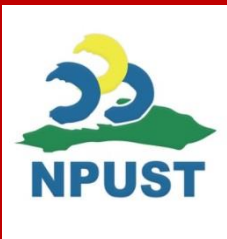


NATIONAL PINGTUNG UNIVERSITY OF SCIENCE AND TECHNOLOGY

INTERNATIONAL COLLEGE

for Interdisciplinary Applications



international, interdisciplinary, innovative
intelligence & independence

ic.npust.edu.tw

Where is NPUST?



Also known as the “National Park University of Science and Technology (NPUST) is a public university in Taiwan, covering the largest main campus in Taiwan, covering 298.3 hectares and being served by free charge on-campus bus services. There are more NPUST experimental stations, the 1-hectare Baoli Forest next to the Kenting National Park and the 576-hectare Daren Ranch in Daren County.

National Park University



As one of the oldest educational institutions in Taiwan, NPUST was established in 1924 under the name of Kaohsiung District Pingtung Extension School of Agriculture. Over the years, it continuously evolved, expanded, and transformed. In 1997, it earned its current name as the National Pingtung University of Science and Technology and becomes one of the best universities in Taiwan to provide technological and vocational education.

The university is extremely unique for it is the only university in Taiwan to host the Pingtung Rescue Center for Endangered Wild Animals, the Working Dog Training Center, the Hakka Industry Research Center, the Disaster Prevention and Mitigation Technology Research Center, the Animal Biologics Pilot Production Center, the Animal Disease Diagnostic Center, etc. Other featured units established in NPUST include the Center of Agriculture and Aquaculture Product Inspection and Certification, an animal hospital, an animal blood bank, a full-scale livestock farm, an aquaculture farm, a woodcraft pilot plant, a preschool, an internship hotel (the NPUST Guesthouse), etc.



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Reasons and Benefits



- **English Friendly Environment**

International College provides everyone with very friendly international and English speaking environment.

- **High Quality Educational Opportunities**

Almost all faculty members in this college hold a foreign doctorate degree. If not, they have international educational experience. This solidifies our international academic competitiveness.

- **Low Tuition Fees**

NPUST offers very affordable tuition rates, as compared to other Taiwan and international universities.

- **Technological and Vocational Education**

Within the international community, Taiwan's technological and vocational universities have earned respect for Taiwan for its great contribution to Taiwan's economic prosperity over the years. NPUST courses emphasize on hand-on training based on solid fundamental principles and theories. We place equal emphasis on fundamental research and practical training.

A Safe Living Environment

Taiwan ranks no. 40 in the 2017 Global Peace Index^[1] and no. 1 in the 2016 quality-of-life index^[2]. These rankings prove you Taiwan a safe living and traveling environment.

- **Taiwan's Friendly People & Cultural Diversity**

Taiwan has long been known throughout the world as being a friendly society. Taiwanese aborigines or Formosan people are the indigenous peoples who may have been living on Taiwan for approximately 5,500 years. Nevertheless, many of her inhabitants are descendants of early Chinese immigrants since the beginning of the 17th century. Taiwan's social development can be attributed to her rich heritage of diverse populations, including the early immigrants from Holland, Spain, Portugal, Japan and recent immigrants from Southeast Asian countries and Mainland China.

References

[1] Global Peace Index 2017: Measuring Peace in a Complex World, Institute for Economics & Peace, June 2017, ISBN: 9780648064411.

[2] Expat Insider 2016: Quality of Life Index | InterNations, URL: <https://www.internations.org/expat-insider/2016/quality-of-life-index>, date: 2017/09/04.



A Unique Red Brick College



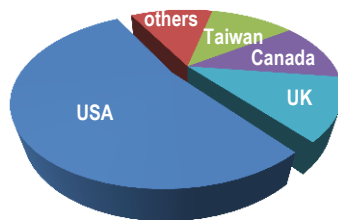
Your 3+2 in's experience.

