

COURSE DETAIL

CLIMATE DATA PROCESSING

Country

Taiwan

Host Institution

National Taiwan University

Program(s)

National Taiwan University

UCEAP Course Level

Upper Division

UCEAP Subject Area(s)

Computer Science

UCEAP Course Number

108

UCEAP Course Suffix**UCEAP Official Title**

CLIMATE DATA PROCESSING

UCEAP Transcript Title

CLIMATE DATA PROCSS

UCEAP Quarter Units

3.00

UCEAP Semester Units

2.00

Course Description

This course introduces common methods on climate/weather data processing via Python. It aims to guide students on how to get the information from climate/weather datasets by data visualization and instructs on how to use this information to finalize their own narrative.

The course consists of three stages:

First stage: Introduction and Basic Syntax of Python

Second stage: Reproduce/Rewrite some exiting codes

Third stage: Course Review & Final report (individual)

Language(s) of Instruction

English

Host Institution Course Number

IPCS5016

Host Institution Course Title

ANALYSIS AND APPLICATION OF CLIMATE DATA

Host Institution Course Details

https://nol.ntu.edu.tw/nol/coursesearch/print_table.php?course_id=247%20U1160&c...

Host Institution Campus

Host Institution Faculty

College of Science

Host Institution Degree

Host Institution Department

Course Last Reviewed

2024-2025

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