

Dept. Introduction

Dept. of Earth Sciences in NTNU Research Programmes Admission Guide

Research Topics

Studying in NTNU

How to apply

International graduate students recruiting!



Research Topics

- This is one of the rare department around the world allowing the students to learn:
 - (1) multiscale astrophysical phenomena
 - (2) multiscale weather phenomena
 - (3) multiscale physical oceanography
 - (4) multiscale geological phenomena phenomena
 - (5) multiscale geophysical phenomena
- The interdisciplinary studies are highly recommended!
- Hot topics related to climate change and SDGs

Kuroshio energy harvesting | Geothermal energy

Prediction of multi-hazards chain

Characteristics and environmental impact of extreme weather events

Impact of climate change on human health



師大地球科學系 Dep. of Earth Sciences, NTNU

Astronomy









multiscale astrophysical phenomena

Star formation, Planetary Science, Radio astronomy, Astrochemistry, X-ray and extragalactic astronomy, Formation and evolution of galaxies

Atmospheric Science



Chung-Chieh Wang





Cheng-Ta Chen



Li-Shan Tseng



Climate modeling, Mesoscale, mountain, synopticm, monsoon meteorology, Severe weather system Cloud-radiation interaction, Air-sea interaction





Geology

multiscale geological phenomena

Geodynamics plate reconstruction, Sequence seismic stratigraphy, Regional tectonics of southeast Asi Stable isotope geology, Paleoenvironmental change Geochemistry, Core analysis, Igneous Petrologys Petrology







Oceanography











Meng-Wan Yeh

multiscale physical oceanography

Physical oceanography, Numerical modeling, Semote sensing, Typhoon-ocean Interaction, Regional geology, Science education

cale geophysical phenomena

Geophysics

Observational seismlogy, Environmental seismology







Techniques used in study Sample collection, petrographic thin sections preparation. observation of diagenesis using cathodoluminescence microscope, Isotope Ratio Mass Spectrometer, and Inductively Coupled Plasma Optical Emission Spectrometer (ICP-OES).

Horng-sheng Mii, Professor Department of Earth Sciences. t44006@ntnu.edu.tw

PhD in Geology, Texas A&M University College Station, TX, USA







Department of Earth Sciences

My researches mainly focus on the studies of southwesterly flows, typhoons, Mei-yu rainfall, and marine boundary layer. Using 40-y of climatological data, we have identified formation stages of southwesterly flows in Mei-yu seasons. In a study of Typhoon Marakot, we have found the roles of typhoon interaction with southwesterly flows in heavy rainfall. We have also documented the marine boundary layer height in western North Pacific using the COSMIC/FORMOSAT 3 GPS radio occultation data

Techniques used in study Weather Research and Forecast model simulation, Data assimilation

Ensemble forecast.

Fang-Ching Chien, Professor ifi@ntnu.edu.tw



Department of Earth Sciences











Research Interest

My work is focused on the simulations of the structures and compositions of the neutral clouds of different origins with a plasma chemistry model based on the latest space mission data such as Cassini and Rosetta. In addition, I am particularly interested using the ground-based radio telescopes to study the small bodies in the solar system (i.e. Europa, Enceladus, Titan and comets), which can improve understanding of the sources, dynamics and evolution of their neutral exospheres and interactions with the ambient plasma environments.

Wei-Ling, Wendy, Tseng, Assistant Profes Department of Earth Sciences witseng@ntnu.edu.tw

2009 Ph.D., Astronomy, National Central University, Taiwan

Jan. 2012 - July 2014 Research Scientist Research Institute, San Antonio, TX, USA

Department of Materials Science and Engineering, University of Virginia, Charlottesville, VA, USA

COLLEGE OF SCIENCE, NATIONAL TAIWAN NORMAL UNIVERSITY

Study of Paleoenvironment

The first to publish critical Late Paleozoic middle-latitude

Mii, H.-S. and Grossman, E.L., 1994. Late Pennsylvanian seasonality reflected in the 180 and elemental composition of a brachiopod shel

752 (19 May 2017:Vol. 356, Issue 6339, pp. 749-752.

