCEAP Course Level

Upper Division

UCEAP Subject Area(s)

Biological Sciences Bioengineering

UCEAP Course Number

110

UCEAP Course Suffix**UCEAP Official Title**

MICROBIAL BIOTECHNOLOGY

UCEAP Transcript Title

MICROBIAL BIOTECH

UCEAP Quarter Units

6.00

UCEAP Semester Units

4.00

Course Description

This course focuses on the use of microorganisms in biotechnological processes. This includes prokaryotic and eukaryotic microorganisms as factories of industrial enzymes, bioenergy, and pharmaceuticals, as well as the use of microorganisms to improve food and to remove contaminants from water and soil. It introduces the methods used to improve microbial strains, products, and processes in biotechnology. The course gives students insight into and understanding of areas of biotechnology research and provides background information on the molecular biological methods. In addition, students develop and pitch their own idea relevant to microbial biotechnology.

Language(s) of Instruction

English

Host Institution Course Number

NBIB15008U

Host Institution Course Title

MICROBIAL BIOTECHNOLOGY

Host Institution Campus

Host Institution Faculty

Faculty of Science

Host Institution Degree

Bachelor

Host Institution Department

Department of Biology

[Print](#)