

# 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 Course Details

[http://nol.ntu.edu.tw/nol/coursesearch/print\\_table.php?course\\_id=B48%20U0380&cl...](http://nol.ntu.edu.tw/nol/coursesearch/print_table.php?course_id=B48%20U0380&cl...)

## Host Institution Campus

## Host Institution Faculty

College of Life Sciences

## Host Institution Degree

## Host Institution Department

Geno and System Biology

## Course Last Reviewed

2022-2023

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