

Advantages:



1. Instrumentation: We are equipped with a comprehensive set of observation instruments and high-speed computers. Additionally, we have the Yangmingshan Rainbow real-time monitoring system, which has set the **Guinness World Record for the “longest lasting rainbow.”**

2. Industry-Academia Collaboration and Employment: Our department has signed multiple collaborative agreements with the Central Weather Administration to enhance students' employability. Students with outstanding performance can be assured of entering the workforce successfully.

3. Meteorological Communication: Our department is the only one with a **“Permit to Provide Weather Forecasting Services.”** We have dedicated broadcasting equipment to train students to become professional meteorological broadcasters.

4. Scholarships: In addition to scholarships provided by the university, we offer **special study and research scholarships.** These scholarships are designed to support students under the guidance of professors to enter research fields early in their academic journey.

5. Database: We oversee the National Science and Technology Council's core facility, the **“Atmospheric Science Research and Application Databank.”** We possess the most comprehensive meteorological observation data nationwide, and a substantial amount of this data is available for applications in the field of AI.

Diverse Meteorological Observation Equipment and Internship Opportunities



Hwa-lin Meteorological Station



Microwave Rainfall Radar



Parsivel Raindrop Spectrometer



Mobile Automatic Weather Station



Rainfall Observation System

從事氣象預報業務許可證
Permit to Provide Weather Forecasting Services

查資料申請氣象預報業務許可，經審查合格，依照規定發給本許可證，以資憑證。
This is to certify the following entity has been granted permit to provide weather forecasting services.

災害性天氣預報許可項目：
Permit to forecast the following hazardous weather:
 None 大雨 Heavy Rain 強風 Strong Wind 低溫 Low Temperature
 濃霧 Dense Fog 颶風 Typhoon 雷電 Thunder & Lightning 冰雹 Hail
 龍捲風 Tornado 乾旱 Drought

姓名：中國文化大學大氣科學系
Name: Department of Atmospheric Sciences, Chinese Culture University

負責人：曾鴻陽
Person in charge: Tseng, Hong-Yang

業務場所地址：臺北市士林區華岡路55號
Address: No. 55, Hwa-Kang Rd., Shilin Dist., Taipei City, Taiwan (R.O.C.)

許可業務類別：氣象預報類
Permit category: Weather forecasting services

有效期間：自111年6月20日起至114年6月19日止
Effective period: June 20, 2022 to June 19, 2025

交通部中央氣象局 局長 鄭明典
Central Weather Bureau Director-General

中華民國111年6月16日換發
Renewed on June 16, 2022
預報字第11109C109號(Permit No. 11109C10)

● **Offering Meteorological Communication Studies:** With the availability of the Hwa Kang Meteorological Studio, students can produce meteorological broadcast programs and aspire to become **the stars of tomorrow's weather reporters!**

● **Diverse Internship Opportunities:** Various internship channels, including the National Science and Technology Center for Disaster Reduction, the Danshui Meteorological Station of CWA, Academia Sinica, private meteorological companies, and TV weather broadcasting units.



Department of Atmospheric Sciences



The Atmospheric Science Department's research group encompasses aspects of **phenomena, principles, and forecasting.**

Sever Weather

Typhoon 、
Heavy Rain 、
Tornado ...

Climate Change

Global Warming 、
Climate Change 、
ENSO ...

Applied Meteorology

Green Energy 、
Meteorological Communication 、
Disaster Prevention and Mitigation 、
Carbon Emissions ...

Multiple pathways for education and employment. Recognized by the Ministry of Labor in 2022 as the major with **the most favorable salary prospects.**

Civil Servant

- CWA
- CAA

Graduate School

- 10-15 Students Per Year
- Research Organization

Private Sector

- Meteorological Analysis and Risk Advisory Company
- Disaster Response Partner

IT Industry

- IT Company
- International Integrated Systems, Inc.



Official Website



Facebook



YouTube



ASRAD



文大大氣交流園地 (Line)

Tel : 886-2-28610511 ext 25805

email : crrmap@dep.pccu.edu.tw



CCU Geology

- Close staff-student relationship
- Broad-based curriculum
- Rich out-of-class learning experiences
- Strong alumni support
- Numerous scholarship opportunities
- Global learning opportunities



**Great
location:
Near
volcanos**



**Closely
related to
Net-Zero
Emissions**



**One of
the kind in
Taiwan**



Key Elements of Our Education

01

Curriculum

We offer undergraduate, and postgraduate programme based on field-based observation.

03

Career

The Department of Geology will continuously concentrate on resources, energy, geohazards, and environment-related topics, in a research environment that fosters quality and innovation from a local, national, and global perspective.

02

Global learning and Postgraduate

We provide students with international exposure, particularly through field study and exchange.

04

Internship

The Department provides a wide range of internships and other opportunities for students to develop their full potentials.



Scholarships



Official Website

電話：(02) 28610511 分機26105

email : crssge@dep.pccu.edu.tw

「關世傑所長靳叔彥教授王洸教授」薪傳獎學金，每學年4名每名1萬元

「李建和」薪傳獎學金，每學年4名每名1萬元

就讀本系研究所獎學金每學年2名每名1萬元

考上國內海洋相關研究所獎學金每學年1名每名1萬元

考上國內海洋相關研究所就讀本系研究所獎學金每學年1名每名2萬元

弱勢學生基金募款專案5萬元(拔尖)

地球物理學會獎學金每學年1萬元

中興工程獎學金每學年1名每名4萬8千元

鑛冶工程師學會獎學金每學年1萬元

地質系系友薪傳獎學金

華岡獎學金每學期8千元、5千元、2千元

老師計畫項下支助:4千-1萬元/月