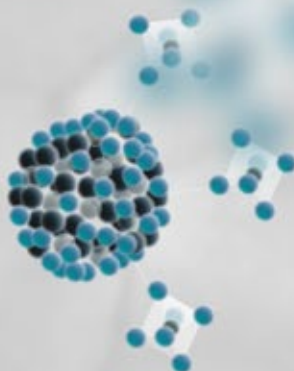


NTU

2016 — 2017

NTU Profile

國立臺灣大學



關於臺大

國立臺灣大學前身為日治時期之「臺北帝國大學」，創立於西元 1928 年，醫學院附設醫院歷史更可溯自 1895 年。1945 年二次世界大戰結束，中華民國政府對日抗戰勝利，接收臺北帝國大學，改制更名為「國立臺灣大學」。

臺大校地幅員遼闊，分布臺北、宜蘭、新竹、雲林，以及中部高山地區，提供師生豐富的生物與生態多樣性研究環境。結合優美的校園、人文的氛圍，形成具有吸引力的教學研究環境，堪稱國內最完整的綜合型研究大學。

臺灣大學不僅提供豐富而優質的學習資源，更鼓勵學生透過勇於探索與創新，培養自我學習、跨領域專長。在校內厚實人文與學術涵養，在校際結合社會能量，提昇國際領導力與文化溝通力，於最佳的校園環境中成就全人教育。



ABOUT NTU

National Taiwan University, originally Taihoku Imperial University (TIU), was founded by the Japanese government in 1928. NTU Hospital can trace its earliest roots back to 1895. Following the victory of the R.O.C. government in the Second Sino-Japanese War in 1945 and Taiwan's retrocession, the R.O.C. government took over the university, which was then reorganized and renamed as National Taiwan University.

NTU's campuses are located throughout different areas, such as Taipei, Yilan, Hsinchu, Yunlin, and the mountainous area in central Taiwan, creating an environment conducive to conducting research due to their high biodiversity. Combining beautiful campus and diversified cultures, NTU offers the best environment for teaching and researching and, therefore, is the best research-oriented university in Taiwan.

NTU not only offers an abundance of quality learning resources but also encourages exploration and innovation. Students are encouraged to learn independently, develop interdisciplinary expertise, and utilize social forces to improve international leadership and cross-cultural communication skills. In addition to helping students accomplishing cultural and academic achievements, NTU also offers holistic education in the best environment.

教學特色

臺大現有學生約 3 萬 1 千人、11 個學院、54 個學系、111 個研究所、12 個碩博士學位學程，橫跨自然科學與人文社會藝術領域，每學期所開課程數達 7,800 班以上，無論所擁有的學術領域或開設之課程數，在全國大學中均無出其右者，學生就讀於臺大，無疑是進入最為豐富的知識寶庫，可獲得最多元而優質的學習機會。

混合學習模式

因應全球數位學習趨勢，臺大近年來製作了豐富的線上開放式課程內容，協助學生進行自主且有效學習。現在更以「混合學習模式」(Blending Learning)，提供教學者更多元的教學可能性及學習者更彈性的學習管道。

在教學方面，「NTU MOOCs x Courser 大規模線上開放課程專案計畫」，充分提供傳統實體教學作為另一種嶄新的教學典範參考。在學習方面，需要學習協助的學生可以利用 OCW/MOOCs 線上課程和「微積一百」線上題庫等資源，進行自我補強學習，透過自學方式找到適合自己的學習步調和方法。





TEACHING EXCELLENCE

There are approximately 31,000 students in the University. NTU has 11 colleges, 54 departments, 111 graduate institutes, and 12 master's and PhD programs, which range from the natural sciences to the humanities, society, and the arts. It offers more than 7,800 courses each semester, placing it tops in the nation in terms of both breadth of academic fields and volume of programs. Students who study at NTU become a part of the nation's richest center of learning and are given the opportunity to receive a diverse, superlative education.

Blended learning

In line with international trends, NTU has developed rich online courses to assist students in learning independently and more efficiently. Moreover, Blending Learning offers unparalleled flexibility and diversity for both students and teachers.

NTU MOOCs x Coursera is a case in point, serving as an alternative to traditional teaching methods. On the other hand, using online resources, such as OCW/MOOCs and Calculus 100, those who encounter difficulties or require assistance are able to learn at their own pace, in their own way.



