



國立清華大學
NATIONAL TSING HUA UNIVERSITY

University Profile





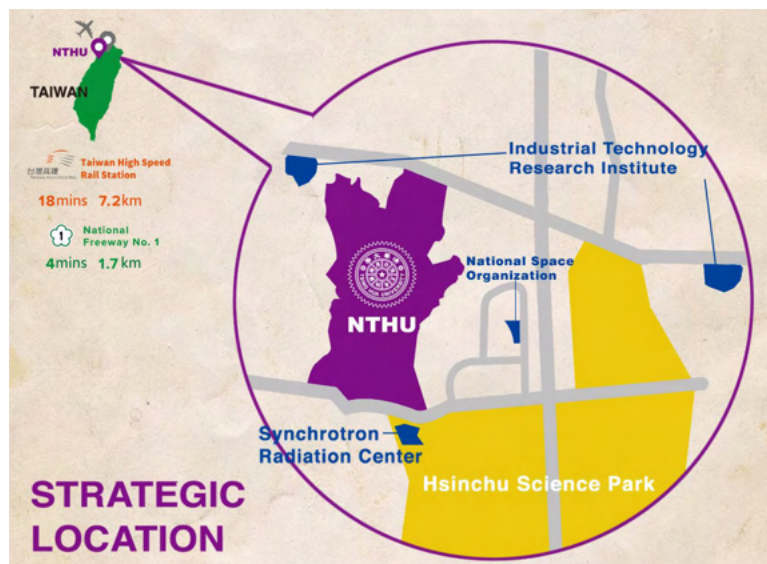
National Tsing Hua University invites nominations and applications for the position of president of the university

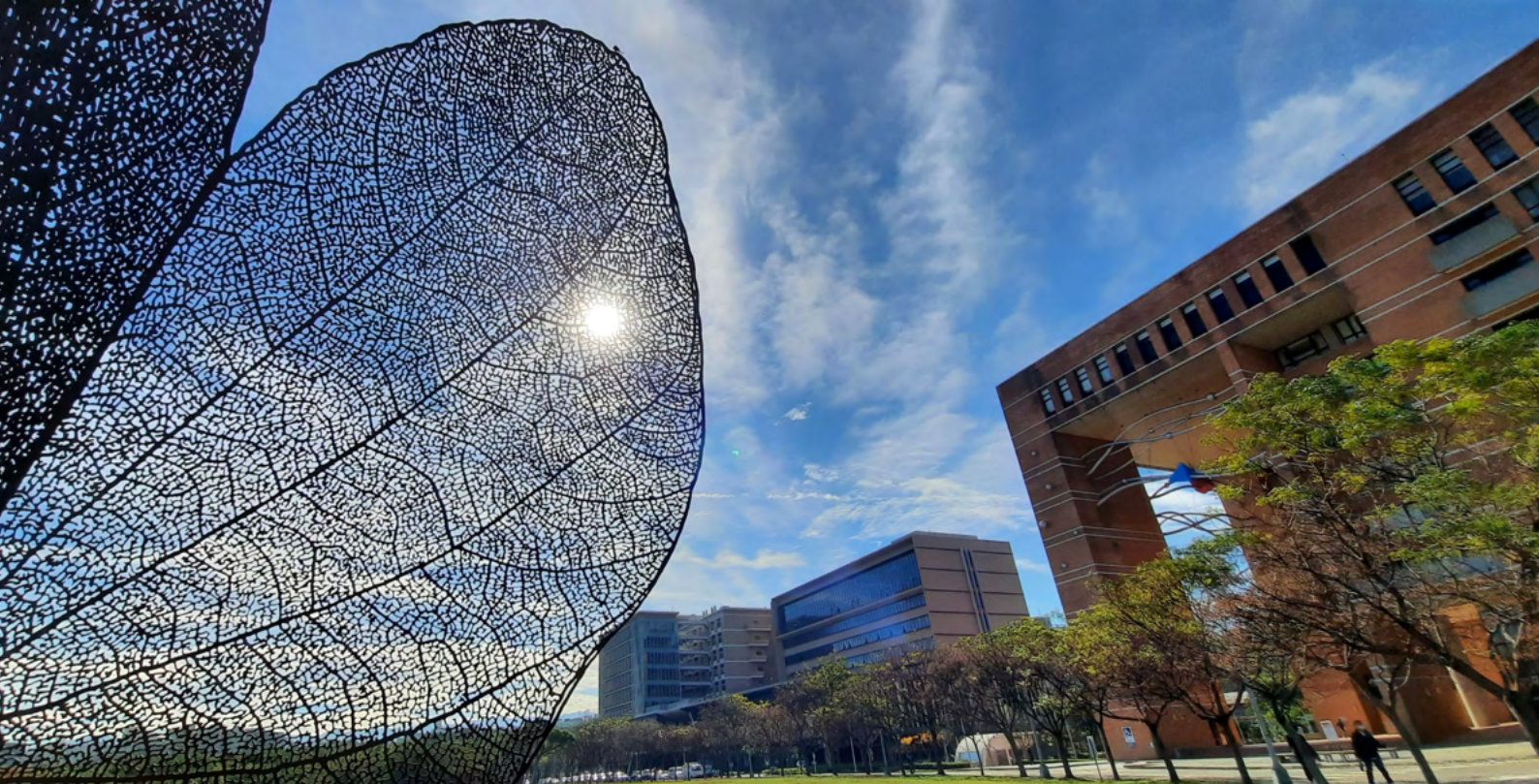
National Tsing Hua University (NTHU) was first established in 1911 and reinstituted in Hsinchu, Taiwan in 1956. In 2016, it merged with the National Hsinchu University of Education. Internationally prestigious, it is one of the top universities in Taiwan, and the only university in the Chinese world that has produced three Nobel Laureates. Over the past sixty years, NTHU has attracted numerous world-class researchers to participate in its free and open campus atmosphere, truth-seeking attitude, respect for diversity and pursuit of innovation. Our excellent alumni have spread across the globe, impacting almost all fields of scholarly endeavor.

