



Formosa Talent Internship Program

2023



Formosa Talent Internship Program

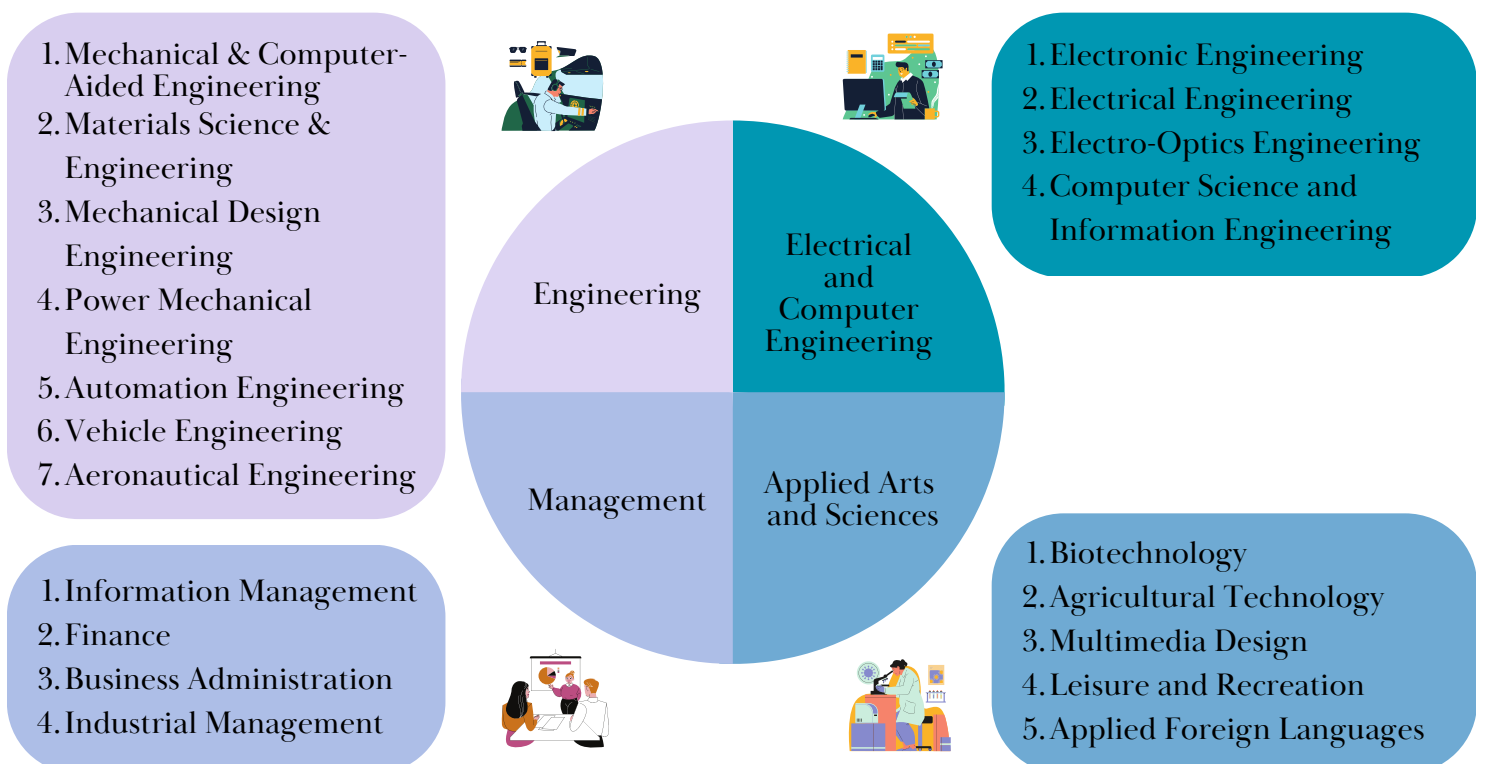
Introduction of National Formosa University

National Formosa University (NFU) is in central Taiwan with historical buildings and a beautiful farm landscape in Hu-Wei Township. Hu-Wei is a good living environment and convenient High Speed Rail transportation connected to the rest of Taiwan.

NFU is a top 5 technology university and we are famous for its research on mechanical engineering, aeronautical engineering, smart machinery, intelligent manufacturing and industrial management, etc.

NFU has 4 colleges and 20 departments; and, there are 18 Master Degree Program and 2 Ph.D. Degree Program.

Under the support of the Ministry of Education, we are pursuing international collaborative opportunities including the degree program, exchange program, talent internship and joint research with outstanding partner universities.





Formosa Talent Internship Program

Features of Formosa TIP

Formosa Talent Internship Program (Formosa TIP) is an international collaboration established by National Formosa University, Taiwan.

