AT A GLANCE

NTU

College of Engineering
College of Science
College of Humanities, Arts, and Social Sciences
Nanyang Business School
National Institute of Education
S Rajaratnam School of International Studies
Earth Observatory of Singapore
Singapore Centre on Environmental Life Sciences Engineering
Lee Kong Chian School of Medicine

Fastest-rising Asian university in the world's top 50
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Vision & Mission

A great global university founded on science and technology

Nurturing creative and entrepreneurial leaders through a broad education in diverse disciplines
ABOUT NTU

PROFILE

• Fastest-rising Asian university in the world’s top 50; ranked 41st in the world and 8th in Asia*
• 2nd among the world’s young elite universities#
• Research-intensive with lion’s share of competitive funding in Singapore (about S$2.65b from 2005 to 2012)
• About S$1.2b for sustainability research since 2005
• More than S$366m in competitive research grants in FY2011/12
• Strengths in engineering, science, business, humanities, arts, social sciences, education, international studies and medicine
• Joint medical school with Imperial College London
• 4th most-cited university for engineering research output that is among the top four universities globally
• 9th globally for faculty diversity
• 1st globally for industry income and innovation, with strong industry presence on campus
• Top 15 most beautiful university in the world, with 16 halls of residence for undergraduates and 5,000 new hostel places by 2015
• Second campus in one-north, Singapore’s science and tech hub, and third campus in Novena, Singapore’s medical district
• 18 joint and dual PhD programmes with top universities
• About 23,500 undergraduates and 9,500 graduate students from 83 countries
• About 4,000 faculty and researchers from about 75 countries
• More than 179,800 alumni in 127 countries

* 2013 Quacquarelli Symonds (QS) World University Rankings
# 2013 QS Top 50 Under 50
Established in 1991, Nanyang Technological University (NTU) has roots that go back to 1981 when its predecessor institution, Nanyang Technological Institute, was set up as a teaching university. Today, NTU is a research-intensive institution bridging the best of the East and West, and the fastest-rising Asian university in the world’s top 50 in the 2013 QS World University Rankings.

**Joint Medical School with Imperial College London**

Combining NTU’s core strengths in engineering and business with Imperial College London’s world-renowned medical expertise, the **Lee Kong Chian School of Medicine** will prepare the brightest minds to meet the demands of 21st-century healthcare and introduce innovations to medical education. The school has received philanthropic support of about S$200m. It admitted its first cohort in August 2013.

**A Rich Heritage: National Monuments on Campus**

Gazetted as a national monument in 1998 and now housing the **Chinese Heritage Centre** for research on Chinese overseas, the former Nanyang University Administration Building overlooks the historical Yunnan Garden.

The **Nanyang University Memorial** and original **Nanyang University Arch** were also declared national monuments of Singapore in 1998.
Deep Links with Asia, Global Connections
NTU’s international outreach is broad and strong and includes more than 400 academic and research partnerships with institutions across the United States, Europe and the Asia-Pacific, particularly China and India.

NTU is one of the seven founding members of the Global Alliance of Technological Universities (GlobalTech), a network of top technological universities united in addressing global issues through leading-edge science and technology.

Global Alliance of Technological Universities
- California Institute of Technology
- Eidgenössische Technische Hochschule Zürich
- Georgia Institute of Technology
- Imperial College London
- Indian Institute of Technology Bombay
- Nanyang Technological University
- Shanghai Jiao Tong University
- Technische Universität München
- University of New South Wales
Governance
The 18-member NTU Board of Trustees is a key pillar of university governance and sets the broad strategic directions for the university. The President of the University is the principal executive. He is assisted by the Deputy President and Provost, Chief of Staff, Vice Presidents, Associate Provosts, Director (National Institute of Education), College Deans, School Chairs and heads of administrative departments/institutes.

Chancellor
The President of the Republic of Singapore is the Chancellor of the university.

