

2019



2020

TAIWAN HIGHER EDUCATION

PAVE YOUR WAY TO GLOBAL
ACADEMIC EXCELLENCE
WITH HOSPITALITY

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VISION

FOR TAIWAN'S HIGHER EDUCATION AND HIGHER EDUCATION SPROUT PROJECT



The competition in comprehensive national power in the 21st century means the competitiveness of talents, and Taiwan enjoys rich intellectual resources in this regard. In the World Economic Forum's Global Competitiveness Report 2018, Taiwan is ranked in 13th place, and is consistently in the top-10 for 18 of the indicators; and it is also one of the only four super innovators together with Germany, the US, and Switzerland. Furthermore, 17 Taiwan universities are in the 2018 Quacquarelli Symonds (QS) World University Rankings, and 11 Taiwan universities have been constantly included in the top-500 rankings over the past 5 years. In the Essential Science Indicators, 56 Taiwan universities (34% of the universities in Taiwan) are in the world top 1%, and these top Taiwan universities are also in the world top 1% in 20 subjects, evidencing the international-class quality of Taiwan's higher education.

Given the pressure from talent hunts by many countries over the past several years, the Ministry of Education kicked off its Higher Education Sprout Project in 2018 to comprehensively improve university quality and expedite pluralistic development of Taiwan universities to help strengthen their international competitiveness.



Higher Education Sprout Project with Equal Emphasis on Teaching and Research

NT\$83.6 billion will be available in 5 years to help develop university features and strengthen teaching innovation, so that Taiwan universities will be able to leverage the domains in which they excel to further strengthen their international leadership, develop first-class R&D centers, and increase international influence.

Yushan Project Implementation to Strengthen Recruiting and Retaining Talents

The Project includes the Yushan Scholar Project and Faculty Merit Pay System, together with a 10% raise of faculty research allowances to provide internationally competitive packages to recruit and retain top domestic and foreign professor, while strengthening nurturing young up-and-coming scholars to inject new blood into higher education.

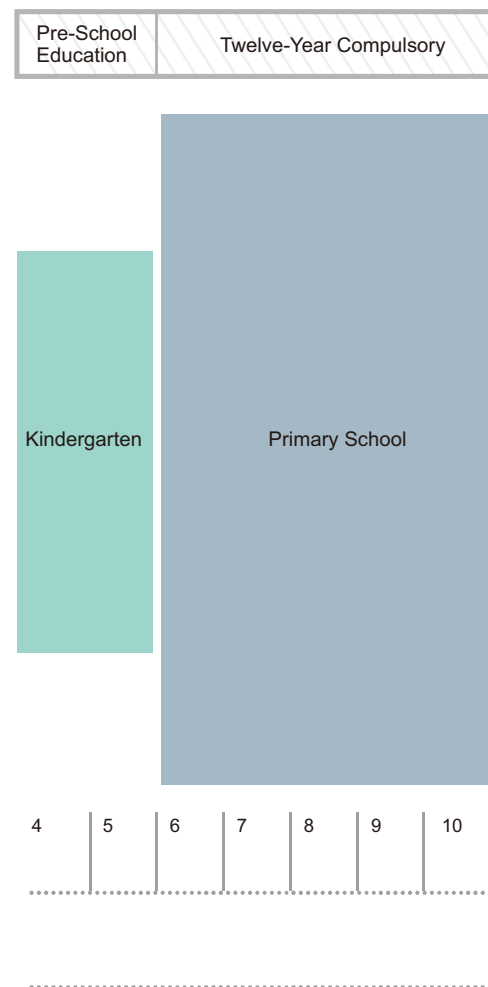
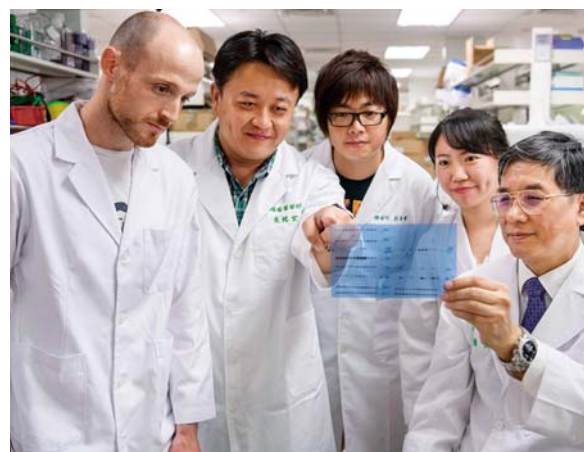
Academia-industry Cooperation to Extend University R&D

The cooperation includes the University Industry Innovation R&D Program and From Innovation to Entrepreneurs-Spinoff-Operation-Startup (SOS-IPO) to effectively combine university R&D capabilities with industry resources in an academia-industry programs offering innovation, startup curricula, startup matchmaking, and financing provided to help innovation and entrepreneurship take root on campus.

International Exchange Environment Development to Attract and Cultivate Worldwide Talents

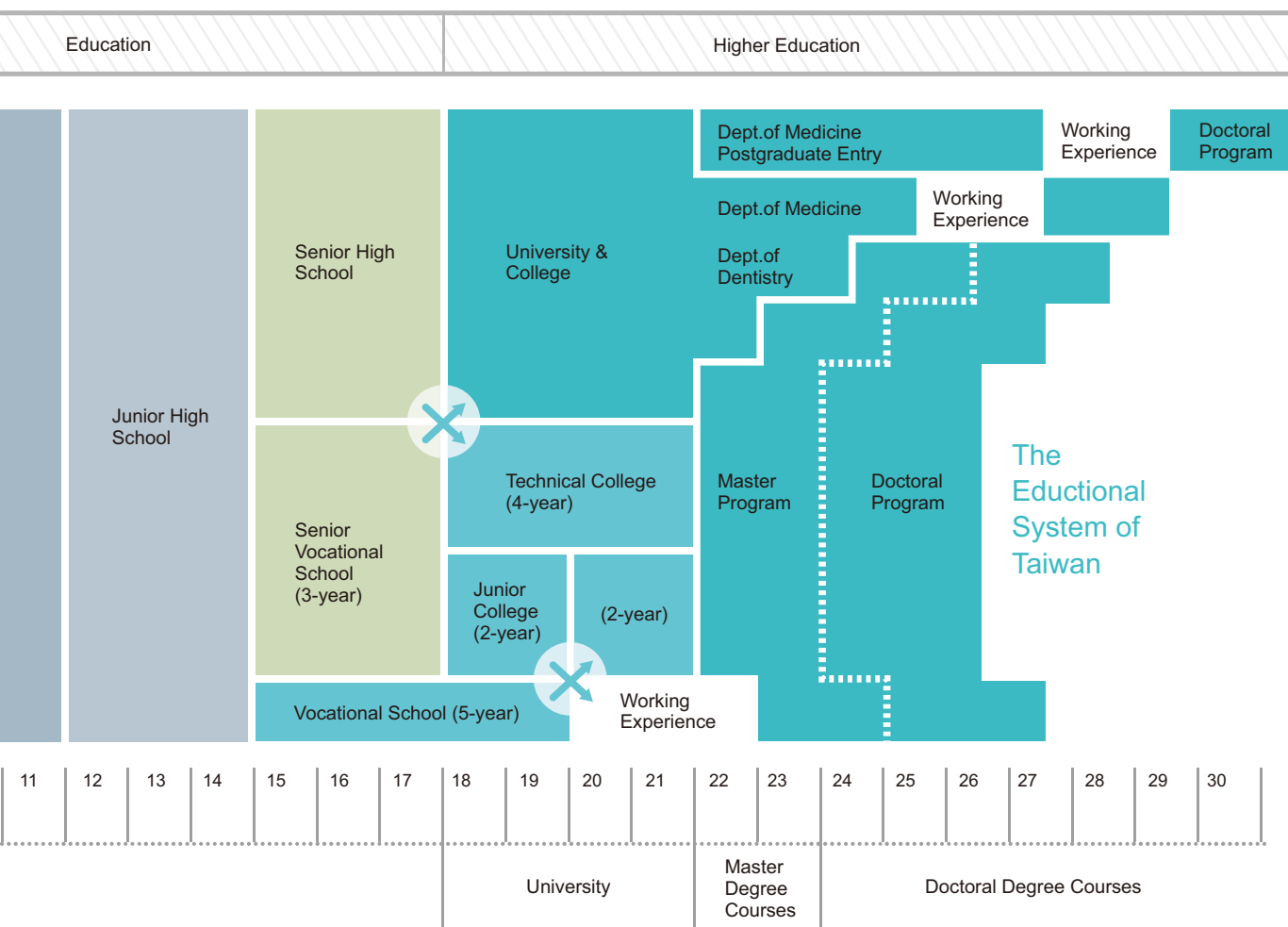
Implementation of the New Southbound Program helps strengthen the cooperation and exchange with ASEAN and Southeast Asian countries to : establish an education system facilitating diverse international exchange and cross-cultural experience, strengthen cooperation with top universities or research institutes for talents cultivation, and promote international exchange of talents.