Formosa TIP enhances the spirit of Taiwan Experience Education Program supported by the Ministry of Education.

Formosa TIP covers 4 areas including [Engineering Technology Hub](#), [Aviation Hub](#), [Business Hub](#) and [English Tutor Hub](#) for the talents training.

Formosa TIP encourages foreign students from partner Universities to participate in short-term professional internship projects at NFU Laboratories and Research Centers.

Formosa TIP features cultural immersion activities to improve language, cultural fluency and to ease participants into students' internship in Taiwan.

Formosa TIP helps foreign students communicate with Chinese speakers around the world while Taiwan is an ideal place for international students who want to learn Mandarin Chinese.

Formosa TIP allows international students to gain an in-depth educational experience in Taiwan, while also preparing themselves for the Asian job market.

By establishing the Formosa Talent Internship Program, National Formosa University would like to invite students to experience from the professional exchange courses and practice the research work in the following areas.



Formosa TIP

HIGHLIGHT RESEARCH

International Engineering Technology Talent Hub

1. Gear Research
2. Machine Diagnosis
3. Advanced Forging-Stamping & Engineering
4. Green Energy
5. Auto. Machinery & Robot Combination Sensing
6. Plasma & Surface Engineering
7. Biomechartronics
8. Smart Sensor and Actuator
9. Embedded System/Multimedia Network Application
10. Fiber Optics Packaging
11. AI/ IoT Engineering System Design
12. Optical Sensor & System
13. Cloud Computing & Intelligent System
14. Machine Learning & Software/Hardware Co-Design
15. Advanced Nano Optoelectronics
16. Electromagnetic Measurement
17. FPGA Circuits Design & Embedded Systems
18. Coherent Control
19. Medical Device, Creative Design, Patenting Strategy, Technical Startup
20. Food Processing
21. Biomimetic Technology, Agricultural Wastes Reusing
22. Environmental Toxicology & Nano-Toxicology
23. Biophotonic & Biomaterials
24. Mixed Reality & Game AI Fiber Optical Com. & Sensing
25. User Interface Design/ User Experience (UX)





Formosa TIP

HIGHLIGHT RESEARCH

International Aviation Talent Hub

1. Aircraft Maintenance Training: 147 Cat. A1, Cat. B1 & Avionics
2. UAV Vehicle Design/Build/Flight: Fix Wing, eVTOL, Multi Rotor
3. UAV Traffic Management: Flight Control, Navigation, Guidance
4. UAV Applications: Cargo, Inspection, Agriculture
5. Airline Operators/Maintenance Management





Formosa TIP

HIGHLIGHT RESEARCH

International Business Talent Hub

1. Corporate Finance and Governance
2. High Frequent Data Analysis and Behavioural Finance
3. Assets Management and Portfolio Management
4. Securities Investment and Financial Analysis
5. Investment and Risk Management
6. FinTech and Carbon Emission Trading
7. Network System Design
8. Network Security
9. Information Analysis and Management
10. Fuzzy Decision Analysis
11. Data Mining and Intelligent System Design
12. E-Learning and Mobile Commerce
13. Consumer Behavioural Analysis
14. Innovation and Entrepreneurship
15. Strategic Management
16. Retailing Marketing Management
17. Service Industry Management
18. Network Management
19. Supply Chain Management
20. Quality Management
21. Production Management
22. Operations Research and Decision Analysis
23. Mathematical Programming and AI Algorithms





Formosa TIP

HIGHLIGHT RESEARCH

International English Tutor Hub

Aim:

- ✓ Opportunities for Taiwanese students to interact with international students.
- ✓ Pre-trained stage for Taiwanese candidates to overseas programs.
- ✓ Diverse Culture and Bilingual Learning Environment.

Target:

- ✓ Major in TEFL/TESL/TESOL/Education etc.
- ✓ Native Speaker of English.
- ✓ None-Native Speaker with B2 English Ability.

CERF	TOEIC	NEW TOEIC	IELTS	TOEFL IPT	TOEFL IBT
C2 Mastery	950+	-	8.5+	630+	-
C1 Effective Operational Proficiency	880+	945+	7+	560+	95+
B2 Vantage	750+	785+	5.5+	527+	72+
B1 Threshold	550+	550+	4+	457+	42+



