



國立臺北大學

National Taipei University

# International Program

Experience the World in NTPU



Ver.2025



# Introduction of National Taipei University

Established in 1949 as Taiwan Provincial Local Administration School, National Taipei University (NTPU) has adapted to the swiftly evolving global landscape and the competitive talent environment. Leveraging its established expertise in specialized fields like law, business, public affairs, and social sciences, the university is steadfast in its commitment to "research-oriented teaching" and "practice-oriented research." Spanning across two campuses in Sanxia and Taipei, NTPU presently encompasses seven colleges: Law, Business, Public Affairs, Social Sciences, Humanities, Electrical Engineering and Computer Science, and the International College of Sustainable Innovations. The faculty is composed of both full-time and adjunct professors, numbering over 500, while the staff exceeds 300. The student body encompasses nearly 10,000 individuals enrolled in a wide range of programs. Specifically, NTPU has established the Center for Innovation, Entrepreneurship, and Industry Collaboration Development (CieiD), in addition to the Career Development Center. These initiatives provide focused guidance and empower students to seamlessly integrate learning with practical application, ultimately enhancing their employability prospects. In April 2021, NTPU partnered with the Taiwan Institute for Sustainable Energy to jointly endorse the "University Sustainable Development Advocacy," actively engaging in various university sustainable development alliances and organizations. Collaboratively with other institutions, NTPU is formulating sustainable development strategies and action plans, driving society toward the realization of sustainable development goals.

NTPU has been proactively involved in extensive collaborations with globally renowned institutions. Presently, the University has established collaboration memorandums with over 220 foreign universities, showcasing a significant potential for international exchanges. This dynamic framework accelerates the breadth and depth of global learning opportunities for NTPU's faculty and students, greatly enhancing its competitive edge on the global higher education stage.



## International Accreditation



College of Business  
MBA in Finance (ICSI)



Department of Accountancy



Department of Real Estate  
and Built Environment



College of Electrical Engineering  
and Computer Science

## NTPU Rankings



Impact Rankings  
**#401-606**  
Asia University Rankings  
**#600**



Taiwan 1111 Job Bank  
**#10**  
among the corporate  
sector's favorite  
tertiary institutions



Eastern Asia University Rankings  
**#187**  
Sociology  
**#201-250**



Taiwan Global Views  
Monthly  
**#3**  
Law and Business  
**#7**  
Corporate  
Favorite

Academic research forms the cornerstone of a distinguished university, complementing its broader missions of education and discovery. National Taipei University (NTPU) remains steadfast in its commitment to serving society. With its distinct focus on law and business, NTPU has proactively established diverse programs encompassing multiple disciplines and pioneered innovative cross-disciplinary research.

By harnessing local technological resources and cultural characteristics, NTPU collaborates closely with local businesses and organizations to better understand their specific needs. The university undertakes its academic responsibilities by aiding in industrial advancement and continues to serve as a research hub in northern Taiwan since its establishment in 1945.

To foster interdisciplinary collaboration and the application of forward-thinking research, our faculty members and research fellows have formed dedicated teams. These teams embark on cross-disciplinary projects with a strong emphasis on the humanistic aspects of global environmental change and sustainable development. These projects revolve around five core areas:

1. **Environmental Sustainability:** The "Global Change and Sustainable Science Academic Program" has a primary objective of advancing literacy in sustainable development. As part of this initiative, we introduced the "Sustainable Law Lecture Series" as a pilot program, targeting both teachers and students. This lecture series serves as a platform to foster awareness and understanding of sustainable development principles.





2. **Future Cities:** Building upon the foundation of the "New Initiative and Model of Future Cities," with a central focus on urban planning and space management, we embarked on extensive cross-disciplinary exploration and research. Our efforts encompassed various aspects such as the post-pandemic landscape, the concept of smart cities, shared cities, and bolstering resilience against climate change-related disasters.
3. **Economic Sustainability and Corporate Sustainability:** In a collaborative effort, NTPU's research teams joined forces with prominent national financial holding companies to initiate the "ESG Investment Analysis and Individual Stock Analysis Report." This endeavor aimed to enhance the global competitiveness of green companies in Taiwan. It also sought to establish connections within the international sustainable corporate academic network and facilitate partnerships with experts and research centers in other countries.
4. **Common Property Resources:** A comprehensive field investigation was undertaken to explore the rich cultural heritage of the Haishan region, the very location where NTPU is nestled. This research delved into the historical dynamics of local industries, including coal mining, indigo dyeing, and tea production, shedding light on their evolution over time. As part of our commitment to preserving this heritage, we took the initiative to establish a local history museum. Additionally, we regularly published books on the indigenous knowledge and traditions of the Haishan area, contributing to the ongoing conservation and protection of its unique cultural legacy.
5. **Sustainable Social Care:** With a deepening comprehension of long-term care, NTPU initiated a comprehensive training program in collaboration with industry partners. We also introduced the concept of an integrated elderly service project within the NTPU college town framework. To address the specific needs of the Sanxia and Yingge areas, we conducted extensive social surveys and sustainable projects. In parallel, we established a dedicated social care database for the Yingge region. These efforts collectively aimed at enhancing the quality of elderly care services and promoting social well-being in the community.







## College of Business

### SEED Corporate Sustainability Evaluation Framework and Research of Corporate Sustainability

Since 2007, the College of Business has been dedicated to the development of the SEED Corporate Sustainability Evaluation Framework. In recent years, this framework has garnered significant attention from the financial industry and various government agencies. Over the course of several years, the College of Business has conducted extensive research on corporate sustainability.

In 2018, we took a significant step by establishing the Research Center of Sustainable Development Goals in Business Sector. This center is committed to conducting collaborative research involving government, industry, and academia in the realm of corporate sustainability. Leveraging the distinctive SEED Corporate Sustainability Evaluation Framework, the Research Center formulated a "Taiwan Sustainability Evaluation" model. Notably, we are the pioneering academic institution in Taiwan dedicated to ESG (Environmental, Social, and Governance) evaluation. Our primary goal is to encourage Taiwanese corporations to prioritize ESG and Corporate Social Responsibility (CSR).

