### **Advantages:**

Department of Atmospheric Sciences

**1. Instrumentation:** We are equipped with a comprehensive set of observation instruments and highspeed 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.

### Department of Atmospheric Sciences

#### Diverse Meteorological Observation Equipment and Internship Opportunities



Hwa-lin Meteorological Station



Microwave Rainfall Radar



Parsivel Raindrop Spectrometer



Mobile Automatic Weather Station



Rainfall Observation System



• 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.

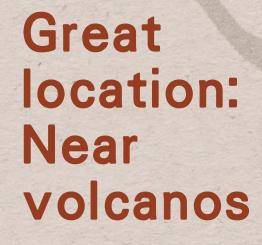
Multiple pathways for education and employment. Recognized by the Ministry of Labor in 2022 as the major with the most favorable salary prospects.

Official Website

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## CCU Geology

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



### Closely related to Net-Zero Emissions

One of the kind in Taiwan



# Key Elements of Our Education

### Curriculum

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

## Global learning and Postgraduate

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

## **D3** 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.



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

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### linternship



「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



電話: (02) 28610511 分機26105 email: crssge@dep.pccu.edu.tw



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# **Scholarships**