



2019 TAIWAN EXPERIENCE EDUCATION PROGRAMS LEARNING PLUS ADVENTURE

www.studyintaiwan.org/teep

## About TEEP

In 2015, Taiwan's Ministry of Education launched the Taiwan Experience Education Programs (TEEP), with an eye to encouraging more international students to participate in short-term professional internship projects organized by domestic universities and colleges. Via TEEP, international students are able to gain in-depth educational experience in Taiwan, while also preparing themselves for the Asian job market.

## Internship plus Mandarin Chinese Learning

The wide range of programs under TEEP provide students of all majors with the opportunity to learn about the developments and international operations of Taiwan's companies or industries. Moreover, TEEP offers job placements based on individual specialties for students to participate in work at various company departments. The firsthand knowledge acquired will pave the way for their taking the first step into the business world. All participants are provided with high quality dormitory services, as well as opportunities to learn to speak Mandarin Chinese, the official Chinese language spoken in Taiwan. To ease participants into their internship in Taiwan, TEEP also features cultural immersion activities that will foster a better understanding of the Mandarin Chinese language and Taiwanese culture.



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## Taiwan at a Glance



### Capital :

Taipei City



### Total area :

36,000 square kilometers



### GDP (per capita) in 2018 :

US\$ 25,004



### Population :

approximately 23 million (56<sup>th</sup> in the world)



### Population density :

651 people per square kilometer (10<sup>th</sup> in the world)



### Official language :

Mandarin Chinese  
(with traditional Chinese character system)



### Number of universities in 2018 :

153 (48 public universities, 105 private universities)



### Number of students enrolled in higher education in 2018 :

1,258,573



### Number of international students in 2018 :

126,997

## TEEP@AsiaPlus - Taiwan Experience Education Program for 500 International Talents

An increasing number of outstanding universities and colleges in Taiwan now offer TEEP@AsiaPlus - short term professional and research internship programs for 500 international talents to experience Taiwan's quality higher education and make personal connections with the Asian job market. TEEP programs are available in such fields as ICT (Information Communication Technology), International Consulting, Internet of Things (IoT), Semiconductor, 5G Wireless Communication, Advanced Manufacturing, Wisdom Machinery, Green Energy, Biosensors, Logistics Management, Molecular Biology, Smart Health Care, Mandarin Lessons, Cultural Experience Courses, etc. TEEP@AsiaPlus fellowship is offered by various universities. For more details, please refer to the TEEP official website. [www.studyintaiwan.org/teep/](http://www.studyintaiwan.org/teep/)

### UNIVERSITY / COLLEGE PROGRAM THEME

Asia University	Biotechnology, Medicinal Mushrooms Biomechanics, Assistive Technology Language, Culture, Acquisition Companion Robot, Social Work for the Elderly, AI
Chang Gung University	Electronics, Reliability, Software Gene, Delivery, Nanoparticle Circular Economy, Internationalization Artificial Intelligence, Big Data, Image Processing Biomaterials, Drug delivery, Ophthalmic applications
Da-Yeh University	Animation, Mobile, Video
Feng Chia University	Artificial intelligence, Machine Learning Green Energy, Circular Economy, Taiwanese Culture
Hungkuang University	Health Care, Environmental Engineering
I-Shou University	2D Materials, Epitaxial Growth, Functional Oxides
Kaohsiung Medical University	Medicinal Chemistry, Metallogrug, Sensor Organic Chemistry, Continuous Flow, Nanoparticle Chemistry, Medicinal Chemistry, Applied Chemistry Green Analytical Chemistry, Green Nano Technology Clinical Medicine, Analytical Chemistry Organic Synthesis, Photonic Nanomaterials

