

# COURSE DETAIL

## FUNDAMENTAL BIOINFORMATICS

**Country**

Denmark

**Host Institution**

University of Copenhagen

**Program(s)**

University of Copenhagen

**UCEAP Course Level**

Upper Division

**UCEAP Subject Area(s)**

Biological Sciences Biochemistry

**UCEAP Course Number**

133

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

FUNDAMENTAL BIOINFORMATICS

**UCEAP Transcript Title**

FUND BIOINFORMATICS

**UCEAP Quarter Units**

6.00

**UCEAP Semester Units**

4.00

## Course Description

This course provides an introduction to fundamental bioinformatics. Topics include biological databases, sequence alignment (pairwise and multiple), phylogeny, genomics, next generation sequencing, expression analysis, RNA-seq, RNA structure, and systems biology.

## Language(s) of Instruction

English

## Host Institution Course Number

NBIB15021U

## Host Institution Course Title

FUNDAMENTAL BIOINFORMATICS

## Host Institution Course Details

<https://kurser.ku.dk/course/nbib15021u/2022-2023>

## Host Institution Campus

## Host Institution Faculty

Science

## Host Institution Degree

Bachelor

## Host Institution Department

Biology

## Course Last Reviewed

2022-2023

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