The Ministry of Education's vision for higher education has been helping Taiwan universities steer away from how they traditionally work, and focus more attention on: innovating school management and curriculum systems, developing an education environment conducive to excellence, pursuing innovation and pluralistic development in higher education, rebuilding the paradigm of universities, strengthening university social responsibilities, and cultivating outstanding talents as the strong momentum for ongoing national development and progress.





The Current Education System of Taiwan



SUPERIOR HIGHER EDUCATION IN TAIWAN

DIVERSE AND INNOVATIVE TEACHING

As knowledge is becoming increasingly diverse and specialized, learning should no longer be limited to textbook knowledge and should become a portable capability. Therefore, Taiwan has been renovating its higher education over the past several years by making breakthroughs from existing learning systems, fields of education, curriculum design, and credit and degree conferral rules, to develop even more diverse and innovative teaching models.



INTERDISCIPLINARY AND CROSS-DEPARTMENT PROGRAM

- Participation by **32** universities and **62** colleges
- Cultivation of interdisciplinary integration talents
- Colleges as the core of teaching units
- Integration of individual department disciplines within colleges for development of diverse and innovative curriculum modules

Example: Education bachelor's program, MBA program, and electrical engineering doctoral program.

AMENDMENT TO DEGREE CONFERRAL ACT

- Degrees conferred by majors
- Flexible study across departments, colleges, and degree programs

Example: Feng Chia University has different curriculum modules consisting of first majors, second majors, and minors for students to select their first majors based on their college professional disciplines, while studying second majors and minors across departments. Moreover, students do not have to select a department. Instead, they can pursue mentor-guided purpose learning and paced education, and can also study abroad for boundaryless learning.

**Breakthrough
from Existing
Education
System**

THESIS FORM DIVERSIFICATION

- Division between academic and practice

Master's program

- Program in general ►
Dissertation required
- Fine arts, applied science or technology, or sports ►
A work, proof of achievement accompanied by a written report, or a technical report instead of a master's degree thesis
- Professional practice ►
A professional practice report instead of a thesis

Doctoral program

- Program in general ►
Dissertation required
- Fine arts, applied science or technology, or sports ►
A work, proof of achievement accompanied by a written report, or a technical report instead of a doctoral thesis



MICROCREDIT COURSE

- Primarily for theme-based curricula
- 18 to 20 microcredits in exchange for 1 credit

Example: Providence University offers many interdisciplinary microcredit curricula that are industry practice-oriented. Taking a course for 20 hours earns 1 microcredit. The diverse and flexible microcredit curricula include attendance at speeches on specific subjects, as well as workshop participation and practice with microcredits provided on a variety of subjects such as movies and sexuality literacy, career development, reading comprehension and life stories, etc.

CO-LECTURING

- Lecturing by more than two teachers across disciplines
- Design of curricula and related activities after teachers' exploration of the interdisciplinary issues in which they are interested

Example: The interdisciplinary Social Engagement Program at the National Central University features co-lecturing by humanities, science, and sociology teachers to help students think of how to resolve social issues from different perspectives and pursue innovation.



Innovative Teaching Model

PBL FACTORED INTO TEACHING

- Development of independent learning by problem-based learning (PBL)

Example: The teaching method with PBL integrated at the Kaohsiung Medical University changes unilateral lecturing to first identifying the medical issues or questions to be resolved or answered by students; this is followed by students and their professors establishing hypotheses and then testing them, so that the target knowledge to be acquired can be substantiated to help better achieve the objective of learning.

EDUCATION FOR CREATIVITY, INNOVATION, AND ENTREPRENEURSHIP

- Thorough implementation of education for creativity, innovation, and entrepreneurship

Example: The SAP Next-Gen program implemented by the National Central University and SAP is a space for maker talents supported by innovation practices through academia-industry cooperation, relevant contests, and experimental student startup communities among others to help strengthen students' competencies for innovation and entrepreneurship and enable a digital transformation of Taiwan and its businesses.

Example: The National Cheng Kung University, financed by its alumni association in North America, sends its student startup teams to attend training provided by the Plug and Play Tech Center in Silicon Valley. With Silicon Valley financing, some of the teams have established their startup ventures to become innovative talents with international mobility.



MASSIVE OPEN ONLINE COURSE

2017

470 teachers' involvement

233 available courses

160,000 enrollments

3.8 million users



PROGRAMMING INCLUDED INTO GENERAL EDUCATION

- Enrollment percentage as high as 50%
- Universities, encouraged by financing provided by the Ministry of Education to offer as many programming-related courses as they can
- Humanities students capable of basic app programming

SOCIAL ENGAGEMENT INCLUDED INTO TEACHING

- Exploration of social issues by combination of textbook knowledge with field investigation
- Development of practical solutions by integrating the capabilities and professionalism of students and the faculty
- Learning extendable to every corner of society

Example: Taipei Medical University combines its Biomedical Informatics, Gerontology Health Management, and Humanities in Medicine disciplines for students to take inventory of the elderly living alone in 41 boroughs near the school, using a big data bank for food bank planning and management to realistically resolve social issues while benefiting from more effective learning.



SUPERIOR HIGHER EDUCATION IN TAIWAN

TOP-CLASS R&D

R&D at Taiwan Universities Well Recognized by Global Academic Communities

Overall Global Ranking

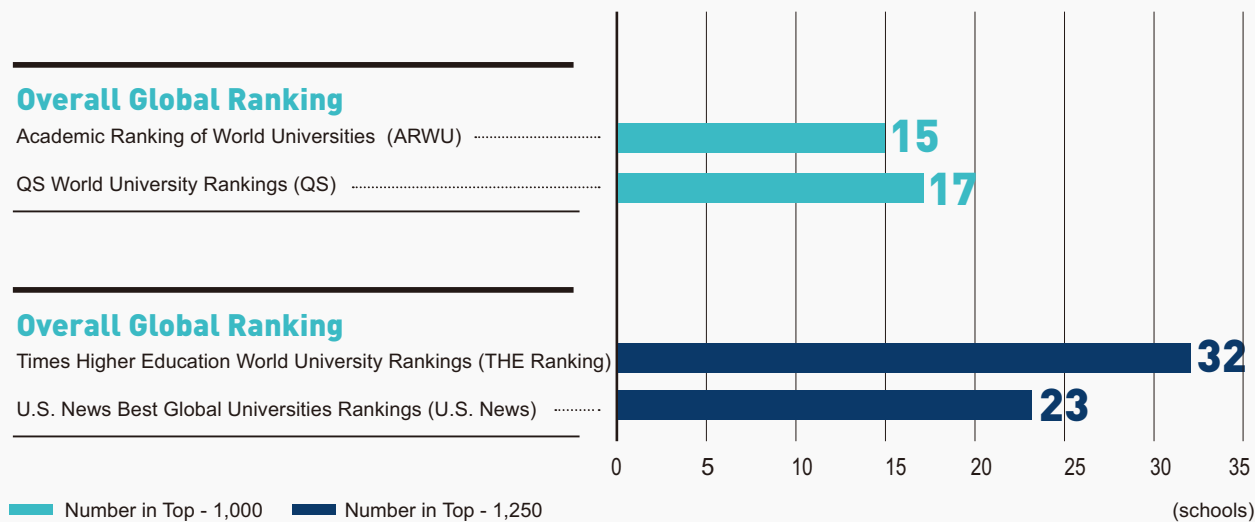
Academic Ranking of World Universities (ARWU) 15

QS World University Rankings (QS) 17

Overall Global Ranking

Times Higher Education World University Rankings (THE Ranking) 32

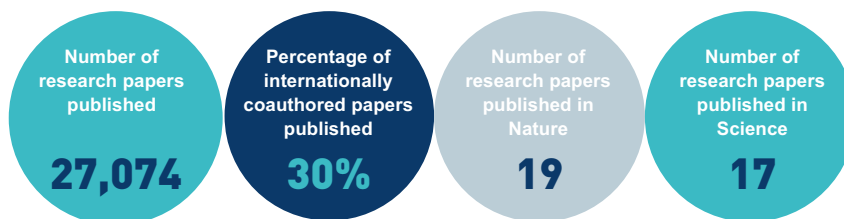
U.S. News Best Global Universities Rankings (U.S. News) 23



Improved Quality and Quantity of Academic Research

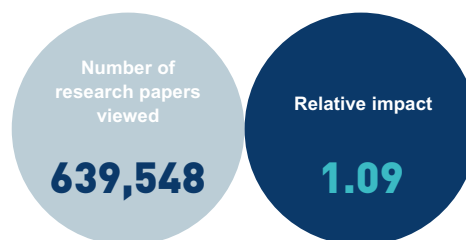
Both the quality and quantity of academic research in Taiwan continued to improve in 2015, when Taiwan universities achieved outstanding overall performance in research papers on the Web of Science (including the SCIE and the SSCI) and Scopus. International visibility was high in terms of both the number of research papers published and the number of research papers reviewed.