Kun Shan University	Asymmetri Supercapacitor, Biomass, Gel Electrolyte
Ming Chi University of Technology	Fuel Cell, New Energy Battery Applications Green process, Biofuel, Biodiesel Machine Learning, Vibration and Control
Nanhua University	Cultural Learning, Chinese Language Green Technology, Sustainability, Environment
National Changhua University of Education	Biotechnology, Digital Learning Smart Grid, Battery Energy Storage System Smart Agriculture, Artificial Neural Network Microgrid, Battery Energy Storage Sytem Green Energy, Semiconductor Green Materials, Thermoelectrics Nano Technology, Semiconductor Engineering Liquid Crystal, Electro-optical Devices
National Cheng Kung University	Li-ion Batteries, Post-Li-ion Batteries Electrochemical, Photolithography, Electrokinetic
National Chi Nan University	South Asia & Southeast Asia, International Migration & Migrant Workers, Social Change & Urban Development
National Chiao Tung University	Inter-Asia Global Network, Inter-Asian Societies Chemosensor, Drug Delivery 5G, AI, Bioengineering EDGE/Fog Computing, AI, 5G
National Chin-Yi University of Technology	Energy Air Conditioner, Smart Machinery Internet of Things, Green Energy Technology Community-Based Tourism, Cross-Cultural Training
National Chung Cheng University	Smart Manufacturing, Bio-Material, Tribology Biochemical Engineering, Systems Biology Unmanned Aerial Vehicle (UAV), Drone, Arduino CMOS, Microwave, Radar Deep Learning, Smart IoT Semiconductor, Photodetectors fuel cells, flow batteries, energy Image Video Processing, Machine Learning Deep Learning, Blockchain, Internet-of-Things
National Chung Hsing University	Tea, Crop Process System Engineering, Process Optimization International NGOs, Sustainable Development
National Dong Hwa University	Bioinformatics, Pharmacoinformatics Solid Oxide Fuel Cells, Photocatalyst Materials by Design, CALPHAD, Thermodynamics Oxide, Nanowire, Green Energy Nanotechnology, Nanodevices Shape Memory Alloys, Thermoelectric Materials Nanomaterials, Spectroscopy, Lasers Solar Cell, Photodetector

National Formosa University	Aviation Maintenance, UAV Design and Build UAV, Robot, Engineering, Green Energy
National Ilan University	Microbial Fuel Cell, Bioenergy, Polyphenols Green Technology, Green Energy IoT, 5G, AI H2 Formation, Degradation, Waste Water Nanocellulose, Bio-based Polymers Internationalization, Agriculture Modern Electric Machines, Energy Saving Technology Clean Energy, Microbial Fuel Cells Global Collaborative Learning, TEFL Internship
National Kaohsiung University of Science and Technology	Water treatment, Renewable energy
National Pingtung University of Science and Technology	Microbiome, Rhizosphere, Quorum Sensing Microbiome, Metagenomics, Quorum Sensing Water Treatment, Photocatalysis Environmental Health and Risk Assessment Mycorrhizal Fungi, Nitrogen Fixer, Interaction Contaminants Analysis, Bioassays Animal Vaccine, Diagnostic Kit, Monoclonal Antibody
National Quemoy University	Battlefield Tourism, Quality of Service
National Sun Yat-sen University	Global Internship, E-commerce, Chinese Learning Condensed Matter Physics, Materials Computation Biorefinery, Bioenergy, Biomaterial English Teaching, Interdisciplinary Teaching
National Taipei University of Technology	Electrochemistry, Biosensors, Nanomaterials Photoelectrochemical, Photocatalyst, Materials RF CMOS, IC Design Deep Learning, Machine Learning Water Treatment, Membrane Processes
National Taiwan Normal University	Physics, Information Technology, Artificial Intelligence
National Taiwan University	Phosphor Materials, Solar Cells, Li-ion Battery Wind Turbine, Ship, Plasma Torch 2D Materials, Optoelectronics, Semiconductor Fabrication Community Participation, Urban Planning
National Taiwan University of Science and Technology	Internet of Things, Artificial Intelligence, Blockchain Plasma technique, Biomedical sensor 5G, IoT, Machine-Learning Robotics, Control, Programming Drug Carrier and Biomaterials Energy storage, Biosensor, Lithium ion battery