The university currently hosts 11 colleges, covering a number of important fields such as science, engineering, humanities, biology, management, education, art, politics and economics. NTHU provides a comprehensive series of degree programs in these fields, which include the bachelor, master, and doctorate. There are about 1,700 full-time faculty members, with research staff and part-time lecturers bringing the total number of academic staff to 3,236. In addition, the university is home to about 17,000 students, evenly divided between graduate and undergraduate. The idyllic campus, which occupies 120 hectares that are filled with trees, hills, and ponds, is strategically located close to the Hsinchu Science Park, the Industrial Technology Research Institute, the Synchrotron Radiation Center, and the National Institutes of Health. The university has established strong ties with 326 prestigious sister universities across five continents.

FACTS					
Established in 1911		Located in Hsinchu, Taiwan		International Students 1,497	
Students 16,500+		Ph.D 1,615		Faculty + Staff 3,236	
Colleges 11		Master 6,674		Libraries hold over 7.2 million volumes	
		Bachelor 8,628		Partner Universities 326+	
		Undergraduate 51%		Double Ph.D Degrees 27+	
				Campus Area 120 Hectares	

RANKING	
◆ QS World University Rankings by Subject	
Top 100	
Materials Science Linguistics Chemistry	Chemical Engineering Electrical Engineering Mechanical, Aeronautical & Manufacturing Engineering
◆ QS World University Rankings #180 in the world #5 with faculty<1000, #33 in Asia	
◆ Shanghai Jiao Tong University Ranking #10 in GREATER CHINA	
◆ Top 100 Worldwide Universities in US Patents : #38	
#1 in Taiwan from 2014-2020	
Data updated in July 2021.	