Study typhoon and Mei-yu rainfall

Chien E-C * I-S Hong and V-H Kup 2019: The marine houndary

occultation, island soundings, and numerical models, Sensors, 19

Paul, S., C.-C. Wang*, F.-C. Chien, and D.-I. Lee, 2018: An evaluation of WRF Mei-yu rainfall forecasts in Taiwan during 2008-2010:

Differences in elevation and sub-regions. Meteorol. Appl., 25, 26

terly flows and rainfall in Taiwan. J. Meteor. Soc. Japan, 97,

layer height over the western North Pacific based on GPS radio

Chien, E.-C.*, and Y.-C. Chiu, 2019: A composite study of

1023-1040, https://doi.org/10.2151/jmsi.2019-05

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O,* (Tseng et al., 2010)

Strong southwesterly flows

air to Taiwan, resulting in

heavy rainfall

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In winter high marine

the naths of the North

Kuroshio Current.

boundary layer heights are

approximately located within

Equatorial Current and the

Mii, H.-S., Shi, G. R., and Wang, C.-A., 2013, Late Paleozoic middle-latitude

ondwana environment -stable isotope records from Western Australia: ondwana Research, v. 24, p. 125-138.

Sondwana Research, v. 24, p. 125-138.

Ren, H., Chen, Y.-C., Wang, X. T., Wong, G. T. F., Cohen, A. L., DeCarlo, T. M., Weigand, M. A., Mil, H.-S., and Sigman, D. M., 2017, 21st-century rise in anthronogenic nitrogen deposition on a remote coral reef: Science, V. 356. p.

seasonality

I work on a diverse set of igneous rocks from the continental crust that range from ultramafic to felsic. Using whole rock geochemistry, mineral chemistry, radiogenic isotopes and U-Pb age dating, my group and I investigate the origin and development of the large igneous provinces, petrogenesis of Venusian basalt, Pan-African Orogeny, and break-up of Gondwana.

Techniques used in study

Wave length dispersive X-ray fluorescence: Laser ablation inductively coupled plasma mass spectrometry; Thermal ionization mass spectrometry Electron probe micro analyzer.

J. Gregory Shellnutt, Professor Department of Earth Sciences, College of Science jgshelln@ntnu.edu.tw

Department of Earth Sciences

PhD in Earth Science. The University of Hong Kong, Hong Kong SAR



Evolution of continental crust

Formation of the Neoproterozoic granites of the Sevchelles

- Shellnutt, J.G., Nguyen, T.D., Lee, H.-Y., 2020. Resolving the origin of the seychelles microcontinent: insight from zircon geochronology and H sotopes. Precambrian Research. Precambrian Research 343, 10572: isotopes. Precamonan Research. Precamonan Research 343, 105725.
 Shellnutt, J.G., Pham, T.T., Denyszyn, S.W., Yeh, M.-W., Tran, T.A., 2020.
 Magmatic duration of the Emeishan large igneous province: insight from northern Vietnam. Geology 48, 457-461.
- Shellnutt, J.G., 2019. The curious case of the rock at Venera 8. Icarus 321,



Department of Earth Sciences

Numerical modeling of hazardous weather systems

My research interests are mainly in mesoscale and synoptic meteorology and focus on hazardous precipitation systems and severe weathers, such as: typhoons (tropical cyclones), various mesoscale convective systems (MCSs) in the Mei-yu season, and severe local storms. I am also interested in issues related to numerical weather prediction (NWP) and the application of artificial intelligence (AI) in its decision-making process

Techniques used in study

Cloud-resolving model (CRM); mesoscale model; large-scale parallel supercomputers (e.g., Taiwania 1, NTNU HPC); model simulations and sensitivity tests; gridded datasets for analysis; potential vorticity (PV) inversion; diagnostic analysis.

Chung-Chieh Wang, Professor and Chair Department of Earth Sciences and Institute of Marine Environmental Science and Technology Lab of Weather and Convection cwang@ntnu.edu.tw

PhD in Atmospheric Sciences, Department of Geography, Ohio State University, Columbus, OH, USA



Wang, C.-C.*, S.-K. Ma, and R. H. Johnson, 2020: A numerical study on the influences of Sumatra topography and synoptic features on tropical cyclon formation over the Indian Ocean, Mon. Wea. Rev., 148, 2777-2799. Wang, C.-C., L.-S. Tseng*, C.-C. Huang, S.-H. Lo, C.-T. Chen, P.-Y. Chuang, and N.-C. Su, 2019: How much of Typhoon Morakot's extreme rainfall is attributable to anthropogenic climate change? Int. J. Climatol., 39, 3454-

Back-building and merging of convective cells inside rainband

Kuo, H.-C., S. Tsuiino, C.-C. Huang, C.-C. Wang*, and K. Tsuboki, 2019:

nsification of Supertyphoon Haiyan (2013). Mon. Wea. Rev., 147, 112

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Department of Earth Sciences.....