National Tsing Hua University	Solar Cell, Electrochemistry, Nanoparticle STEAM, Cognitive Neuroscience, Maker Acoustics, Speech, Signal-Processing Smart Grid, Renewable Energy, Power Systems Data Mining, Intelligent Manufacturing Cosmology, Astronomy, Black hole
Southern Taiwan University of Science and Technology	Global Internship, Teaching English as a Foreign Language, Cultural Exchanges Artificial Intelligent, Computer Science Hyperspectral Imaging, Mechatronics Mechanical Engineering, Energy, Fuel Cell Materials Science, Automation, Artificial Intelligence
St. John's University	Finance Research, International Trading, Social Media Marketing
Taipei medical university	Geriatric Nutrition, Food Safety Artificial Intelligence, Big Data Analytics AI in Medicine and Health Care, Predictive Genomics Biomedical Research, Drug Discovery and Therapy Translational Medicine, Precision Medicine
Tamkang University	Artificial Intelligence, Robotics Unmanned Aerial Vehicle, Aerospace Engineering Biomedical Materials, Developmental Biology Porous Materials, Energy Storage BIM(Building Information Modeling), Big Data Energy Material, Synchrotron X-ray Spectroscopy Wastewater Treatment, Membrane
Tatung University	Biodiesel, Green Technology, Catalysis Participatory Design, Design Thinking User Experience, Visual Design, Service Design
Tunghai University	Applied Mathematics, Data Science
Yuan Ze University	Circular Economy, Sustainability, Biorefinery Industry 4.0, Smart Production, Smart Management



## FOUNDATION FOR INTERNATIONAL COOPERATION IN HIGHER EDUCATION OF TAIWAN



Tel +886-2-2322-2280  
Website www.fichet.org.tw  
Email fichet@fichet.org.tw

## MORE INFORMATION

**TEEP Official Website**  
[www.studyintaiwan.org/teep](http://www.studyintaiwan.org/teep)

**Study in Taiwan**  
[www.studyintaiwan.org](http://www.studyintaiwan.org)

**Study in Taiwan Facebook**  
[www.facebook.com/studyintaiwan](http://www.facebook.com/studyintaiwan)

**Ministry of Education**  
[english.moe.gov.tw](http://english.moe.gov.tw)

**Test of Chinese as a Foreign Language (TOCFL)**  
[www.sc-top.org.tw](http://www.sc-top.org.tw)

**Taiwan Fellowships and Scholarships**  
[tafs.mofa.gov.tw](http://tafs.mofa.gov.tw)

**Taiwan Embassies around the world**  
[www.taiwanembassy.org](http://www.taiwanembassy.org)

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Taiwan Experience Education Programs



## Taiwan Experience Education Program: Global Internship in English Teaching

Southern Taiwan University of Science and Technology (STUST)



In 2018, STUST celebrated a successful TEEP program joined by 44 international students coming from all over the world, including Australia, North America, Europe and Asia. The 2018 program featured a summer camp for bringing in more creative ways to enhance diverse international exchanges, as well as a global English language teaching internship to offer hands-on teaching experience at local elementary schools.

The 2019 program will focus on bolstering cultural exchanges, while drawing more students and teachers from different countries. The summer camp will facilitate full immersion in the culture and lifestyles of Tainan City, the cultural capital of Taiwan, while the internship, provided in several rounds throughout the year, will offer an intensive teaching and learning experience at the local elementary and junior high schools featuring a sound English learning environment and effective English teaching methods. We hope our 2019 TEEP program will create benefits for participants, local schools, host families and all other stakeholders.