2015 Overall Performance on Web of Science

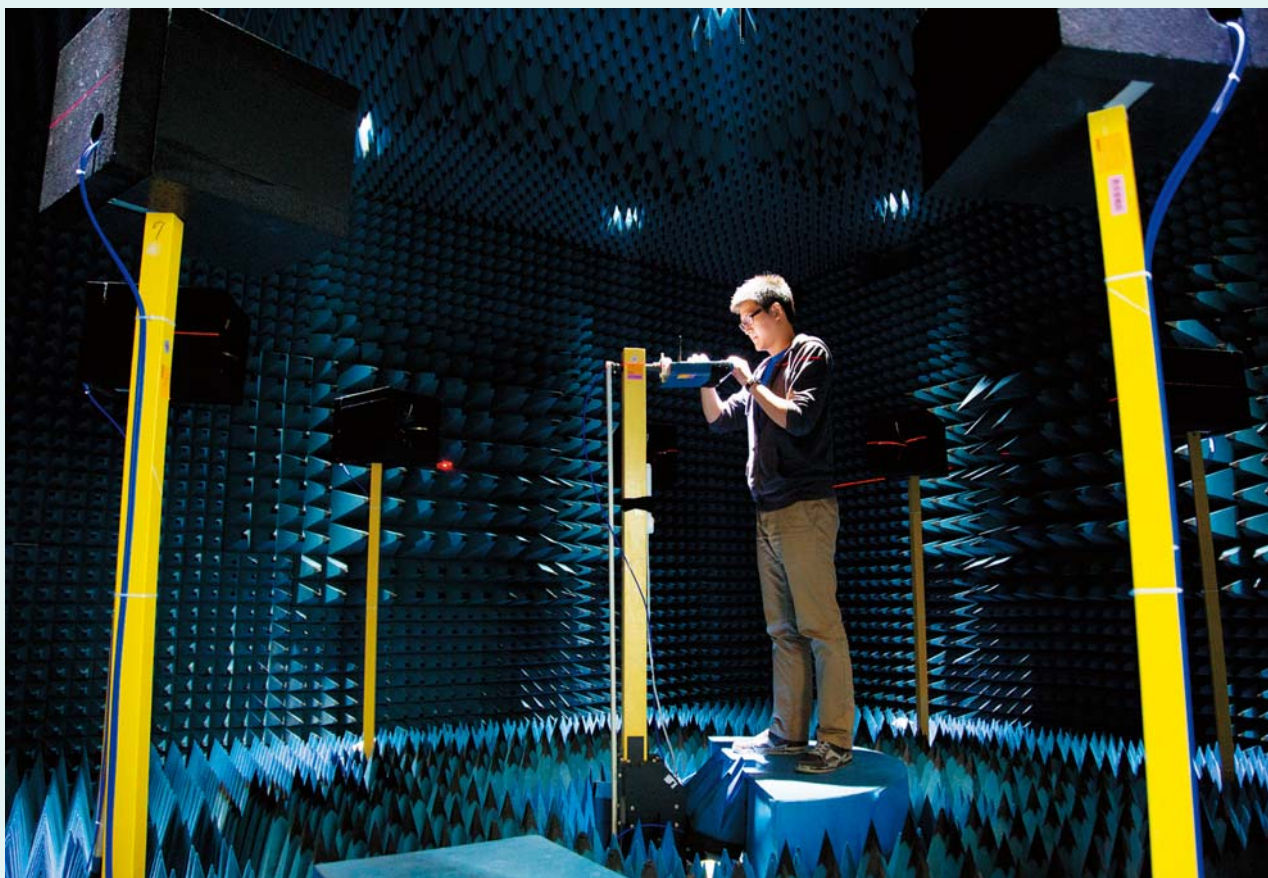


Note: Only those published in *Nature* are counted; those in other *Nature* journals are not counted.

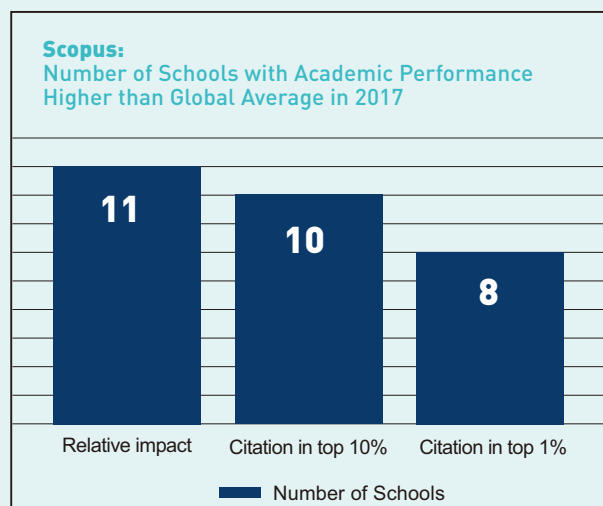
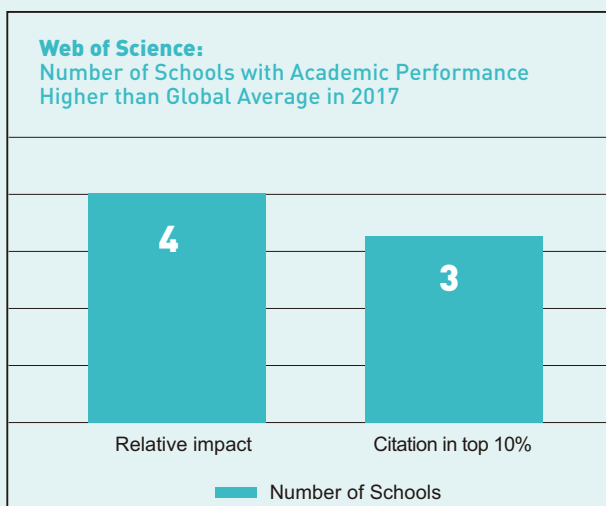
2015 Overall Performance on Scopus



Note: If the relative impact is higher than one, the impact is higher than the global average.



The individual performance of top universities in Taiwan, including the relative impact of their papers as well as being cited in the top 10% and top 1%, which are all higher than the global average.



In the ESI, Taiwan has a total of 21 disciplines in the top 1%, with 60 universities' different discipline in the top 1%, and the number of research papers from 12 universities in the top-200 ranking.


Academic Strength of Feature Area Research Center

To help cultivate top international talents, the Ministry of Education of Taiwan continues funding for 24 universities' 65 feature area research centers. The centers enjoy considerable international awareness and feature strong research capabilities in Medicine, Engineering, Science, Life Science, Agriculture, Social Science, as well as Arts and Humanities, as tabulated as below.