Geochronology Tectonic Structural Evolution

 49 Ar/ 39 Ar geochronology method is a powerful tool to decipher the timing of structural event of metamorphic rocks. It has been used to assign reliable ages to the Earth and numerous meteorites along with highly deformed rocks within plate scale shear zones. However, the geological meaning of Ar ages obtained from mineral separates were hotly debated as multiple factors as: internal deformation, recrystallization, fluid circulation or preservation of inherited argon pre-metamorphic signatur by shielding effect can affect the outcome of Ar ages within one mineral grain. For one to successfully decipher heterogeneities of 40 kr/30 Ar data that experienced complex metamorphic/deformation histories, detailed knowledge of microstructural/ micropetrological relationships of examiner minerals, and numerical diffusion modeling of argon retention or loss are

echniques used in study Structural & Microstructural geology ✓ Petrography

✓ Radioactive Isotope Geochemistry Meng Wan (Mary) Yeh, Professor Ar-Ar Geochronology Lab/ Earth Sciences

Email: marvwveh@gmail.com

PhD. In Structural Geology School of Earth Sciences, James Cook University, Townsville, Australia



ublications (representative) TH Huang, MW Yeh* (2020) Structural Evolution of Extended Continer Deciphered from the Cretaceous Batholith in SE China, a Kinmen Island Frontiers in Earth Science 8, p.330

JG Shellnutt, MW Yeh, NHT Pham, TY Lee (2019) Cryptic regional magmatism in the

southern Saharan Metacraton at 580 Ma. Precambrian Research 332, 105398 Hue Anh Mai; Yu Lu Chan; Meng Wan Yeh*; Tung Yi Lee (2018, Apr). Tectonic -Ping Chiu, Meng-Wan Yeh*, Kuang-Hsuan Wu, Tung-Yi Lee, Ching-Hua Lo, Sun

ound the Eastern Himalaya Syntaxis. Geological Society of America Bulleti COLLEGE OF SCIENCE, NATIONAL TAIWAN NORMAL UNIVERSITY

Department of Earth Sciences

Structural Geology & Geomechanics

Lab research mainly aims to analyze aspects of geological structures and to explore their construction relationship between stress and strain. Based on observations of geological structures from different structural levels on multiple scales. we examine and evaluate their characteristics of geometric features, kinematics and dynamics to understand the origin and the role in the context of orogenic evolution, and apply concepts and results to the stress assessment, strain analysis, fracture reactivation examination, and relevant technique development of underground resources and deep-seated waste disposals. Techniques used in study

Strain Evaluation, Microfabric Examination, In-Situ Stress

Assessment, Fracture Characterization, Fault Reactivation En-Chao Yeh, Associate Professor

Department of Earth Sciences, Structural Geomechanics Laboratory ecyeh@ntnu,edu.tw Background: Ph.D. in Department of Geoscience

Pennsylvania State University, U.S.A.



Chou, Y.-M., C. Aubourg, E.-C. Yeh, S.-R. Song, Y.-K. Lin, F. Humbert, X. Jiang, and T.-Q. Lee, (2020) The Magnetic Fabric of Gouge Mimics the Co-seismic Focal Mechanism of the Chi-Chi Earthquake (1999, Mw 7.6). Geophysical Research Letters, Accepted manuscript online by 22 October 2020, DOI

Lu, Y.-C., S.-R. Song, S. Taguchi, P.-L. Wang, E.-C. Yeh, Y.-J. Lin, J. MacDonald and C.M. John, (2018) Evolution of hot fluids in the Chingshui geotherma field inferred from crystal morphology and geochemical vein data Geothermics, 74, 305-318.

Mondro, C.A., D. Fisher, and E.-C. Yeh, (2017) Strain histories from th eastern Central Range of Taiwan: A record of advection through a collisional orogen. Tectonophysics, 705, 1-11.





characterization of Taiwan

mountain building processes

and geothermal exploration

Department of Earth Sciences

Climate analysis and model simulation diagnosis

My research interests focus on the variations and related mechanisms of precipitation characteristics over the East Asian monsoon region. I have conducted a series of studies examining the influence of long-term changes in large-scale circulation on the local diurnal rainfall events over Taiwan and outhern China. Recently, I'm also interested on validating the performance of satellite precipitation over Taiwan.