✉ teep.stust@gmail.com

🌐 [www.facebook.com/groups/973519526019406/?ref=bookmarks](https://www.facebook.com/groups/973519526019406/?ref=bookmarks)

## Intelligent IoT for Sustainability – Global Internship Program

National Taiwan University of Science and Technology (NTUST, Taiwan Tech)

Internet of Things (IoT) connects and integrate the physical world with the digital world, creating an environment that we used to see on science fiction movies. This internship program intends to enhance the knowledge and hands-on experiences of students on real-world cases surrounding IoT as well as artificial intelligence and Blockchain applications.



The program is available for students of all levels highly motivated and interested in solving problems in the physical world with advanced digital technologies. It will be a great opportunity to learn how IoT can be applied in areas such as energy, transportation, building, healthcare, and manufacturing and work with excellent students from all over the world. Participants are expected to work in teams on self-contained problems and come up with concrete results. For those who are seeking future study or career in the related area, this will be a very suitable program to join. More than 20 students of various backgrounds and nationalities joined the program last year. It is preferred but not limited that the interns can stay for two to three months, particularly from July 1 to August 31 where the dorms are available. There will also be opportunities for interns to get advance approval of financial support to continue his/her study in the graduate program in TaiwanTech. Welcome to be a part of the team to explore the future together.

✉ [yonathanjoe@gmail.com](mailto:yonathanjoe@gmail.com)

🌐 [www.facebook.com/ntustciti/](https://www.facebook.com/ntustciti/)

## Intelligent Fog/Edge Lab: Entrepreneurship, IoT, AI, and 5G

National Chiao Tung University (NCTU)

Like to Explore Taiwan Innovation (start-up) Ecosystem? Different from a regular internship program, besides of Fog/Edge Lab, we will offer also an entrepreneurship (and Internship program) in the areas of Internet of Things (IoT), FOG/EDGE Computing, 5G, and AI. Our center (Center of Industry Accelerator and Patent Strategy) operates the largest start-up ecosystem in Taiwan. Every year, we support more than 50 start-ups in various areas. As a pioneer, we also have the only Intelligent Edge/Fog Computing Research Center (Department of Electronic Engineering) in Taiwan to support academia and industrial collaboration. While you are here, you will have the chance to mingle with many entrepreneurs (founders) and participate the real business operation. Even we do have the preferred areas, there is no limitation of your majors or interests. And to fit your schedule the best, we offer 3-month to 6-month Entrepreneurship /internship program among our recommended startups and centers for entrepreneurs.

- School: National Chiao Tung University
  - Organizer: Department of Electronic Engineering X Center of Industry Accelerator and Patent Strategy
  - Term: 3 months – 6 months
  - Quota limit: 20
  - Period of Apply: 2019/03/01 ~ 2019/12/31
- \*Please contact us to confirm the period of apply!
- Required application materials: CV & Application form (on-line interview will be required)
  - Requirement of students expertise: 5G communication, AI, Blockchain, fog/edge computing, Smart City, E-Health, Autopilot, Intelligent Agriculture, Sports Tech, Food, etc.



✉ [Lynnechen@nctu.edu.tw](mailto:Lynnechen@nctu.edu.tw)

🌐 [fogcomputingtaiwan.nctu.edu.tw/](https://fogcomputingtaiwan.nctu.edu.tw/)

## A Global Internship Lab – 2019 TEEP@AsiaPlus x NSYSU, TAIWAN

National Sun Yat-sen University (NSYSU)