Formosa Talent Internship Program

Application Calendar, Fee & Sponsorship

Item	Spring	Fall	Summer	Customized
Participants	3rd–4th Years Bachelor Students Master Degree Students		Bachelor Students Master Degree Students	
Program Duration	20 Feb–20 Jul	28 Aug–26 Jan	26 Jun–18 Aug	Customized
Application Deadline	31 Dec	30 Jun	12 Apr	
Tuition & Miscellaneous Fee	NTD 36,000 / 1 Student (Around USD 1,200)		NTD 18,000 / 1 Student (Around USD 600)	
	<ul style="list-style-type: none">• 9 Credits of 1 Project Work for Laboratory Internship• 9 Credits of 3 Professional Courses		<ul style="list-style-type: none">• 3 Credits of 1 Project Work for Laboratory Internship	
	<ul style="list-style-type: none">• Laboratory Materials and Administrative Fee• Medical & Accident Insurance (during Staying in Taiwan since Second Month)• Short Term Program Type Health Examination• MMR Vaccination (in case of the necessary after health examination)• Brand New Bedding Equipment• Airport Shuttle Service• Field Trip<ul style="list-style-type: none">➡ Co-Pilot Flying Experience, Cultural Tours in Yunlin, Tainan, Taipei and Alishan National Forest Recreation Area etc.➡ A flexible schedule could be coordinated while NFU, as being the host university of the program, has high priority to make the final decision based on the safety issues or other causes beyond reasonable control.			
NFU Sponsorship	Up to NTD 30,000 / 1 Student (Around USD 1,000)		Up to NTD 12,000 / 1 Student (Around USD 400)	
	Reimbursed Item: Partial Airfare or Accommodation Fee			

Scan QR Code for Online Application:






Formosa Talent Internship Program

Connection with Degree Program

How does Formosa Program Connect to Master/ Ph.D. Degree Program?

- (1) Submitting application in May/November during Formosa TIP
- (2) Formosa Interns qualified for admission enrollment from the Department
- (3) The credits from the Internship could be transferred to Degree Program

Scholarship	Contents	Condition
NFU Scholarship	A. Tuition Wavier B. Monthly Stipend: <ul style="list-style-type: none">• Master- up to NTD 8,000• Ph.D. – up to NTD 15,000• Based on an individual's English proficiency and academic performance.	Applicants for NFU Scholarship must apply directly to NFU for admission.
MOE Elite Scholarship for “Lecturers” from South and Southeast Asian Countries	A. Tuition paid by MOE Scholarship B. Monthly Stipend: <ul style="list-style-type: none">• 1st year: up to NTD 10,000• 2nd ~ 3rd year: up to NTD 18,000	Applicants for Elite Scholarship must send its CV and lecturer certificate to NFU.
MOE Taiwan Scholarship 	A. Tuition and miscellaneous expenses: up to NTD 40,000 each semester paid by MoE Scholarship B. Living Allowance: Master/ Ph.D. Degree studies with a monthly stipend of NTD 20,000	Applicants for a Taiwan Scholarship must apply directly to NFU for admission.

Inquiry about Customized Program

prjoia@gs.nfu.edu.tw

Project Coordinator, (Ms.) Pei-Rong (Peggy) Jiang

Division of International Academic Affairs

Office of International Affairs, National Formosa University



Formosa Talent Internship Program

Reference of Student Personal Expense

A. NFU Dormitory

Old Dorm Building

- (1) One single bed - around USD 240 per student per semester
- (2) Female dorm - a shared suite for 4 students
a shared bathroom for two suites
- (3) Male dorm - a shared room for 5 students
a public bathroom for one whole dorm
- (4) The rent includes the utilities bill (except for the air condition fee)
- (5) Using the air condition needs a pre-payment card
- (6) Public facilities: kitchen and laundry room

New Dorm Building

- (1) One single bed - around USD 350 per student per semester
- (2) Female dorm - a shared suite and bathroom for 4 students
- (3) Male dorm - a shared suite and bathroom for 4 students
- (4) The rent does not include the utilities bill
- (5) Using all the electrical devices need a pre-payment card
- (6) Public facilities: kitchen and laundry room



Formosa Talent Internship Program

Reference of Student Personal Expense

B. Private Accommodation

- (1) A share apartment near campus
- (2) Around USD 150 per month (actual price depends on the layout and decoration, it could be between USD 100 and USD 300 approximately)
- (3) One-month guarantee deposit is needed
- (4) The guarantee deposit will be returned when moving out if there is not any damage.
- (5) The utilities bill (water/electricity/gas) is excluded from the rent.

C. Living Cost - around USD 1,750 for five months

- (1) Around USD 350 per month
- (2) Utilities Bill (water/electricity/gas)
- (3) Food and other staples
- (4) Shopping, traveling or another personal needs

D. Taiwan Cellphone SIM Card - around USD 35 (one month)



Formosa Talent Internship Program

Location of National Formosa University

Yunlin Station



10 mins by Taxi



Scan the QR Code to Find
More Highlight Spots from
Hu-Wei Township Google Map



 國立虎尾科技大學
NATIONAL FORMOSA UNIVERSITY





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