In addition to employing tools such as evaluations and indexes to guide industries towards sustainability, we initiated the Taiwan Sustainable Investment Survey in 2020. This survey provides the most up-to-date market insights, aiming to support more small and medium-sized businesses and social enterprises in adhering to ESG standards. Our aspiration is to contribute positively to the environment and society, with a particular focus on promoting food safety and safeguarding farmers' rights. Through "impact investing," we aim to catalyze progress throughout society and industry as a whole.



**1**

## **MAYA: Successful Innovations In Product Function**

**Dr. Thijs Velema, Associate Professor**

*Department of Sociology, College of Social Sciences*

Why do certain innovations thrive while others fade into obscurity? Some propose that the key to successful innovations lies in adhering to the MAYA principle – Most Advanced Yet Acceptable. This principle posits that successful products are those that strike a balance between being cutting-edge and novel while still retaining a sense of familiarity and comprehensibility.

Dr. Velema's research delves into the intricate interplay of innovative and familiar product features that render a product MAYA. The research seeks to answer questions like: Should products exhibit a modicum of innovation across all their attributes, or should they merge highly innovative elements with highly familiar ones? The findings of the research underscore that products tend to achieve greater success when they combine a familiar product form with innovative product functionalities. In essence, innovations in product functions stand a better chance of flourishing when they are seamlessly integrated into products characterized by highly familiar form features.

**2**

## **Next-Generation Vehicular Network Using 6G Features**

**Dr. Chun-Yi Wei, Professor**

*Department of Communication Engineering, College of Electrical Engineering and Computer Science*

This research initiative centers on investigating the next-generation wireless communication technologies specifically tailored for vehicular networks. The sixth-generation vehicular communication technology, denoted as V2X in 6G, holds the promise of significantly advancing future driving safety and autonomous driving. To fully realize these benefits, addressing key challenges related to mobility, channel state information sensitivity, feedback overhead, interference management, and dynamic coverage of V2X is imperative within the 6G framework. Within the expansive scope of 6G, the integration of sensing and communication (ISAC) technologies emerges as a fundamental driver for the evolution of intelligent, interconnected systems. This integration promises heightened efficiency, improved decision-making, and enhanced capabilities across diverse domains, with a particular emphasis on the optimization of vehicular networks. Our research endeavors aim to delve into the enhancement of signaling, interference management, resource allocation, and related aspects of 6G V2X through the exploitation of these promising features. The ultimate objective is to introduce practical, low-overhead solutions that align with the standards of 6G V2X, fostering advancements in vehicular communication technology.



### **3 Research on Low-Light Image Enhancement and Hardware Acceleration**

**Dr. Chi-Chia Sun, Professor**

*Department of Electrical Engineering, College of Electrical Engineering and Computer Science*

This research focuses on low-light image enhancement and hardware acceleration, addressing a critical challenge in autonomous driving systems operating at night or under poor illumination. Low-light conditions often lead to inadequate brightness, excessive noise, and color distortion, which significantly impair the performance of object recognition models such as YOLO. To overcome these limitations, the study proposes advanced image enhancement algorithms and integrates them with hardware acceleration on an Edge AI platform, ensuring both high accuracy and low latency. The approach begins with a multi-stage image processing pipeline that dynamically adjusts brightness and contrast, suppresses noise, and compensates color distortions to improve image quality. Deep learning methods, such as Generative Adversarial Networks (GANs), are then employed to reconstruct finer details and further enhance visual clarity. In parallel, the YOLO detection model is co-optimized with the underlying hardware architecture to maximize efficiency and enable real-time object detection, even on resource-constrained edge devices.

The results of this work not only enhance the perception capabilities of autonomous vehicles in low-light environments but also provide a forward-looking technological foundation for the development of intelligent transportation systems.

### **4 A Cross-National Comparison of Collaborative Governance in Food Supply Chains**

**Dr. Ying-Chen, Lin**

*Department of Real Estate and Built Environment, College of Public Affairs*

This project focuses on comparative studies of Turkey, Taiwan, and other countries, analyzing the policy frameworks, institutional designs, and governance mechanisms of food supply chains, and examining their implications for advancing sustainable food systems. The project will foster academic exchange between scholars in the fields of collaborative governance and food supply chain-related policies, while deepening the application of research outcomes and encouraging joint publications. Through cross-national case studies and policy comparisons, the project aims to clarify the advantages and challenges of different governance models, providing empirical insights to support Taiwan's future development of sustainable food supply chains.



## 5

### **Are We Ready to Unlock Open Banking Service in Taiwan?**

**Dr. Wei-Lun Chang, Distinguished Professor**

*Department of Business Administration, College of Business*

This study investigates the factors influencing the adoption of open banking in Taiwan from both organizational and user perspectives. By integrating the Technology-Organization-Environment (TOE) framework, the Analytic Hierarchy Process (AHP), and the Theory of Planned Behavior (TPB), the research provides a holistic understanding of the issue. The TOE framework highlights that the maturity of technological infrastructure, the extent of internal transformation within banks, and the level of external support from the government are critical determinants for the future implementation of open banking. Building on this, expert insights were incorporated through AHP to identify key indicators, which were then combined with TPB to examine user perceptions and behavioral intentions. The findings not only shed light on the multidimensional challenges and opportunities of open banking in Taiwan but also offer practical recommendations for banks, policymakers, and stakeholders to foster a robust and sustainable open banking ecosystem.





## Scholarships for International Researchers

If eligible, please feel free to apply for the following scholarships

01.

### Invite Foreign Researchers and Experts for Short-Term Visits for Teachers

Provided by: National Taipei University(NTPU), Taiwan

Chinese Version Only



02.

### Invite visiting Foreign Researchers for Teachers

Provided by: National Taipei University(NTPU), Taiwan

Chinese Version Only



03.

### NTPU International Academic Cooperation Seed Fund for Teachers

Provided by: National Taipei University(NTPU), Taiwan

Chinese Version Only



04.

### NTPU International Cooperation Add-on Program for Teachers

Provided by: National Taipei University(NTPU), Taiwan

Chinese Version Only



05.

### Yushan Fellow Program for Teachers

Provided by: Ministry of Education (MOE), Taiwan



06.

