# COURSE DETAIL

| CLIMATE DATA PROCESSING |
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| **Country**<br>Taiwan |
| **Host Institution**<br>National Taiwan University |
| **Program(s)**<br>National Taiwan University |
| **UCEAP Course Level**<br>Upper Division |
| **UCEAP Subject Area(s)**<br>Computer Science |
| **UCEAP Course Number**<br>108 |
| **UCEAP Course Suffix** |
| **UCEAP Official Title**<br>CLIMATE DATA PROCESSING |
| **UCEAP Transcript Title**<br>CLIMATE DATA PROCSS |
| **UCEAP Quarter Units**<br>3.00 |
| **UCEAP Semester Units**<br>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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