



Formosa Talent Internship Program

2023



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FEATURES

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 3 areas including [Engineering Technology Hub](#), [Aviation Hub](#) and [Business Hub](#) for the talents training.

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

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

2023

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. Bimechartronics
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 & Nanotoxicology
23. Biophotonic & Biomaterials
24. Mixed Reality & Game AI Fiber Optical Com. & Sensing
25. User Interface Design/ User Experience (UX)





Formosa TIP

HIGHLIGHT RESEARCH

2023

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

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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 Behaviour 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





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APPLICATION

Formosa Talent Internship Program

A. Participants

Final Year Bachelor or Master Degree Students

B. Program Duration

Spring - 20th February 2023 to 20th July 2023

Fall - 28th August 2023 to 26th January 2024

(The schedule is subject to change according to the specific agreement)

C. Application Deadline

Spring - 10th February 2023

Fall - 30th June 2023

D. Tuition and Miscellaneous Fee - **36000 NTD (around 1200 USD) per Student**

- (1) **9 Credits of 1 Project Work for Laboratory Internship**
- (2) **9 Credits of 3 Professional Courses**
- (3) Laboratory Materials and Administrative Fee
- (4) Medical and Accident Insurance during Staying in Taiwan
- (5) General Health Examination (for holding Visitor VISA students)
- (6) MMR Vaccination (in case of the necessary after health examination)
- (7) Brand New Bedding Equipment
- (8) Cultural Tours
- (9) Co-Pilot Flying Experience
- (10) Shuttle Transportation (Airport to NFU)

★ **30000 NTD** Sponsorship Opportunity for the Students Nominated from National Formosa University's Partner Universities.

(1) **Partial Tuition Fee: up to 15000 NTD**

(2) **Partial Airfare or Accommodation Fee: up to 15000 NTD**



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APPLICATION

Formosa Talent Internship Program x Master Degree Program

A. How does Formosa Program Connect to Master Degree Program?

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

B. Master Degree Program Scholarship:

- (1) Tuition wavier (around 2000 USD per semester within two years)
- (2) Life Stipend (up to 270 USD per month according to the application result)

C. Online Application:



INQUIRY ABOUT SPECIFI PACKAGE

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