About the college

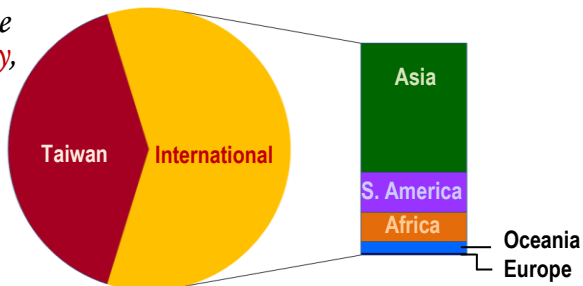
The International College hosts the largest international community in the university and only offers courses fully instructed in English. This college is relatively small in size, but is absolutely one-of-a-kind in identity. The people in this college may come from different parts of the world, but tend to stick together. As the pioneering Taiwan's university in cultivating foreign students, this college continuously receives affirmation from domestic and international communities of all fields and sectors.

Educational Goals

- *To accelerate the application and development of emerging science and technology in developing tropical regions;*
- *To promote sustainable development for tropical environment;*
- *To facilitate our students to be **international, interdisciplinary, and innovative** (3 in's); and*
- *To embed **intelligence and independence** (2 in's) in students' mindset and personality.*



Educational experience of faculty members in this college



Student ethnicity in this college (2017)

Int'l Program in Ornamental Fish Technology and
Aquatic Animal Health
Int'l Program in Animal Vaccine Technology 2016

*Leadership with
Innovation.*

Int'l Master's Degree in Agribusiness 2015

2013 Int' Master Degree in Soil
and Water Engineering

2012 Int'l Master's Degree in Food Science

2011 International College

1997 Dept. of Tropical Agriculture and
International Cooperation



- **Award**

- “Excellent Award” by the International Cooperation and Development Fund (ICDF) of the Ministry of Foreign Affairs for the past few consecutive years.

- **Accreditations**

- Pass “English Degree Assessment Accreditation” by the Ministry of Education (updated in 2017)
 - Department of Tropical Agriculture and International Cooperation
 - International Master's Degree Program in Food Science
 - International Master Degree Program in Soil and Water Engineering

- **Recognitions**

- Additional funding from the Ministry of Education through “Subsidy for Outstanding Fully-English-Instructed Program”
 - Department of Tropical Agriculture and International Cooperation
 - International Master's Degree Program in Food Science
 - International Master Degree Program in Soil and Water Engineering
 - International Master's Program in Agribusiness Management



Department of Tropical Agriculture and International Cooperation



- **Why is this interesting to me?**

As the only fully English instructed department in Taiwan, we have educated students from different parts of the world including Latin America, Africa, U.S.A, Southeast Asia, and South Pacific Islands. Through daily interactions, our student have great opportunities to gain cross culture experiences and to learn agriculture innovations and techniques. We focuses on the advancement of tropical agriculture through teaching, research, and extension activities. Through our wide range of cross-disciplinary course design, high-tech agriculture research work, and development activities, we aim to train future competitive leaders in respective areas.

- **What should I expect to learn?**

Students will learn comprehensive and multi-disciplinary cutting-age technologies on Tropical Agriculture. Both real field experience of Taiwan's management strategy and practices of agriculture industries will prepare the students to become excellent leaders in their field.

- **Learning objectives**

At the end of the program, graduates shall be able to:

- to incubate international specialists in the field of Tropical Agriculture;
- to promote cooperation for agriculture development around the world; and
- to establish sustainable management of agriculture techniques.