Observational data: CMIP model simulation data: satellite precipitation data: reanalysis data: diagnostic analysis: monsoon climate; climate change; weather change; future projection.

Wan-Ru Huang, Professor Department of Earth Sciences wrhuang@ntnu.edu.tw

PhD in Atmospheric Sciences, Iowa State University, Ames, IA, USA

Department of Earth Sciences

My research primarily focuses on two main areas: the

mechanisms of students' learning and earth science

education. In the investigation of human learning, we

predominantly employ neuroimaging techniques to

scrutinize the brain's functioning during the learning

process. Within the realm of earth science education

research, our principal objective is to explore

strategies that enhance citizens' understanding of

global changes and the implications of environmental

issues, particularly those pertaining to marine

environments. In addition to these efforts, we have

also developed various tabletop games, digital media

resources, and scaffolding materials to support

students' learning of earth science.

Department of Earth Sciences

nvironmental Science and

National Taiwan Normal Univ.

Ministry of Science and Technology

and Institute of Marine

Ting-Kuang Yeh,

Associate Professor

tkveh@ntnu.edu.tw

PhD in Earth Sciences,

Technology

Background:

Taiwan

Funding:

Research interest



1070 1980 1990 2000 -

Both the southwesterly flow over the South China Sea and the convergence at 11 LT over Taiwan have become weaker in the later period. These circulation changes, which could lead to a reduction in dynamical lifting over the past five decades, may explain the long-term decline in diurnal rainfall frequency over most of Taiwan

Huang, W.-R.*, P.-Y. Liu, Y.-H. Chang and C.-Y. Liu, 2020: Evaluation and Application of Satellite Precipitation Products in Studying the Summer Precipitation Variations over Taiwan. Remote Sens. 12, 347.

Huang, W.-R.*, Y.-H. Chang and P.-H. Huang, 2019: Relationship betwee ctivity in Taiwan and SSTA(Niño3.4) during 1961-2012: Characteristic

More publications please refer: https://web.ntnu.edu.tw/~wrhua

MATE

Hung, L. Y., Wang, S. M., & Yeh, T. K.* (2023), Kolb's experiential li

and marine debris education: Effects of different stages on lea

Hung, L. Y., Wang, S. M., & Yeh, T. K.* (2022). Collaboration

government and environmental non-governmental organisation debris policy development: The Taiwan experience. Marine Policy,

Chen, C. S., Chien, T. S., Lee, P. L., Jeng, Y., & Yeh, T. K.* (2020). F

electrical activity and cognitive load analysis using a non-lir

stationary approach. IEEE Access, 8, 211115-211124.

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Pollution Bulletin, 191, 114933.

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Earth Science Education

derived from the

The mediation e

perceived behav

attitude-behavio

correspondence

technique.

Topographic Theta energy

maps of subject x for a quick

comparison of two stated

methods. (a) Results derived

from the proposed FEMD-

Planetary Seismology Lab

Patty Pei-Ying Lin, Assistant Professor, Dept. of Earth Sciences pylin.patty@ntnu.edu.tw Background: PhD in Geophysics, The University of Arizona Funding: Ministry of Science and Technology

Imaging Geophysical Properties

By utilizing ground-motion and electromagnetic signals on land, at the ocean bottom, and ever By utilizing ground-motion and electromagnetic signois on lonal, at the cecen bottom, and even on other planets, we uncover the internal structures of Earth and celestial bodies at various scales. From layered structures to large-scale anomalies in velocity and electrical properties, and down to small-scale heterogeneities, we deepen our understanding of the dynamic processes and evolution of Earth and other planets.

ambient-noise characteristics recorded in ocean bottom and on Mars; (2) imaging lithospheric-scale structures in the subduction-collision transition zone of southeastern Taiwan; (3) actively participating in the international Pacific Array project to explore the seismic & electrical structure and the dynamics in the SALUTE The Southern Array for & Uplift of Taiwan