Colleges
College of Engineering
The largest engineering college in the world with six schools focused on technology and innovation; 4th most-cited university for engineering research output that is among the top four universities globally

Schools:
• School of Chemical and Biomedical Engineering
• School of Civil and Environmental Engineering
• School of Computer Engineering
• School of Electrical and Electronic Engineering
• School of Materials Science and Engineering
• School of Mechanical and Aerospace Engineering

College of Science
Award-winning faculty, Olympiad medal winners and world-class laboratories; offers Singapore’s first double degree programme in Biomedical Sciences and Traditional Chinese Medicine in partnership with Beijing University of Chinese Medicine

Schools:
• School of Biological Sciences
• School of Physical and Mathematical Sciences
Nanyang Business School
(College of Business)
Consistently ranked among the world’s premier business schools, with an MBA programme that is rated top in Singapore and one of the best in Asia; home to leading faculty including The Economist’s Business Professor of the Year and the world’s top researcher for accounting; first business school in Singapore, and the third in Asia, to be accredited by both the European Quality Improvement System and Association to Advance Collegiate Schools of Business

College of Humanities, Arts, and Social Sciences
Home to the Wee Kim Wee School of Communication and Information, a top mass communication school in Asia; a fast-growing humanities and social sciences school with special strengths in research on Asia; and Singapore’s first professional art school offering degree courses in art, design and interactive digital media

Schools:
- School of Art, Design and Media
- School of Humanities and Social Sciences
- Wee Kim Wee School of Communication and Information

Interdisciplinary Graduate School
A graduate school that supports PhD research in the university’s interdisciplinary research centres in sustainability, new media and future healthcare
Autonomous Institutes
National Institute of Education
Singapore’s main teacher-training institute that provides educational consultancy to countries from Abu Dhabi to Vietnam

S Rajaratnam School of International Studies
An autonomous graduate institution of NTU and a world authority on strategic and international affairs; ranked 27th globally among the world’s best university-affiliated think tanks in the 2012 Global Go-To Think Tank Rankings

Lee Kong Chian School of Medicine
Combines NTU’s core strengths in engineering and business with Imperial College London’s world-renowned medical expertise; first intake in 2013

Earth Observatory of Singapore
Established in 2008 with S$150m in state funding; a leading resource centre in understanding environmental threats and the first Asian organisation to receive a S$5m endowment from the global AXA Research Fund

Singapore Centre on Environmental Life Sciences Engineering
Set up in 2010 to harness microbial biofilms for water and environmental sustainability; awarded S$120m in government funding over 10 years

Home to Top Students, Faculty and Researchers
NTU develops leaders who are multidisciplinary and well-prepared for the global workplace. The university:
• counts among its students top scholars and Olympiad medallists from the region and beyond
has world-acclaimed scientists such as biochemist and NTU President Bertil Andersson, former Trustee of the Nobel Foundation and former Chief Executive of the European Science Foundation; materials science and engineering pioneer and NTU Provost Freddy Boey; molecular biologist Stephan Schuster from Penn State University; geologist Kerry Sieh from Caltech; microbiologist Staffan Kjelleberg from University of New South Wales; branding expert Bernd Schmitt from Columbia Business School; structural biologist Daniela Rhodes from MRC Laboratory of Molecular Biology, Cambridge; public communications specialist Charles Thomas Salmon from Michigan State University; neotectonist Paul Taponnier from University of Paris; immunologist Dermot Kelleher from Imperial College London; geneticist Philip Ingham from University of Sheffield; endocrinologist Bernhard Boehm from Ulm University; pioneer in biofilm model systems Michael Givskov from University of Copenhagen; accounting researcher Tan Hun Tong; volcanologist Chris Newhall from the US Geological Survey; virtual reality pioneer and MIRALab founder Nadia Thalmann from University of Geneva; optoelectronics and nanophotonics expert Nikolay Zheludev from University of Southampton; and sustainable electronics pioneer Gehan Amaratunga from University of Cambridge

regularly welcomes Nobel laureates and eminent academics brought in under various visiting professorship and fellowship schemes

Recruiting the Best
Exceptional young international faculty from diverse disciplines are drawn into the university’s academic and research enterprise though the Nanyang Assistant Professorship scheme, which
awards grants of up to S$1m over three years for cutting-edge research, as well as the prospect of tenure-track appointments.

Outstanding young researchers may also apply for prestigious fellowships in Science and Technology under a scheme promoted by the Singapore National Research Foundation, which could lead to an offer of a faculty position at NTU and research funding of up to S$3m over five years. NTU is committed to attracting the brightest post-doctorates and PhD students locally and globally. Quality graduate programmes, including joint PhD programmes with top overseas universities, and attractive scholarships, such as the Nanyang President’s Graduate Scholarship, NTU Research Scholarship and Singapore International Graduate Award, help draw the very best research talent from all over the world.