Medicine

	Feature Area Research Center School	Number of Research Papers in Top-200 Ranking in ESI Top 1%
	Drug Development Center China Medical University	● Pharmacology and Toxicology
	Chinese Medicine Research Center China Medical University	● Pharmacology and Toxicology
	Brain Research Center National Yang-Ming University	● Clinical Medicine
	Cancer Progression Research Center National Yang-Ming University	● Clinical Medicine
	Centers of Genomic and Precision Medicine National Taiwan University	● Clinical Medicine

Science

	Feature Area Research Center School	Number of Research Papers in Top-200 Ranking in ESI Top 1%
	Center for Emergent Functional Matter Science National Chiao Tung University	● Material Science
	Frontier Research Center on Fundamental and Applied Sciences of Matters National Tsing Hua University	● Material Science and Chemistry
	Center for Quantum Technology National Tsing Hua University	● Material Science and Chemistry
	National Taiwan University Research Center for Future Earth National Taiwan University	● Earth Science
	Center of Atomic Initiative for New Materials National Taiwan University	● Material Science

Engineering

	Feature Area Research Center School	Number of Research Papers in Top-200 Ranking in ESI Top 1%
	Center for mmWave Smart Radar Systems and Technologies National Chiao Tung University	● Engineering and Computer Science
	Center for Semiconductor Technology Research National Chiao Tung University	● Engineering and Computer Science
	Center for Open Intelligent Connectivity National Chiao Tung University	● Engineering and Computer Science
	Center for Neuromodulation Medical Electronics Systems National Chiao Tung University	● Engineering and Computer Science
	Hierarchical Green-Energy Materials (Hi-GEM) Research Center National Cheng Kung University	● Engineering and Material Science
	Medical Device Innovation Center National Cheng Kung University	● Engineering and Material Science
	Intelligent Manufacturing Research Center National Cheng Kung University	● Engineering and Computer Science
	High Entropy Materials Center National Tsing Hua University	● Material Science Chemistry
	Advanced Research Center for Green Materials Science & Technology National Taiwan University	● Engineering and Computer Science
	Center of Excellence for Ocean Engineering National Taiwan University	● Engineering and Material Science

Social Science

	Feature Area Research Center School	Number of Research Papers in Top-200 Ranking in ESI Top 1%
	Taiwan Institute for Governance and Communication Research National Chengchi University	● Economics and Business Management
	Center for Research in Econometric Theory and Applications National Taiwan University	● Economics and Business Management
	Center of Innovative and Sustainable Environment and Policy of Population Health National Taiwan University	● Economics and Business Management



SUPERIOR HIGHER EDUCATION IN TAIWAN

LARGE-SCALE ACADEMIA-INDUSTRY COOPERATION

To strengthen students' employment competitiveness, the Ministry of Education of Taiwan has started to encourage universities to seek substantial cooperation with relevant industries through its academia-industry cooperation program for cultivation of R&D talents at the doctoral level, industrial master's programs, and subsidization of R&D for industrial innovation at universities. This cooperation has been very successful.

Overview of Academia-industry Cooperation in 2017 in Taiwan



Employment Competitiveness Enhancement by Comprehensive Cultivation of Talents

INDUSTRIAL PH.D.

Through degree programs, universities work with businesses or legal entities to cultivate talents at the doctoral level, and let doctoral students conduct real-world R&D at businesses. Both universities and businesses function as doctoral thesis advisors to help enhance doctoral talents' R&D competencies for the real business world.

210,000 INTERNS

Out-of-school internships were provided to approximately 210,000 students in 2017. More than 6,700 students had overseas internships throughout the 5 continents including Middle East.

INDUSTRIAL MASTER'S

Universities work with businesses to offer executive programs and develop curricula while engaging relevant industry talents and professionals as program lecturers. The programs are provided in spring and fall respectively, and the businesses cooperating with a program are required to hire more than 70% of the program graduates.



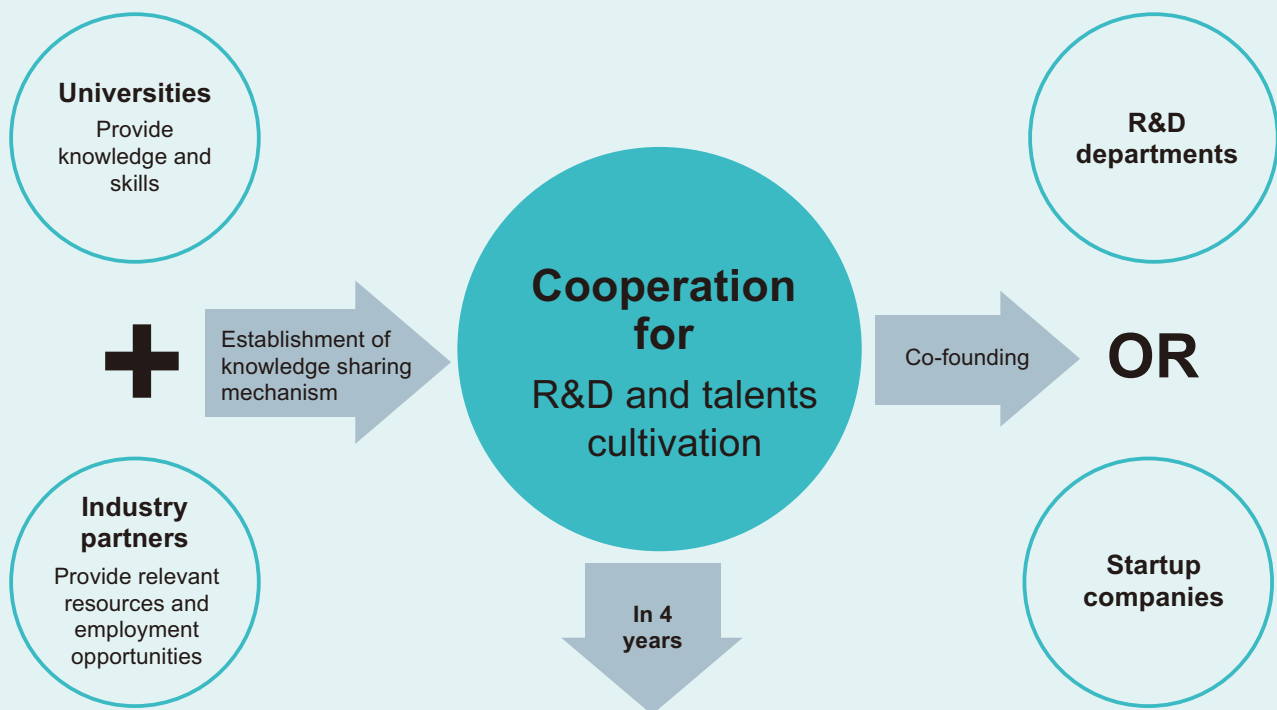
Out-of-school Interns from Taiwan Universities

Academic Year	Domestic Interns	Overseas Interns
2016	174,181	4,970
2017	201,096	6,726