Do you have a big idea for how to make an impact? From June 24 to August 30, the NSYSU will be the host for TEEP@AsiaPlus: Cross-Border E-Commerce (CBEC) Talents Promotion Program. The program is a team internship opportunity for international youths interested in seeking their future career development in economically booming Asia area where cross-border e-commerce has become an emerging trade patterns with strong potentials. For the successive four years (2015-2018), the TEEP center at NSYSU, located in Kaohsiung City of Southern Taiwan has continuously applied and gained the funding to conduct International Consulting Program in Taiwan (ICPT), Southern Taiwan Software Industry Development Program (STSIP) and Cross-Border E-Commerce (CBEC) Talents Promotion Program. With much experience accumulated, the center in 2019 continues the CBEC program to recognize the rising importance of B2C e-commerce business within the global village without state boundaries. Taiwan's e-commerce platform has a considerable competitive advantage, and human talent plays a key role for Taiwanese companies to develop their cross-border e-commerce markets to grasp immense business opportunities. Therefore, our Internship Program is well designed to help facilitate international youths' professional learning on the one hand, and motivate Taiwanese enterprises to gain more internationalized experience and talents on the other. Register is open from now till April 30, 2019. For more information, please visit: <http://teep.cm.nsysu.edu.tw/>

Why should you join?

- Meet purpose driven top talents with diverse background and expertise and build strong lasting relations and friendships.
- Work on new ideas with practical experiences to learn more about Taiwanese business culture.
- Free language classes to enhance communication proficiency in Chinese.
- Cultural trips and activities to experience the unique Taiwanese culture.
- Partial subsidy for air ticket fare and maximum 10-week allowance for living expenses of NT\$ 25,000 to \$30,000.
- Get a chance to be recruited as a full time employee in Taiwan after the program.

✉ [haha21@g-mail.nsysu.edu.tw](mailto:haha21@g-mail.nsysu.edu.tw) (Ms. Ashley Huang)

🌐 [teep.cm.nsysu.edu.tw](https://teep.cm.nsysu.edu.tw)

🌐 [www.facebook.com/ICPT.NSYSU/](https://www.facebook.com/ICPT.NSYSU/)

## Fully Funded Short-Term Research Internship (STRI) Program in Medicinal & Applied Chemistry at KMU, Taiwan

Kaohsiung Medical University (KMU)

KMU, the first private and top medical university in Taiwan, established in 1954 and has a multicultural and bilingual environment with international students from more than 50 countries. The Department of Medicinal and Applied Chemistry was established in 1990 and possess more than 20 professors in 5 research areas covering all chemistry domains. Our department ranked No#1 in medicinal and applied chemistry field in Taiwan and possess large number international students and have great research interaction with medicine (4 affiliated KMU hospitals). We are proud our department is a great place where medicine meets chemistry.



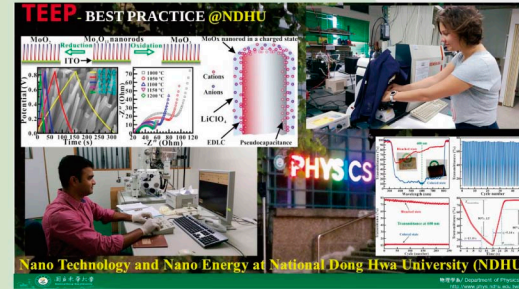
The STRI@KMU Program is specifically designed for Asian countries students/scholars to experience and explore KMU in depth in a short time (4 ~ 6 months) through research and study activities at department of medicinal and applied chemistry, KMU, Taiwan. The STRI@KMU program highlights short term research experiences and English teaching curriculum by (1) intern at various research labs at different fields of advanced medicinal and applied chemistry research areas, (2) exploring and handling of various advanced research equipment at KMU, (3) great research interaction with medicine and learning advanced medicinal chemistry courses. In addition to gaining professional knowledge and skills, this STRI@KMU program also offers great opportunities to continue to pursue higher education at KMU and for participating students to learn Chinese, improve their language proficiency, and gain understating of Taiwanese culture.

✉ [peggielo@kmu.edu.tw](mailto:peggielo@kmu.edu.tw)

🌐 [chem.kmu.edu.tw/index.php/en-GB/teep-program-in-kmu](https://chem.kmu.edu.tw/index.php/en-GB/teep-program-in-kmu)

## Nanotechnology and Nano Energy

National Dong Hwa University (NDHU)



In recent years, nanotechnology has received enormous attention, as nanomaterials, due to their much higher surface area to volume ratio than bulk counterparts, exhibit unique, remarkable properties for a wide range of innovative applications. This program aimed at nurturing nanotechnology talent is offered by NDHU's nanoscience laboratory, which focuses on the synthesis of nano energy materials and fabrication of sustainable nanodevices.

