



# STUDY IN NTHU

NATIONAL TSING HUA UNIVERSITY

2023 EDITION



## UNIVERSITY PROFOLIO



NT4661804HU



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Attention! This is the story

# ABOUT NTHU

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NATIONAL TSING HUA UNIVERSITY

Explore your potential.

**National Tsing Hua University (NTHU)** is a leading comprehensive research university located in Hsinchu, a beautiful city in North Taiwan where is also known to be the heart of high-tech of this country. The glorious history of NTHU can be traced back to the first half of the 20th century. In 1911, we were established as “Tsing Hua Academy” in Beijing. And then re-instated in Hsinchu in 1956 by the original President Yi-Chi Mei (1889-1962).

**Over the last sixty years,** NTHU has developed from an institute focusing on nuclear science and technology to an institute housing 12 colleges with more than 100 degree programs open for international students ranging from science, engineering, nuclear, social science, medicine, management, arts, education, semiconductor and more.



**NTHU** provides a stimulating and nurturing environment where our faculty can offer quality teaching and conduct innovative research. Regarded as one of the top research universities, our research and development activities across the universities emphasize fundamental discoveries at the forefronts of basic sciences and exploration of breakthrough technologies with a high potential for applications.

**Active performances above** can be reflected from our publication in the world's preeminent journals, awarded international patents, and technology transfer cases. These also bring NTHU to nurture more outstanding alumni, including three Nobel Prize winners and one mathematics Woolf Prize winner which shows the glorious history and excellent academic environment of National Tsing Hua University.

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# QS Ranking 2022

**180th** ★

In The World

**34th** ★

In Asia

**2nd** ★

In Taiwan

**300+** 👤

Sister Universities

**23+** 👤

Research Centers

## Collaboration



# NTHU



## Academic



**12**

Colleges



**147+**

Degree Programs



**17488**

Total Students



**1735**

Foreign Students



**2444**

Faculty Staff

## Student & Staff

**Facts**



# Science



★Contact Us: [science@my.nthu.edu.tw](mailto:science@my.nthu.edu.tw)

★Website: <https://science.site.nthu.edu.tw/>

## *Pursuit for Excellence*

The College of Science includes Departments of Mathematics, Physics and Chemistry, Institutes of Statistics, Astronomy, and Computational and Modeling Science. In addition, there are Interdisciplinary Program of Sciences and Graduate Program of Quantum Technology and Advanced Materials.

The College is not only a leading center of scientific research in Taiwan, but it is also internationally renowned. Several alumni emerge as world famous scholars, including 1957 Physics Nobel Laureate C. N. Yang, 1986 Chemistry Nobel Laureate Y. T. Lee and Harvard Bill Gates Chair Professor H. T. Kung. The College provides balanced educational programs that motivate students to learn so that they are well-prepared for future professional career. Most departments also provide quality training for gifted high school students and re-education of high school teachers.

# Engineering



★Contact Us: [engineer@my.nthu.edu.tw](mailto:engineer@my.nthu.edu.tw)

★Website: <https://eng.site.nthu.edu.tw/>

## *College of Engineering, College of Excellence.*

Founded in 1972, the College of Engineering now consists of four Departments, two Institutes, and one Interdisciplinary Program. We enhance research capacity through cross-disciplinary integration, offering a well-developed educational system that covers research fields of Chemical Engineering, Power Mechanical Engineering, Materials Science, Industrial Engineering & Engineering Management, Nano-Engineering & Micro-System, and Biomedical Engineering. To promote the industry-university cooperation, we also establish the Industrial Liaison Program and Research Centers. We aim to cultivate engineering leaders creative in thinking and innovative in practice. With outstanding faculty, diverse courses and well-equipped learning environment, we encourage students' development. With solid professional knowledge and practical experience, we equip students to improve industrial competitiveness and strive for social well-being.

## Nuclear Science



★Contact Us: [nuclear@my.nthu.edu.tw](mailto:nuclear@my.nthu.edu.tw)

★Website: <https://nuclear.site.nthu.edu.tw/>

The College of Nuclear Science integrates multidisciplinary education and research in atomic science, focusing on Medical Physics, Biomedical Engineering, Biomedical Imaging, Green Energy, Carbon Oxide Reduction, and Engineering and System Science. The college is the only college in Taiwan devoted to the research and clinical practice of boron neutron capture therapy (BNCT). It is the only place in Taiwan to use nuclear reactor-based BNCT for treating Glioma and H&N patients. It is also the only place in the world to treat Glioma patients by nuclear reactor-based BNCT.

