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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

• Singapore’s leading science and technology university with a reputation for innovation
• At the confluence of Asian culture and modern technology
• In the top 1% of the world’s universities (among the world’s top 100 universities)*
• Four colleges with 12 schools and three autonomous institutes
• Strong tradition of interdisciplinary research
• Won S$169.6m in competitive research grants in FY2008/9
• Largest residential campus in Singapore, spread over 200 hectares, with 16 halls of residence and 8 new halls being built
• New graduate school and alumni clubhouse at one-north, Singapore’s science and tech hub
• Fastest supercomputer in ASEAN
• Joint PhD programmes with Imperial College London, Technische Universität München and Karolinska Institutet
• Internationally-recognised faculty
• 23,043 undergraduates and 10,044 graduate students from 73 countries
• 3,094 faculty and research staff from 67 countries
• 131,671 alumni

*Times Higher Education-Quacquarelli Symonds (QS) World University Rankings 2009
History
Nanyang Technological University (NTU) has roots that go back to 1955 when Nanyang University, the first Chinese-medium university outside China, was set up. Today, NTU infuses Asian culture and insights into research in science and technology, bridging the best of the East and West as a multicultural research university, teaching primarily in English.

A Rich Heritage: National Monuments on Campus
Gazetted as a national monument in 1998 and now housing the Chinese Heritage Centre, the beautifully restored former Nanyang University Administration Building, with a distinct oriental character, overlooks the historical Yunnan Garden.

The Nanyang University Memorial and original Nanyang University Arch were also declared national monuments of Singapore in 1998. The NTU Art & Heritage Museum is an approved public museum under the National Heritage Board’s Approved Museum Scheme; benefactors who donate artworks and artefacts to NTU enjoy double tax deductions.
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, a network of the world’s 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
Governance
The 20-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 Provost, Senior Associate Provost, Associate Provosts, Secretary to the University, Director (National Institute of Education), Deans, Chairs, and directors of administrative departments/institutes.

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

Colleges
College of Engineering
One of the largest engineering colleges in the world with six schools focused on technology and innovation; research output among the top four in the world

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)
The first and only Singapore business school to be ranked in the top 25 of the Financial Times Global MBA 2009 rankings; one of only three in Asia to be awarded both the EQUIS (European Quality Improvement System) and AACSB (Association to Advance Collegiate Schools of Business) accreditations

College of Humanities, Arts, & Social Sciences
Home to the Wee Kim Wee School of Communication and Information, a top journalism and media school in Asia; a fast-growing humanities and social sciences school with distinctive niches of excellence; 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
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 studies and security research; 3rd in the 2009 Global “Go-To Think Tanks” Asian rankings

Earth Observatory of Singapore
Established in 2008 with S$150m in state funding and dedicated to hazards-related earth science; a leading resource centre in understanding environmental threats

Home to Top Students, Faculty and Researchers
NTU develops leaders who are multidisciplinary and multicultural. The university:

- counts among its students top scholars and Olympiad medallists from the region and beyond
- has global academic leaders such as NTU Provost Prof Bertil Andersson, a Trustee of the Nobel Foundation and the former Chief Executive of the European Science Foundation; eminent geologist Prof Kerry Sieh from Caltech; renowned neotectonicist Prof Paul Tapponnier from the University of Paris; Prof Chris Newhall, formerly of the US Geological Survey; MIRALab founder Prof Nadia Thalmann from the University of Geneva; Prof Kang Jun-Koo, formerly Federal Credit Union Endowed
Chair in Financial Institutions and Investments at Michigan State University; Prof Par Nordlund from Karolinska Institutet; Prof Staffan Kjelleberg from the University of New South Wales; Prof Yehuda Cohen from Hebrew University of Jerusalem; and 1992 Chemistry Nobel laureate Prof Rudolph Marcus, the Arthur Amos Noyes Professor of Chemistry at California Institute of Technology

- regularly welcomes Nobel laureates and eminent academics brought in under its 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 through 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 US$1.5m over three years.
NTU is actively recruiting bright post-doctorates as well as PhD students from all over the world. PhD students are provided with generous scholarships such as the Nanyang President’s Graduate Scholarship, NTU Research Scholarship, Singapore International Graduate Award and sponsorships from various funding agencies and industry.

