Kelvin is here to plan his future.
Welcome to Nanyang Technological University (NTU). I am glad that you are considering furthering your studies with us.

NTU has been the world’s top young university for four consecutive years, and is ranked 11th globally in the QS 2018 World University Rankings. Here, we have some of the finest minds in academia, including promising young scientists and academic heavyweights such as Nobel laureates and industry leaders. You will also be part of a vibrant community with like-minded students, world-class facilities and global networks that will challenge, inspire and support you, and shape your future.

One of our strengths lies in getting our students ready for the working world. In fact, nine in 10 of our graduates land a job within four months of their final exams, with many receiving multiple offers. On top of developing your multidisciplinary skills and knowledge, we will hone your teamwork, communication, intercultural, leadership and analytical skills, so that you can rise to the challenges of an increasingly diverse and globalised world.

Get a head start in your future career through our network of top overseas universities and industry partners. With our goal of having eight in 10 of our undergraduates going overseas at least once during their studies, you could find yourself spending a semester at a university in the US, UK, Sweden, Japan, South Korea and more. Or, you could do an internship with our industry partners such as Rolls-Royce and BMW.

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This is a great time to be joining NTU, as many exciting infrastructural projects will be ready when you enrol in the new academic year. Among them are three new halls of residence with dedicated spaces for you and your peers to innovate ideas, and the latest 20-storey Clinical Sciences Building (CSB) at our Novena Campus. CSB offers our medical students state-of-art learning spaces such as practical laboratories, consultation rooms and a simulated ward that enables them to practise their skills in a safe and realistic environment.

This year, we opened The Wave, our new eco-friendly sports hall, aptly named after its eye-catching curved roof. The Wave is the first large-scale building in the region using engineered wood from sustainable forests, and uses motion sensor lighting for higher energy savings. It houses a multi-purpose sports hall that can be configured for different uses to support three basketball/volleyball courts or 13 badminton courts at any one time. With this adding to NTU’s already comprehensive suite of sports facilities, NTU looks set to be a sports hub of the West.

NTU is where you can find the time, motivation and support to unlock your truest potential. I look forward to the opportunity to welcome you.
TOP 10 REASONS TO CHOOSE NTU

WORLDWIDE RECOGNITION
- Ranked 11th globally
- Ranked 1st Top Young University under 50 for four consecutive years

BE ICONIC
Top 15 Most Beautiful Campus in the world

GOOD CAREER PROSPECTS
9 in 10 graduates get a job within four months of completing their final exams

WORLDWIDE PARTNERSHIPS AND OPPORTUNITIES FOR GLOBAL EXPOSURE
8 in 10 undergraduates will go overseas at least once during their studies

EXPOSURE TO DIVERSE DISCIPLINES AND INTERDISCIPLINARY PROGRAMMES
Premier Scholars Programmes and direct Honours programmes for you to design your own curriculum

GUARANTEED HALL ACCOMMODATION
Residential living guaranteed for all freshmen for two years

NEW LEARNING FACILITIES
Flipped classrooms coupled with unique teaching pedagogy for interactive and team-based learning

PRESTIGIOUS SCHOLARSHIPS AND COMPREHENSIVE FINANCIAL AID
Scholarships and financial aid are readily available to meet your needs

CAREER BOOST
Research and internship opportunities with the likes of BMW and Rolls-Royce

VIBRANT CAMPUS AND STUDENT LIFE
Develop new skills, discover new interests and make new friends through the 130 over student clubs and societies
ENRICHING UNIVER-CITY LIFE

NTU is a beautiful and welcoming mini-city, where students can live, learn, play and grow in a fulfilling and vibrant campus environment. Here, university life extends beyond the classroom, presenting undergraduates with opportunities across diverse interests, as well as the chance to be a part of a dynamic community. Giving our students invaluable learning experiences and lifelong memories is at the heart of what we do.