## Humanities & Social Sciences



★Contact Us: [humansos@my.nthu.edu.tw](mailto:humansos@my.nthu.edu.tw)

★Website: <https://hss.site.nthu.edu.tw/>

College of Humanities and Social Sciences was established in 1984, the fourth academic college at National Tsing Hua University. Aiming at achieving academic excellence, this college encourages interdisciplinary collaboration of all research topics among humanities and social sciences. The College also nourishes future leaders in the field of humanities and social sciences. We embrace the balance of theory and practice, humanity and technology, and care for society. We assist students to think globally, develop a team work spirit, and live with passion, responsibility and dependability.



## Life Sciences & Medicine



- ★Contact Us: [life@my.nthu.edu.tw](mailto:life@my.nthu.edu.tw)
- ★Website: <https://cls.site.nthu.edu.tw/>

*ERIGS,  
Education, Research, Internal Mobilization, Globalization  
and Social Responsibility*

**Established in 1991** as the very first Department of Life Science in Taiwan, it allows students to explore various areas of life science in an integrated yet diverse program built upon a solid foundation of chemistry, physics, mathematics, and biology.

**In 2022**, the College of Life Sciences and Medicine is reorganized and now comprised of two Departments (Life Science and Medical Science), the Interdisciplinary Program, the School of Medicine and five Institutes. Two departments and the Interdisciplinary program offer undergraduate Bachelor of Science and the School of Medicine offers Bachelor of Medicine whereas five institutes offer graduate programs in various life sciences research areas.

## Electrical Engineering & Computer Science



- ★Contact Us: [eeecs@my.nthu.edu.tw](mailto:eeecs@my.nthu.edu.tw)
- ★Website: <https://eeecs-en.site.nthu.edu.tw/>

**Established in 1998**, the College of Electrical Engineering and Computer Science (EECS) consists of two departments, five graduate research institutes, one interdisciplinary undergraduate program, 113 full-time faculty members, and a total of about 2,800 students. The faculty of the EECS College has outstanding research capabilities and has been recognized by many domestic and international awards.

**The aim of EECS College** is to cultivate elite talents in various fields by providing students with an excellent learning and research environment, and hope that they can contribute what they have learned in the future and be committed to giving back to the society.

## Technology Management



★Contact Us: [ctm@my.nthu.edu.tw](mailto:ctm@my.nthu.edu.tw)

★Website: <http://www.ctm.nthu.edu.tw/>

Founded in 2000, the College of Technology Management (CTM) is the first of its kind in Taiwan. Benefiting from NTHU's solid strength in science and engineering, CTM aims to integrate that strength with vigorous corporate connections and a solid management curriculum.

CTM devotes its efforts to cultivating business leaders and managerial talent who serve our economy and industries with integrity. To accomplish our mission, we are committed to:

- **Cultivating** managerial talent and future business leaders with an interdisciplinary and fundamental education.
- **Advancing** state-of-the-art knowledge through solid research in technology management and business-related areas.
- **Serving** as the bridge between the university and industries by reinforcing industrial collaboration.

## Education



★Contact Us: [hctc@my.nthu.edu.tw](mailto:hctc@my.nthu.edu.tw)

★Website: <https://ec.site.nthu.edu.tw/>

*Interdisciplinary, Common good, Excellence, Innovation*

The missions of the College of Education (COE) are to nurture teachers in K-12 schools, leaders in education, and researchers in educational research. COE provides various undergraduate and graduate programs and has research centers such as "Research Center for Education and Mind Sciences" and "Center for K12 Curriculum and Teacher Education" to fulfill these missions. Additionally, COE promotes interdisciplinary learning, STEAM Education, sustainable development education, and Waldorf education. In 2023, COE will move to a brand new building that will offer innovative learning environments to our faculty, students, and staff. Welcome to visit our website for more information.