Residential Community
The Yunnan Garden campus provides a serene backdrop to 16 Halls of Residence housing some 9,200 students and a variety of lodging options, including accommodation for about 1,300 graduate students. All new undergraduates are guaranteed a place in a hall of residence.

About 36% of full-time undergraduates and 71% of international undergraduates live on campus. Some 600 housing units are set aside for international academics and staff members.

A Town Called NTU
• NTU has the largest on-campus residence infrastructure in Singapore and hosted the inaugural Youth Olympic Games in 2010.
• About 34% of NTU’s full-time student population and 60% of faculty and staff members call NTU home.
Sources of Revenue for FY2011/12 (in S$m)

- Grants from ministries: 787 (55%)
- Research grants: 207 (15%)
- Other income: 169 (12%)
- Tuition and other fees: 256 (18%)

The Financial Year (FY) starts on 1st April and ends on 31st March of the following year.

Total Revenue for FY2007/8-FY2011/12 (in S$m)

<table>
<thead>
<tr>
<th>Year</th>
<th>Total Revenue</th>
</tr>
</thead>
<tbody>
<tr>
<td>FY2007/8</td>
<td>1,042</td>
</tr>
<tr>
<td>FY2008/9</td>
<td>1,173</td>
</tr>
<tr>
<td>FY2009/10</td>
<td>1,352</td>
</tr>
<tr>
<td>FY2010/11</td>
<td>1,412</td>
</tr>
<tr>
<td>FY2011/12</td>
<td>1,419</td>
</tr>
</tbody>
</table>

**University Budget**

**About NTU**

**Academic Year**

- **Semester 1:** August-December
- **Semester 2:** January-May
- **Special Terms:** May-July
World-class Research

NTU performs cutting-edge research through various strategic national and international research programmes. The university hosts two out of five national Research Centres of Excellence (RCEs) – the Earth Observatory of Singapore and Singapore Centre on Environmental Life Sciences Engineering, both conducting research aligned with the long-term strategic interests of Singapore. NTU is also the lead local partner in eight out of 14 national CREATE centres, set up with elite international universities.

Research in NTU is carried out within and across the colleges/schools and RCEs, supported by nine university-level research institutes with 12 research centres under the institutes, 50 research centres under the colleges/schools, and 11 joint centres with external organisations.

**Key Research Centres of Excellence and Institutes**

- Earth Observatory of Singapore
- Singapore Centre on Environmental Life Sciences Engineering
- Nanyang Environment & Water Research Institute
- Institute for Media Innovation
- Energy Research Institute @ NTU
- Nanyang Institute of Technology in Health & Medicine
- Institute of Catastrophe Risk Management
- Institute for Sports Research
- Institute on Asian Consumer Insight
- Maritime Institute @ NTU
- Nanyang Institute of Structural Biology
Funding Success
From 2005 to 2012, NTU won about S$2.65b in competitive research funding. In FY11, the most significant external competitive research grant received was from the Economic Development Board for the Institute on Asian Consumer Insight.

Five Peaks of Excellence
NTU’s five-year strategic plan, NTU 2015, maps out how it will become a great global university by 2015. Under this, NTU will build on its current strengths and heritage to make its mark internationally in five interdisciplinary areas – sustainability, healthcare, new media, the best of the East and West, and innovation.

The areas leverage NTU’s diverse strengths, particularly its longstanding expertise in engineering and business, and the interfaces these have with various disciplines such as healthcare, science and the humanities. With more than S$1.2b of research funding in the area of sustainability from 2005 to 2013, NTU is already a global leader in this area.

NTU has set up a medical school jointly with Imperial College London to meet the challenges of ageing and healthcare in Singapore. The Lee Kong Chian School of Medicine will pioneer medical innovations and bring about enhancements to the healthcare system.
Some of Our International Partners

Europe
- Centre National de la Recherche Scientifique
- Eidgenössische Technische Hochschule Zürich
- Fraunhofer-Gesellschaft
- Imperial College London
- Karolinska Institutet
- Technische Universität München
- University of Cambridge

North America
- California Institute of Technology
- Carnegie Mellon University
- Cornell University
- Georgia Institute of Technology
- Massachusetts Institute of Technology
- Stanford University
- University of British Columbia
- University of California, Berkeley
- University of North Carolina at Chapel Hill

Asia and beyond
- Hebrew University of Jerusalem
- Indian Institute of Technology Bombay
- Peking University
- Shanghai Jiao Tong University
- Technion-Israel Institute of Technology
- Tokyo Institute of Technology
- University of New South Wales
- Waseda University
Breakdown of S$366.3m Competitive Research Grants Awarded (FY2011/12)

*Note: For NRF, the contribution from CRP awards is 10% (S$38m)

MOE AcRF:
The MOE Academic Research Fund (AcRF) funds research projects on a competitive basis across Singapore-based universities (NTU, NUS, SMU). Two grant calls are planned for each year, in February and August.