### Short Term Research Award (STRA) for Post-doctoral fellows and Ph.D. students

Provided by: Ministry of Education(MOE), Taiwan



07.

### Invite International Science Scholars and Experts to Taiwan for Teachers

Provided by: National Science and Technology Council (NSTC), Taiwan



08.

### Recruitment of Visiting Science and Technology Personnel for Teachers, Post-doctoral fellows

Provided by: National Science and Technology Council (NSTC), Taiwan



09.

### Huayu Enrichment Scholarship (HES) for Teachers, Post-doctoral fellows, and Ph.D. students

Provided by: Ministry of Education(MOE), Taiwan



10.

### MOE APEC Scholarships for Post-doctoral fellows and Ph.D. students from APEC countries

Provided by: Ministry of Education(MOE), Taiwan



11.

### Fulbright Taiwan, Research Awards for American teachers/researchers

Provided by: Fulbright Taiwan



12.

### Fulbright Taiwan, Postdoctoral Scholar Award for American Post-doctoral fellows only

Provided by: Fulbright Taiwan



13.

### Grants from the CCKF for International Scholarly Exchange for Teachers, Post-doctoral fellows, and Ph.D. students

Provided by: Chiang Ching-Kuo Foundation for International Scholarly Exchange



14.

### Research Grant for Foreign Scholars in Chinese Studies for Teachers, Post-doctoral fellows, and Ph.D. students

Provided by: National Central Library, Taiwan



15.

### Taiwan Foundation for Democracy's Fellowships for Teachers, Post-doctoral fellows, and Ph.D. students

Provided by: Taiwan Foundation for Democracy, Taiwan





# Scholarships for International Students



## Scholarships for International Students



If eligible, please feel free to apply for the following scholarships

01.

### **NTPU Tuition Fee Remission and Scholarship for Outstanding Foreign Students for Master and PhD students**

Provided by: National Taipei University(NTPU), Taiwan



Chinese Version Only

02.

### **NTPU Alumni Association Scholarships for Ukrainian Students for Ukrainian Undergraduates, master, and Ph.D. students**

Provided by: National Taipei University(NTPU), Taiwan



Chinese Version Only

03.

### **International Scholarships for Students of NTPU and Excellent High Schools and Universities in Vietnam for Vietnam Undergraduates and master students**

Provided by: National Taipei University(NTPU), Taiwan



04.

### **Taiwan Scholarship Program for Undergraduates, master, and Ph.D. students**

Provided by: Ministry of Education(MOE), Taiwan



05.

### **Huayu Enrichment Scholarship (HES) for Undergraduates, master, and Ph.D. students**

Provided by: Ministry of Education(MOE), Taiwan



06.

### **UMAP Taiwan Exchange Student Scholarship for Exchange students**

Provided by: Ministry of Education(MOE), Taiwan



07.

### **Elite Scholarship Program (limited to South/Southeast Asia) for lecturers or professors pursue graduate/Ph.D. degree**

Provided by: Ministry of Education(MOE), Taiwan



08.

### **MOFA Taiwan Scholarship for Undergraduates, master, and Ph.D. students**

Provided by: Ministry of Foreign Affairs(MOFA), Taiwan



09.

### **TaiwanICDF International Higher Education Scholarship Program for Undergraduates, master, and Ph.D. students**

Provided by: International Cooperation and Development Fund, Taiwan



10.

### **E.SUN Bank ASEAN Scholarship for Thailand, Vietnam, Cambodia, and Myanmar master students**

Provided by: E.SUN Commercial Bank



Chinese Version Only



# Colleges and Departments

○ Fully offered in English; □ Partially offered in English; △ Chinese Only

College	Department/Graduate Institute/Program	Bachelor	Master	Ph.D
<b>International College of Sustainability Innovations</b>	International Program on Urban Governance (IPUG)		○	
	Master Program of Business Administration (MBA in Finance)		○	
	Master Program in Smart Healthcare Management		○	
	Bachelor Program in Smart Sustainable Development and Management	○		
	Bachelor Program in Innovative Teaching Chinese as a Second Language	□		
<b>Law</b>	Law	□	□	□
<b>Business</b>	Business Administration	□	□	□
	Finance and Cooperative Management	□	□	
	Accountancy	□	□	△
	Statistics	□	□	
	Leisure and Sport Management	□		
	Graduate Institute of International Business		□	
	Graduate Institute of Information Management		□	
<b>Public Affairs</b>	Public Administration and Policy	□	□	□
	Public Finance	□	□	
	Real Estate and Built Environment	□	△	△
	Graduate Institute of Urban Planning		△	△
	Graduate Institute of Natural Resource Management		△	△
<b>Social Sciences</b>	Economics	□	□	□
	Sociology	□	□	
	Social Work	□	□	
	Graduate School of Criminology		□	
<b>Humanities</b>	Chinese Literature	△	△	
	Foreign Languages and Applied Linguistics	○		
	History	△	△	
	Graduate Institute of Folk Arts and Cultural Heritage		△	
<b>Electrical Engineering and Computer Science</b>	Computer Science and Information Engineering	□	□	□
	Communication Engineering	□	□	□
	Electrical Engineering	□	○	○



# Academic Calendar

## Fall Semester



<b>Semester period</b>	September-December
<b>Nomination Deadline</b>	April 15th
<b>Application Deadline</b>	April 30th
<b>Winter Break</b>	January to Late February

## Spring Semester



<b>Semester period</b>	February-June
<b>Nomination Deadline</b>	October 15th
<b>Application Deadline</b>	October 31st
<b>Summer Break</b>	Mid June to Early September



## Exchange Program Application Procedures

Please contact our Coordinator of International Students (oiastudent@gm.ntpu.edu.tw) to get the link to our On-line Application.