# Arts



★Contact Us: [coa@my.nthu.edu.tw](mailto:coa@my.nthu.edu.tw)

★Website: <http://art.nthu.edu.tw/>

**College of Arts (COA)** aims to cultivate outstanding talents in art creation, craft design, music performance, music theory education, and technological art. We train our students not only to get the ability to do art appreciation and creation but also to be committed to social responsibilities.

**COA** consists of 4 academic units, the Department of Arts and Design, the Department of Music, the Interdisciplinary Program of Technology and Art, and the Graduate Institute of Art and Technology. All the departments blaze a trail in the unique nature of interdisciplinary with concerted efforts. Our goal is to become a leader in art education in Taiwan and to cultivate the talents of “art cross-disciplinary” for the next generations.

## Taipei School of Economics & Political Science



★Contact Us: [tse@my.nthu.edu.tw](mailto:tse@my.nthu.edu.tw)

★Website: <https://www.tse.nthu.edu.tw/>

**Founded in 2020**, Taipei School of Economics and Political Science (TSE) introduced new Political Economy postgraduate programs with interdisciplinary training in political science, economics, international relations, history, management, and technology. The mission of TSE program is to equip our students with the mind-set and knowledge to tackle the challenges and to seize the opportunities presented by the marked shift in global economic gravity toward Asia.

**TSE's 2-year Master's program** incorporates three strong specializations, including Asian Political Economy, Global Political Economy, and Economic Development. These specializations provide a global view and a soul-searching discourse on the history of Asian development.

## Semiconductor Research



- ★Contact Us: [cosr@my.nthu.edu.tw](mailto:cosr@my.nthu.edu.tw)
- ★Website: <https://cosr.site.nthu.edu.tw/>

The mission of the College of Semiconductor Research(CoSR) is to cultivate leaders for semiconductor industry and academia. Our students are educated to possess deep domain knowledge in various semiconductor fields, inter-disciplinary collaboration skills, and innovation capability. Focusing on the interdisciplinary integration, CoSR is grouped into four divisions: Semiconductor Device, Semiconductor Design, Semiconductor Process, and Semiconductor Materials. CoSR has strong sponsorship from semiconductor companies, which offer research grants and students' scholarships. CoSR also invites renowned experts in the field to serve as industrial professors to bring in the most advanced technology and their valuable experience to bridge the gap between university and industry.

## Tsing Hua College



- ★Contact Us: [thc@my.nthu.edu.tw](mailto:thc@my.nthu.edu.tw)
- ★Website: <https://thcollege.site.nthu.edu.tw/>

Tsing Hua College consists of six academic units and three research centers. They are the Center for General Education, Physical Education Office, Center for Language Education, Residential College, Tsing Hua Interdisciplinary Program, Tsing Hua College International Bachelor Degree Program, The Research Center for Technology and Arts, Regional Innovation Center, and Center for the Application and Development of AI Humanity and Social Science. The curricula takes the forms in classroom learning, activities within and outside of the campus, service learning, etc.

The education of Tsing Hua College ensures that students not only receive the best academic training, but also gain well-rounded learning experiences to expand their knowledge horizon, heighten concerns for public affairs, enhance their health and wellbeing in order to become self-motivated contributors to the sustainability of human societies.



## Outside The Campus

**NTHU** owns a very convenient transportation and there are multiple public transportation with stops right in front of the campus gate. For examples, by simply taking a highway bus for 1.5 hour, students may easily reach Taipei, the capital city of Taiwan.

## Inside The Campus

**Restaurants** in NTHU scatter in ten corners of this campus which offer a variety of food, from Chinese to Western style and even contain options for vegans. NTHU surely provides a friendly dining environment for all foreign students coming here.

**Shops are everywhere** inside this campus serving all the needs students would require, including two convenience stores (Family Mart and 7-11), one Post Office, Laundry Shop, Book Shop and more.

**As for living problems**, foreign freshmen will have priority to be assigned a space in on-campus dormitories. Please refer to *Division of Student Housing* for details.



