

National Chiao Tung University

Taiwan's Top Research University

ENGINEERING A BRIGHT FUTURE STARTS HERE

Outstanding Achievements

- Engineering ranks 47th world-wide*
- Computer Science ranks 36th world-wide* and 30th world-wide by Essential Science Indicators, 2011.
- Leader in semiconductor, photonics, communication, materials science, solar energy, nanotech & bioinformatics.
- College of Management accredited by the Association to Advance Collegiate Schools of Business (AACSB)
- MBA program ranks 5th in Asia by Asia Inc.

*Shanghai Jiaotong University's Academic Ranking of the World Universities in 2010

Incubator of Innovators and Entrepreneurs

- Research collaborations with the nearby Hsinchu Science Park, Taiwan's Silicon Valley
- Highest patents output & technology licensing in Taiwan
- Over 500 alumni as CEOs and managers in top high-tech companies (Acer, ASUS, D-Link, TSMC, UMC, etc.)
- Graduates most favored by Taiwanese enterprises

Wide-Ranging Programs

Over 100 undergraduate & postgraduate programs

- 9 Colleges: Engineering, Electrical & Computer Engineering, Computer Science, Science, Biological Science & Technology, Photonics, Management, Humanities & Social Sciences, Hakka Studies

All-English master's degree programs:

- International Graduate Program in Electrical Engineering & Computer Science (EECS)
- Global MBA Program (GMBA)

Free Chinese courses

Scholarships for Outstanding International Students (US\$1 ⇄ NT\$30)

- NCTU Scholarship: up to NT\$15,000 per month and/or tuition waiver
 - Taiwan Scholarship: up to NT\$30,000 per month
 - Joint scholarships with research facilities: amount varies
- Fees & Living Expenses*: NT\$100,000 ~ NT\$150,000 per year*

*Costs vary per person

Application for Admission

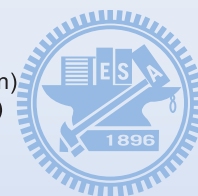
Dates

- Fall Intake: October 1 - December 31 (Early Action)
January 1 - March 31 (Regular Action)
- Spring Intake*: August 10 - September 30

* Graduate Programs only

Procedures

- Fill out online application form:
<http://www.ia.nctu.edu.tw> > Prospective Students > Admissions
- Print out application form and prepare other required documents as specified
- Post or personal deliver application materials to our office by the application deadline



Division of International Admissions
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National Chiao Tung University at a Glance

History

- ▶ Started as Nanyang College in Shanghai in 1896
- ▶ Shares the origin & name of “交通” (“Chiao Tung” or “Jiaotong”) with 4 universities in China: Shanghai, Beijing, Xi’an & Southwest
- ▶ Re-established as NCTU in 1958 in Hsinchu, Taiwan, focusing on electrical & computer engineering
- ▶ Evolved into a comprehensive university of 9 colleges (19 depts & 32 graduate institutes)

Main (Kuang-Fu) Campus

- ▶ Situated in Hsinchu, the “Silicon Valley” of Taiwan
- ▶ Adjacent to the Hsinchu Science Park, the largest science park in Taiwan
- ▶ Surrounded by 7 national laboratories, 2 of which are on NCTU campus
- ▶ 5-minute drive to ITRI (Industrial Technology Research Institute)

Campuses

- ▶ Hsinchu: Kung-Fu Campus & Bo-Ai Campus
- ▶ Taipei Campus
- ▶ Ju-Bei Campus
- ▶ Tainan Campus

Students

- ▶ A research oriented university with 5,604 undergraduates & 7,363 postgraduates
- ▶ International students from over 60 countries
- ▶ Member of the University System of Taiwan (UST) (students can also take courses at Natl Central Univ., Natl Tsing Hua Univ. & Natl Yang-Ming Univ.)