NRF:
The National Research Foundation’s (NRF) Competitive Research Programme (CRP) Funding Scheme aims to encourage high-impact research and enhance intellectual and human capital development for R&D. The CRP scheme funds a broad base of research ideas at the programme level through a competitive bottom-up approach.
Graduate Education

NTU has established a strong presence in CREATE (Campus for Research Excellence and Technological Enterprise), an initiative of Singapore’s National Research Foundation to foster ties between elite universities and Singapore-based institutions.

Singapore-MIT Alliance for Research and Technology (SMART)
MIT’s largest international research programme involving NTU researchers, focused on solving societal problems through interdisciplinary research.

Singapore-ETH Centre for Global Environmental Sustainability (SEC)
Launched to spearhead research in sustainable design, planning and construction to meet urban challenges.
Technion-Israel Institute of Technology, NTU and NUS Centre for Regenerative Medicine
A collaboration to advance the field of cardiac restoration therapy.

TUM CREATE Centre for Electromobility
Set up by NTU and Technische Universität München to develop sustainable transport solutions, including electric cars for Asian cities.

Berkeley Education Alliance for Research in Singapore (BEARS)
A tie-up between NTU and University of California, Berkeley, to enhance the efficiency of buildings in the tropics.

Collaboration between NTU, Ben-Gurion University of the Negev and Hebrew University of Jerusalem
A CREATE alliance focused on using nanomaterials to improve energy and water management technologies.

Singapore-Peking University Research Centre for a Sustainable Low-Carbon Future
A tie-up to harness carbon capture technologies to mitigate carbon emission.

Cambridge Centre for Carbon Reduction in Chemical Technology (C4T)
A partnership with the University of Cambridge to help minimise the carbon footprint of industrial-scale chemical processes.

Strong Links with Industry
NTU has a long record of cooperation with industry and is a partner of choice for leading commercial organisations and government research institutions.
Strategic Priority Areas

Sustainable Earth
• Sustainability
• Earth Sciences
• Clean Energy
• Water Technology
• Environmental Life Sciences Engineering
• Nanotechnology and Nanoscience
• Security

Future Healthcare
• Biomedical Engineering
• Healthcare
• Structural Biology
• Neuroscience
• Bioengineering
• Nanotechnology and Nanoscience
• Microelectronics

New Media
• Interactive and Digital Media
• Infocommunications Technology
• Microelectronics
• Research and Pedagogy in Education

New Silk Road
• Chinese Culture and Language
• Human Language Processing
• Research relevant to Asian Culture and Economics
• Cultural Intelligence
• Financial Engineering and Risk Management
Major Industrial Research Partners

- AXA*
- BMW*
- Carl Zeiss*
- CNRS*
- Det Norske Veritas
- DRTech (Defence Research and Technology Office)*
- Dyesol Limited
- European Aeronautic Defence and Space Company*
- Fraunhofer-Gesellschaft*
- German Aerospace Centre (DLR)*
- Infineon
- Kemira Oyj
- Lockheed Martin*
- Lushang
- MicroVision*
- Nitto Denko Corporation
- Robert Bosch*
- Rolls-Royce*
- Royal Philips Electronics
- Sembcorp Industries
- SGL Carbon
- Siemens Pte Ltd*
- Singapore Power
- ST Kinetics*
- ST Microelectronics*
- SOLID ASIA*
- Thales*
- Toray Industries Inc*
- Toshiba*
- Vestas*
- World Entrepreneurship Forum
- Vestas
- Xenon Technologies (XT)

*with laboratories/centres at NTU
## Research Revenue (in S$m)