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ost-Degree App

Division of Space Science and Engineering, Southwest Dec. 2009 - Nov. 2011 Research Associate (Postdoc)

nteractions between Saturn's atmosphere and its rings", Science, 362, ohnson R. F., Tseng, W.-L., Flrod, M. K., Persoon, A. M., 2017. Nanograin Density Outside Saturn's A ring", Astrophysical Journal Letters, Vol. 834, No. 4 Su, H., Cui, J., Liu, D. -D., Welbrock, A., Tseng, W. -L. & Xu, X. -J., 2019,

"Monte Carlo calculations of the atmospheric sputtering yields on Titan", Astronomy & Astrophysics, 263, A18 Coulson, I. M., Cordiner, M. A., Kuan, Y.-J., Tseng, W.-L. et al., 2017, 'JCMT Spectral and Continuum Imaging of Comet 252P/LINEAR", The Astronomical Journal, Vol 153, No. 4

Waite, J. H. et al., (including Tseng, W.-L.), 2018, "Chemical

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Molecular Astrophysics and Astrobiology

Understanding magmatic processes: Geochemical and geochronological studies

Search for prebiotically important complex organic molecule

- (COMs) in space -> Is life unique on Earth or ubiquitous in the universe? Study of Solar System and interstellar comets -Besides understanding of the origin and evolution of
- Solar System, comet study may shed light on the origin of life on Earth.

Department of Earth Sciences

analyses and using geochemical data.

Operations on X-ray Fluorescence (XRF),

Scanning Electron Microscope (SEM)

Energy Dispersive Spectrometer (EDS

Yu-Ming Lai, Assistant Professor

Department of Earth Sciences

ymlai@ntnu.edu.tw

Background:

Research Focus:

Electron Probe Micro-Analyses (EPMA).

Laser Ablation Microprobe (LAM)-ICPMS

Lab of Magmatic and Volcanic Processe

PhD in Department of Geosciences,

Department of Earth Sciences

National Taiwan University, Taiwan

We study the island arc magmatism and volcanism processes

in the Northern Luzon Arc (Taiwan and Philippine) and the

Western Sunda-Banda Arc (Sumatra and Java Island, Indonesia).

Our researches are focusing on igneous geochemistry, zircon

petrology of the Cenozoic volcanic island rocks. We welcome

students who want to visit our lab for learning geochemical

uranium-lead geochronology, volcanology and experimental

 Study of Solar System icy worlds – Some icy worlds may possess subsurface oceans. Are

these icy worlds habitable? Do they harbor life? Telescopes used in study:

The Atacama Large Millimeter/submillimeter Array (ALMA; world's largest ground-based observing facility), Submillimeter Array (SMA) James Clerk Maxwell Telescope (JCMT), Submillimeter Telescope (SMT) and the Kitt Peak 12m (12M)

Yi-Jehng Kuan, Professor Department of Earth Sciences: Center of Astronomy and Gravitation: ASIAA (Institute of Astronomy and

kuan@ntnu.edu.tw Background:

Astrophysics, Academia Sinica) PhD in Astronomy, University of Illinois at Urbana-Champaign, USA

Coulson, I.M.; Liu, F.-C.; Cordiner, M.A.; Kuan*, Y.-J.; Chuang, Y.-L.; Charnley

S.B.: Tseng, W.-L.: Milam, S. N.: Ip. W.-H.: Lin, Z.-Y. 2020, "JCMT Spectral and S.B.; Iseng, W.-L.; Iviliam, S. N.; Ip, W.-H.; Un, Z-T. 2020, J.Chil Spectral and Continuum Imaging of Hyperactive Comet dePo/Wirtanen", Astronomical Journal, 160, 182 Cordiner, M.A.; Millam, S.N.; Biver, N.; Bockel ee-Morvan, D.; Roth, N.X.; Bergin, E.; Jehin, E.; Remijan, A.J.; Charnley, S.B.; Mumma, M.J.; Boissler, J.;

comet 46P/Wirtanen during perihelion. (Center top)

or. (Top right) Water plume was detected with

Interstellar pyrimidine is one of the COMs searched

Crovisier, J.: Paganini, L.: Kuan, Y.-J.: Lis, D.C., 2020, "Unusually High CC Abundance of the HIST active Interstellar Comet., Nature Astronomy, 4, 861. Cordiner, M.A., Charnley, S.B., Skiel, Z., McGuire, B.A., Kuan, $^{-1}$ -L 2017, "Deep K-band Observations of TMC-1 with the Green Bank Telescope: Detection of HC₁O, Nondetection of HC₁N, and a Search for New Organic Molecules", *Astrophysical Journal*, 850, 187

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Magma evolution

Cenozoic volcanism

Zircon U-Pb and Hf isotopic constraints on the magmatic

and Oceanic Science, 2018, 29 (2), 153-190.

evolution of the Northern Luzon Arc. Terrestrial Atmospheric

Age, geochemical and isotopic variations in volcanic rocks

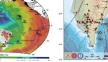
from the Coastal Range of Taiwan: Implications for magma

generation in the Northern Luzon Arc. Lithos, 2017, 272-273.

