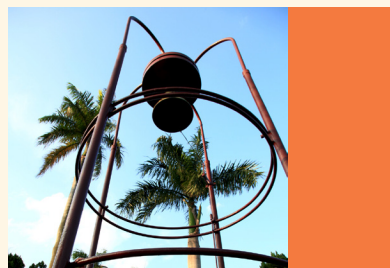




國立臺灣大學  
*National Taiwan University*



臺灣大學  
秘書室



National  
Taiwan  
University



**N**ational Taiwan University is the most historic institute of higher education in Taiwan. The school was originally named Taihoku (Taipei) Imperial University when it was established in 1928 under the Japanese colonial rule. Following the victory of the R.O.C. government over the Empire of Japan in the Second Sino-Japanese War of 1945, the school was officially reorganized and renamed National Taiwan University with Dr. Tsung-lo Lo serving as its first president.

**N**TU at present comprises 11 colleges, 54 departments, 105 graduate institutes, and 7 master's and Ph.D. degree programs. The University provides an abundant of diverse academic resources that encouraging students to expand their outlooks and develop the





courage to explore. In addition to producing outstanding academic research achievements, the University emphasizes teaching and learning efficacies so as to ensure students are provided the optimal environment for learning and growth and the attainment of a well-rounded education.

The traditional NTU Spirit comes from the administrative philosophy of former NTU President Szu-Nien Fu. Maintaining lofty ideals and an insistence of the autonomy of the university, Former President Fu endeavored to reorganize the university so as to raise academic standards. Taking office on January 20, 1949, Fu was able to serve only a brief one year and 11 months before passing away due to a stroke in December the following year. Nonetheless,





the university concept he espoused as well as the fearless approach to authority he demonstrated have made Fu the spiritual mentor for NTU's administration, inspiring integrity at NTU for more than half a century.

**N**TU upholds former NTU President Fu's administrative philosophy in its pursuit of university autonomy and academic freedom and holds the expectation that all members of the Taida family adopt the university motto "Integrity, Diligence, Fidelity, and Compassion" as the standard for their conduct, their personal relationships and affairs.



National  
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**Integrity** means honesty and virtue

**Diligence** means professionalism and excellence

**Fidelity** means compassion and enthusiasm

**Compassion** means tolerance and community

In recent years, the Office of Student Affairs has worked to pass on the traditional NTU Spirit by promoting the acronym TAIDA. Built on the five letters of the English transliteration of NTU's Mandarin Chinese name, TAIDA stands for Team, Accountability, Integrity, Diligence, and Ambition & vision. TAIDA echoes the University motto and stands as the major goals everyone at NTU should strive to achieve.



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## The Research University with the Most Comprehensive Offering of Academic Fields in Taiwan

**N**TU currently accommodates 11 colleges, 54 departments, 105 graduate institutes, and 7 master's and PhD programs, spanning the four general academic fields of Humanities and Social Sciences; Physical Sciences and Mathematics; Biological Sciences, Medicine and Agriculture; and Engineering and Applied Science, and maintains an enrollment exceeding 32,000 students.

Whether in terms of size, the comprehensiveness of its academic fields, or the exceptional accomplishments of its faculty and student body, NTU stands as the superlative university in Taiwan. NTU is the







institution of higher learning in Taiwan that is the most influential in as well as the most representative of the nation. High-Quality Academic Environment Benefits the Improvement of Learning Quality.

**A**iming to ensure the university's faculty and students enjoy a high-quality environment for teaching and learning, the Office of Academic Affairs has in recent years carried out full renovations and digitization of campus classrooms across university's departments and graduate institutes in order to create learning venues suitable for "large lecture classes, small discussion groups."







In addition to upgrading equipment and facilities, NTU established the Center for Teaching and Learning Development as a subordinate unit of the Office of Academic Affairs in May 2006. The center's major missions include:

1. Advancing Faculty Professional Development
2. Enhancing Student Learning Outcomes
3. Establishing a Comprehensive Teaching Assistant System
4. Raising Performance of Teaching Technology
5. Producing and Promoting Digital Courses
6. Promoting the Teaching and Learning Quality







The courses offered at NTU can be divided into liberal education and professional courses. Curriculum planning emphasizes ten core capabilities to be fostered in students: independent judgment and ability to innovate; professional knowledge and skills; a moral compass and a desire to rectify; health management skills; good citizenship; human compassion; communicative and team skills; global vision; respect for different cultures; and aesthetic sensitivity.

These capabilities are stressed so as to meet the educational objective of cultivating intellects and leaders with strong character, solid knowledge, compassion for humanity and a global vision to enhance the overall well-being of the nation and humankind.







Working towards this educational objective, NTU has planned and designed a myriad of top and diverse courses. The university offers approximately 7,800 courses every semester.

Furthermore, the university has opened 43 cross-departmental and cross-college credited interdisciplinary programs in order to provide students with alternative and innovative learning opportunities.