Improving agriculture, improving lives

- **How long do I experience learning?**

B.S. Program: 4 years

M.S. Program: 2 years

Ph.D. Program: 4 years

- **Course activities**

Course activities depend on the courses enrolled. All the courses will enable students to enrich their learning potential. Course activities may include the following:

- Field trips
- Practical experiences
- Discussions and interactions
- Seminars
- Presentations related to course materials
- Internships

- **Highlights of research**

- Development of agriscience
- Plant science
- Animal science
- Fish and Shellfish Immunology
- Aquaculture
- Biotechnology
- Plant tissue culture
- Vaccine

- **Career path / opportunity**

- Farm manager
- Entrepreneur
- Research scientist
- Faculty member

- **Cost of program***

Per semester tuition fee: (B.S.) USD946; (M.S./Ph.D.) USD438

Per semester miscellaneous fee: (B.S.) USD590; (M.S./Ph.D.) None

Per credit hour fee: (B.S.) none; (M.S./Ph.D.) USD124

* All fees are subject to change without prior notice due to currency fluctuation and/or unforeseen economic circumstances. Cost estimation is based on 30.2465 TWD = 1 USD.

- Scan QR for more information and updated course syllabus.

Facebook



DTAIC



- Contact person

Dr. Philip T. Cheng

tcheng88@mail.npust.edu.tw

International Program in Animal Vaccine Technology



- **Why is this interesting to me?**
 - As the animal husbandry field moves toward environmentally responsible practices, vaccines have become indispensable tools for infectious disease control. IDPAVT invites internationally renowned researchers and experts as part of the faculty member to train the next generation of talents for animal vaccine development.
- **What should I expect to learn?**
 - Students will learn about the 1) fundamental principles of vaccine research, and 2) industrial production of vaccines.
- **Learning objectives**

At the end of the program, graduates shall be able to:

 - to become well versed in fundamental principles for vaccine development; and
 - to gain hands-on experience in industrial vaccine production.

Animal health through better vaccines

- **How long do I experience learning?**
 - Expected durations of study are two years for Master's students and four years for Ph.D. students.
- **Course activities**
 - Specific vaccine research project
 - Industry internship
 - Lectures by expert researchers
- **Highlights of research**
 - Attenuated, inactivated, subunit, and DNA vaccine development
 - Adjuvant development
- **Career path / opportunity**
 - Industry research and operations
 - regulatory affairs
 - Academia
- **Cost of program***
 - Per semester tuition fee: (M.S.) USD1,653; (Ph.D.) USD1,818
 - Per credit hour fee: (M.S./Ph.D.) USD132

* All fees are subject to change without prior notice due to currency fluctuation and/or unforeseen economic circumstances. Cost estimation is based on 30.2465 TWD = 1 USD.

- Scan QR for more information and updated course syllabus.
- Contact person
 - Dr. Li Ting Cheng,
email: chenglt@mail.npust.edu.tw



International Program in Ornamental Fish Technology and Aquatic Animal Health



- **Why is this interesting to me?**

- Taiwan's Ornamental Fish Industry leads the world in many aspects including software technology, product quality and peripheral products. Industry value is estimated at NT\$2 billion, with 70% of the value coming from Pingtung County.
- This program was established in 2016 to increase the international competitiveness of the industry. In addition to training the next generation of talents for the industry, research and academic activities at the program will also strengthen fish breeds, feeds, aquarium equipment and design, transportation, health management, disease control, and vaccine technologies.

- **What should I expect to learn?**

- Fish Breeding and Feeding Technology
- Fish Facility and System Research and Development
- Fish Industrial Marketing
- Fish Vaccinology and Immunology
- Fish and Shellfish Immunity, Biological Defense, Fish Diseases, Vaccine
- Marine Biotechnology

- **Learning objectives**

At the end of the program, graduates shall be able to:

- to perform aquatic animal disease diagnostics and vaccine development, breeding, aquarium equipment research, and marketing.

Improving breeding, improving health

- **How long do I experience learning?**
 - Master of Science, 1-4 years.
 - Doctor of Philosophy, 2-7 years.
- **Course activities**

Students are allowed to choose from four different curriculum modules: (1) Ornamental fish and Aquatic Animals breeding and development, (2) Aquarium equipment and system development, (3) Ornamental fish and Aquatic Animals marketing, and (4) Ornamental fish disease diagnostics and vaccine development.