Department of Earth Sciences

From 2021 to 2026, our research primarily centers on (1) investigating seismic











Studying in NTNU



https://youtu.be/wcW9QKBd1nQ



You can also check the students' studying experience here



Studying in Dept. of Earth Sciences





https://www.dropbox.com/s/b4au69tyxdmqrqk/Introduction_2023.pdf?dl=0





How to apply

1) Am I qualified?

You need to satisfy the following conditions:

Master's Program

Those who have graduated, or are expected to graduate, from a university by July 31 for fall admission and January 31 for spring admission that year.

Doctoral Program

Those who have earned, or are expected to earn, a master's degree by July 31 for fall admission and January 31 for spring admission that year.



Yes, I am qualified!

2) Check the deadline



I want to apply now!

	Application Period	Admission Notification**	New Student Registration
Fall 2024	October 2, 2023 - January 17, 2024*	April 2024	September 2024
Spring 2025	June 3, 2024 - July 31, 2024	October 2024	February 2025

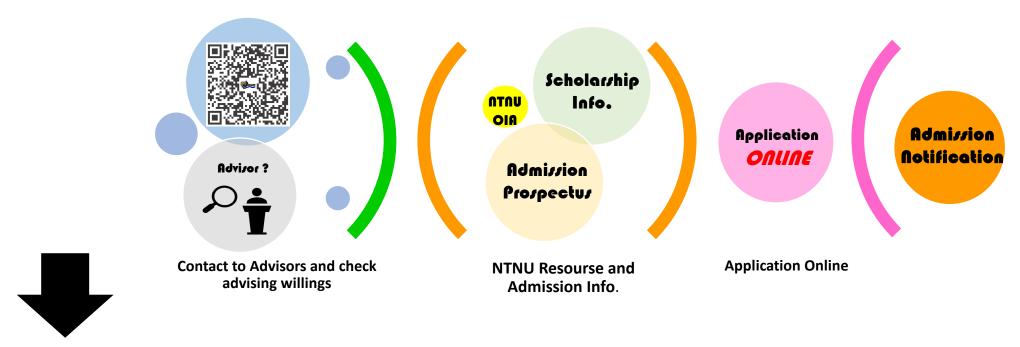


How to apply

3) Contact the chairman

Please prepare (1) your CV (2) what field you are interested in (3) what other thing you'd like to know about this department.

Email Prof. Kate Chen katepili@ntnu.edu.tw



Got her approval response



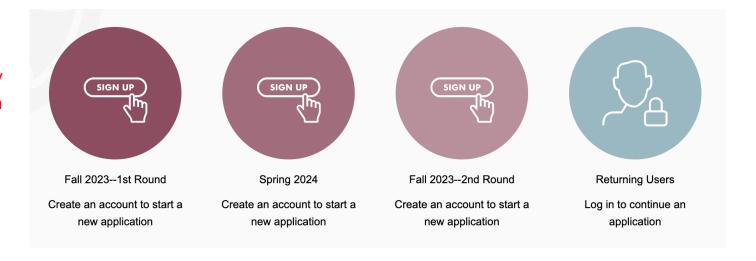
How to apply

4) Prepare the application



Check the website

https://bds.oia.ntnu.edu.tw/bds/en/apply/application/dashboard





Lill the online application form

https://bds.oia.ntnu.edu.tw/bds/en/apply/application/2022002

Q: Can I apply for scholarship?

There are two main sources of scholarship for students enrolled into our departments.

1. NTNU International Student Scholarship





Information can be found here

https://bds.oia.ntnu.edu.tw/bds/en/web/scholarship



Q: Can I apply for scholarship?

2. Taiwan Scholarship_MOE (Ministry of Education) Taiwan Scholarship

Amounts awarded:

- -Master's program: a stipend of NT\$30,000 per month; maximum of 2 years.
- -Ph.D. program: a stipend of NT\$30,000 per month; maximum of 3 years.