### Required Documents for Application:

1. Certificate of Enrollment at home institution

2. Official transcript at home institution (English)

3. Certificate of health (English)

4. Statement of Purpose or Study Plan (English)

5. Letter of Recommendation

6. One color 2-inch Photo (bust and hatless)

7. Copy of the applicant's passport's biological page

8. Certificate of Language

### Language and GPA Requirements

English	Proficiency in English is expected to be equivalent to CEFR B2 level (such as TOEFL (iBT) 72, IELTS 5.5, TOEIC 785) or above or based on the agreement.
Chinese	CEFR B1 or CEFR B2 level (requirements vary by department; please refer to the fact sheet for details)
GPA	Minimum of GPA 2.75 on a 4.0 scale



# Courses Taught in English in 2024-2025

College	Department	Course Name	Fall Semester	Spring Semester	Credit	Teaching Hour
Chinese Language Center	Chinese Language Center	Basic Mandarin (1)	✓		4	4
		Basic Mandarin (2)			4	4
		Chinese for Business (CEFR A2)	✓		2	2
		Chinese for Business (CEFR B1)		✓	2	2
		Intermediate Mandarin (1)	✓	✓	4	4
		Intermediate Mandarin (2)	✓	✓	4	4
		Advanced Mandarin (1)	✓	✓	4	4
		Advanced Mandarin (2)	✓	✓	4	4
		Advanced Mandarin (3)	✓	✓	4	4
		Advanced Mandarin (4)	✓		4	4
		High Intermediate Mandarin (1)	✓	✓	4	4
		High Intermediate Mandarin (2)	✓	✓	4	4
		Learning Chinese Through News (CEFR B2)		✓	2	2
		Mandarin (1)	✓	✓	2	2
		Mandarin (2)	✓	✓	2	2
		Mandarin (3)		✓	2	2
		Mandarin (4)		✓	2	2
		Mandarin Listening and Speaking (CEFR A2)	✓		2	2
		Mandarin Listening and Speaking (CEFR B1)		✓	2	2
		Mandarin pronunciation and oral expression (CEFR B1)		✓	2	2
		Mandarin Pronunciation and Oral Expression (CEFR A2)	✓	✓	2	2
		Mandarin Reading and Writing (CEFR A2)	✓	✓	2	2
		Mandarin Reading and Writing (CEFR B2)	✓	✓	2	2
		Practical Chinese writing (CEFR B1)	✓		2	2
		Selected Readings in Business (CEFR B1)	✓		2	2
		Selected Readings in Sustainability Issues (CEFR B1)		✓	2	2
		Everyday Chinese: Travel (CEFR B1)		✓	2	2
		Everyday Chinese: Cuisine (CEFR B1)	✓		2	2
		Chinese for Business (CEFR B2)		✓	2	2
		Exploring Chinese Characters (CEFR A2)	✓	✓	2	2
		Selected Readings in Business (CEFR B1)	✓		2	2
		Taiwanese History in Old Photos (CEFR B2)		✓	2	2
		Presentation Visual Design and Oral Skills (CEFR B2)		✓	2	2
		Exploring Chinese Characters (CEFR B1)		✓	2	2
International College of Sustainability Innovations	Master Program of Business Administration in Finance	Accounting	✓	✓	3	3
		Artificial Intelligence	✓		3	3
		Artificial Intelligence in Finance and Quantitative Analysis		✓	3	3
		Bond Markets and Trading Analysis	✓		3	3
		Business Ethics and Sustainable Development	✓	✓	1	1
		Calculus	✓	✓	3	3
		Corporate Social Responsibility		✓	3	3
		Consumer Behavior Research	✓		3	3
		Economics	✓	✓	3	3
		Entrepreneurship and New Service Management		✓	3	3
		Financial Econometrics		✓	3	3
		Financial Management	✓		3	3
		Financial Statement Analysis	✓		3	3
		Financial Time Series Analysis	✓	✓	3	3
		Financial Computing		✓	3	3
		Green Environmental Management	✓		3	3
		Innovation Management		✓	3	3
		International Finance		✓	3	3
		International Financial Management		✓	3	3
		Investments		✓	3	3
		Management Information System	✓		3	3
		Operations Management	✓		3	3
		Options, Futures and Other Derivatives		✓	3	3
		Organization Theory and Behavior		✓	3	3
		Research Methodology	✓	✓	3	3
		Seminar on Consumer Research		✓	3	3
		Seminar on Cross-cultural management and research		✓	3	3
		Seminar on Corporate Governance	✓		3	3
		Seminar on Financial Institutions Management	✓		3	3
		Seminar on Real Estate	✓		3	3
		Seminar on Quality Management		✓	3	3
		Software Engineering		✓	3	3
		Statistics		✓	3	3
		Strategy Management	✓		3	3
		Sustainability and ESG Data Analytics	✓		3	3
		Sustainable Finance		✓	3	3
		The Literacy of Financial Ethics	✓		1	1
		Theory of International Finance	✓	✓	3	3
		Theory of International Trade		✓	3	3
		Thesis (Projects)		✓	0	2



