

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

[Print](#)