 - Specific vaccine research project
 - Industry internship
 - Lectures by internationally renowned researchers and NPUST experts
 - Field trips
- **Highlights of research**
 - Ornamental fish feed
 - Fish vaccinology and immunology
- **Career path / opportunity**
 - Industry research and operations
 - Academia
- **Foreign Teachers**
 - Prof. Alexandra Adams, University of Stirling, UK
 - Prof. Øystein Evensen, Norwegian University of Life Sciences, Norway
 - Prof. Ikuo Hirono, Tokyo University of Marine Science and Technology, Japan
 - Prof. Terutoyo Yoshida, University of Miyazaki, Japan
 - Prof. Yung-Fu Chang, Cornell University, USA
 - Prof. Kimberley Dawn Thompson, Moredun Research Institute, UK
 - Prof. Takashi Aoki, Waseda University, Japan
- **Cost of program***
 - Per semester Tuition fee: (M.S.) USD1,653; (Ph.D.) USD1,851
 - Per credit hour fee: (M.S./Ph.D.) USD132

* All fees are subject to change without prior notice due to currency fluctuation and/or unforeseen economic circumstances. Cost estimation is based on 30.2465 TWD = 1 USD.
- Scan QR for more information and updated course syllabus.
- Contact person
 - Dr. Shih-Chu Chen,
email: scchen@mail.npust.edu.tw



International Master's Degree Program in Food Science



- **Why is this interesting to me?**
 - This program strives to cultivate professional talents by equally emphasizing on theory and practice related to international food R&D, industry, and high level business operations and management. Through this program, the students are offered the opportunity to get acquainted with modern instrumentation, pilot plants, and other facilities necessary for graduate research in food processing, chemistry, microbiology, safety, toxicology, engineering, biotechnology, product development, as well as nutrition. IMAFS provides students with an excellent basis for a career in food R&D, food safety authorities, and food industry through three major Food Science options: (1) Food and Biotechnology; (2) Food Safety and Health Foods; and (3) Food Processing and Industry. Learning in an international atmosphere raises students' cultural sensitivity, racial awareness, and global view, which inevitably contribute to future successful food industry.
- **What should I expect to learn?**
 - Global thinking and comprehensive ability on Food Science.
 - Strategy of international food enterprise.
 - Development of future food market.
- **Learning objectives**

At the end of the program, graduates shall be able to:

 - to learn international food safety issues;
 - to get acquainted with novelty food processing technology; and
 - to be able to promote cooperation for global food business, industry, and enterprise.

Eat well, living well

- **How long do I experience learning?**
 - M.S. Program: 2 years.
- **Course activities**

Our course activities have been modified every year. All the courses will improve students' learning skills in different fields.

 - Innovative team work
 - English written report and oral presentation
 - Hand-on trainings on food processing skills
 - Practicum experience in global food industry
 - Field trips
- **Highlights of research**
 - Food processing
 - Food microbiology and fermentation
 - Food safety and risk assessment
 - Novelty food
 - Food and disease, such as cancer, obesity, etc.
- **Career path / opportunity**
 - Factory manager
 - Product development specialist
 - Quality and safety control expert
 - Technical sales manager
 - Official inspector in Food and Drug Administration (government)
- **Cost of program***
 - Per semester tuition fee: USD438
 - Per credit hour fee: USD124

* All fees are subject to change without prior notice due to currency fluctuation and/or unforeseen economic circumstances. Cost estimation is based on 30.2465 TWD = 1 USD.
- Scan QR for more information and updated course syllabus.
- Contact person
 - Dr. Jia-Hsin Guo,
email: jhguo@mail.npust.edu.tw



International Master Degree Program in Soil and Water Engineering



- **Why is this interesting to me?**
 - The approach of course dispensing is interesting because it's interactive and professors are very opening for technical discussions.
- **What should I expect to learn?**
 - water management approaches, dregs fitting, irrigation system
- **Learning objectives**

At the end of the program, graduates shall be able to:

 - to know the dimensioning of reservoir and canal and how to manage sustainably;
 - to realize dregs;
 - to practice irrigation management in big field or farmer's field for example; and
 - to write program for reservoirs managing.