# Courses Taught in English in 2024-2025

College	Department	Course Name	Fall Semester	Spring Semester	Credit	Teaching Hour
International College of Sustainability Innovations	International Program on Urban Governance	Academic Writing		✓	3	3
		City Competitiveness and Urban Marketing		✓	3	3
		City diplomacy and network	✓		3	3
		Data Mining	✓		3	3
		Global Housing Policies	✓		2	2
		Globalisation and Geopolitics	✓		3	3
		Green Environmental Management	✓		3	3
		International Social Work	✓		3	3
		Machine Learning	✓		3	3
		Management Information System	✓		3	3
		Mobility and Urban Cultures		✓	3	3
		Newly Industrialized Countries and Regional	✓		3	3
		Political Economic Development				
		Public Choice		✓	3	3
		Qualitative Research Methods		✓	2	2
		Quantitative Data Analysis	✓	✓	2	2
		Research Methodology		✓	2	2
		Real Estate Case Study		✓	2	2
		Resilience theory and applications in environmental planning		✓	3	3
		Seminar on Urban Governance (1)	✓		2	2
		Seminar on Urban Governance (2)		✓	2	2
		Software Engineering		✓	3	3
		Spatiality and Meanings: The Critical Perspective on	✓		3	3
		Space in Culture and Society				
		Sustainability and ESG Data Analytics	✓		3	3
		Sustainable and resilient cities		✓	2	2
		Sustainable Urban Tourism	✓		3	3
		The Practice of Geographic Information System	✓		3	3
		Theory and Practice of Governance	✓		2	2
		Thesis (Projects)	✓		0	2
		Topics in Urban Public Finance		✓	2	2
		Topics in Urban Economic Development	✓		2	2
		Urban Geography		✓	3	3
		Urban Planning and Public Health	✓		2	2
		Health Economics and Policy	✓		2	2
		Urban sociology and community resilience	✓		3	3
	Master Program in Smart Healthcare Management	Academic Writing		✓	3	3
		Artificial Intelligence in Finance and Quantitative Analysis		✓	3	3
		Biostatistics	✓		2	2
		Computer Programming		✓	3	3
		Data Mining	✓		3	3
		Financial Management	✓		3	3
		Generative AI Innovative Applications		✓	3	3
		Healthcare System	✓		2	2
		Healthcare Informatics	✓		3	3
		Health Economics and Policy	✓		2	2
		Innovation Management		✓	3	3
		International Social Work	✓		3	3
		Management Information System	✓		3	3
		Research Methodology	✓	✓	3	3
		Smart health integrate management		✓	3	3
		Smart Healthcare Management Seminar	✓		2	2
		Software Engineering		✓	3	3
		Strategy Management	✓		3	3
		Sustainability and ESG Data Analytics	✓		3	3
		Thesis (Projects)		✓	0	2
	Bachelor Program in Innovative Teaching Chinese as a Second Language	Telemedicine Technologies	✓		3	3
		Urban Planning and Public Health	✓		2	2
		Advanced Mandarin (1)	✓	✓	4	4
		Advanced Mandarin (2)	✓	✓	4	4
		Advanced Mandarin (3)	✓	✓	4	4
		Advanced Mandarin (4)	✓		4	4
		Academic Chinese (CEFR B2)		✓	2	2
		Basic Mandarin (1)	✓		4	4
		Basic Mandarin (2)	✓		4	4
		Intermediate Mandarin (1)	✓	✓	4	4
		Intermediate Mandarin (2)	✓	✓	4	4
		High Intermediate Mandarin (1)	✓	✓	4	4
		High Intermediate Mandarin (2)	✓	✓	4	4
		Chinese Character Teaching	✓		2	2
		Chinese Pop Song Culture	✓		2	2
		Chinese Community and Culture		✓	2	2



# Courses Taught in English in 2024-2025

College	Department	Course Name	Fall Semester	Spring Semester	Credit	Teaching Hour
International College of Sustainability Innovations	Bachelor Program in Innovative Teaching Chinese as a Second Language	Chinese Culture: Chinese Calligraphy		✓	2	2
		Chinese for Business (CEFR A2)	✓		2	2
		Chinese for Business (CEFR B1)		✓	2	2
		Chinese for Business (CEFR B2)		✓	2	2
		Cultural Tourism Guide in Haishan Area	✓		2	2
		Exploring Chinese Characters (CEFR A2)	✓	✓	2	2
		Exploring Chinese Characters (CEFR B1)		✓	2	2
		Elementary Taiwanese	✓		2	2
		Everyday Chinese: Cuisine(CEFR B1)	✓		2	2
		Everyday Chinese: Travel (CEFR B1)		✓	2	2
		History and Culture of Taiwan	✓		2	2
		Guided Tour of National Palace Museum Masterpieces	✓		2	2
		Intercultural Communication in Chinese Language		✓	2	2
		Introduction to Chinese Language Teaching	✓		2	2
		Introduction to Chinese Linguistics	✓		2	2
		Introduction to Taiwan Tourism Industry and Chinese Applications		✓	2	2
		Learning Chinese Through News (CEFR B2)		✓	2	2
		Mandarin Listening and Speaking (CEFR A2)	✓		2	2
		Mandarin Listening and Speaking (CEFR B1)		✓	2	2
		Mandarin Pronunciation and Oral Expression (CEFR A2)	✓		2	2
		Mandarin pronunciation and oral expression (CEFR B1)		✓	2	2
		Mandarin Reading and Writing (CEFR A2)	✓	✓	2	2
		Mandarin Reading and Writing (CEFR B2)	✓	✓	2	2
		Mandarin Oral Expression (CEFR B1)		✓	2	2
		Practical Chinese writing (CEFR B1)	✓		2	2
		Selected Readings in Shiji Stories (CEFR B2)	✓		2	2
		Selected Readings in Business (CEFR B1)	✓		2	2
		Taiwanese History in Old Photos (CEFR B2)		✓	2	2
		Selected Readings in Sustainability Issues (CEFR B1)		✓	2	2
		Presentation Visual Design and Oral Skills (CEFR B2)		✓	2	2
	Bachelor Program in Smart Sustainable Development and Management	Accounting	✓	✓	3	3
		Artificial Intelligence and Business Application	✓		3	3
		Big Data and Data Mining		✓	3	3
		Business Ethics and Sustainable Development	✓		1	1
		Climate Change and Extreme Weather		✓	3	3
		Climate Change and Sustainable Energy		✓	2	2
		Computer Programming	✓		3	3
		Economics	✓	✓	3	3
		Financial Management	✓		3	3
		Financial Statement Analysis	✓		3	3
		Green Environmental Management	✓		3	3
		Introduction to International Sustainability and Innovation		✓	2	2
		Investments		✓	3	3
		Mandarin (1)	✓	✓	0	2
		Mandarin (2)	✓	✓	0	2
		Machine Learning		✓	3	3
		Politics of the Environment	✓		3	3
		Python Programming		✓	3	3
		Real Estate Case Study	✓	✓	2	2
		Statistics		✓	3	3
		Seminar on Corporate Governance	✓		3	3
		Sustainable Development and Management	✓		3	3
		Sustainable and resilient cities		✓	2	2
		The Practice of Geographic Information System	✓		3	3
		Theory and Practice of Governance		✓	3	3
		World Cultures and Sustainable Development	✓		2	2
Center for General Education	Center for General Education	AI Application in Health Economics and Financial Management	✓	✓	3	3
		An Introduction to Slavic Languages and Cultures	✓	✓	2	2
		European Union: Transnational Law and Policies	✓	✓	2	2
		Future Cities – the anthropological perspective	✓		2	2
		Introduction of Life Science		✓	2	2
		International Etiquette and Culture		✓	2	2
		Law and Society		✓	2	2
		Language and Mind	✓		2	2
		Humor and Life	✓		2	2
		Natural Science and Contemporary World	✓	✓	2	2
		Quo Vadis?-Walking Through European Cities		✓	2	2
		Social Networks and Contemporary Cities		✓	2	2
		Space and place-making under social dimension	✓		2	2