# Daily Living

1 TWD  $\approx$  0.0336 USD

Per Semester

**Undergraduate**

**Graduate**



**Tuition**

TWD

TWD

24,370 - 53,200

11,080 - 36,300



**Credit Fee**

per credit

X

TWD

1,580 - 5,000



**Dorm Fee**

Single room: TWD 16,920~27,800

2-bed room : TWD 10,920~16,600

4-bed room : TWD 7,410~11,250



**Textbooks**

TWD 5,000 - 10,000



**Living Expense**

TWD 48,000 - 90,000

\*There are two semesters in one year.

\*Above fees might shift according different identities.

\*Above fees are for degree students and counted except for "Department Individual Recruitment".

\*The fees mentioned above are used for reference only. NTHU reserves the right to amend.





# Colorful Activities

Over 200 student clubs are available which provide opportunities to develop students' mental, social skills and leadership. For foreign students, there are also specific functional clubs, such as International Students Association (ISA). Please refer to *Division of Student Activities* for details.



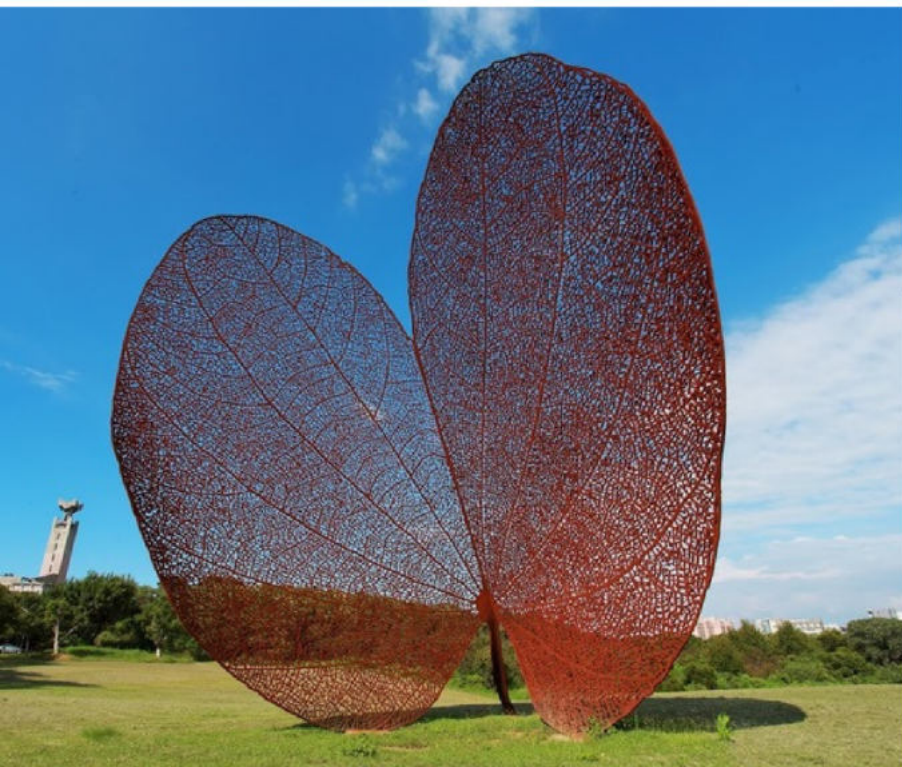
# Assistance

For all international degree students, NTHU provide a buddy program: **Newbie Program**. It aims to create a friendly environment, helping students get easier adapting to NTHU through plenty of events and chances to interact with local students (the bee partners). Through these events, we're sure that students may integrate into this TsingHua big family quickly and make new friends in Taiwan. Contact *Division of Global Students Recruitment and Service* for details.

NTHU has corresponding divisions dedicated to all aspects of student affairs. For example, one-on-one career consultation provided by *Division of General Student Affairs*, mental counseling provided by *Counseling Center*, injury care provided by *Division of Health Service* when you encounter a sudden illness on campus and also guidance for all foreign students provided by *Division of Global Students Recruitment and Service*. Find the most professional assistance from the divisions in charge accordingly.







# Degree Programs

**For degree students**, it usually takes 4-6 years for Bachelor, 1-4 years for Master and 2-7 years for Doctoral degree students to fulfill their academic studies.