Faculty & Staff as at 2011

- ▶ 942 teaching & research faculty
- ▶ 144 research staff
- ▶ 1781 administrative & support staff
- ▶ Largest number of IEEE fellows as faculty members among universities in Taiwan

Rankings

- ▶ 47th in Engineering & 36th in Computer Science by Shanghai Jiaotong University's Academic Ranking of World Universities 2010
- ▶ 26th in Computer Science by ESI for publications
- ▶ 10 depts/institutes accredited by Institute of Engineering Education Taiwan (IIEET)

Colleges

- ▶ Electrical & Computer Engineering
- ▶ Computer Science
- ▶ Science
- ▶ Engineering
- ▶ Biological Science & Technology
- ▶ Management (AACSB-accredited)
- ▶ Humanities & Social Sciences
- ▶ Hakka Studies
- ▶ Photonics

Finances, Research Funding & Private Support

- ▶ Total external funding: US\$69m
- ▶ Total external research funding: US\$53m
- ▶ Research funds from the government: US\$45.2m
- ▶ Over 81% faculty engaged in sponsored research by the National Science Council

Research – Focusing on Interdisciplinary Approach to Develop Cutting-edge Technology

- ▶ 7 Top Research Centers
 - ◇ Emerging Nano-Electronics and System Research Center
 - ◇ Intelligent Information Communications Research Center
 - ◇ Frontier Photonics Research Center
 - ◇ Biomedical Electronics Center for Translational Research
 - ◇ Center for Interdisciplinary Science
 - ◇ Center for Bioinformatics Research
 - ◇ Brain Research Center

Patents & Technology Transfer

- ▶ One of the highest number of patents granted among Taiwan universities
- ▶ Highest revenue in technology licensing in Taiwan
- ▶ 299 patents filed in 2010
- ▶ 87 technology transfers in 2010
- ▶ A total of 98 incubated projects by 2010
- ▶ 9 companies incubated to date, including Wretch.cc, the largest blog & album network community in Taiwan

Alumni

- ▶ Two-thirds of the CEOs & general managers in the Hsinchu Science Park are NCTU alumni
- ▶ Distinguished Alumni:
 - ◇ Dr. Stan Shih, Founder of Acer
 - ◇ Dr. Jonney Shih, Chairman of ASUSTek Computer Inc.
 - ◇ Dr. Fan-Cheng Tseng, Vice Chairman of Taiwan Semiconductor Manufacturing Company Limited (TSMC)
 - ◇ Dr. John Hsuan, Former CEO of United Microelectronics Corporation (UMC)
 - ◇ Dr. Ken Kao, Founder of D-Link Corp.
- ▶ The largest alumni network in the Asia Pacific region (along with the 4 Jiaotong Universities in China)

Internationalization

- ▶ Over 300 collaborations with prominent universities & institutions around the world, including Carnegie Mellon University, Chalmers University of Technology, IMEC, Katholieke Universiteit Leuven, North Carolina State University, Technische Universität München, Tokyo University, UIUC
- ▶ Most agreements include student & faculty exchange, share of research
- ▶ Dual Degree Programs
 - ◇ Katholieke Universiteit Leuven (KUL) – M.S. & Ph.D.
 - ◇ University de Nantes – Ph.D.
 - ◇ Institut National Des Telecommunications – M.S. & Ph.D.
 - ◇ Waseda University – M.S.
 - ◇ University of Maryland – Ph.D.
 - ◇ North Carolina State University – Ph.D.
 - ◇ Paris-Sud XI University – M.S.
 - ◇ John Marshall Law School – M.S.
 - ◇ Washington University in St. Louis – M.S.
 - ◇ Carnegie Mellon University – Ph.D.
 - ◇ Case Western Reserve University – B.S.
 - ◇ Ecole Superieure D electricite Supelec – M.S. & Ph.D
- ▶ English-taught master's programs
 - ◇ EECS International Graduate Program
 - ◇ Global MBA Program
- ▶ English-taught courses offered in all 9 colleges
- ▶ Free Chinese courses