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 604 graduate students. Eight new halls are being built. All new undergraduates are guaranteed a place in a hall of residence.

About 38% of full-time undergraduates and 83% of international students 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 will be hosting the inaugural Youth Olympic Games in 2010.
• About 34% of NTU’s full-time student population and 65% of faculty and staff members call NTU home.
University Budget

Sources of Revenue for FY2008/9 (in S$m)

<table>
<thead>
<tr>
<th>Source</th>
<th>FY2008/9</th>
</tr>
</thead>
<tbody>
<tr>
<td>Tuition and other fees</td>
<td>202 (17%)</td>
</tr>
<tr>
<td>Grants from ministries</td>
<td>690 (59%)</td>
</tr>
<tr>
<td>Research grants</td>
<td>129 (11%)</td>
</tr>
<tr>
<td>Other income</td>
<td>152 (13%)</td>
</tr>
<tr>
<td>Total</td>
<td>1,173</td>
</tr>
</tbody>
</table>

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

Total Revenue for FY2004/5-FY2008/9 (in S$m)

<table>
<thead>
<tr>
<th>Fiscal Year</th>
<th>Total Revenue</th>
</tr>
</thead>
<tbody>
<tr>
<td>FY2004/5</td>
<td>842</td>
</tr>
<tr>
<td>FY2005/6</td>
<td>962</td>
</tr>
<tr>
<td>FY2006/7</td>
<td>1,084</td>
</tr>
<tr>
<td>FY2007/8</td>
<td>1,042</td>
</tr>
<tr>
<td>FY2008/9</td>
<td>1,173</td>
</tr>
</tbody>
</table>

Academic Year

**Semester 1**: August-December

**Semester 2**: January-May

**Special Terms**: May-July
World-class Research

Research is carried out within and across the colleges and institutes, including more than 70 research centres, and often through strategic partnership programmes. This sustained interdisciplinary effort has resulted in many scientific breakthroughs and headlining technologies.

As the main science and technology university in Singapore, NTU makes significant contributions to the nation’s renewed drive for research and innovation spearheaded by the Singapore National Research Foundation (NRF). This national effort involves a five-year investment in biomedical sciences, environmental and water technologies, and interactive and digital media – areas NTU is strong in.

University-wide, there is a focus on developing peaks of excellence in sustainability, new media, future healthcare, “New Silk Road” and “Innovation Asia”.

**Key Research Initiatives**

- Earth Observatory of Singapore
- Nanyang Environment & Water Research Institute
- Institute for Media Innovation
- Energy Research Institute@NTU
Funding Success

NTU’s progressive research drive has been affirmed by a winning record in securing competitive research funding and grants.

From April 2005 to March 2009, NTU won a total of S$568.2m in competitive research funding. A major highlight in 2008 was the award of the Research Centre of Excellence for the Earth Observatory of Singapore (EOS) to NTU, under which the Ministry of Education and the NRF have committed S$150m to develop. EOS investigates seismology and earthquake risk, volcanology and the regional impact of climate change.

In the field of Interactive and Digital Media (IDM), NTU has won four out of five NRF grants for IDM proposals in education, as well as received 10 out of 13 NRF awards for IDM R&D. In 2009, NTU also won three out of six grants worth up to S$10m each, awarded under the NRF Competitive Research Programme Funding Scheme’s fourth call for grants.
# Some of Our International Partners

## Asia-Pacific
- Indian Institute of Technology Bombay
- Peking University
- Shanghai Jiao Tong University
- Tokyo Institute of Technology
- University of New South Wales
- Waseda University

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

## North America
- California Institute of Technology
- Carnegie Mellon University
- Cornell University
- Georgia Institute of Technology
- Massachusetts Institute of Technology
- Stanford University
- University of California, Berkeley
Breakdown of S$169.6m Competitive Research Grants Awarded (FY2008/9)

MOE AcRF:
The MOE Academic Research Fund (AcRF) Tier 2 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 (CRP):
The Competitive Research Programme (CRP) Funding Scheme complements the existing Strategic Research Programmes that have been identified top-down, by funding a broad base of research ideas, through a competitive bottom-up approach.

