

# COURSE DETAIL

## GENOME AND CELL BIOLOGY

**Country**

Denmark

**Host Institution**

University of Copenhagen

**Program(s)**

University of Copenhagen

**UCEAP Course Level**

Upper Division

**UCEAP Subject Area(s)**

Biological Sciences

**UCEAP Course Number**

179

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

GENOME AND CELL BIOLOGY

**UCEAP Transcript Title**

GENOME&CELL BIOLOGY

**UCEAP Quarter Units**

6.00

**UCEAP Semester Units**

4.00

## Course Description

This course offers a study of genome and cell biology. Topics covered include gene regulation, structure of genomes and their content of information, use of databases and experimental techniques for genome analysis, gene control, genome function, gene and genome techniques, membrane structure, membrane transport, intracellular compartments and the sorting of proteins, signal transduction, cell division, cell cycle control, programmed cell death, and autophagy. The course consists of lectures, group work, and student presentations. The course highly recommends but does not require that students have completed a bachelor level course in cell biology as a prerequisite.

### Language(s) of Instruction

English

### Host Institution Course Number

LBIK10135U

### Host Institution Course Title

GENOME AND CELL BIOLOGY

### Host Institution Campus

Science

### Host Institution Faculty

### Host Institution Degree

### Host Institution Department

Plant and Environmental Sciences

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