<table>
<thead>
<tr>
<th>Year</th>
<th>Total Research Revenue</th>
<th>Government/Statutory Boards</th>
<th>Industries and others</th>
<th>Total Research Revenue</th>
</tr>
</thead>
<tbody>
<tr>
<td>FY2007/8</td>
<td>134.0</td>
<td>4.1</td>
<td>138.1</td>
<td>195.6</td>
</tr>
<tr>
<td>FY2008/9</td>
<td>122.2</td>
<td>31.5</td>
<td>153.7</td>
<td>211.7</td>
</tr>
<tr>
<td>FY2009/10</td>
<td>149.2</td>
<td>22.2</td>
<td>171.4</td>
<td>200.4</td>
</tr>
<tr>
<td>FY2010/11</td>
<td>196.9</td>
<td>23.1</td>
<td>196.9</td>
<td>220.0</td>
</tr>
<tr>
<td>FY2011/12</td>
<td>195.6</td>
<td>29.7</td>
<td>195.6</td>
<td>225.3</td>
</tr>
</tbody>
</table>

[Graph showing Research Revenue trends from FY2007/8 to FY2011/12]

- **Government/Statutory Boards**
- **Industries and others**
- **Total Research Revenue**
• **X-SAT**, Singapore’s first locally-made satellite, successfully launched and operated in space

• A **robotic endoscope** with crab-like pincers that removes stomach tumours in minutes without open surgery

• The **No-Mix Vacuum Toilet**, a vacuum lavatory that turns human waste into electricity and fertilisers, and reduces the amount of water needed for flushing by up to 90%

• An **anti-bacterial coating** that attracts and kills bacteria, used in contact lenses and animal care products

• The finding that blocking a protein called myostatin in the body can prevent obesity and muscle loss

• An **eye gel** that releases a drug over time to combat post-surgical scarring in glaucoma patients

• **Social Cloud TV**, which “pulls” TV shows onto mobile devices so users can continue watching them on the go
• A novel customisable hernia mesh, approved for sale by the US Food and Drug Administration

• An “invisibility cloak” made from calcite crystals that shields small objects from visible light, making them “disappear”

• New thin-film silicon solar cells exploiting advanced nanostructure technology that are highly efficient and cheaper than traditional silicon solar cells

• The Parasitometer, a laser-technology device that can detect contaminants in treated water in an hour instead of days

• A superefficient “inexact” computer chip that consumes less energy and is at least 15 times more efficient than existing models

• A blood test kit that detects proteins associated with cardiovascular diseases and can predict a heart attack before it happens

• The discovery that the damage-resistant property of the mantis shrimp’s claws can be applied in medical implants to make them lighter and stronger
NTU Education, a strategic blueprint for undergraduate education, caters to new ways of learning and embeds the latest and best teaching practices.

NTU offers 35 single bachelor’s degree programmes. Students can also choose from 15 double degree programmes and five integrated programmes.

NTU Education includes:

**University Scholars Programme (USP)**
A challenging multidisciplinary academic programme for the brightest students; offers a wide range of extracurricular and overseas opportunities and sessions with distinguished professors and Nobel laureates.

**Renaissance Engineering Programme (REP)**
An elite fully-residential multidisciplinary programme that aims to groom outstanding CEOs and CTOs; students graduate with a Bachelor of Engineering Science degree and an MSc in Technology Management in 4.5 years.

**CN Yang Scholars Programme**
Prepares science and engineering talents for top graduate schools; accelerated PhD track.

**Undergraduate Research Experience on CAmpus (URECA)**
For students with a passion for research; gives access to more than 1,200 projects campus-wide.
Global Education and Mobility (GEM)
NTU offers enriching student mobility programmes with more than 100 leading companies and 150 partner universities across more than 25 countries through its Global Education and Mobility (GEM) initiatives such as GEM Explorer and GEM Discoverer.

- **GEM Explorer** enables students to take courses in an overseas partner university for one full semester while exploring a new country and culture.

- **GEM Discoverer** offers various programmes (ranging from 2 to 22 weeks) that place students overseas for internships, research and short-term study trips; academic units earned count towards the NTU degree.

Currently, about 2,300 NTU students participate in overseas immersion on a yearly basis. More information about these programmes can be found at: [www.ntu.edu.sg/global](http://www.ntu.edu.sg/global)

A range of assistance schemes is available to help students defray the cost of their overseas education.
NTU is the first university in the world to start a joint doctoral programme with Imperial College London. It conducts 18 joint and dual PhD programmes with overseas universities, as well as six Master’s programmes for Chinese government officials, including vice-mayors. The Interdisciplinary Graduate School offers programmes in areas within the university’s Peaks of Excellence, such as sustainability, healthcare and new media.