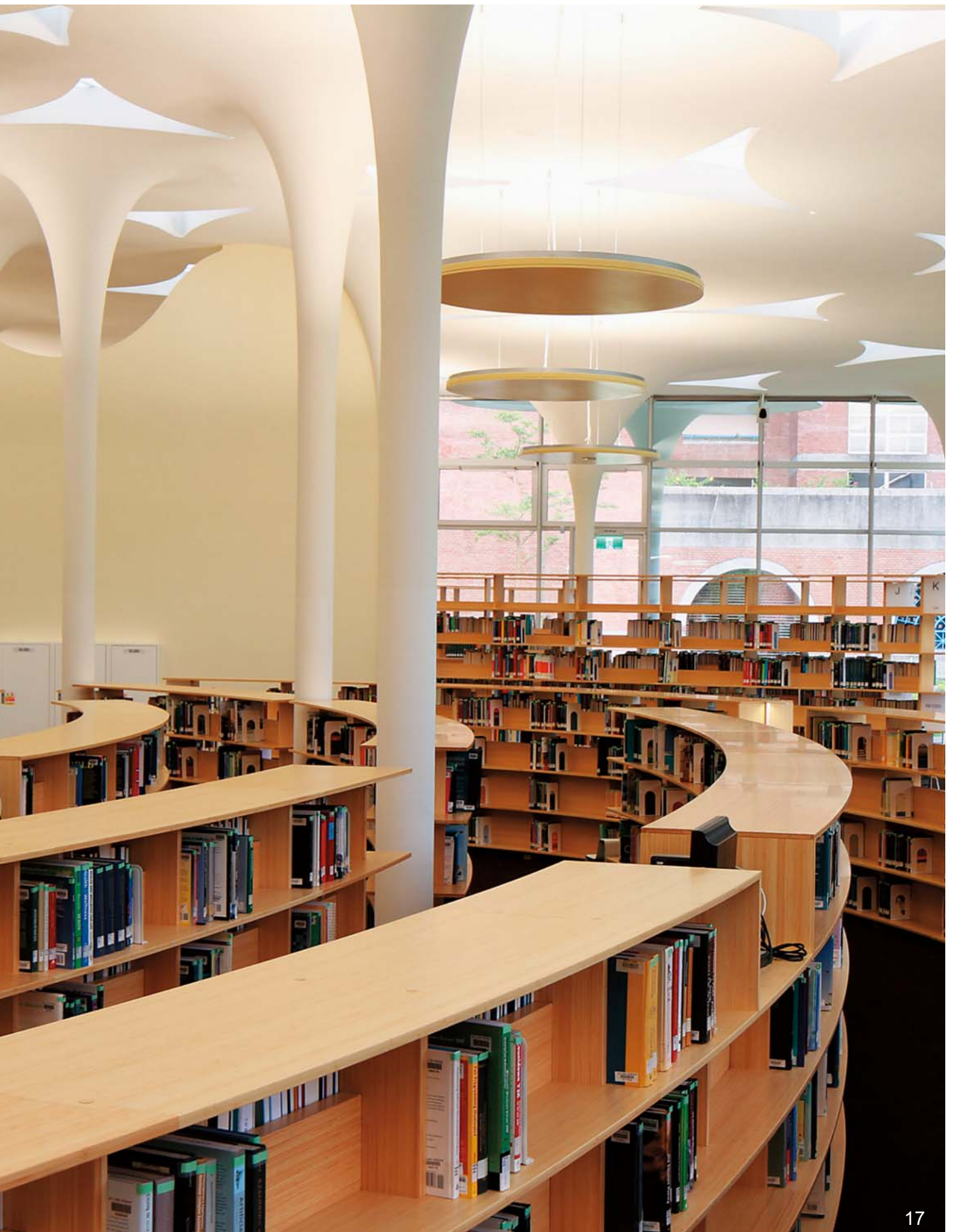


Cultivation of Advanced R&D Talents for Industrial Innovation

To effectively align R&D at universities with relevant industry resources, to stay abreast of ongoing industrial innovation, the Ministry of Education's subsidization to R&D for industrial innovation at universities facilitates academia-industry cooperation for R&D conducted by doctoral talents led by their professors. The cooperation is intended not only to strengthen doctoral students' competencies but also to establish joint R&D departments or R&D service companies for the mutual benefit of participating schools and businesses.



More than **600** doctoral R&D talents
More than **200** key technologies and products

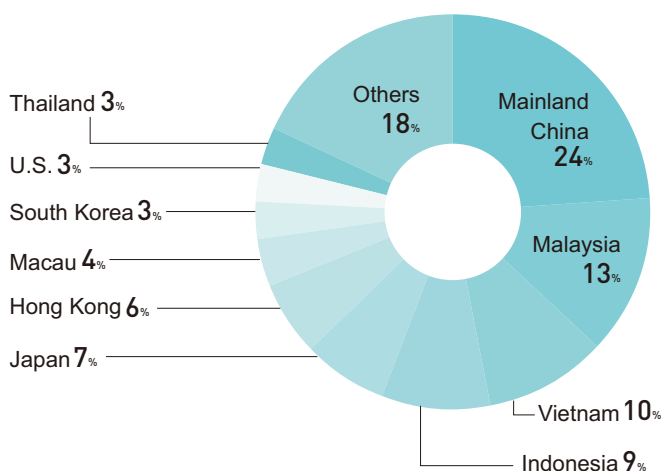


SUPERIOR HIGHER EDUCATION IN TAIWAN

OUTSTANDING LEARNING ENVIRONMENT

The outstanding and wide-ranging learning environments provided by Taiwan universities help attract tens of thousands of international students to Taiwan to pursue their degrees or attend short-term programs. In the past 10 years, the number of foreign students increased from 39,000 plus to 120,000.

TOP-10 SOURCES OF FOREIGN STUDENTS IN 2018 BY COUNTRY OR AREA



Advantage 1 A Variety of Scholarships

Type 1: Taiwan Scholarship Program

- Encouragement of outstanding and up-and-coming students to study in Taiwan
- Joint-implementation by the Ministry of Education and Ministry of Foreign Affairs

Tuition and miscellaneous fees

Lower than NT\$40,000

→Financed by the Ministry of Education after verification (The categories of miscellaneous fees financed by the Ministry are otherwise stipulated)

Amount exceeding NT\$40,000

→Payable by the student to his or her school

Daily life allowance

Undergraduate student →NT\$15,000 per month

Master's and doctoral student →NT\$20,000 per month

Maximum period of scholarship offering

Undergraduate study →4 years

Master's study →2 years

Doctoral study →4 years

Note: The period for any student to receive the scholarship shall not exceed 5 years in accumulation.

Type 2: New Southbound Scholarship Program

- Applicant: University lecturers from ASEAN and Southeast Asian countries studying for degrees in Taiwan
- Number of people financed: 100 per year
- Amount of financing: NT\$25,000 per month
- Accumulated headcount: 300 people



Advantage 2

Friendly Language Environment Development

Type 1: Mandarin Learning Platform

In 2016, the Ministry of Education established its Office of Global Mandarin Education, which lists Mandarin learning centers throughout Taiwan on its website at <https://ogme.edu.tw/Home/tw> to help foreign nationals rapidly identify the language centers and courses that suit them. Moreover, there are free online learning resources such as Mandarin 101 and Learning Chinese: Start from Scratch for both Mandarin learners and teachers. The Ministry of Education has also stipulated the Guidelines for Application for the Huayu Enrichment Scholarship Program to encourage foreign nationals to learn Mandarin in Taiwan to gain a better understanding of the culture and society of Taiwan. Qualified applicants may apply to the Taiwan representative offices in their countries or where they live for program attendance.



Huayu Enrichment Scholarship Program

Eligibility

International applicants above the age of 18, who possess a high school diploma or above, have shown excellent academic performance, and are of good moral character.

Ineligibility

- Is an overseas Chinese student or a national of the R.O.C.
- Is currently registered as a student at a Mandarin Language Center or has sought a degree from a university or college in Taiwan.
- Has already received a HES or a Taiwan Scholarship, in the past.
- Is an exchange student to Taiwan, during the scholarship period.
- Is currently receiving financial benefits from the Taiwan government or another educational institution.

Monthly scholarship: NT\$25,000

Period of scholarship offering: Summer term of 2 months, and short-term classes that may respectively last 3, 6, or 9 months to 1 year

Special requirement: Except the summer term, the scholarship is awarded from September 1 to August 31 of the following year. Failure to enroll in Taiwan during the designated time shall be considered forfeiting the scholarship.

Type 2: Full English Program Development

The Taiwan universities offering full English programs have been increasing year by year. In 2019, more than 90% of 399 degree programs were taught in English, including Education, Arts and Humanities, Social Science, Journalism, Business Management, Law, Natural Science, Mathematics, Statistics, Information and Communications Technologies, Engineering, Architecture, Agriculture, Forestry, Fishery, Veterinary Medicine, Healthcare, Social Welfare, and service sector-related disciplines.

Advantage 3 Innovative Industry Talents Cultivation

The Taiwan Experience Education Program (TEEP@AsiaPlus) launched by the Ministry of Education by integration of relevant resources encourages foreign nationals to gain an understanding of the advantages of Taiwan's higher education through professional internships together with Mandarin learning and cultural experience activities prior to their degree or non-degree study in Taiwan. From February 2017 to June 2019, Taiwan universities offered a total of 250 TEEP@AsiaPlus internship programs that attracted near 1,300 outstanding young people to Taiwan.

800 People Attracted to Taiwan by TEEP@AsiaPlus in 2 Years

Internship Duration: Up to 6 months

Internship Disciplines: IoT, Biomedicine, Green Energy Technology, Smart Machinery, Defense Technology, New Agriculture, Circular Economy, Digital Intelligence, English Teaching, etc.

2019-2020 Disciplines: 137 disciplines offered by 36 universities

Program website: <http://www.studyintaiwan.org/teep/>

Advantage 5 Friendly Learning Environment

HIGH QUALITY BOARDING

Many university dormitories have been renovated over the past several years, and the quality of boarding has been improving with sufficient living space for students from abroad.



CULTURAL INTEGRATION

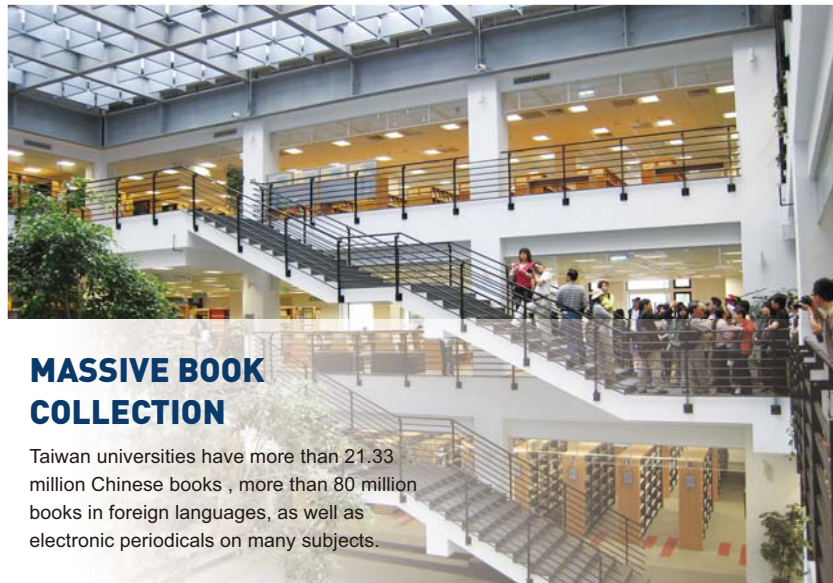
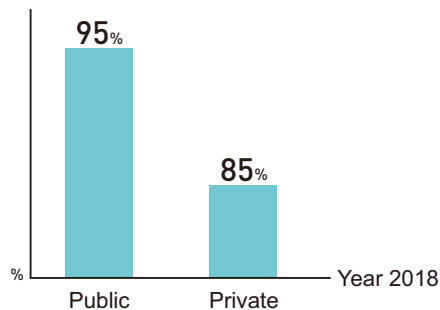
Taiwan universities accommodate different cultures, ethnicities, and faiths. There are churches, Muslim prayer rooms, and halal restaurants on campus as well as Ramadan to help foreign students obtain spiritual tranquility in Taiwan.