# Courses Taught in English in 2024-2025

College	Department	Course Name	Fall Semester	Spring Semester	Credit	Teaching Hour
<b>Center for General Education</b>	<b>Center for General Education</b>	Sports and Digital Health	✓	✓	3	3
		The power of short stories	✓	✓	2	2
		Tourism English for Hai Shan Area	✓		2	2
		Travelling, Literature and Geography		✓	2	2
		The European Capitals of Culture and Sustainability		✓	2	2
		World Cultures and Sustainable Development	✓		2	2
<b>College of Business</b>	<b>Department of Business Administration</b>	Accounting	✓	✓	3	3
		Business Computer Programming	✓		3	3
		Business Ethics and Sustainable Development	✓	✓	1	1
		Calculus	✓	✓	3	3
		Consumer Behavior Research	✓		3	3
		Digital Transformation in Enterprise	✓	✓	3	3
		E-Marketing	✓		3	3
		Economics	✓	✓	3	3
		Entrepreneurship and Venture Capital		✓	3	3
		Financial Management	✓		3	3
		Financial Statement Analysis	✓		3	3
		Green Environmental Management	✓		3	3
		Human Resource Management	✓		3	3
		Information Management		✓	3	3
		Innovation Management		✓	3	3
		International Finance		✓	3	3
		International Financial Management		✓	3	3
		Introduction to Computer Science and Programming	✓	✓	2	2
		Investments		✓	3	3
		Marketing Management	✓		3	3
		Marketing Management in Small Business	✓		3	3
		Operations Management		✓	3	3
		Options, Futures and Other Derivatives		✓	3	3
		Organization Theory and Behavior	✓	✓	3	3
		Quality Management		✓	3	3
		Reviewing a Research Field	✓		3	3
		Seminar on Consumer Research		✓	3	3
		Seminar on Marketing Management		✓	3	3
		Statistics	✓	✓	3	3
		Strategy Management		✓	3	3
	<b>Department of Accountancy</b>	Accounting	✓	✓	3	3
		Accounting Information System	✓	✓	3	3
		Auditing	✓	✓	3	3
		Business Ethics and Sustainable Development		✓	1	1
		Calculus	✓	✓	3	3
		Cost and Managerial Accounting	✓	✓	3	3
		Economics	✓	✓	3	3
		English For Professional Accountancy		✓	2	2
		Introduction to Computer Science and Programming	✓	✓	2	2
		Intermediate Accounting	✓	✓	4	4
		Python for Accounting Applications	✓		3	3
		Statistics	✓	✓	3	3
	<b>Department of Statistics</b>	Accounting Information System	✓	✓	3	3
		Big Data Analysis		✓	3	3
		Business Ethics and Sustainable Development		✓	1	1
		Data Mining	✓		3	3
		Economics	✓	✓	3	3
		Experimental Design	✓		3	3
		Introduction to Computer Science and Programming	✓	✓	2	2
		Introduction to Probability	✓		3	3
		Investments	✓		3	3
		Survey Sampling		✓	3	3
		Statistical Inference		✓	3	3
		Statistics	✓	✓	3	3
	<b>Department of Leisure and Sport Management</b>	Business Ethics and Sustainable Development	✓		1	1
		Calculus	✓	✓	3	3
		Creative Cities		✓	2	2
		Introduction to Tourism	✓		3	3
		Introduction to Leisure	✓		3	3
		Introduction to Computer Science and Programming	✓	✓	2	2
		International Sport Governance and Politics	✓		3	3
		Leadership and Group Dynamics in Recreation Management		✓	3	3
		Outdoor Recreation	✓		3	3
		Sport and Society	✓		3	3
		Sport Development		✓	3	3
		Statistics	✓	✓	3	3
		Sustainable Urban Tourism	✓		3	3



# Courses Taught in English in 2024-2025

College	Department	Course Name	Fall Semester	Spring Semester	Credit	Teaching Hour
College of Business	Finance and Cooperative Management	Artificial Intelligence in Finance and Quantitative Analysis		✓	3	3
		Calculus	✓	✓	3	3
		Economics	✓	✓	3	3
		Financial Statement Analysis		✓	3	3
		Financial Management	✓		3	3
		Financial Computing		✓	3	3
		International Finance	✓		3	3
		Investments		✓	3	3
		International Financial Management		✓	3	3
		Money and Banking		✓	3	3
		Risk Management and Insurance	✓		3	3
		Statistics	✓	✓	3	3
		Sustainable Finance		✓	2	2
	Graduate Institute of Information Management	Artificial Intelligence	✓		3	3
		Artificial Intelligence in Finance and Quantitative Analysis		✓	3	3
		Cloud Computing	✓		3	3
		E-Marketing	✓		3	3
		Generative AI Innovative Applications		✓	3	3
		Seminar on the Development and Management of Information Systems		✓	3	3
		Seminar on Internet Consumer Behavior		✓	3	3
		Software Engineering		✓	3	3
	Graduate Institute of International Business	Sustainability and ESG Data Analytics	✓		3	3
		Business Ethics and Sustainable Development	✓		1	1
		International Marketing Management	✓		3	3
		Communication in Business	✓		3	3
		Organization Theory and Behavior	✓		3	3
		International Business Management		✓	3	3
		Business Research Methods		✓	3	3
		Theory of International Finance	✓	✓	3	3
College of Public Affairs	Department of Public Administration and Policy	Theory of International Trade		✓	3	3
		Climate Change and Sustainable Energy		✓	2	2
		Global Political Economy and Public Policy	✓		3	3
		Introduction to European Integration	✓		2	2
		Introduction to International Politics		✓	2	2
		Professional English in Public Administration	✓	✓	2	2
	Department of Public Finance	Seminar in Globalization and Public Administration	✓		2	2
		Calculus	✓	✓	3	3
		Behavioral Public Economics	✓	✓	2	2
		Natural Resource Economics	✓		2	2
		Urban Economics and Policy	✓		2	2
	Department of Real Estate and Built Environment	Advance International Real Estate Case Study	✓		2	2
		Calculus	✓	✓	3	3
		Global Housing Policies	✓		2	2
		Urban Development	✓		2	2
		Space and Place-making under Social Dimension	✓		2	2
		Real Estate Case Study		✓	2	2
	Graduate Institute of Urban Planning	Sustainable and resilient cities		✓	2	2
		Resilience theory and applications in environmental planning		✓	3	3
		Lecture Series on Professional Planning		✓	2	2
		Calculus	✓	✓	3	3
College of Social Sciences	Economics	Demographic Change, Economic Growth and Economic Development		✓	3	3
		Financial Management	✓		3	3
		Financial Market Analysis I		✓	3	3
		Game Theory	✓		3	3
		International Economics	✓	✓	2	2
		Machine Learning		✓	3	3
		Macroeconomics	✓	✓	3	3
		Microeconomics	✓	✓	3	3
		Money and Banking	✓		2	2
		Programming for Data Science I	✓		2	2
		Public Economics	✓		2	2
		Sociology		✓	3	3
		Statistics	✓	✓	3	3
	Sociology	Economics		✓	3	3
		Men's Studies	✓		3	3
		Organizations	✓		3	3
		Psychology		✓	3	3
		Social Studies Global Lecture Series		✓	3	3
		Urban sociology and community resilience	✓		3	3