Application period:

February 1st until the end of March.

How to apply:

Please contact the nearest ROC embassy, consulate, or representative office in your home country.

* Research assistant / teaching assistant

Once you decide your research topic and the supervisor, the monthly salary as a research assistant (RA) or teaching assistant (TA) is commonly paid by individual supervisor. The common monthly salary for master RA/TA is NT \$6000-10000, PhD is NT \$10000-40000.

Q: How much it costs to live in Taipei?

Tuition and Other Miscellaneous Fees (approx. annual rate)

Tuition for International Students will be supported by NTNU. Other Miscellaneous Fees for International Students:

Insurance Fee	Health Insurance 200-300 USD Compulsory Insurance 15 USD
Computer and Network Facilities Fee	40 USD
On-Campus Dormitory (Utilities not included)	500-1,600 USD
Off-Campus Housing (Individual rooms)	270 USD and up/per month
Living Expenses	300-350 USD/per month

700 US housing + living fees ~1000 and up US dollars scholarship

National Taiwan Normal University Student Dormitory Housing fees

2023.03.24 notice

Dormitory	Semester	Summer	Room Type
Dormitory	Semester	Juliliei	Room Type
Dormitory No.1 (Male Students Dormitory No.1, Female Students Dormitory No.1, Female Students Dormitory No. 1 Branch)	TWD\$5,950	TWD\$3,500	6-bed air-conditioned
Female Students Dormitory No. 1 Branch 4-bed room	TWD\$8,930	TWD\$5,250	4-bed air-conditioned
Dormitory No.7	TWD\$11,670	TWD\$6,860	4-bed air-conditioned suite
Chenglou Dormitory 4-bed room	TWD\$14,880	TWD\$8,750	4-bed air-conditioned
Chenglou Dormitory 3-bed room	TWD\$18,700	TWD\$11,000	3-bed air-conditioned
Chenglou Dormitory 2-bed room	TWD\$22,670	TWD\$13,330	2-bed air-conditioned
Dormitory No.2 4-bed room	TWD\$15,300	TWD\$9,000	4-bed air-conditioned
Dormitory No.2 Male Students King Size 3-bed room	TWD\$20,400	TWD\$12,000	3-bed air-conditioned
Dormitory No.2 2-bed room	TWD\$25,930	TWD\$15,250	2-bed air-conditioned suite



Student Dormitory Application



1. Apply 2. CV should include more details 3. research proposal (master thesis \rightarrow future works)

	Application Period	Admission Notification**	New Student Registration
Fall semester 2024	October 2, 2023 – January 17, 2024*	April 12, 2024	September 2024
Fall semester 2024UPE	February 2, 2024 – March 29, 2024	May 3, 2024	September 2024
Spring semester 2025	June 3 – July 31, 2024	October 2024	February 2025



	Application Period	Admission Notification	Bew student registration
2025 Fall	Nov. 1~ Dec. 30, 2024	Feb.27, 2025	September 2025
	Jan. 2~ Mar. 30, 2025	May 2, 2025	September 2025
2026 Spring	Sep. 17~Oct. 1, 2025	Nov., 2025	February 2026

English Proficiency

			英語能力測驗 English Language Proficiency Tests				
歐洲語言共同參考架構等級 CEFR Levels		托福 iBT (總分) TOEFL iBT (Total Score)	多益 (聽讀測驗總分) TOEIC (Listening and Reading Score)	雅思 (總分) IELTS (Overall Band Score)	劍橋國際英語認證 Cambridge English Scale (KET/PET/FCE)		劍橋領思 (總分) Linguaskill General/ Business (Average Score)
Proficient User	C2 精通級 (Mastery)	114-120		9	Proficiency (CPE)	200-230	
	C1 高級 (Effective Operational Proficiency)	95-113	945-990	7-8.5	Advanced (CAE)	180-199	180+
Independent-	B2 中高級 (Vantage)	72-94	785-940	5.5-6.5	First (FCE) /FCE for Schools	160-179	160–179
User	B1 中級 (Threshold)	42-71	550-780	4-5	Preliminary (PET) /PET for Schools	140-159	140–159
Basic User	A2 初級(Waystage)		225-545		Key (KET) /KET for Schools	120-139	120–139
	A1 入門級 (Breakthrough)		120-220				100-119