No food without soil and water

- **How long do I experience learning?**
 - Two years
- **Course activities**
 - In-class learning
 - Field trip
 - Field practice
 - Seminar
- **Highlights of research**
 - Irrigation system
- **Career path / opportunity**
 - Engineer
 - Researcher
- **Cost of program***
 - Per semester tuition fee: USD438
 - Per credit hour fee: USD124

* All fees are subject to change without prior notice due to currency fluctuation and/or unforeseen economic circumstances. Cost estimation is based on 30.2465 TWD = 1 USD.

- Scan QR for more information and updated course syllabus.
- Contact person
 - Dr. Yu-Min Wang,
email: wangym@mail.npust.edu.tw



International Master's Program in Agribusiness Management



- **Why is this interesting to me?**
 - This program provides students agribusiness management education to achieve global sustainability of entrepreneurial activities in the food and agriculture sectors, especially focus on developing countries in the tropics. The program combines classroom learning in agribusiness management and hands on training through internship related to agribusiness. Students are prepared for a variety of successful careers in agribusiness by fulfilling the requirements for expertise in small and medium size agribusiness enterprise, extension, and marketing. It prepares agribusiness specialists armed with broad economic, marketing, and managerial skills to facilitate future competitive graduates in the growing regional and global agribusiness sectors.
- **What should I expect to learn?**
 - Understanding of global sustainability of entrepreneurial activities in agribusiness management.
 - Special skills and knowledge in small and medium size agribusiness enterprise, extension, and marketing.
 - Ability to write scientific research reports and papers.
- **Learning objectives**

At the end of the program, graduates shall be able to:

Leadership for global agribusiness

- To engage in entrepreneurial activities in agribusiness management;
 - To run small and medium size agribusiness enterprise;
 - To improve the status and extend the scope of currently small and medium size agribusiness enterprises; and
 - To analyze professional reports and proposals.
- **How long do I experience learning?**
 - It normally takes two years in residence to complete this master degree program.
 - **Course activities**
 - In-class learning
 - Field trip
 - Seminar by expert and invited speaker
 - Independent study
 - Presentation
 - **Highlights of research**
 - Development of entrepreneurial skill required in small farmers/ farmers' groups for agribusiness
 - International food price analysis
 - **Career path / opportunity**
 - Agribusiness manager
 - Teaching
 - Marketing analyzer
 - Small and medium size entrepreneur
 - **Cost of program***
 - Tuition fee: USD438
 - Credit fee: USD124 per credit hour

* All fees are subject to change without prior notice due to currency fluctuation and/or unforeseen economic circumstances. Cost estimation is based on 30.2465 TWD = 1 USD.

- Scan QR for more information and updated course syllabus.

Facebook



IABM



- Contact person
 - Dr. Wen-Chi Huang,
email: wenchi@mail.npust.edu.tw

Language Proficiency

- All the programs will be conducted in the English language. Nonetheless, participants are also encouraged to be exposed to the related ethnic languages.

Scholarships

- **By NPUST**
 - NPUST Ph.D. Research Assistantship
 - NPUST Scholarship to Excellent Foreign Students
 - NPUST Scholarship (Current Student)
 - Scholarship for Outstanding International PhD Candidate Research
- **By the government and other agencies**
<http://www.esit.org.tw/scholarship.information>
 - Taiwan ICDF Scholarship
 - Taiwan Scholarship
 - Elite Study In Taiwan (For Vietnamese, Indonesian and Thai students)



If you think education is expensive, try ignorance.

