



NYCU

Office of International Affairs

National
Yang Ming Chiao Tung
University

Website: oia.nycu.edu.tw
Email: oia@nycu.edu.tw
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Introduction

National Yang Ming Chiao Tung University was created in 2021 through the merger of two universities: National Yang-Ming University and National Chiao Tung University.

Yang Ming, which focused on biomedical research, and Chiao Tung, which focused on electronic communication research, were both top-tier universities in Taiwan. At present, there are 19 colleges and 74 university/college-level research centers.

Faculties include artificial intelligence, biological science and technology, biomedical science and engineering, computer science, dentistry, electrical and computer engineering, Hakka studies, humanities, and social sciences, law, life sciences, management, medicine, nursing, and pharmaceutical sciences, photonics, and general education.

Thus, it is imagined that the merger will eventually bring forth a great and innovative university that is second to none, with 1,400 teachers and 17,000 students collaborating to create a great

generation that will develop and further Taiwan's emerging smart medical industry. In addition to implementing effective integration and innovation under the conventional organizational structure of regular teaching, research, administration, and student affairs, NYCU is singularly unique as it will establish Taiwan's most innovative smart medical research. NYCU will combine the strengths of Yang Ming and Chiao Tung to jointly develop medical applications in terms of AI, telemedicine, medical robots, Internet of Things, wearable devices, and block-chain

biomedical as an Eco-system amongst other developments.

NYCU's teaching mission will promote the development of a common language for disseminating cutting-edge information via in-depth communication between medical experts and offer doctor-engineer courses oriented towards resolving the needs of individuals and society. The newly-merged educational institute will also consider privacy protection, assist with revising the relevant medical-related laws and regulations and study the impact of tangential yet still important issues affecting society, including ethics, economics, and the labor market. Furthermore, NYCU will formulate smart medical protocols via the establishment of standardization, accuracy, acquisition, storage, and processing of medical big data, while integrating various management platforms to concurrently build up the compatibility of medical IT systems. This will create a world-class base for initiating a smart and healthy life to cement Taiwan as the new model for global smart medical care.





MISSION



Students and Faculty

Students	Faculties
18,362 Students 8,431 Undergraduates 10,201 Graduates	1,171 Faculties

(Source: Center for Institutional Research and Data analytics, NYCU)
Updated: March, 2021





Academics

NYCU students gain expertise in their fields without being constrained by disciplinary boundaries.



Chiaotung Campus

- College of Artificial Intelligence
- College of Biological Science and Technology
- College of Computer Science
- College of Electrical and Computer Engineering
- College of Engineering
- College of Hakka Studies
- College of Humanities and Social Sciences
- School of Law
- College of Management
- College of Photonics
- College of Science
- International College of Semiconductor Technology

Yangming Campus

- College of Biomedical Science and Engineering
- College of Dentistry
- College of Humanities and Social Sciences
- College of Life Sciences
- College of Medicine
- College of Nursing
- College of Pharmaceutical Sciences

English-taught Degree Programs



Graduate Degree Programs	<ul style="list-style-type: none">● Degree Program of Global Master of Business administration (GMBA)● Institute of Microbiology and Immunology● Institute of Biophotonics● Institute of Biopharmaceutical Sciences● Institute of Teaching English to Speakers of Other Languages● International College of Semiconductor Technology (ICST)● International Graduate Program in Electrical Engineering and Computer Science (EECS)● International Health Program <p><u>The University System of Taiwan (UST) :</u></p> <ul style="list-style-type: none">● International PhD Program in Photonics● International Ph.D. Program in Interdisciplinary Neuroscience● International PhD Program in Environmental Science and Technology
Undergraduate Degree Program	<ul style="list-style-type: none">● Full English Undergraduate Program in Civil Engineering

Admissions

All colleges offer English-taught courses, and numerous scholarships are available for outstanding admittees. Degree-seeking students are eligible to join exchange programs at our partner universities throughout the world.

For more information, please visit

Admissions Information



Intake	Application Period	Semester Duration
Fall	December 20 - March 5	Mid-September to mid-January
Spring (Master's and Doctoral Degree Programs only)	August 10 – September 30	Mid-February to mid-June

*The dates also apply to dual-degree students from partner institutions.

Academic Achievements

- QS World University Rankings, 2022: #268
- 22 departments/institutes are accredited by the Institute of Engineering Education Taiwan (IEET)(Source: www.ieet.org.tw)
- The College of Management has been accredited by the Association to Advance Collegiate Schools of Business (AACSB) since 2007.
- The College of Medicine has been accredited by the Taiwan Medical Accreditation council (TMAC) since 2000.

INBOUND Short-term

Research Program

Eligibility: Current students from international academic institutions who wish to do research in NYCU.

Program duration: Up to 180 days.