校園生活

特色課外活動

臺大之所以出色，不僅在其學術領域的頂尖水準，充滿魅力的校園文化更令學子衷心嚮慕。四百多個活躍的學生社團枝繁葉茂，生生不息的運作成為校園活力的泉源，各式展演活動，將校園妝點得風情萬種。

學生實習與職涯發展

為全方位提升學生的就業力，本校啟動「NTUIP 臺大實習計畫」，強化學用合一。本年更創新推出「企業高階管理見習營」，讓學生有機會貼近企業高階主管身邊學習；「國際領導力學習營」邀請具國際領導經驗管理者，透過全英文對話互動方式，協助學生打造個人品牌，提升國際領導力及文化溝通力。

社會責任

為協助學生安心求學，提供各項獎助學措施及輔導機制，並設立「臺大希望計畫」，包括希望入學、希望助學、希望關懷及希望就業。每個學生希望將自己的能力，貢獻在生長的土地與人群，寒暑假超過 40 個國內外社會服務隊，及學期間超過 700 門服務學習課程，以實際行動積極關懷社會。另設立學生社會奉獻特別獎、學生利他獎等，激發臺大學生對社會之使命感及責任感。





CAMPUS LIFE

Extracurricular activities

The excellence of NTU is not only showcased in its stellar academic achievements but also its campus culture. More than 400 student clubs and associations are thriving on campus, bringing inexhaustible energy to the school. In addition, a wide array of activities renders the campus attractive and charming.

Internship and Career Development for Students

In order to help students seek employment, NTU initiated the “NTU Internship Program (NTUIP)” to better keep education in steps with the industry. This year, NTU launched the innovative “corporate manager’s intern camp” and “international leadership camp.” The former aims to allow students to have the opportunities to observe a corporate manager’s job up close; the latter invites managers with international experience to interact with students entirely in English, helping students to build their own brands,

and improve international leadership skills and communication skills of different cultures.

Social responsibility

To provide students with the resources to devote to their studies, NTU has provided scholarships, grants and subsidies to support eligible students. In addition, NTU has set up “NTU Program for Hope” which includes the following branches: enrollment for hope, scholarship for hope, counseling for hope and employment for hope. For students who want to volunteer and contribute to the communities with actions, the school provides more than 40 local and international service teams during winter and summer vacations, and more than 700 community service courses during the semesters. In addition, NTC also has set up special awards acknowledging students with special contribution to the society to inspire students’ sense of duty and responsibility towards the society.

創意能量

創新設計學院

臺大創新設計學院（以下簡稱 D-School）於 2014 年成立，並於 2015 年秋季正式授課。目標是成為臺大師生跨領域合作的開放式平台，讓不同系所、不同專業的師生可以一起合作。以創新的方式解決社會上重要問題，並實際動手實踐，提昇臺灣整體競爭力。

學生在 D-School 不僅可以學會解決問題的方法，更可利用學校提供的資源與設備，在實作中心把想法實踐！

核心課程培養學生解決問題的基本能力；工作坊課程讓學生有更多的技能來面對問題。在專題課程中，讓學生針對真實場域的議題提出解決方案，範圍涵蓋與自身息息相關的食、衣、住、行。D-School 也提供了企業課程，讓業界人士與同學一起尋找產業新樣貌。





D-School
@NTU
台大創新設計學院

CREATIVITY AND ORIGINALITY

Stanley Wang D-School @ NTU, established in 2014, began offering official credit courses in Fall 2015. With the aim to serve as a platform for interdisciplinary cooperation, D-School encourage all NTU faculty and students from different departments to engage in a real-world problem using their expertise. We hope to motivate students to face challenges and resolve social issues using innovative ideas. The real actions put together will become to dominating force to drive Taiwan forward.

At D-School, students will learn how to be a creative design thinker, how to be a maker, how to be a problem solver, and how to be an effective team member. Ultimately, we let students to build upon each others' ideas and realize them in D-School.

D-School offers DS series courses from the core of creative thinking and effective action (DS5100 series), to short workshop enabling courses to equip skills needed in design (DS5200 series). The project courses (DS5300 series) covers everyday life from transportation to foods, from aging society to inclusive playground. We invite external experts and stack-holders to join us in developing solutions and create sustainable business models.



