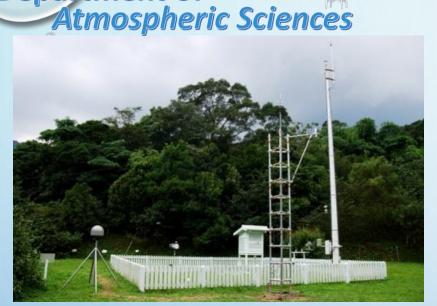
Advantages:



- 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

Diverse Meteorological Observation Equipment and Internship Opportunities



Hwa-lin Meteorological Station



Microwave Rainfall Radar



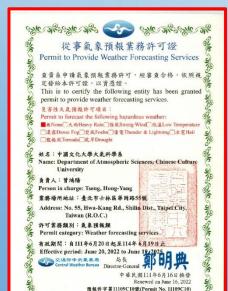
Parsivel Raindrop Spectrometer



Mobile Automatic Weather Station



Rainfall
Observation System



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Department o

- 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.

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 ...

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 Industr

- IT Company
- International Integrated Systems, Inc.



YouTube





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