RCE:
Research Centres of Excellence (RCEs) are long-term investments, involving careful selection of world-class talent and aimed at developing a virtuous cycle of research excellence in our universities. The NRF and the Ministry of Education (MOE) will co-fund the establishment of a selected number of RCEs.

*Excludes S$150m for the Earth Observatory of Singapore, a Research Centre of Excellence
Graduate Education

Graduate Research Students / Faculty Ratio

Graduate Research Students

1.70

1,793

AY04–05

2,060

AY05–06

2,518

AY06–07

1,809

AY07–08

2.00

AY08–09

2.10

2.20

2.30

2.40

2.50

300

600

900

1,200

1,500

1,800

2,100

2,400

2,700

Graduate Research Students

Graduate Research Students / Faculty Ratio
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
- Earth Sciences
- Clean Energy
- Water Technology
- Environmental Engineering
- Infocommunications Technology
- Biomedical Engineering
- Structural Biology
- Interactive and Digital Media
- Chinese Culture and Language
- Nanotechnology and Nanoscience
- Microelectronics
- Human Language Processing
- Financial Engineering and Risk Management
- Security
- Research and Pedagogy in Education

Major Industrial Research Partners
- Centre National de la Recherche Scientifique
- Infineon
- Nitto Denko Corporation
- Robert Bosch*
- Rolls-Royce*
- Sembcorp Industries
- Siemens Pte Ltd
- ST Kinetics
- Thales*
- Toray Industries Inc*

*with laboratories/centres at NTU
Research Revenue

<table>
<thead>
<tr>
<th>FY2004/5</th>
<th>FY2005/6</th>
<th>FY2006/7</th>
<th>FY2007/8</th>
<th>FY2008/9</th>
</tr>
</thead>
<tbody>
<tr>
<td>82.5</td>
<td>82.3</td>
<td>107.0</td>
<td>134.0</td>
<td>153.7</td>
</tr>
<tr>
<td>3.2</td>
<td>3.4</td>
<td>4.1</td>
<td>31.5</td>
<td></td>
</tr>
<tr>
<td>85.7</td>
<td>85.2</td>
<td>103.6</td>
<td></td>
<td>122.2</td>
</tr>
</tbody>
</table>

- **Government/Statutory Boards**
- **Industries and others**
- **Total Research Revenue**
The first Antenna-in-Package solution used in Low Temperature Co-fired Ceramic technology for producing single-chip, 60 GHz radios.

A revolutionary Assisted Celluloid Animation software (CACAni) that automates the labour-intensive process of creating animation sequences.

A compound originally developed to kill cancer cells that can be used against malaria, paving the way for the development of the first malaria vaccine.

More accurate regional earthquake and tsunami forecasts based on the leading-edge study of corals off Sumatra, Indonesia.

An energy-efficient compressor for heating and cooling systems with design features that promise significant fuel savings.

A new, environmentally-friendly super chip that consumes 30 times less energy and runs seven times faster than current technologies.

A nanotechnology application for membrane filtration that eliminates micro-organisms and does not produce waste during water purification.

Singapore’s first Global Positioning System (GPS) film and software, for new ways of watching movies on the go.

Comprehensive analysis of the interactions between religion and technology in Asia today, elucidating the complex relationships between spirituality, social and identity formation, sovereignty and power.

MobiTOP, a system for use on the Web and mobile phone that supports social tagging of objects and people in education and tourism applications.
An NTU education is broad and includes residential living, international experience and an early immersion in business and industry. NTU offers 34 single bachelor's degree programmes. Students can also elect to pursue one of 14 double degree programmes.

