

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 Campus

Lund

Host Institution Faculty

Science

Host Institution Degree

Host Institution Department

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