Some Graduate Programmes with Overseas Partners

• **Joint PhD** – with Ben-Gurion University of the Negev, Hebrew University of Jerusalem, Imperial College London, Institut polytechnique de Grenoble, Karolinska Institutet, Loughborough University, Medical University of Vienna, Norwegian University of Science and Technology, Paris Institute of Technology, Technion-Israel Institute of Technology, Technische Universität Darmstadt, Technische Universität Graz, Technische Universität München, University of Liverpool, University of Natural Resources and Life Sciences, Vienna, University of New South Wales, University of Southampton, Université de Technologie de Troyes, University of Vienna and University of Warwick

• **Dual PhD** – with Carnegie Mellon University and Columbia University

• **Doctor in Education** – with University of London

• **Double MBA** – with ESSEC Business School and University of St Gallen

• **Double MBA in Management of Technology** – with Waseda University
• Double Masters Programme (Asian Studies/International Political Economy/International Relations/Strategic Studies) – with Warwick University

• Dual Masters Programme (MSc in Systems and Project Management and Master of Engineering in Systems Engineering) – with Stevens Institute of Technology

• Executive MBA (English) in Advanced Management – with Haas School of Business, University of California, Berkeley

• Executive MBA (Shanghai) – with Shanghai Jiao Tong University

• Nanyang Fellows MBA Programme – with MIT Sloan School of Management and Wharton School of the University of Pennsylvania

• MSc (Technopreneurship & Innovation) (English) – with University of Washington

• Master of Management in Hospitality – with Cornell University’s School of Hotel Administration

• MSc in Aerospace Engineering/Integrated Circuit Design/Microelectronics – with Technische Universität München

• MSc in Communications Engineering/Computer Control & Automation/Electronics/Power Engineering/Signal Processing – with Wuhan University

• MSc in Financial Engineering – with Carnegie Mellon University

• MSc in Maritime Studies – with BI Norwegian Business School
NTU offers professional development courses, regional executive programmes and tailored training programmes for corporate clients through its Centre for Continuing Education (CCE). Executive classes are conducted at the university’s one-north campus and at the Nanyang Executive Centre, a modern on-campus facility with 50 conference facilities and 170 guestrooms.

Besides the programmes offered by CCE, customised executive training programmes are also conducted by the Nanyang Business School, College of Engineering, College of Humanities, Arts, and Social Sciences, Centre for Excellence in Learning and Teaching, and Confucius Institute. 257 programmes were conducted in AY2010-11, and 301 programmes in AY2011-12. These programmes attracted approximately 8,100 and 8,600 participants respectively.
Admissions
NTU welcomes applications from qualified individuals all over the world. Please visit
http://admissions.ntu.edu.sg
for admission details and contacts.

Enrolment by College (AY2012–13)

<table>
<thead>
<tr>
<th>College</th>
<th>Under-graduates²</th>
<th>Graduate Students²</th>
<th>Graduate Diploma²</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td>Coursework</td>
<td>Research</td>
</tr>
<tr>
<td>Engineering</td>
<td>10,563</td>
<td>1,275</td>
<td>2,329</td>
</tr>
<tr>
<td>Science</td>
<td>3,745</td>
<td>-</td>
<td>681</td>
</tr>
<tr>
<td>Nanyang Business School</td>
<td>3,614</td>
<td>522</td>
<td>90</td>
</tr>
<tr>
<td>Humanities, Arts and Social Sciences</td>
<td>4,029</td>
<td>567</td>
<td>212</td>
</tr>
<tr>
<td>NIE</td>
<td>1,567</td>
<td>1,518</td>
<td>296</td>
</tr>
<tr>
<td>Others¹</td>
<td>-</td>
<td>316</td>
<td>108</td>
</tr>
<tr>
<td>Total</td>
<td>23,518</td>
<td>4,198</td>
<td>3,716</td>
</tr>
</tbody>
</table>

¹ Others include the Interdisciplinary Graduate School, Nanyang Technopreneurship Centre and S Rajaratnam School of International Studies.