The key components of The NTU Undergraduate Experience include:

Undergraduate Research Experience on CAmpus (URECA)
For students with a passion for research; gives access to more than 1,200 projects campus-wide.

CN Yang Scholars Programme
Prepares science and engineering talents for top graduate schools.

iGlobal
An integral part of the complete educational experience at NTU that provides a series of global programmes for undergraduates to "get ahead" by venturing overseas for a semester or two. iGlobal includes:

- **Global Immersion Programme (GIP)**
  Covers 28 destinations in eight countries. Students study and work for up to a year in some of the world’s most dynamic economies.
• **International Student Exchange Programme (INSTEP)**
  A direct student exchange programme conducted with 150 partner universities in more than 30 countries. Students can spend up to a year overseas.

• **Global Summer Studies (GSS)**
  A short-term study-and-play programme that lets students make the most of their university vacations.

• **Global Discovery Programme (GDP)**
  A four-week study-and-visit programme that aims to give students a broad understanding of emerging economies such as Vietnam, India and the Middle East.

• **Overseas Attachment**
  International work experience that widens students’ perspective of the working world and enhances their employability and career mobility.

A total of 1,252 students participated in GIP/GDP/GSS/INSTEP in AY2008-09. More information about these programmes can be found at: [http://global.ntu.edu.sg](http://global.ntu.edu.sg)

A range of assistance schemes is available to help students defray the cost of their overseas education.

“NTU nurtures entrepreneurial, tech-savvy leaders through a holistic education that emphasises academic discipline and strength of character.”

– NTU President Dr Su Guaning
NTU has gained international prominence for its graduate programmes, fuelled in part by the many high-profile courses and institutes it has co-established with the world’s best universities and organisations. Besides being the first university in the world to start a joint doctoral programme with Imperial College London, NTU has been engaging China since the 1990s and now conducts six Master’s programmes for Chinese government officials, including vice-mayors. International students make up 64% of the PhD student population.

Some Graduate Programmes with Overseas Partners
- Joint PhD – with Imperial College London, Technische Universität München and Karolinska Institutet
- 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 in Shipping, Offshore and Finance – with BI Norwegian School of Management
- Executive MBA (Shanghai) – with Shanghai Jiao Tong University
- MBA (Nanyang Fellows), MSc in Advanced Materials for Micro and Nano Systems, MSc in Chemical and Pharmaceutical Engineering, MSc in Manufacturing Systems & Technology, MSc in Computation and Systems Biology and MSc in Computational Engineering (under Singapore-MIT Alliance) – with Massachusetts Institute of Technology
- Master of Arts (Interactive Design) – with Domus Academy
- 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/Power Engineering/Signal Processing – with Wuhan University
- MSc in Environmental Science & Engineering – with Stanford University
- MSc in Financial Engineering – with Carnegie Mellon University
- MSc in Infrastructure Engineering & Management – with Indian Institute of Technology Bombay
- MSc in Maritime Studies – with BI Norwegian School of Management
<table>
<thead>
<tr>
<th>College/ School/ Institute</th>
<th>Undergraduate Programmes</th>
<th>Graduate Programmes by Research</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Engineering</strong></td>
<td><strong>Engr and Econs</strong></td>
<td></td>
</tr>
<tr>
<td>School of Chemical &amp; Biomedical Engineering</td>
<td>Bioengineering/ Chemical and Biomolecular Engr</td>
<td>Master of Engr/ PhD (Bioengineering/ Chemical &amp; Biomolecular Engr) / Joint PhD with Imperial College London</td>
</tr>
<tr>
<td>School of Civil &amp; Environmental Engineering</td>
<td>Civil Engr/ Environmental Engr/ Maritime Studies</td>
<td>Master of Engr/ PhD</td>
</tr>
<tr>
<td>School of Computer Engineering</td>
<td>*Business and Computing/ Computer Engr/ Computer Science</td>
<td>Master of Engr/ PhD</td>
</tr>
<tr>
<td>School of Electrical &amp; Electronic Engineering</td>
<td>Electrical and Electronic Engr/ Information Engr and Media</td>
<td>Master of Engr/ PhD</td>
</tr>
<tr>
<td>School of Materials Science &amp; Engineering</td>
<td>Materials Engr</td>
<td>Master of Engr/ PhD</td>
</tr>
<tr>
<td>School of Mechanical &amp; Aerospace Engineering</td>
<td>Aerospace Engr/ Mechanical Engr</td>
<td>Master of Engr/ PhD</td>
</tr>
</tbody>
</table>

