

## COURSE DETAIL

### IMMUNOLOGY

**Country**

Sweden

**Host Institution**

Lund University

**Program(s)**

Lund University

**UCEAP Course Level**

Upper Division

**UCEAP Subject Area(s)**

Biological Sciences

**UCEAP Course Number**

143

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

IMMUNOLOGY

**UCEAP Transcript Title**

IMMUNOLOGY

**UCEAP Quarter Units**

12.00

**UCEAP Semester Units**

8.00

## Course Description

The course gives a comprehensive overview of the different components and processes of the mammalian immune system. The course covers innate and acquired immunity, infection biology and host-pathogen interactions, mechanisms behind autoimmunity and allergy, vaccination, and evolution of animal immune systems. The theoretical parts are treated during lectures and group seminars. The course also includes several laboratory sessions, where students train in various immunological laboratory techniques, including Western blot, flow cytometry and ELISA. Finally, there is a literature project involving a review of a specific topic in immunology and a presentation during a seminar.

## Language(s) of Instruction

English

## Host Institution Course Number

BIOR16

## Host Institution Course Title

IMMUNOLOGY

## Host Institution Campus

Science

## Host Institution Faculty

## Host Institution Degree

## Host Institution Department

Biology

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