創意創業學程

本學程以於校園中推廣創意與創業相關的學習、實踐與輔導為宗旨，期能透過多元創意發想、跨領域創業知能、務實的商業設計與包容失敗的事業實踐過程，激發臺大學生提出有效解決問題的創意，激勵將創意轉化為創業行動，從而創造專業生涯新的可能性。

完善的學程課程架構設計

學程開設迄今已進入第九年，從初期以「創意」相關課程為核心的設計，逐步進化為以「創業」相關課程為主體的設計，並將學程核心課程規劃為「知識學習」與「行動實踐」兩部分。本學程核心課程在設計上重視學術與實務的結合，除教授創業財務、團隊領導、社會企業與創業財務等知識背景，同時引進實務界業師分享創業經驗外，「創意創業專題討論與實踐」課程更模擬從0到1的事業萌芽歷程，更視階段引進外界業師及給予必要的驗證資金。



延伸創業學習與實踐

創創學程每學期均推出全校性的創創論壇，針對當年最重要的創業方向，邀請專家學者進入校園，激盪想法、提供延伸學習機會。學程學員中具有創業可能性的團隊，可申請進入「臺大車庫」，得到更針對需求的創業輔導協助，以完成創業行動，達成學程教育目標。

Creativity and Entrepreneurship Program

This program aims at promoting courses, practices, and guidance that help to foster creativity and entrepreneurship. We hope to inspire students to develop solutions through entrepreneurial ingenuity, inter-disciplinary knowledge, practical business design, and the ability to turn crises into opportunities. The program will equip students with the relevant skills to open new doors and to create new career paths.

Impeccable Curriculum

The program is entering its ninth year. Initially, the focus of the course agenda has gradually evolved from “Inspiring Creativity” to “Establishing Entrepreneurship”. The program is divided into two parts: “Knowledge Acquisition” and “Practicum”. The combination of theories and practices is of great importance. Students will acquire knowledge of entrepreneurial

finance, leadership, and social enterprises. In addition, experts in different industries are invited to share their experiences. Furthermore, the Seminar and Action on Creativity and Entrepreneurship creates an opportunity for students to experience the process of starting a business. Seasoned experts are invited to provide assistance and subsidies will be available depending on the stage of each individual’s project development.

Extended Training and Practice of Entrepreneurship

The program organizes annual forums that are open to all members of NTU. Experts are invited to talk about the major trends in entrepreneurship, inspiring students to generate new ideas and creating more opportunities for learning. Those who have the potentials to start their own businesses are eligible for applying to the NTU Garage to receive tailored assistance and achieve their entrepreneurial objectives.



國際交流

從亞洲的臺大到世界的臺大

因應國際化趨勢，將開闢新合作模式，延伸臺大的張力成為「世界的臺大」。具體來說，可概括四個重點：重點大學策略聯盟計畫、拓展海外教育計畫、國際學生的招收與輔導、以及短期課程的設立與強化。

重點大學策略聯盟

臺大在國際化的各個面向，不論是國際研究合作、海外教育機會、招收國際生等，已有「量」上的飛躍式成長。為強化「質」的提昇，期與國際頂尖大學並駕齊驅，重點大學策略聯盟計畫應運而生。臺大將專注耕耘與重點對象的合作，以永續經營為前提，建立更長、更深、更廣的關係。

在強調實質深度交流的合作下，除了持續和東大、京大、北大、漢堡、UIUC 等校合作聯盟外，臺大和日本筑波大學、法國波爾多大學共同推動課程資源共享的校園無邊界「點唱機」式課程，以及全球創新雙聯學位計畫，實踐全球化教育創新，培養國際優秀人才。

海外教育學習

「走出臺灣，帶回世界」我們提供學生多元的出國機會，包括交換、訪問、海外暑期班等，期許學生透過海外學習機會充實學業，拓展視野，並鼓勵返國學子將海外經驗回饋予學弟妹，使本地學生的國際觀得以彼此培養擴散、濡染成為校園內的國際化。



INTERNATIONAL EXCHANGE

Expanding from Asia to the World

In response to internationalization, NTU will establish new models for cooperation, extending our reach to the whole world. The Office of International Affairs (OIA) aims to continue to create strategic partnerships with prestigious universities worldwide, to promote overseas educational programs, to recruit and to guide international students, and to offer more and better short-term courses.