*Double Degree Programme. Students graduate with 2 Bachelor’s degrees.*

*The Bachelor of Engineering degree awarded will be in the specific Engineering programme.*
Graduate Programmes by Coursework & Dissertation

MSc (Civil Engr/ Environmental Engr/ ^Environmental Science & Engr/ ^Infrastructure Engr & Management/ Intl Construction Management/ ^Maritime Studies)/ Graduate Diploma (Airport Engr/ Construction Management)

MSc (Bioinformatics/ Digital Media Technology/ Embedded Systems/ ~Information Systems)

MSc (Communication Software & Networks/ Communications Engr/ Computer Control & Automation/ Electronics/ ^Integrated Circuit Design/ ^Microelectronics/ Power Engr/ Signal Processing)/ Graduate Diploma in Information-Communication Technology/ **MSc (Communications Engr/ Power Engr/ Signal Processing)

MSc (^Aerospace Engineering/ Biomedical Engr/ Computer Integrated Manufacturing/ Human Factors Engr/ Logistics/ Mechanical Engr/ Precision Engr/ Smart Product Design/ System & Project Management)

^Joint programme with overseas university.

** Joint education MOU with Wuhan University.

~Programme is a collaboration between School of Computer Engineering and Wee Kim Wee School of Communication & Information.
<table>
<thead>
<tr>
<th>College/ School/ Institute</th>
<th>Undergraduate Programmes</th>
<th>Graduate Programmes by Research</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Science</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td>School of Biological Sciences</td>
<td>Biological Sciences/ *Biomedical Sciences and Chinese Medicine</td>
<td>Master of Science/ PhD/ Joint PhD with Karolinska Institutet</td>
</tr>
<tr>
<td>School of Physical &amp; Mathematical Sciences</td>
<td>Chemistry and Biological Chemistry/ Mathematics and Economics/ Mathematical Sciences/ Physics/ Applied Physics</td>
<td>Master of Science/ PhD</td>
</tr>
<tr>
<td>Sport Science and Management</td>
<td>-</td>
<td></td>
</tr>
<tr>
<td><strong>Business</strong></td>
<td>*Accountancy and Business/ Accountancy/ Business</td>
<td>PhD/ ^PhD (Hospitality Management)</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

*Double Degree Programme. Students graduate with 2 Bachelor’s degrees.*

^Joint programme with overseas university.

^Programme is conducted in Chinese.

^Award of degree is by SJTU (Shanghai Jiao Tong University) and not NTU.
Graduate Programmes by Coursework & Dissertation

-  

-  

-  

^EMBA (Chinese)/ ^EMBA (English)/ ^MBA-Nanyang Fellows Programme/ NTU-Waseda Double MBA in Management of Technology/ ^SJTU-MBA/ Nanyang MBA (General MBA or Specialised in Accountancy/ Finance/ Intl Business/ Intl Studies/ Knowledge Management/ Strategy/ Marketing/ Technology)/ ^Master of Management in Hospitality/ ^MSc (Finance)/ ^MSc (Financial Engineering)
<table>
<thead>
<tr>
<th>College/ School/ Institute</th>
<th>Undergraduate Programmes</th>
<th>Graduate Programmes by Research</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Humanities, Arts &amp; Social Sciences</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td>School of Art, Design &amp; Media</td>
<td>Digital Animation/ Digital Filmmaking/ Interactive Media/ Photography and Digital Imaging/ Product Design/ Visual Communication</td>
<td>-</td>
</tr>
<tr>
<td>School of Humanities &amp; Social Sciences</td>
<td>*Chinese/ Economics/ English/ Linguistics and Multilingual Studies/ Psychology/ Sociology</td>
<td>Master of Arts/ PhD</td>
</tr>
<tr>
<td>Wee Kim Wee School of Communication &amp; Information</td>
<td>Communication Studies</td>
<td>Master of Applied Science/ Master of Communication Studies/ PhD</td>
</tr>
<tr>
<td>National Institute of Education</td>
<td>Arts (Education)/ Science (Education)/ Education</td>
<td>Master of Arts/ Master of Science/ ^Doctor in Education/ PhD</td>
</tr>
</tbody>
</table>