# Courses Taught in English in 2024-2025

College	Department	Course Name	Fall Semester	Spring Semester	Credit	Teaching Hour
College of Social Sciences	Social Work	Economics		✓	3	3
		Photovoice and Participatory Action Research	✓		3	3
		International Social Work	✓		3	3
		Mental Health		✓	3	3
	Graduat School of Criminology	Law and Society		✓	2	2
College of Electrical Engineering and Computer Science	Electrical Engineering	Advanced Database System	✓		3	3
		Advanced Mask Technology in Semiconductor IC Manufacturing		✓	3	3
		Analysis and Layout of Mixed-Signal IC		✓	3	3
		Chip Inspection Technology		✓	3	3
		Computational Lithography Technology for Integrated Circuit Manufacturin	✓		3	3
		Control Systems		✓	3	3
		Embedded Systems Design and Applications		✓	3	3
		Deep Learning for Image Analysis	✓		3	3
		Design and Analysis of Fault-Tolerant Computer Systems	✓		3	3
		Design and Application of Intelligent Electronics			3	3
		Design of Digital Integrated Circuits and Systems			3	3
		Digital Control Systems	✓	✓	3	3
		Digital System Laboratory			1	3
		Electronic Circuits Lab. I	✓	✓	1	3
		Electronic Circuits Lab.II			1	3
		FPGA System Design	✓		3	3
		Fuzzy Control	✓		3	3
		High Level Synthesis of SoC FPGA Design	✓	✓	3	3
		Intelligent Control		✓	3	3
		Internet of Things			3	3
		Machine Learning	✓		3	3
		Microprocessor Systems	✓	✓	3	3
		Optoelectronic Devices and Microsensors			3	3
		Probability and Statistics	✓	✓	3	3
		PLL Design and Applications		✓	3	3
		Semiconductor Device and Physics		✓	3	3
		Signals and Systems			3	3
		Software Engineering	✓		3	3
	Computer Science and Information Engineering	Artificial Neural Networks and Deep Learning	✓		3	3
		Data Mining	✓		3	3
		Digital System Laboratory	✓		1	3
		Digital Systems Design		✓	3	3
	Communication Engineering	Digital Communications	✓		2	2
		Queueing Theory		✓	3	3
		Wireless Communications		✓	3	3
College of Law	Law	Introduction to American Labor Law	✓		2	2
		Legal English I	✓		2	2
		Legal English II		✓	2	2
		Seminar: International Law Moot Court I	✓		2	2
		English Conversation	✓	✓	2	2
College of Humanities	Foreign Languages and Applied Linguistics	English Conversation for Specific Purpose: Literature & Cultural Industries	✓	✓	2	2
		English Conversation for Specific Purpose: Oral Communications on News Topics	✓	✓	2	2
		English Conversation for Specific Purpose: Tourism English	✓	✓	2	2
		English Conversation for Specific Purposes: Business Conversation	✓	✓	2	2
		Approaches to English Personal Essay	✓		2	2
		Appreciation and Studies of English Picture Storybooks for Children		✓	2	2
		English Phonetics		✓	2	2
		English Speech	✓		3	3
		Learning Strategies and Language Learning		✓	2	2
		Teaching English Writing	✓		2	2
		Western Theater		✓	2	2



# International Degree Programs

## Master Program of Business Administration in Finance (MBA in Finance)



Launched in 2013, the MBA in Finance aims to enrich the students' educational experiences by creating a more effective global study environment. Its curriculum provides students with a deep understanding and essential analytical skills for success in financial services and corporate finance positions. While the internship course is optional, it is strongly encouraged. Students also have the flexibility to choose a study track, specializing in finance or management. Additionally, students must take designated Chinese language courses, which are offered free of charge as part of the program.

## International Program on Urban Governance (IPUG)



The IPUG stands as an innovative urban management program, creatively confronting urban challenges. Its comprehensive curriculum encompasses sustainability, real estate, big data, and urban governance, incorporating dynamic teaching methods such as field studies. Through international exchanges, students broaden their networks, augmenting their future career opportunities. Graduates can pursue roles as city managers, planners, researchers, educators, or even become lecturers and professors. In essence, IPUG empowers students to adeptly address urban issues. With practical skills, global exposure, and a spectrum of career prospects, it proves to be a valuable investment for those navigating the complexities of urban challenges.