Admission

- **Fall intake**
 - starts on every September
 - application deadline is Jan. 1 to Mar. 31 every year
- **Spring intake**
 - starts on every February
 - application deadline is Sept. 1 to Nov. 31 every year

Application

(A) Paper Application

Procedure

1. Download the application form and the list of other required materials from http://oia.npust.edu.tw/International_Application%20
2. Mail the above materials to the Office of International Affairs (Address shown in the box below)
3. May receive telephone interview depending on the situation (optional)

Application materials

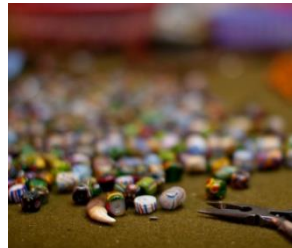
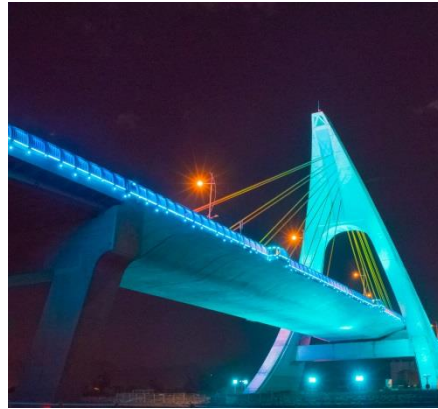
1. Application form with a photo (could be downloaded from: http://oia.npust.edu.tw/en/International_scholarship)
2. Study plan (at least 300 words)
3. Research proposal (master or doctoral program's applicant only) (optional)
4. Transcript (authenticated by Taiwan Embassy/ Taipei Economic and Cultural Office or the university)
5. Two recommendation letters (by different writers, free format)
6. Financial statement (at least \$3,000USD)
7. English certificate (ex. TOEFL paper/TOEFL CBT/TOEFL IBT/IELTS/TOEIC)
8. Mandarin certificate (such as TOCFL or HSK. This certificate is mandatory for bachelor's program of all colleges in NPUST other than the International College)
9. Health certificate (The form could be downloaded from: http://oia.npust.edu.tw/en/International_scholarship)
10. Other certificates (optional)

(B) Online Application

1. website
<http://courseeng.npust.edu.tw/Admission/>
2. QRcode



**Attn: Office of International Affairs,
National Pingtung University of Science and Technology
Add: No. 1, Shuefu Road, Neipu, Pingtung, 91201 Taiwan.
Tel: +886-8-7740562**

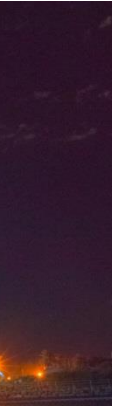


Living in Pingtung

- Pingtung is Taiwan's southernmost county. It geographically borders Kaohsiung City, the Taiwan's second largest city. This county experiences a tropical monsoon climate. Generally, the warmest month is July and the coldest one is January. Since the daytime temperature in the warm months may sometime peak over 30 degrees Celsius, almost all indoor spaces in this part of the island are air-conditioned. Cold months feature relatively warm days and cool nights with temperatures ranging from 15-27 degrees Celsius.
- Pingtung is the home to the aboriginal cultures of Rukai and Paiwan tribes. These two native tribes make up roughly 10% of all aborigines in Taiwan or the Formosan people. Although majority of the people are highly influenced by the Fujian culture, there are also the Hakka people who live in the coastal area and the northern plain.
- The living cost in Pingtung is among one of the lowest throughout Taiwan. Pingtung has numerous dining options that are comparatively inexpensive. In addition to McDonalds, KFC, and Domino's pizza, there are a vast variety of restaurants, noodle stands, tea and juice shops, and night markets in this region. Food stores that specialize in inexpensive to-go boxes for takeout are ample.



Here, you starts your journey.



A Unique Red Brick College



國際學院

INTERNATIONAL COLLEGE

Tel: +886-8-7703202 ext. 7715

Email: cis@mail.npust.edu.tw

Address: No. 1, Shuefu Road, Neipu, Pingtung 912, TAIWAN.