^ Joint programme with overseas university.

*Programme is conducted in Chinese.

~Programme is a collaboration between School of Computer Engineering and Wee Kim Wee School of Communication & Information.
Graduate Programmes by Coursework & Dissertation

^Master of Arts (Interactive Design)

*Master of Public Administration/ MA (Contemporary China)/
*MSc (Managerial Economics)/ Graduate Diploma in Translation & Interpretation

Master of Mass Communication/ MSc (Information Studies/ Information Systems/ Knowledge Management)/ Graduate Diploma in Mass Communication

Master of Arts (Applied Linguistics/ Applied Psychology/ Counselling & Guidance/ Educational Management/ Instructional Design & Technology/ Social Studies)/
Master of Education/ *Master in Educational Administration/
MSc (Exercise and Sport Studies/ Life Sciences/ Mathematics for Educators)/ Postgraduate Diploma in Education
<table>
<thead>
<tr>
<th>College/School/Institute</th>
<th>Undergraduate Programmes</th>
<th>Graduate Programmes by Research</th>
</tr>
</thead>
<tbody>
<tr>
<td>S Rajaratnam School of International Studies</td>
<td>-</td>
<td>PhD</td>
</tr>
<tr>
<td>Nanyang Technopreneurship Centre</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td>Singapore-MIT Alliance (SMA)</td>
<td>-</td>
<td>^PhD with MIT Masters/ ^PhD with SMA Cert</td>
</tr>
</tbody>
</table>

^Joint programme with overseas university.

^Programme is conducted in Chinese.

*Double Degree Programme. Students graduate with 2 Master’s degrees.
### Graduate Programmes by Coursework & Dissertation

<table>
<thead>
<tr>
<th>Programme</th>
</tr>
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<tbody>
<tr>
<td>MSc (Strategic Studies with Certification in Terrorism Studies option)/ MSc (Asian Studies/ Intl Political Economy/ Intl Relations)/ The Nanyang MBA (Intl Studies - <em>jointly offered with Nanyang Business School</em>)/ <em>MSc (Asian Studies/ Intl Political Economy/ Intl Relations/ Strategic Studies)</em></td>
</tr>
<tr>
<td>MSc (Technopreneurship &amp; Innovation)/ <em>MSc (Technopreneurship &amp; Innovation)</em></td>
</tr>
<tr>
<td>^NTU MSc (Manufacturing Systems and Technology) &amp; MIT Master of Engineering in Manufacturing</td>
</tr>
</tbody>
</table>
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 & Social Sciences, Centre for Educational Development and Confucius Institute. 240 programmes were conducted in AY2007-08, and 294 programmes in AY2008-09. These programmes attracted approximately 5,100 and 5,200 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.

AY2009-10 Local vs International Undergraduate Enrolment
AY2009-10 Local vs International Graduate Student (Coursework & Research) Enrolment

Local: 4,651 (55%)
International: 3,735 (45%)

AY2009-10 Local vs International Graduate Diploma Enrolment

Local: 1,547 (93%)
International: 111 (7%)
Enrolment by College (AY2009-10)