Advantage 4 High Quality of Faculty

95% of the faculty at Taiwan's public universities are above the assistant professor level, while the percentage at Taiwan's private university is 85%.

Both the number of researchers, 147,000, and the ratio of researchers to every 1,000 employees, 13.1%, rank highest in Asia.



MASSIVE BOOK COLLECTION

Taiwan universities have more than 21.33 million Chinese books, more than 80 million books in foreign languages, as well as electronic periodicals on many subjects.



ART ON CAMPUS

Both students and the faculty can enjoy scenic campuses where there are installation arts for existing school buildings or new buildings designed by internationally renowned architects.

SMART CLASSROOM

To enable barrier-free learning, Taiwan universities have been renovating their classrooms, such as the 360°, annular classroom at Tunghai University, increase of digital interactive devices, and problem-based learning environment development to enhance teaching effectiveness.

SUPERIOR HIGHER EDUCATION IN TAIWAN

INTERNATIONAL MOBILITY FOR HIGHER EDUCATION

2017 HIGHLIGHTS

(Source: Department of Statistics,
Ministry of Education, and university
administration databanks)

31,480

Taiwan students went abroad for various
international exchange programs.

3,043

Joint dual degree programs were implemented
in cooperation with foreign universities.

1,092

Domestic students pursued joint dual degrees.

1,082

Foreign students pursued joint dual degrees.

6,726

students took part in overseas internships.

67,688

Students studied abroad (Note: 2018 statistics)

To develop Taiwan's higher education leadership in East Asia, the Ministry of Education of Taiwan focuses on further improving Taiwan's friendly environment for foreign students and there are also plans to strengthen the marketing of the superior higher education in Taiwan by organizing international higher education fora and annual educator conferences and to set up 30 representative organizations in 20 countries and territories, so that overseas Taiwan students can be taken good care of in their vicinities while international academic exchange will be facilitated in the future to enhance the international mobility of Taiwan's higher education.

1st Strategy: Marketing of Taiwan's Friendly Environment for Foreign Students

Taiwan's commitment to developing an internationalized learning environment attracts more than 120,000 international students to Taiwan every year. To continue developing international talents, Taiwan provides various scholarships to encourage outstanding foreign students to study in Taiwan, for example the Elite Study in Taiwan Project, established by the Ministry of Education in 2008, talents cultivation in cooperation with central and local government agencies in Indonesia, Thailand, Vietnam, and other Southeast Asian countries, and assistance to university lecturers and government officials in winning government scholarships for them to attend school or training in Taiwan to strengthen Taiwan's international influence.

2nd Strategy: Global Mobility Enhanced by Overseas Study

Taiwan's government examinations for overseas study scholarships have helped cultivate more than 2,000 international talents. In 2007, the Ministry of Education commenced its Study Abroad Projects to select students and send them overseas for study or internships, and has sent more than 32,000 students abroad.

Study Abroad Project from 2016 to 2018

Project category	Approach	Number of students
Credit study	Select outstanding students and send them overseas for university credit study.	3,841
Assistance to low-income family students for credit study	Select outstanding but low-income family students and send them overseas for university credit study	245
Internships in Non-New Southbound Policy Countries	Select outstanding students and send them to the countries not included into the New Southbound Policy for internships.	5,485
Internships in New Southbound Policy Countries	Select outstanding students and send them to the countries included into the New Southbound Policy for internships.	2,936
Total		12,507

The Ministry of Education's scholarship cooperation with the world's top-100 universities aims at developing internationally advanced talents at the doctoral level. There are 14 scholarships available now.

Fourteen Scholarships Cooperated with World's Top-100 Universities	
•Taiwan Cambridge University Scholarship	•Taiwan-College of Chemistry, UC Berkeley Fellowships
•Taiwan-Oxford Graduate Scholarships	•Taiwan – Whiting School of Engineering, Johns Hopkins University Fellowships
•Taiwan Washington University in St. Louis Scholarship	•The Taiwan Australian National University Scholarships
•TW USC Scholarship	•Taiwan Paris-Sud Doctoral Scholarships
•TW-Caltech Scholarship	•Taiwan KU Leuven Scholarship
•Taiwan Columbia Scholarship	•Taiwan EPFL PhD Scholarship
•Taiwan UIUC Scholarship	•Taiwan –KAIST Scholarships

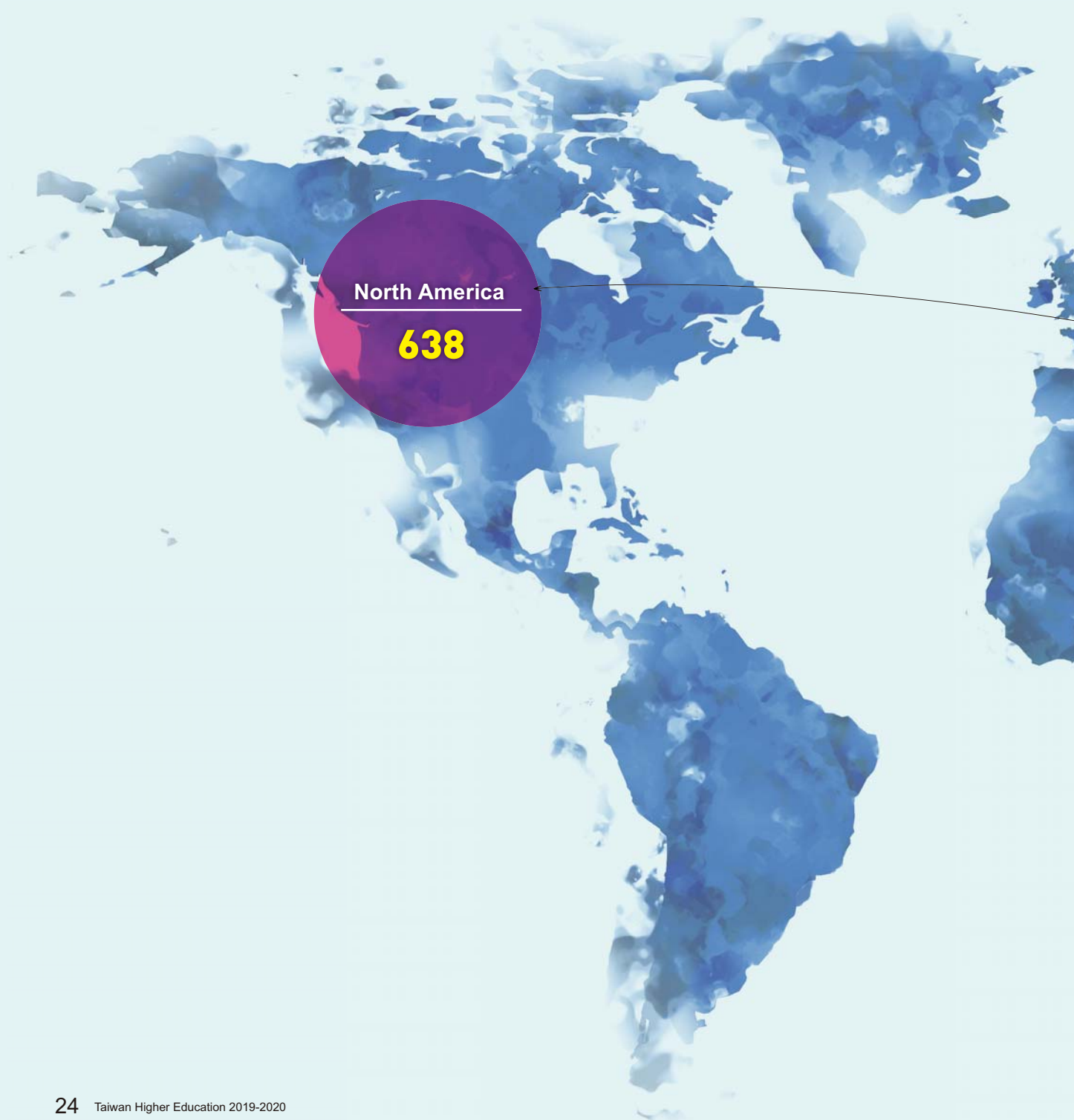
3rd Strategy: International Competitiveness Enhanced by Cross-Taiwan Strait Academic Exchange

The higher education exchange between Taiwan and Mainland China has become increasingly close over the past decade in terms of developing school alliances, signing academic exchange agreements, education professionals visiting each other, mutual recognition of degrees, and increasing numbers of degree and non-degree students crossing the Taiwan Strait to help strengthen the international competitiveness of Taiwan's higher education.