Cross-disciplinary innovation is at the root of National Tsing Hua University's mission. The university, which was established during a period of turmoil between Chinese and Western cultures, was committed to nurturing intellectuals who could understand eastern and western cultures, contemplate different values, and bridge domestic and international developments to make significant contributions to the world. After being reestablished in Taiwan, NTHU initiated a nuclear engineering program to fuel Taiwan's industrialization. Through the cross-disciplinary integration of physics, mathematics and chemistry, it succeeded in building a working nuclear reactor on campus. The university later established schools of engineering, humanities and social sciences, life science, management, and electronic and computer engineering in an effort to cultivate a large number of talented professionals who could boost the development of the nation.

Today, the changing demands of industry, the lowering threshold for innovation and entrepreneurship, the flourishing of new business models, and the growing diversity of students have together combined to increase the need for extensive cross-disciplinary education and independent learning. In response, Tsing Hua has endeavored to provide students with solid academic core capacities based in groundbreaking research, to guide them to traverse professional boundaries through cross-disciplinary learning, and to enhance their social awareness and international perspectives. Our aim is to nurture a new generation of innovative, cross-disciplinary leaders that fully embrace sustainable development and a concern for life in all its forms.



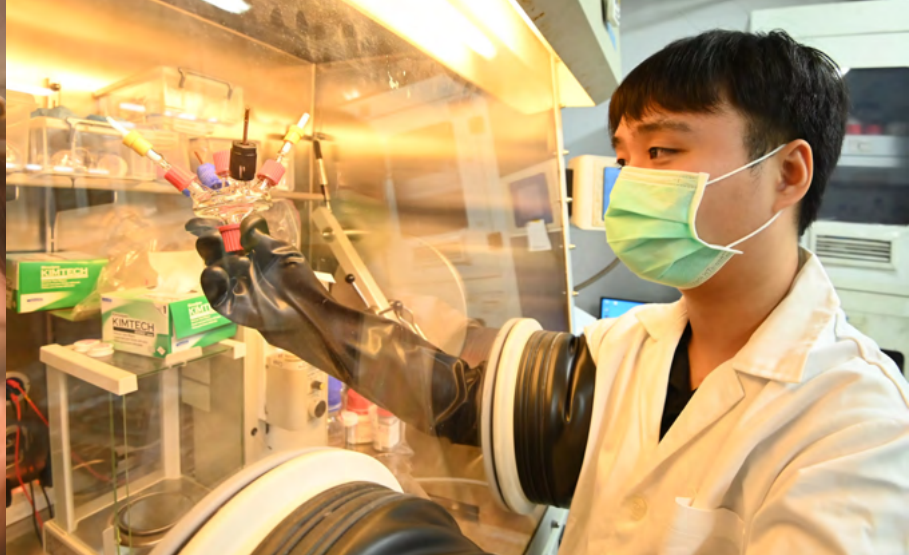


To that end, NTHU has repeatedly taken the lead in instituting innovative student recruiting initiatives and admission programs such as the Stars Project, which admits students with potential from rural areas, the Special Talent Selection Program, which recruits students on the basis of specialized talent instead of academic performance, and the Rising Sun Project, which admits, and offers scholarships and tutors to, underprivileged students. In addition, NTHU has several residential colleges that emphasize social welfare, entrepreneurship, and globalization. These programs have either become official channels for student admissions in Taiwan or caused other universities to follow suit, impacting Taiwan's higher education policy on diversity and social mobility. This leadership position has been further strengthened by NTHU's merger with the National Hsinchu University of Education, which has resulted in the assimilation of its College of Education and College of Art, further extending NTHU's offerings in the arts and education. To cope with such a leap, Tsing Hua has not only begun construction of new Education and Arts Buildings, but it has also received donations to build a Cultural Museum, a Literature Building, an Art Museum, and a Concert Hall. In addition, a new university-level Art and Culture Center has been established to increase cultural awareness and coordinate all arts and culture related activities on campus.