## The Master Program in Smart Healthcare Management (SHM)



Launched in 2021, the SHM represents a pioneering cross-disciplinary endeavor, integrating IT, management, and healthcare. Its primary mission is to forge a cohesive digital healthcare ecosystem that interconnects medical resources and services. This innovative program, situated at the intersection of IT, management, and healthcare, pioneers the advancement of digitalized healthcare systems. It harnesses the combined expertise of various institutions, with Taipei Medical University playing a significant role, and collaborates closely with En-Chu-Kong Hospital. Together, they provide essential education, empowering students with the skills and knowledge vital for navigating the ever-evolving healthcare landscape.

## The Bachelor Program in Smart Sustainable Development and Management (SSDM)



The SSDM focuses on two core dimensions: sustainable financing and management, and sustainable development and governance. In the first two years, this program fosters students' understanding of sustainable development and management with initial courses covering topics like artificial intelligence/big data and program design, bolstering information literacy and analytical skills. In their junior and senior years, students choose elective courses based on their interests, strengthening their professional competence. The Courses aim to improve employability and professional expertise, emphasizing climate, environmental changes, related industries, and research.

## The Bachelor Program in Innovative Teaching Chinese as a Second Language (ITCSL)



The ITCSL integrates Chinese language resources from various departments, graduate institutes, and colleges. Setting it apart from traditional departments, the ITCSL program is designed to be flexible and adaptable to evolving environmental conditions. It not only employs qualified and experienced teachers equivalent to those in established departments but also excels in overcoming the challenges faced by mature organizations in making timely adjustments to meet changing needs. Through its flexible curriculum planning, ITCSL caters to the Chinese language learning requirements of international students, regardless of their prior language proficiency levels. This approach enables students to fully experience the distinctive organizational features of this degree program.



# International Degree Programs

## Ph.D. program in College of Electrical Engineering and Computer Science



The Ph.D. program in College of Electrical Engineering and Computer Science is open to students who have a master's degree and are dedicated to research, where their abilities for developing practical applications in technology and high-level integration of electrical engineering and computer science will be honed. We offer courses in intelligent computing, IC design, and information and communication engineering, where we expect students will be interested in learning, accomplishing useful research and developing teamwork.

Ph.D. courses in electrical engineering and computer science have three major areas: Computer Science, Electrical Engineering and Communication Engineering.



## Chinese Language Center (CLC)

The Chinese Language Center (CLC), affiliated with the International College of Sustainability Innovations (ICSI) and established in August 2022, primarily aims to provide a wide range of Chinese language learning resources to international, joint dual-degree, and exchange students at National Taipei University (NTPU). Once the primary objective is achieved, international students are placed into appropriate classes based on their Chinese language proficiency levels.

Furthermore, the CLC collaborates with relevant departments to assess the Chinese language proficiency of NTPU's overseas Chinese student population. It tailors Chinese language courses to match students' proficiency levels, enhancing their effectiveness in professional learning. Additionally, our existing teaching resources and methods enable us to extend Chinese language programs to non-student foreigners residing in Sanxia. Despite Sanxia's numerous amenities, foreign residents seeking to learn Chinese have had to explore alternative course offerings.

## Credit System:

1 credit = 18 teaching hours (16 weeks)

## Grading System:

90-100	85-89	80-84	77-79	73-76	70-72	67-69	63-66	60-62	59 & below
A+	A	A-	B+	B	B-	C+	C	C-	F
4.3	4.0	3.7	3.3	3.0	2.7	2.3	2.0	1.7	0

## Course Selection Notices

Exchange students attending NTPU must complete **at least one course** from their corresponding host department, institute or program each semester.



# Insurance

For students who are joining NTPU's on-campus exchange program, they are required to purchase their own insurance in their home country before traveling to Taiwan. We strongly recommend that exchange students secure insurance that covers medical expenses and accidents while abroad. The insurance documents should be available in either English or Chinese and should be submitted to our office upon their arrival.

In the event that a student forgets to purchase insurance in their home country, they still have the option to obtain it through their country's insurance company after arriving at NTPU. However, it's important to note that the insurance premium will be higher in such cases.

## Estimated Living Expenses for Exchange Students (USD)



**Housing**  
405-550 / Semester



**Mobile Phone**  
30-50 / Month



**Food and Necessities**  
300-400 / Month



**Transport or Other Living Expenses**  
100-170 / Month



**Text Books**  
100 / Semester



**Student Group Insurance (Mandatory)**  
12 / Semester





# Housing

## Environment

The Sanxia Campus Student Dormitory is located near the shore of the Mind Lake and has a beautiful environment. The dormitory buildings are separated, with the Dawning Sun Building, the Shining Moon Building, the Glistening Star Building and the Glorious Morn Building standing around a mutual playground called Roman Square.

## Room Furniture

There are 2-person, 3-person, and 4-person bedroom suites with private bathrooms and balconies, all with good indoor lighting, ventilation, and privacy. Outsourced Internet, air-conditioning and in-room telephone extensions are provided.

## Public Space

Each floor has a lounge (including water fountain, while certain floors have TVs and refrigerators) and a laundry room (with washer, dryer, laundry spinner, laundry sink) to facilitate student contact and to improve the living convenience.

Each building is equipped with reading rooms and dormitory kitchenette (with rice cookers, induction cookers, microwave ovens, ovens, and sinks) in order to make it easier for students to study and maintain a healthy diet at the same time.

A gym and table tennis room has been set up in B1 of the dormitory area to provide students with leisure and fitness facilities.

## Web Page Information

For details, please visit the website of the Student Housing Service Section.



## Sanxia Campus Dormitory and Charges (USD)

	Shining-Moon Building	Dawning-Sun Building	Glistening-Star Building	Glorious Morn Building
Types of room	Room for 3 or 4 people	Room for 3 or 4 people	Twin room	Room for 4 people
Payment	370 dollars / semester	370 dollars / semester	440 dollars / semester	567-600 dollars / semester
	Winter break: 92 dollars	Winter break: 92 dollars	N/A	Summer break: 250-250 dollars
	Summer break: 184 dollars	Summer break: 184 dollars	N/A	Summer break: 250-250 dollars

## Remarks

1. Deposit: 67 dollars
2. Electricity fee = public electricity bill + personal electricity bill
3. Wifi network: 17 dollars/person 1 semester







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