To facilitate student exchange across the Taiwan Strait, the Ministry of Education encourages Taiwan universities to invite students from Mainland China to study in Taiwan. More than 20,000 students from Mainland China come to Taiwan every year, and the agreements signed between schools across the Taiwan Strait have been increasing significantly. More than 10,000 academic cooperation and exchange agreements signed across the Taiwan Strait have been approved by the Ministry of Education.

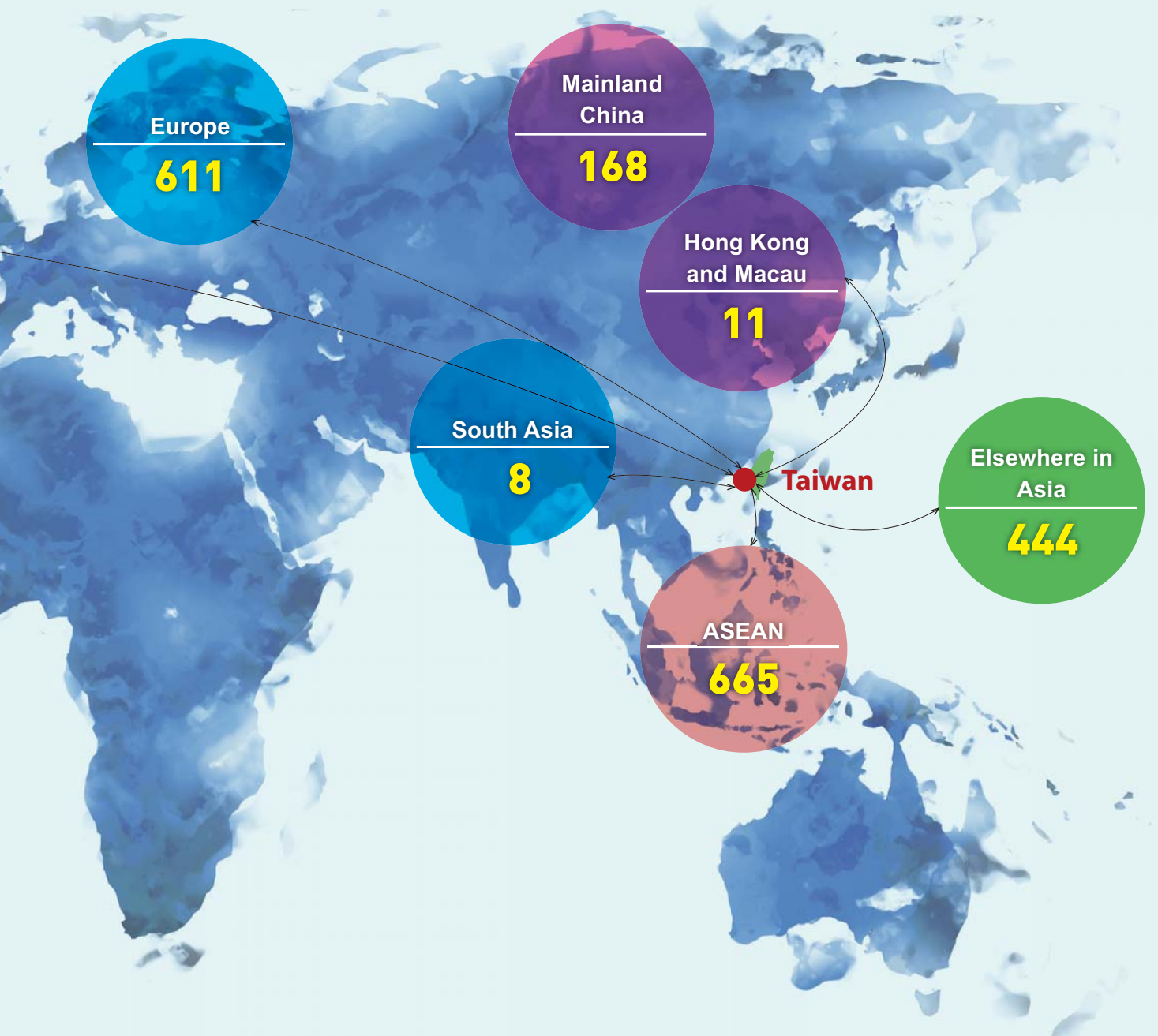
In the past 5 years, about 25,000 to 30,000 undergraduates and graduates from Mainland China came to Taiwan every year to pursue their study.

CASES OF INTERNATIONAL JOINT DUAL DEGREE COOPERATION BY AREA IN 2017



4th Strategy: Visibility Enhanced by Joint Dual Degree Cooperation with Foreign Universities

To increase international exchange opportunities for students and the faculty, the Ministry of Education encourages Taiwan universities to establish joint dual degree programs or non-degree programs with foreign universities. The joint dual degree programs offer bachelor's, master's, and doctoral degrees, and Taiwan universities processed a total of 2,471 cases of joint dual degree cooperation in 2017.



RECRUITMENT OF TALENTS WORLDWIDE

YUSHAN PROJECT FOR TOP INTERNATIONAL SCHOLARS

To attract international-class scholars to teach and conduct research in Taiwan, the Ministry of Education of Taiwan continues strengthening its talents recruitment.



In 2018, a total of 46 top international scholars were recruited to Taiwan, including 24 Republic of China nationals from aboard, 10 US nationals, 3 French nationals, as well as others from Japan, Korea, Canada, Germany, and the UK.

James Lee, one of the Republic of China nationals from aboard and an internationally leading nanomaterial expert, worked in the US after earning his Ph.D. degree there. His career development in the US made him an internationally renowned nanomaterial expert, highly reputed to many international-class research institutes. Because of the Yushan Project, he returned to Taiwan and joined the Institute of Biopharmaceutical Science, National Yang-Ming University, bringing in the nanochip technology he excels in to Taiwan to help strengthen the research quality of early cancer detection.



Wilhelm Gruissem

Plant Biology Prof. Wilhelm Gruissem comes from Eidgenössische Technische Hochschule Zürich and now teaches at the National Chung Hsing University. Prof. Gruissem considers the university's rice paddy research remarkable at the school's Agricultural Experiment Station and wants to conduct field tests in Taiwan to together resolve the food shortage issues around the world.

Recruitment of talents from around the world is continuous and endless, and the Ministry of Education is continuously recruit Yushan Scholars and Young Scholars in 2019 to help the higher education in Taiwan become even more internationally competitive.

Yushan Scholar Project		Yushan (Young) Scholar Project	
Packages and Benefits		Packages and Benefits	
3 years	NT\$5,000,000 Statutory salary: Up to NT\$6,500,000 annually for three years in succession (approx. US\$160,000)	5 years	NT\$1,500,000 Statutory salary: Up to NT\$1,500,000 annually for three years in succession (approx. US\$48,000)
	Supportive Measurement: Up to NT\$1,500,000 per year, including research funding & equipment, research assistant personnel expenses, accommodation & moving expenses, and assistance with children's education.		Supportive Measurement: Up to NT\$1,500,000 per year, including research funding & equipment, research assistant personnel expenses, accommodation & moving expenses, and assistance with children's education.
Qualifications (At least meet with one of the following three criteria)		Applicants must have received their highest academic qualification within the last 10 years and meet one of the following criteria	
<ul style="list-style-type: none"> • They have worked at a leading international research institution or internationally renowned company for at least 10 years and have an international academic reputation or international cutting-edge expertise in a core technology, and experience leading an academic research team. • They have won a Nobel Prize, be a fellow of a national level academy, be a fellow of a major international association, or have received some equivalent recognition. • They have made an outstanding contribution in their area of academic expertise in the last 5 years. 		<ul style="list-style-type: none"> • They have worked at a leading international research institution or internationally renowned company for at least 5 years and have development potential. • They have experience conducting key research projects. • They have made an exceptional contribution in their area of academic expertise in the last 5 years. 	