Strategic Partnerships

NTU has been proactively participating in international programs. The number of international academic cooperation, overseas educational programs, and international students have been increasing significantly. To enhance the quality of our international programs and stay abreast of international trends, NTU's Strong Partnerships have emerged as one of our strategies. NTU will continue to increase our cooperation with key partners, creating sustainable partnerships that cover a wide range of areas of cooperation.

To further promote our substantive cooperation, NTU will maintain its

cooperative links with its partner universities, such as the University of Tokyo, Kyoto University, Peking University, the University of Hamburg, and the University of Illinois at Urbana-Champaign. In addition, NTU, the University of Bordeaux and the University of Tsukuba have jointly promoted the Campus in Campus Jukebox Program, enabling the sharing of resources and the Global Innovation Joint-Degree Program as well as fostering global innovation in education and human capital.

Study Abroad Program

“Bring Taiwan to the world and bring the world to Taiwan!” NTU offers many opportunities for students to study overseas. A variety of programs, such as exchange student, visiting, and summer programs are available. Students are able to acquire new knowledge and skills as well as broaden their horizons by studying broad. After returning home, they are encouraged to share their valuable experiences with their fellow students. In doing so, those who stay in Taiwan will also be able to broaden their horizons, and international cultures can become an integral part of NTU.



設置獎學金，吸引國際學生

臺大的期許與願景是「亞洲頂尖、世界一流」，因此競爭與挑戰的目標是全世界的頂尖大學，我們提供更多獎學金，吸引頂尖的學生來臺大攻讀碩、博班，而學士生招收，則是積極運用臺大的海外名聲及校友連結，吸引優秀的高中生直接來臺大就讀。

NTU PLUS Academy

透過學期間與寒暑假的短期課程，提供國際學生學習華語、文化、及臺大各專業領域的機會，所有課程皆授予學分，不但行銷臺灣、宣揚中華文化，同時也成功吸引多位國際學生返回臺大就讀學位或進行交換。目前全年已有近三十個短期課程，吸引約五百位國際學生參與，採多元化的經營模式，包括多個友校專班的辦理，例如日本千葉大學及早稻田大學春季班、香港中文大學秋季專班、大連理工大學及香港教育大學短期專班等。

日常生活國際化

國際化的終極目標，乃是回歸人本的核心價值。透過校方平臺，讓更多臺大師生和國外師生建立連結，進而形成網絡，使「國際化」潛移默化，成為學校日常生活運行的一部分，如此臺大才是真正成為世界級、國際化的大學。





International Scholarships

NTU aims to become a top university not only in Asia but also in the world by outcompeting other prestigious universities worldwide. We will continue to provide scholarships to attract talented international students to pursue their master's or doctoral degrees at NTU. In addition, NTU's international reputation and alumni also help attract high school students to enroll in our undergraduate programs.

NTU PLUS Academy

Pre-sessional and in-sessional short-term courses are platforms for international students to learn Mandarin and better understand Taiwan and its culture. With these short-term courses, NTU is able to attract those who have completed these courses to return and pursue degrees or as an exchange student. Thirty short-term programs are available each year, attracting about 500 international students. These short-term courses, which operate based on diversified business models, have

yielded concrete results. These programs also include those specifically designed for NTU alumni. For instance, NTU has jointly opened spring or autumn programs with the following universities respectively: Chiba University, Waseda University, Chinese University of Hong Kong, Dalian University of Technology, and the Education University of Hong Kong. The demand for these courses has been increasing, turning a new page for NTU's cooperation on short-term courses with other educational institutes.

Enable students to broaden horizons in their daily lives.

Internationalization ultimately aims at safeguarding humanity. As a part of our strategies for promoting internationalization, platforms have been provided for faculty members and students to carry out exchanges with their counterparts in other countries and build up their personal networks. Only by enabling members of NTU to stay abreast of international trends can it truly become a top university in the world.



鈣鈦礦太陽能電池

Energy and Environmental Science, (2016)

材料系陳俊維教授提供

2016 - 2017年 國立臺灣大學 簡介手冊

發行人 | 楊泮池
出版者 | 國立臺灣大學秘書室
主編 | 林達德
出版年月 | 2016年11月



**National
Taiwan
University**

國立臺灣大學

10617 臺北市羅斯福路四段一號

電話總機 | 886-2-3366-3366

傳真號碼 | 886-2-2362-7651

網址 | <http://www.ntu.edu.tw>