With respect to our students, more than 20% of NTHU graduates have completed a dual-disciplinary program. Furthermore, the interdisciplinary bachelor program of each college also trains students in

multiple disciplines within their respective colleges. As a result, more than 30% of NTHU students graduate with multi-disciplinary degrees. On the administrative end, NTHU is gradually shifting to a college-core system in an effort to break down administrative barriers between traditional academic departments and promote interdisciplinary teaching and research. Under this new system, colleges assume the role of a micro university, managing not only teaching and research, but also industry-university partnerships, international collaborations, and public affairs. Colleges become the base unit for resource allocation and administration, and they are responsible for coordinating interdisciplinary education and research within the college. They also assume responsibility for managing student guidance and training across colleges.

The establishment of the Taipei School of Economics and Political Science (TSE) in 2020 marked another breakthrough for NTHU in Taiwan's system of higher education. For the first time in Taiwan, a school of higher education has been financed by the sustainable investment profit from a donated endowment. The three billion dollar endowment fund is managed by the independent non-profit TSE Foundation, which has agreed to donate the annual investment profit from the endowment to the TSE to enable the more flexible recruitment of world-class scholars and top international students. While the establishment of TSE was inspired by the London School of Economics and Political Science, its mission focuses on addressing the social and economic



challenges of a rising Asia. The TSE leverages the strong science and technology foundation of NTHU, and takes a multidisciplinary approach to tackling the issues facing us today. It further adopts a long-term horizon in its aim of nurturing a new generation of political and economic leaders with strong multidisciplinary backgrounds.

In accordance with a new policy issued by Taiwan's Ministry of Education, NTHU is in the final stage of establishing a College of Semiconductor Research before the end of 2021. The college will be funded equally from government and industry, with a goal of nurturing talented semiconductor engineers. It is positioned as an affiliate of NTHU with independent budget and personnel to maintain operational flexibility. At present, all industry funding is in place and the annual budget of the College is estimated to exceed two billion NT dollars. The successful raising of these funds to establish the College is strong proof of Tsing Hua's excellent academic reputation within the semiconductor industry.

Tsing Hua is also making great strides in the field of medical science. Although the university does not have a medical school, it has already established a solid foundation for medical research and education. According to the 2020 THE University Ranking, NTHU is ranked among the world's top 300 universities in clinical medicine and ranked 5th in Taiwan (1st among universities without a medical school). In order to build upon this foundation, the establishment of an affiliated hospital near the Taoyuan Airport is underway. The hospital is part of the NTHU Taoyuan branch campus, which covers an area of 7.2 hectares and hosts a medical park and an education and research park. The land is expected to be given to NTHU in 2023 by



the Taoyuan Municipal Government at no cost. Resources from the private sector will be introduced to build and run the 900-bed medical center, which will eventually be transferred to NTHU. The university has also applied to establish a Department of Post-Bachelor Medicine. If approved, future medical students will be able to leverage the affiliated medical center to conduct their internships and clinical practice. In connection with these recent developments in the medical field, Tsing Hua has recently received another two billion in donations, of which one billion will be used as a perpetual fund to support medical education and research at NTHU.



In addition to the 7.2 hectare Taoyuan branch campus, NTHU also possesses the 8 hectare Nanda campus located nearby with 100,000 m³ of building space, as well as another 6 hectares adjacent to the main campus that has been allocated by the Hsinchu City government. These lands have all been reserved and are available to support the future expansion of the university. NTHU's perpetual fund has reached 2 billion NT dollars and has accumulated more than 300 million in investment profit over the years. At present, the six major buildings under construction on campus require a total of 2.5 billion dollars. The funds are already in place, either subsidized by the Ministry of Education or through private donations. Two student dormitories, which are self-liquidating, are

also being planned. In sum, the overall financial condition of NTHU is very healthy.

One of the most distinctive characteristics of the people at Tsing Hua is their insistence on preserving a broad and caring mind while pursuing truth and innovation. As the world currently faces uncertainty from multiple directions, it is essential that the university fulfill its missions. At this critical moment, National Tsing Hua University is seeking an individual with a global vision, outstanding academic achievements, moral integrity, and strong leadership as its next president to lead the university forward to become a top-tier world leader in multidisciplinary higher education.



國立清華大學