

COURSE DETAIL

BIOINFORMATICS

Country

Taiwan

Host Institution

National Taiwan University

Program(s)

National Taiwan University

UCEAP Course Level

Upper Division

UCEAP Subject Area(s)

Biological Sciences

UCEAP Course Number

106

UCEAP Course Suffix**UCEAP Official Title**

BIOINFORMATICS

UCEAP Transcript Title

BIOINFORMATICS

UCEAP Quarter Units

4.50

UCEAP Semester Units

3.00

Course Description

This course is designed to introduce bioinformatics to students of biology background. This course will cover an introduction, signature developments and breakthroughs, current and future emphasis of the field of bioinformatics. Working concept, underlying algorithms, and introduction to mainstream bioinformatics tools will also be covered. Computer programming (Linux and Perl) at a beginners level will also introduced. This course will be lecture-based with some hands-on experience. There will be homework projects assigned throughout the course.

Language(s) of Instruction

English

Host Institution Course Number

GenSys5020

Host Institution Course Title

BIOINFORMATICS

Host Institution Campus

Host Institution Faculty

College of Life Sciences

Host Institution Degree

Host Institution Department

Geno and System Biology

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