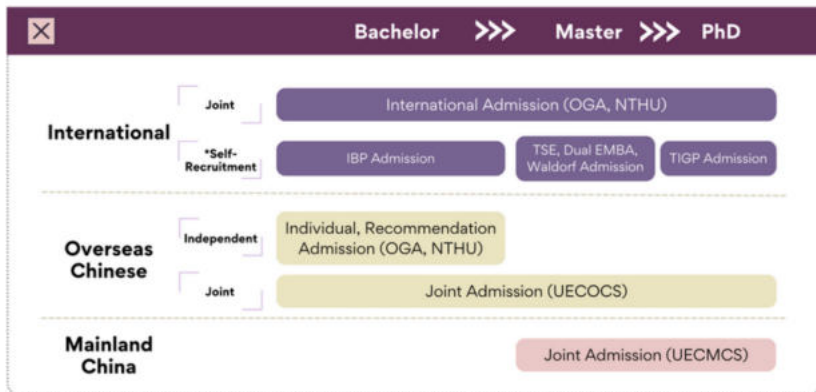
- Degree Programs For Different Identities:
  1. International
  2. Overseas Chinese
  3. Mainland China
- Dual Degree Program

# Application Methods



\*Self-Recruitment: run by program itself.

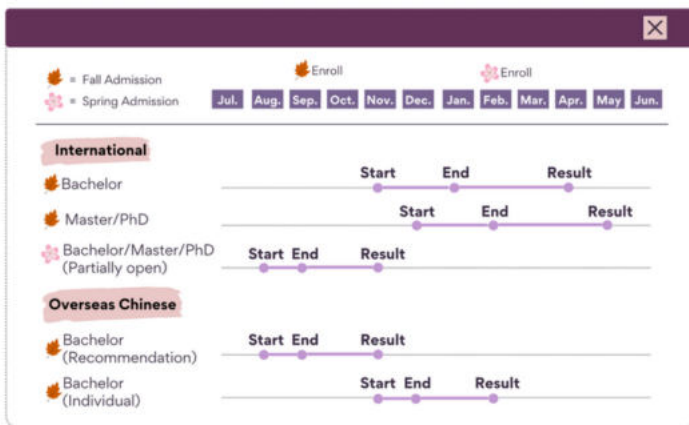
\*OGA: Office of Global Affairs



## Application Timeline

\*Reference only. The exact dates might still shift every year.

\*This timeline only lists out portals in charge by Office of Global Affairs. For others, please check on corresponding units' websites.



# Scholarships



**NTHU International Student Scholarship** is open to most of our international degree students. As a prospective student, applicant only needs to click “APPLY” in the Online Application System where he/she applies for the programs. And it shall be renewed annually after enrollment. There are two types for awarding:

- Type A: (1) Tuition fee, miscellaneous fee and credit fee waiver  
(2) Monthly stipend - **Bachelor/Master : TWD 5,000**  
**Doctoral : Up to TWD 40,000**
- Type B: Tuition fee, miscellaneous fee and credit fee waiver

For other scholarships offered for International students and Overseas Chinese students or the details of NTHU International Student Scholarship, please refer to *Division of Global Students Recruitment and Service*.

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# Dual Degree Program



**Dual degree programs** are based on formal agreements between NTHU and partner universities. Current dual degree programs at NTHU span from Bachelor to PhD. Students who are qualified will be admitted to the program and awarded two degrees respectively by NTHU and the partner university upon fulfillment of all graduation requirements of both universities. Please refer to *Office of Global Affairs'* website for the list of NTHU Dual Degree Programs and relevant information.





# Non-Degree Programs

## Exchange Programs



**Exchange programs** are based on formal agreements between NTHU and partner universities. Current exchange programs at NTHU span from Bachelor to PhD. students who are qualified will be admitted to the exchange program from partner university. Please refer to *Office of Global Affairs'* website for the list of NTHU Exchange Programs and relevant information.



*As heaven maintains rigor through movements,  
A gentleman should constantly strive for self-discipline.*

*As earth's inclusive nature,  
A gentleman should embrace social responsibilities.*



**NTHU**

**NATIONAL TSING HUA UNIVERSITY**  
**OFFICE OF GLOBAL AFFAIRS**



[oga@my.nthu.edu.tw](mailto:oga@my.nthu.edu.tw)



<https://oga.site.nthu.edu.tw/>



No. 101, Section 2, Kuang-Fu Road, Hsinchu,  
Taiwan