<table>
<thead>
<tr>
<th>College</th>
<th>Undergraduates(^2)</th>
<th>Graduate Students(^2)</th>
<th>Graduate Diploma(^2)</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td>Coursework</td>
<td>Research</td>
</tr>
<tr>
<td>Engineering</td>
<td>10,946</td>
<td>1,916</td>
<td>2,059</td>
</tr>
<tr>
<td>Science</td>
<td>3,591</td>
<td>-</td>
<td>492</td>
</tr>
<tr>
<td>Nanyang Business School</td>
<td>3,172</td>
<td>624</td>
<td>60</td>
</tr>
<tr>
<td>Humanities, Arts &amp; Social Sciences</td>
<td>3,599</td>
<td>716</td>
<td>117</td>
</tr>
<tr>
<td>NIE</td>
<td>1,735</td>
<td>1,842</td>
<td>289</td>
</tr>
<tr>
<td>Others(^1)</td>
<td>-</td>
<td>257</td>
<td>14</td>
</tr>
<tr>
<td>Total</td>
<td>23,043</td>
<td>5,355</td>
<td>3,031</td>
</tr>
</tbody>
</table>

\(^1\) Others include the Nanyang Technopreneurship Centre and S Rajaratnam School of International Studies.

\(^2\) There are 593 part-time undergraduates and 46 part-time graduate diploma students. A total of 724 graduate research students and 3,282 coursework students take part-time programmes.

Figures are correct as at 7 Sep 09.
Graduates from 2005 to 2009

<table>
<thead>
<tr>
<th>Year</th>
<th>Bachelor</th>
<th>Higher Degree</th>
</tr>
</thead>
<tbody>
<tr>
<td>2005</td>
<td>2,041</td>
<td>4,153</td>
</tr>
<tr>
<td>2006</td>
<td>4,324</td>
<td>6,512</td>
</tr>
<tr>
<td>2007</td>
<td>4,931</td>
<td>7,340</td>
</tr>
<tr>
<td>2008</td>
<td>4,912</td>
<td>7,344</td>
</tr>
<tr>
<td>2009</td>
<td>5,159</td>
<td>8,005</td>
</tr>
</tbody>
</table>

Student Life
108 student clubs and organisations on campus

Student Services
- Psychological and professional counselling
- Career services
- International student services
- Sports and recreation
• Student clubs and communities
• Health care
• Medical and insurance schemes
• Internal shuttle bus service

More information on the above student services can be found at http://www.ntu.edu.sg/sao

Recent Achievements
• Second prize, Safety Award category, Shell Eco-marathon in Germany (2009)
• L’Oréal Brandstorm National Champion (2009)
• Ministry of Trade & Industry Economist Service Best Thesis Prize (2009)
• President’s Social Service Award, conferred by the President of the Republic of Singapore (2008)
• First prize in the Present Around the World Competition in London (2008)
NTU has a total faculty and staff population of 5,546.

FACULTY
AND STAFF

Employee Profile

- Faculty 1,635 (30%)
- Support Staff 1,688 (30%)
- Research Staff 1,459 (26%)
- Management Staff 764 (14%)
- Others 109 (2%)
- Lecturer 160 (10%)
- Associate Professor 562 (34%)
- Assistant Professor 545 (33%)
- Visiting 109 (2%)
- Professor 127 (6%)
- Others 109 (2%)

Figures are as at 30 Sep 09 and exclude adjunct faculty.
• 131,671 university alumni in 111 countries

• 21 overseas alumni associations in China (Beijing, Chongqing, Fujian, Guangdong, Hubei, Hunan, Jiangsu, Jilin, Liaoning, Shandong, Shanghai, Sichuan, Yunnan, Zhejiang, Hong Kong), India, Indonesia, Thailand, Vietnam and the United Kingdom
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.

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 Mass Rapid Transit (MRT) station.

NTU’s second campus is right next to the Biopolis, Singapore’s biomedical research hub, in one-north.
In August 2010, NTU will extend a warm welcome to more than 3,500 international athletes and 900 officials as the Youth Olympic Village for the inaugural Youth Olympic Games. The National Institute of Education will serve as the central square, while athletes will be staying at halls of residence around the university. With its serene parkland surrounds, the Yunnan Garden campus has long been a place that encourages youthful talents to excel in the academic arena and beyond.