

## COURSE DETAIL

### MICROBIOLOGY

**Country**

Sweden

**Host Institution**

Lund University

**Program(s)**

Lund University

**UCEAP Course Level**

Upper Division

**UCEAP Subject Area(s)**

Biological Sciences

**UCEAP Course Number**

167

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

MICROBIOLOGY

**UCEAP Transcript Title**

MICROBIOLOGY

**UCEAP Quarter Units**

12.00

**UCEAP Semester Units**

8.00

## Course Description

Training in microbiological practice and laboratory skills is an essential and important part of the course. This includes both regular practicals and a project that runs throughout the course. The project is independently planned and carried out by groups of 2-3 students and gives training in many aspects of microbiology, as well as in general laboratory practice and project planning. The theoretical parts are treated both in lectures and in problem-solving seminars. The first part of the course deals with physiology and diversity of microbes. It gives a modern view of the microbial world and its phylogeny. The structure and function of the prokaryotic cell is discussed in detail. Growth of microorganisms is analyzed from several aspects. Metabolic diversity of microbes.

## Language(s) of Instruction

English

## Host Institution Course Number

BIOR18

## Host Institution Course Title

MICROBIOLOGY

## Host Institution Course Details

<https://kursplaner.lu.se/pdf/kurs/en/BIOR18>

## Host Institution Campus

Lund

## Host Institution Faculty

Science

## Host Institution Degree

## Host Institution Department

## Course Last Reviewed

2024-2025

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