Application Procedure

- (1) Prior to applying, all applicants should first identify one NYCU professor as their research supervisor and obtain an invitation letter from that professor.
- (2) Email the completed application package at least 3 months before the tentative research start date to the Office of International Affairs.



Admissions

Admitted students will receive an NYCU admission letter and a Ministry of Education approval letter, both of which are necessary for student visa application.



For more information, please visit

Short-term Research Program



INBOUND EXCHANGE PROGRAM



NYCU offers inbound international students an opportunity for academic and cultural immersion.

- English-taught courses are offered in all colleges
- Free Chinese courses available



Exchange Students

Students from our partner institutions who wish to enroll in courses at NYCU and are nominated by their home institution.

Visiting Students (fee-paying exchange program)

1. Students from our partner institutions who wish to enroll in courses at NYCU without applying through their home institution.
2. Students from nonpartner institutions who wish to enroll in courses at NYCU.

Credit Requirement per semester (minimum)

- Undergraduate students:
9 credits
- Graduate students:
2 academic courses

For more information, please visit

Inbound Exchange/
Visiting Program



INTERNATIONAL SUMMER PROGRAM



NYCU offers short-term intensive summer program for international students who are interested in learning the basics and trends of the latest emerging technology or experiencing the beauty of Taiwanese culture and Mandarin language. This program consists of hands-on workshops and seminars, language classes, cultural activities, field trips and company visits.

Program Highlights

- Special topics course
- Special topics seminars
- Mandarin or handcraft classes
- Cultural workshops
- Field trips
- Company visits



NYCU also offers
customized
short-term programs.

Please contact the Office of
International Affairs or visit
the websites below for
more information.



INTERNATIONALIZATION



NYCU has an increasingly international campus and has attracted students from more than 60 countries. As the university continues the drive for internationalization, it constantly seeks opportunities for collaboration and exchange in all areas.

As a part of its commitment to internationalization, the university is expanding its partnerships with leading global industries and academic and research institutes to establish exchange student programs, dual-degree programs, and

research and practical training and internships.

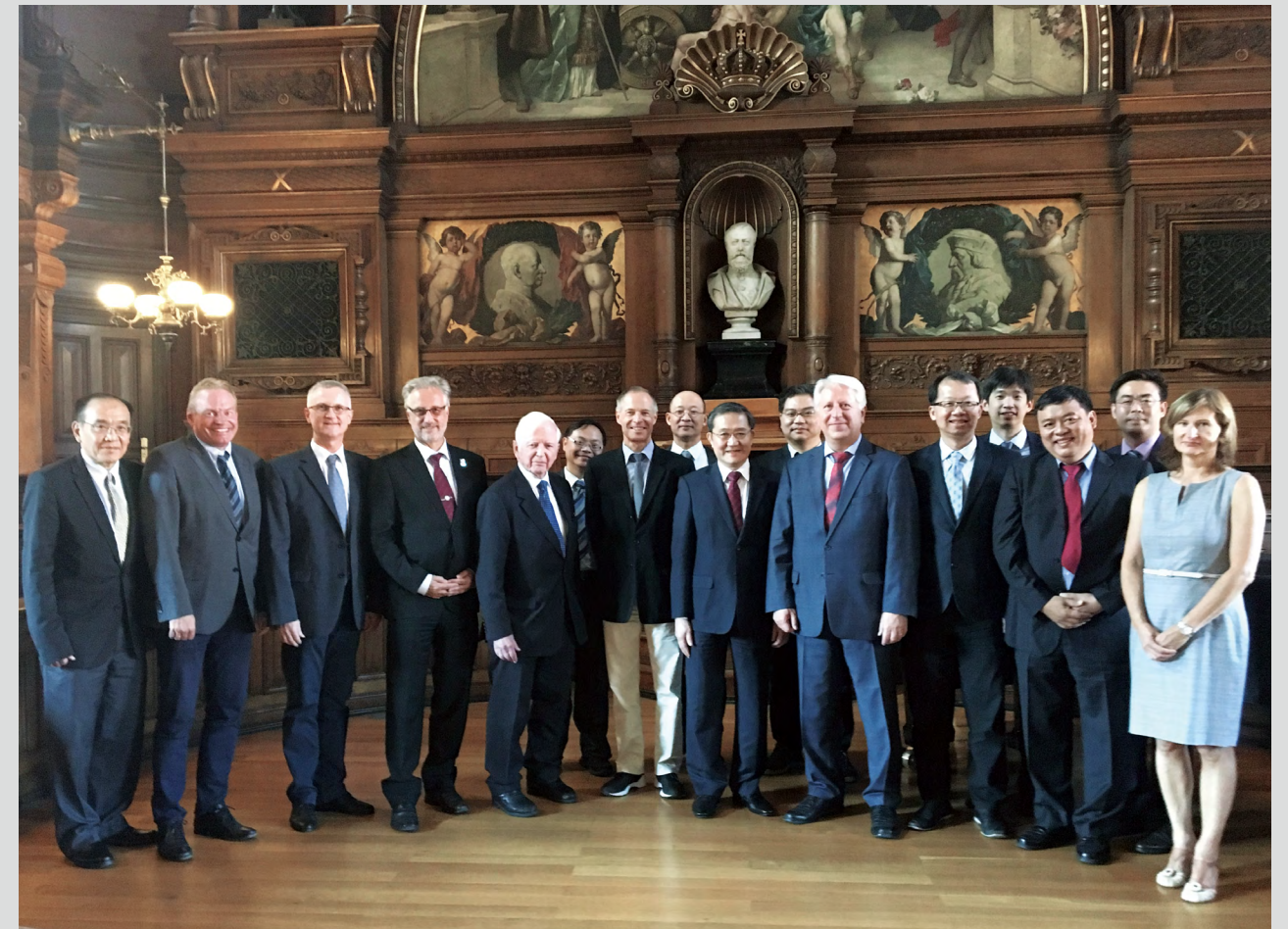
The Office of International Affairs promotes the internationalization process and enhances the global presence of the university. To date, NYCU has collaborated with more than 370 partner institutions regarding student exchange programs, dual-degree programs, and joint research projects.