² There are 656 part-time undergraduates and 29 part-time graduate diploma students. A total of 807 graduate research students and 2,500 coursework students take part-time programmes.
Graduates from 2008 to 2012

<table>
<thead>
<tr>
<th>Graduated Year</th>
<th>Total</th>
<th>Bachelor</th>
<th>Higher Degree</th>
</tr>
</thead>
<tbody>
<tr>
<td>2008</td>
<td>4,912</td>
<td>2,432</td>
<td>2,480</td>
</tr>
<tr>
<td>2009</td>
<td>5,162</td>
<td>2,846</td>
<td>2,316</td>
</tr>
<tr>
<td>2010</td>
<td>5,502</td>
<td>3,072</td>
<td>2,430</td>
</tr>
<tr>
<td>2011</td>
<td>5,786</td>
<td>3,052</td>
<td>2,734</td>
</tr>
<tr>
<td>2012</td>
<td>5,916</td>
<td>2,928</td>
<td>2,988</td>
</tr>
</tbody>
</table>

Student Life
About 120 student clubs and organisations on campus

Student Services
- Psychological and professional counselling
- Career services
- Services for international students
- Sports and recreation
- Student clubs and communities
- Health care
- Medical and insurance schemes
- Internal shuttle bus services

More information on these student services can be found at:
http://www.ntu.edu.sg/students
http://www.ntu.edu.sg/isc (services for international students)
Recent Achievements

• Winner, ACM SIGPATIAL Cup (2012)

• First place, Best Navigational Flight Design and Best Fundamental Design (Motor) categories, Taiwan Unmanned Aircraft Design Competition (2012)

• Silver, Battery Electric and Diesel Fuel categories, and Off-Track Award for Safety, Shell Eco-marathon Asia (2012)

• Singapore-Netherlands Sustainability Award, Holland Water Challenge (2012)

• Young Scientist Award, 9th World Biomaterials Congress (2012)

• L’Oréal Brandstorm Global Champion (2011)

• Winner, McGill Management International Case Competition (2011)

• Champion, Bain & Company Case Challenge (2011)

• Champion, Diesel Fuel category, Shell Eco-marathon Asia (2011)

• Red Dot Design Concept Award (2011)
NTU has a total faculty and staff population of 6,839.

### Employee Profile

- **Support Staff**: 1,773 (26%)
- **Faculty**: 1,672 (24%)
- **Management Staff**: 1,061 (16%)
- **Research Staff**: 2,333 (34%)
- **Others**: 188 (11%)
- **Visiting**: 114 (7%)
- **Lecturer**: 185 (11%)

### Faculty Profile

- **Associate Professor**: 536 (32%)
- **Professor**: 157 (9%)
- **Assistant Professor**: 492 (30%)
- **Others**: 283 (17%)
- **Visiting**: 114 (7%)
- **Lecturer**: 185 (11%)

*Figures exclude adjunct faculty.*
• 179,823 university alumni across 127 countries

• 43 overseas alumni associations: China (Anhui, Beijing, Chongqing, Fujian, Gansu, Guangdong, Guangxi, Guizhou, Hainan, Hebei, Heilongjiang, Henan, Hong Kong SAR, Hubei, Hunan, Inner Mongolia, Jiangsu, Jiangxi, Jilin, Liaoning, Ningxia-Qinghai-Xizang, Shaanxi, Shandong, Shanghai, Shanxi, Sichuan, Tianjin, Xinjiang, Yunnan and Zhejiang), India (Northern, Central and Southern), Indonesia, Malaysia, Thailand, Vietnam (Hanoi and Ho Chi Minh City), the United Kingdom, Taiwan, Europe and the United States (East and West)

• 87% of the Class of 2013 made a graduation gift to the university for future generations of students
The Yunnan Garden campus is located in the southwestern part of Singapore near the Jurong West Extension area. This campus is easily accessible by the Pan-Island Expressway (PIE). It is also near the Boon Lay Bus Interchange and the Boon Lay and Pioneer Mass Rapid Transit (MRT) stations.

NTU's second campus is right next to the Biopolis, Singapore's biomedical research hub, in one-north. Its third campus is in Novena, a prime medical district in central Singapore.
“Lyon the lion” symbolises the university’s values of strength, courage and fearlessness. As the embodiment of the NTU spirit, it not only brings the university community together, but also inspires student teams to give their best performance at inter-varsity and other competitions. Designed by an NTU student, it made its debut in August 2013.

Dendrobium Nanyang is a pristine white orchid with a burst of purple at the heart of the bloom, signifying pure energy and a caring heart. The hybrid was created by students and teachers of Temasek Primary School as part of an orchid hybridisation programme developed at NTU’s National Institute of Education. The exquisite white petals represent the qualities that embody the university spirit – passion, tenacity, fortitude, leadership, innovation and entrepreneurship.