As one-dimensional (1D) metal-oxide nanostructures are extensively applied to sustainable nanodevices, such as supercapacitors and electrochromic nanodevices, interns accepted into our program will have to synthesize and characterize various 1D metal-oxide nanostructures, and then fabricate and test different energy nanodevices.

Members of our lab have had many critical research findings published in over 100 high-impact journals, and continue to conduct and submit high-quality research works to prestigious journals. We also make ongoing efforts to introduce new relevant technologies as well as keep pace with the latest standards for equipment and facilities, helping students not only develop critical thinking and problem-solving abilities to the fullest but also achieve research goals.

✉ [ronma@mail.ndhu.edu.tw](mailto:ronma@mail.ndhu.edu.tw)

🌐 [nanosciencelab.blogspot.tw](https://nanosciencelab.blogspot.tw)

🌐 [www.facebook.com/ndhu.nanolab](https://www.facebook.com/ndhu.nanolab)

## TEEP@AsiaPlus @ NTUT

National Taipei University of Technology (NTUT)

Laboratory of Membrane Water Treatment Technology offers innovative graduate-level research programs in multidisciplinary water research including membrane fabrication, membrane application, and environmental nanotechnology in water treatment engineering. Prof. Shiao-Shing Chen, who is a distinguished professor currently works at the Institute of Environmental Engineering and Management in Taipei Tech, is in charge of this lab. Prof. Chen does research in water treatment membrane process for more than 20 years and his current project includes novel membrane processes such as forward osmosis, membrane distillation and pervaporation. This laboratory focuses on the development of novel composite membranes using interfacial polymerization methods for water processes (forward osmosis and membrane distillation) as well as organic solvent separation (pervaporation) for lab and industrial scales. This laboratory is equipped with versatile filtration units that can be easily applied and configured to match most testing requirements in real world applications.



✉ [f10919@ntut.edu.tw](mailto:f10919@ntut.edu.tw)

🌐 [www.ntut.edu.tw/~f10919](https://www.ntut.edu.tw/~f10919)

## Research Internship in Artificial Intelligence, Robotics and Intelligent Manufacturing

Tamkang University (TKU)



The 2019 Tamkang Engineering Program offers research internship in two periods - Summer and Fall. For the Short-Term Summer Program, the students can choose to stay at TKU for 8 to 12 weeks from April to July in 2019. As for the Fall Program, the students should stay for four months from mid August 2019 to mid January 2020. The visit time is flexible during the designated periods.

The research areas of this Tamkang Engineering Program are AI, Robotics and Intelligent Manufacturing. Students from Southeast Asia and South Asia countries major in Computer Science/Engineering, Electrical/Electronic Engineering and Mechanical Engineering are welcome to apply. Each applicant should choose at most three interested research topics from a list of topics provided by TKU professors in the areas. If selected, the student will be supervised by the professor who gave the topic during his/her visit. The student is expected to produce solid research results and write a report before the end of the visit.

Seminars, Chinese lessons, an industrial visit and a culture tour will also be arranged for both Summer and Fall programs. Participants will be guided by TKU professors in advanced research topics and get to know Taiwan during their visit. Applications will be open from February 18 to March 15, 2019 for the Summer Program and from May 20 to June 14, 2019 for the Fall Program.

✉ [mshs199@gmail.com](mailto:mshs199@gmail.com)

🌐 [www.engineering.tku.edu.tw/](https://www.engineering.tku.edu.tw/)

🌐 [www.youtube.com/watch?v=S2xcCMWRTOo](https://www.youtube.com/watch?v=S2xcCMWRTOo)