For example, its collaboration with Chalmers University of Technology (CUT) in Sweden is exemplary. In 2003, NYCU

established the NYCU Europe Office at CUT, and NYCU launched the Chalmers International Taiwan Office under a special student exchange agreement between the two universities. Today, the office is run by approximately 10 exchange students from CUT and holds several Swedish cultural events every year to support reciprocal student mobility and mutual understanding.

Another example is the long and strong partnership with elite international universities such as Heidelberg University

(HU) in Germany. Since 2008, NYCU and HU have collaborations in student exchange, visiting faculty programs, joint research in the field of Neuroscience, and held annual bilateral symposium for over 10 years. In addition, NYCU and HU jointly established Taiwan's first Dual degree program in Biomedical Sciences and Engineering in 2018.



CHINESE LANGUAGE PROGRAM

The Chinese Language Division (CLD), founded in 2005 under the Language Teaching and Research Center at NYCU, offers Chinese courses to international students studying at the university and foreign professionals in the Hsinchu area.

Each semester, CLD provides many Chinese courses from introductory to advanced levels that enable students to learn Chinese systematically, and these courses help them overcome language barriers they may encounter in their daily life. Learning Chinese is essential for students who wish to complete their degree at NYCU and for foreigners who plan on partnering with local businesses



or trade with global firms headquartered in Chinese-speaking countries.

With outstanding teachers, a well-designed curriculum, and several theme-based learning activities, NYCU provides an optimal Chinese language learning environment for students of multiple backgrounds.



STUDENT CAREER DEVELOPMENT



● Career Workshop

NYCU invites professionals and career consultants to be lecturers and organizes several workshops to help students increase their competitiveness for employment. Workshop topics include interview simulations, resume writing, public speaking, and presentation skills.

● Campus Job Fair

NYCU collaborates with the government and international companies in Taiwan on recruitment events to help students advance their career preparation by providing job opportunities and on-site interviews.

● Job and Internship Opportunity

NYCU provides information on working in Taiwan. For more information, please visit: Job Opportunity



KEY RESEARCH CENTERS

NYCU’s advanced research centers were established to promote international and interdisciplinary academic research in all fields. The research groups design innovative, groundbreaking projects that augment the centers’ contributions to expanding fields of interdisciplinary research.

- Center for mmWave Smart Radar Systems and Technologies
- Center for Semiconductor Technology Research
- Center for Open Intelligent Connectivity
- Center for Neuromodulation Medical Electronics Systems
- Center for Intelligent Drug Systems and Smart Bio-devices (IDS2B)
- International Center for Cultural Studies
- Center for Emergent Functional Matter Science, CEFMS
- Brain Research Center
- Cancer Progression Research Center
- Aging and Health Research Center
- AUO-NYCU Joint Research and Development Center
- Frontier Science Technology and System Academic Research Center
- Pervasive Artificial Intelligence Research Labs
- Research Center for Humanities and Social Sciences
- PSMC-NYCU Research Center
- CHT-NYCU Innovation Research Center
- IoT & Intelligent Systems Research
- Research Center of Higher Educational Resource for Openness
- NYCU — Win Semiconductor Technology Innovation Center
- NYCU-LIGHTMED Laser System Research Center
- National Cybersecurity Center of Excellence at NCTU
- Quanta-NYCU Joint AI Research Center
- System On Chip Research Center
- Disaster Prevention and Water Environment Research Center
- NYCU-TSMC Research Center
- MediaTek-NCTU Research Center
- NYCU Taiwan Information Security Center
- Transdisciplinary Design Innovation Shop
- Medical Device Innovation and Translation Center