RECRUITMENT OF TALENTS WORLDWIDE FOR INTERNATIONAL STUDENTS

In trying to attract talents from around the world, many Taiwan universities, e.g., the National Taiwan University, Tunghai University, Asia University, and Feng Chia University, have established their international colleges over the past several years. The colleges feature full-English teaching as well as interdisciplinary integrated curricula to help strengthen international career mobility of their students and develop the talents needed by rapid worldwide economic development.

Approximately 126,000 international students come to Taiwan to attend college every year; most of them come from ASEAN and South Asian countries. After they finish school in Taiwan and return home, they dedicate themselves to, and exert significant influence on, the development of their countries to help strengthen the relations between Taiwan and their countries. In order to attract even more students from ASEAN and South Asian countries, the Ministry of Education of Taiwan and Taiwan universities provide a variety of assistance and resources to them.



STUDENT

Outstanding students are entitled to various subsidies to earn degrees in Taiwan.



COOPERATION OR FINANCING FOR CURRICULUM DEVELOPMENT

Full English Program

More than 90% of 399 degree programs were taught in English.

Holiday School

Invite students from ASEAN and South Asian countries through short-term cultural experience exchange programs to strengthen their affinity for Taiwan.

Advanced Placement and Articulation

Language training and basic courses are among others that are provided overseas.

High-level Talent Development

Customize Taiwan's economic development experience-based short-term credit classes that are interdisciplinary across departments and schools for government officials and business management executives from ASEAN and South Asian countries to develop the high-level talents needed for economic development in their countries.

R&D Elite Development

Offer master's and doctoral programs or joint dual-degree programs to develop the talents needed by key industries in Taiwan, as well as ASEAN and South Asian countries. The government organizations and/or businesses of Taiwan, as well as ASEAN and South Asian countries, together participate in the programs to provide subsidies for training and R&D incentives among others.



RESOURCE

Model 1: Key International College Development

Under the scheme of “Higher Education Sprout Project,” currently there are 4 universities (National Taiwan University, National Cheng Kung University, National Tsing Hua University, National Chiao Tung University) with fundamental international competitiveness in their advantaged academic fields and well-established focal international faculties. With necessary and applicable resources, they would certainly develop into the key position of global research institutions. In addition, six Taiwan universities have established their international colleges based on their international competitiveness in the R&D domains in which they excel, and have selected internationally leading schools as their benchmarks to develop their own international R&D leadership.

School	International College Development	Benchmark
National Yang-Ming University	Aging and Health Research Center	Institute of Gerontology. University of Tokyo
National Chung Hsing University	Animals, plants, and agricultural biotechnology	College of Agricultural and Environmental Sciences, UC Davis College of Agriculture and Life Sciences. Texas A&M Borlaug Institute
National Central University	Earth sustainability and development	Earth-Life Science Institute, Tokyo Institute of Technology
	Intelligent system development	Tokyo Institute of Technology
National Sun Yat-sen University	Oceanography, aerosol research, and optoelectronic communication	UC San Diego
National Chengchi University	• Chinese culture vis-a-vis international communities: International sinology and Chinese language	• Fairbank Center for Chinese Studies and Department of East Asian Languages and Civilizations, Harvard University
	• Global and regional development: Experiences from Taiwan and elsewhere in Asia	• Institute of East Asian Studies, UC Berkeley
Taipei Medical University	Clinical and Translational Science Collaborative (with Case Western Reserve University)	• Case Western Reserve University • Hokkaido University

Mode 2: Academic and Industrial Resource Center Development

To provide more diverse opportunities for academia-industry cooperation for R&D as well as overseas internships for students, Taiwan universities, overseas Taiwan businesses, and relevant industries, the Ministry of Education of Taiwan has taken the lead in establishing 7 Economic and Cultural Offices as well as Resource Centers for Economics, Industry, and Academy Cooperation in 2017 as a platform for resource integration and exchange among the said universities, businesses, and industries.

In 2018, the Ministry of Education of Taiwan further strengthened its integration of how the Taiwan Education Centers, Taiwan Connection, as well as Economic and Cultural Offices and Resource Centers for Economics, Industry, and Academy Cooperation work together and utilize resources, so that an even more positive image of Taiwan's higher education will be developed.



Overseas Offices, Ministry of Education:
<https://english.moe.gov.tw/cp-6-17528-5009f-1.html>



Education Division,
Taipei Economic and Cultural Center in India

★ Taiwan connection/education
★ Industry-Academy Cooperation

Education Division,
Taipei Economic and Cultural Office in Malaysia

★ Taiwan connection/education
★ Industry-Academy Cooperation



OUTLOOK ON HIGHER EDUCATION IN TAIWAN

A full-page background image showing two female taekwondo athletes in white uniforms with blue pants and black belts, performing a high kick in a courtyard. The athlete in the foreground is in mid-air, with her right leg extended high towards the top of the frame. She is looking upwards. Another athlete is visible behind her, also performing a high kick. The background features a brick building with a traditional Chinese architectural style, including a tiled roof and wooden eaves. The ground is paved with light-colored bricks.

Higher education in Taiwan will accomplish three major objectives, and strengthen international cooperation in five major aspects to create an even better international learning environment.



THREE MAJOR OBJECTIVES

Strengthen community outreach

Fulfill university social responsibilities.
Integrate relevant resources for local development.



Embrace the future

Strengthen students' interdisciplinary integration capabilities.
Innovate and flip teaching.



Stay connected with international developments

Guide universities to further strengthen the domains in which they excel.
Demonstrate international competitiveness in various aspects.

INTERNATIONAL COOPERATION

Bilingual ducation

·Full English
teaching
·International
colleges

Student Recruitment

Equal emphasis on
quality and quantity
of international
students

International
Recruitment of
Talents
Strengthened
international
recruitment of
Scholars

Education
Cooperation
Promotion of
international college
features

WELCOME TO TAIWAN

DAILY LIFE

INFORMATION





MULTICULTURAL FUSION

With a population of 23 million people, Taiwan enjoys cultural diversity and harmonious coexistence of different faiths. Hokkien and Hakka cultures are unique to Taiwan, but Taiwanese society also incorporates elements of the American, European, Japanese, Korean, and Southeast Asian cultures. The major faiths in Taiwan include Buddhism, Protestantism, Roman Catholicism, and Taoism.

FOOD CAPITAL

Taiwan is world renowned for its delicious foods readily available at numerous snack stalls and restaurants throughout the island. Famous snacks include xiaolongbao (Chinese steamed bun), danzai noodles (oil noodles and bean sprouts as the main ingredients served in a small bowl and usually topped with meat or an egg boiled in soy sauce for an extra flavor boost), braised pork rice, and oyster omelets among many others, and there are also many Michelin-rated restaurants. Tourist night markets throughout the island are the favorite of students and young people who want to have fun, try delicious foods, and go shopping in one go.

CONVENIENT LIFE

Life is convenient enough in Taiwan, where there are more than 10,000 24/7 convenience stores providing almost everything needed in daily life, while photocopying, photographic processing, ticket booking, and tuition and bill payment are also available right there. Taiwan's transportation network extends in all directions, with the Taiwan Railway encircling the island, the Taiwan Highspeed Rail connecting the north and south west coast, the Taoyuan Mass Rapid Transit System providing transportation between the Taoyuan International Airport and the Greater Taipei Area, sprawling mass rapid transit systems in Taipei and Kaohsiung, and many routes of public and tourist bus services in individual cities and counties.

PLEASE REFER TO THE FOLLOWING LINKS FOR FURTHER DETAILS.

Ministry of Education:
<https://www.edu.tw>



Study in Taiwan:
<https://www.studyintaiwan.org/>



Overseas Offices, Ministry of Education:
<https://english.moe.gov.tw/cp-6-17528-5009f-1.html>



New Southbound Talent Development Program:
<http://www.edunbspw.tw/>



Taiwan Scholarship and Huayu Enrichment Scholarship Program:
<https://taiwanscholarship.moe.gov.tw/web/index.aspx>



Mandarin On-the-Go in Taiwan:
<https://www.mgt.org.tw>



Internship in Taiwan-Taiwan Experience Education Programs:
<https://www.studyintaiwan.org/teep/>



HIGHER EDUCATION IN TAIWAN 2019-2020

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