NTU also encourages instructors to develop joint courses that are led by instructors from two or more disciplines in order to cultivate more interdisciplinary experts. With its offering of comprehensive, diverse and well-designed courses, NTU expects to achieve its educational objective of creating accomplished global professionals.







The Office of Student Affairs serves as a lighthouse leading students' direction including their career development.

The Office of Student Affairs' vision is to "Create cherished memories, support the next generation's leaders, and provide for every student of TAIDA to receive an exceptional learning experience."

Its noble mission includes upholding the ideal of holistic education while promoting the University motto of "cultivate virtue, advance intellect, love one's country, love one's people." Therefore, the core value of this Office is to create genuine TAIDA people, that is, to





instill in our students the spirit of "Teamwork ", "Accountability ", "Integrity ", "Diligence " and "Ambition & vision ".

In the meantime, through a streamlining process, we mapped out six core value as the guidelines for our office: Moral education, Caring for the disadvantaged, Supreme campus culture, Safe and Healthy Campus Environment, Campus Globalization, Administrative reforms. In the future, we intend to become a learning type organization, professionalize student affairs, and guarantee the students right to be educated.





Encouraging foresighted, innovative research, playing active role in international collaboration, building a highquality research environment, and boosting international academic

Cutting-edge research breakthrough

● Dark Matter / New explanation of black holes

Astrophysics team's research was selected as the magazine-cover of *Nature Physics*

A paper introducing breakthrough research on dark matter that was jointly conducted by Dr. Hsi-Yu Schive of the Department of Physics, Prof. Tzihong Chiueh of the Graduate Institute of Astrophysics, and Dr. Tom Broadhurst of the







University of the Basque Country in Spain enjoyed the honor of being featured as the cover article of the July 1 issue of the prestigious journal *Nature Physics*.

The cutting-edge paper, titled "Cosmic Structure as the Quantum Interference of a Coherent Dark Wave," is the first to shatter the traditional view of dark matter as being constituted of heavy particles.

The team believes the opposite, arguing that dark matter is in fact an extremely light, yet extremely dense, particle. They use this to propose a new explanation for the formation of supermassive black holes within galaxy cores.







## ● DNA repair mechanism featured in *Nature*

NTU and Academia Sinica research team shows potential as basis for clinical applications for cancer

Cancer has long loomed at the top of the top-ten causes of death in Taiwan and is a major focus of academic research. Working from the perspective of biochemistry, a research team led by Prof. Hung-Yuan Peter Chi of the Institute of Biochemical Sciences discovered a repair mechanism for damaged DNA that genetics has been unable to explicate.

This important finding is expected to benefit the development of new pharmaceuticals and treatments for cancer.







- Precise radiometric dating helps explain the mystery of the origins of modern humans

Prof. Chuan-Chou Shen of the Department of Geosciences was part of a team of 31 anthropologists and geologists from five countries, including Spain, Australia, the United States, France, and Taiwan, that presented its latest human evolution research findings in the June 20 issue of *Science*.

Relying on precise radiometric dating techniques, the team estimates that the Neanderthals who lived at the Sima de los Huesos cave in Spain existed at least 430,000 years ago.







The team proposes that the Neanderthals possibly evolved from ancient humans that left Africa around two million years ago. This major finding overturns the explanation of the origins and migration of ancient humans in textbooks.

- Topoisomerase promotes the transcription of long genes linked to autism, may be potential mechanism for the formation of autism

A research team led by the University of North Carolina at Chapel Hill recently reported in the internationally influential journal Nature that topoisomerase promotes







the transcription of long genes associated with autism.

This discovery proves that damaging topoisomerase chemically or through genetic mutation can lead to autism and other neurodevelopmental disorders.

Prof. Hsien-Sung Huang of the Graduate Institute of Brain and Mind Sciences has contributed numerous outstanding research achievements as a longtime member of this research plan.







**T**he Office of International Affairs (OIA) is responsible for delivering the University's global strategies for higher education.

The OIA plays a vital role in NTU's pursuit of excellence through an integration of international partnerships and the creation of global opportunities, in the interests of students, faculty and staff from NTU and from our world partners, and in support of global engagement.

**T**he OIA has progressed from a previous Quantity stage (increase agreements, create more opportunities) to a present Quality stage (assert NTU's global influence, diversify collaboration models, raise the quality of student recruits, develop service excellence).







For the third developmental phase, the OIA is now on its way towards a long-term "Sustainability" stage.

- The OIA is planning for a better NTU brand worldwide: multifunctional cooperation platforms with selected partners, short programs, competitive participation in international organizations, and so on.
- The OIA is diversifying NTU's collaboration models, including: searching for innovative platforms, focusing on clear targets, extending international internships, customizing courses for partners.





# International Exchanges

- The OIA is raising the quality of NTU's international student recruits: improved marketing, capitalization on specific new markets, and reformed scholarships.
- The OIA is working towards higher service excellence, including: mobilizing human resources talents, streamlining on international affairs administration processes, and building more international competence.



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