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 Campus

Host Institution Faculty
Science

Host Institution Degree
Bachelor

Host Institution Department
Biology

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