

COURSE DETAIL

CHEMISTRY OF THE CELL

Country

Sweden

Host Institution

Lund University

Program(s)

Lund University

UCEAP Course Level

Upper Division

UCEAP Subject Area(s)

Chemistry

UCEAP Course Number

138

UCEAP Course Suffix**UCEAP Official Title**

CHEMISTRY OF THE CELL

UCEAP Transcript Title

CHEMISTRY OF CELL

UCEAP Quarter Units

12.00

UCEAP Semester Units

8.00

Course Description

The course provides an increased understanding of the chemical reactions that take place in all living cells, focusing on understanding the enzymes that catalyze chemical reactions and how they are regulated. The metabolism of the cell is described in different sections of the course to understand how energy is made available through certain chemical reactions, that are used to power other chemical reactions. The lab part of the course consists of one lab where an enzyme is purified and characterized and a computer lab where students learn to use different basic bioinformatic tools.

Language(s) of Instruction

English

Host Institution Course Number

MOBA02

Host Institution Course Title

CHEMISTRY OF THE CELL

Host Institution Campus

Science

Host Institution Faculty

Host Institution Degree

Host Institution Department

Chemistry

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