CAMPUS LIFE

RESIDENTIAL EDUCATION
By 2018, we expect to have some 14,000 undergraduate students living on campus – that’s about half of the NTU student population!

NTU has a long and proud tradition in offering a distinctive residential life that goes back to 1988, when our first three Halls of Residence were built. We started Residential Education (RE) in 2014, offering undergraduates living on campus a dynamic and enriching experience called RE@NTU, through a host of programmes and workshops. Today, as part of our constant efforts to build a vibrant ecosystem, we provide a wealth of activities in three phases of transition, hosted by the halls of residences and available to all hall residents.

For more information, please visit http://www.ntu.edu.sg/re.

RESIDENTIAL COMMUNITY
NTU has a large residential community of undergraduate and graduate students living in 26 Halls of Residence.

• A wide variety of residential room types are available – single rooms with attached bathrooms, plus-sized single rooms, standard single rooms and twin-sharing rooms. Students can apply to live in air-conditioned and non-airconditioned rooms.

• A comprehensive range of exercise, recreation, meeting, study and social spaces – exercise gym, function hall, dance, music, recreation, meeting and reading room.

YOUR HOME AWAY FROM HOME
Enhance your university life in a campus that offers boundless possibilities, in the classroom and beyond.

• Build camaraderie and develop a sense of belonging with hall living

• Learn and grow in and outside of the classroom

• Immerse in a multicultural and diverse environment with many opportunities for personal development

• Utilise facilities such as the gym, music room and more

• Participate in year-round activities organised by the Junior Common Room Committee or Hall Council

See what it’s like to study, live and play at our new Nanyang Crescent Halls.

For more information, please visit http://www.ntu.edu.sg/re.
CLUBS AND COMMUNITIES
Engage with the NTU community and explore diverse interests through a variety of events and activities on campus.

- Choose from over 130 student organisations
  - Activities include representation in the Students’ Union, volunteering opportunities, sports, performing arts and specialised interests such as board games, 3D printing and robotics, photography, astronomy, and more!
- Join exciting campus activities and events such as:
  - Ministerial Forum and NTU Fest (Students’ Union)
  - Nanyang Arts Festival (Cultural Activities Club)
  - Challenge ur Limits (CurL) and Share & Care (Welfare Services Club)

COMMUNITY ENGAGEMENT
Here’s your chance to make a difference.

- Take part in outreach efforts such as:
  - Weekly volunteer programmes that serve the young, elderly, underprivileged and persons with special needs in areas such as the arts, education, environment and sports across Singapore
  - Collaborative overseas community projects in the ASEAN region and beyond
  - Volunteer 360 Experience (V360) provides opportunities to explore Singapore’s hidden communities
  - #THEFORGOODSESSIONS, a curated programme designed to engage and inspire students to make a difference in the community. Themes include Business For Good, Design For Good, Engineer For Good and Tech For Good.
- Training opportunities:
  - L.E.A.D. Workshop (Leading with Empathy, Adaptability and Drive), where students can hone their leadership and programme design skills to be the next changemakers in the community
  - Internships at non-profit organisations and social enterprises, supported by the Social Impact Internship Stipend.
- Social entrepreneurship ventures:
  - Student-led CO-OP Café and Merchandise Shop @ The Hive
  - CoLabGood Fund for Social Enterprises to support sustainable business ideas that create positive social impact

Find out more at http://www.ntu.edu.sg/sasad/communityengagement.

SPORTS AND RECREATION
Get fit the fun way with our facilities:

- Multipurpose sports halls for basketball, badminton and etc.
- Fitness gyms
- Activity rooms
- Teaching rooms

Outdoor
- Stadium with artificial turf and running track
- Multipurpose fields (artificial turf) for football, rugby, ultimate frisbee, and etc.
- Multipurpose outdoor courts for handball, martial arts, and etc.
- Outdoor basketball courts
- Street soccer court
- Archery range
- Cricket training net
- Tennis courts
- Squash courts

Aquatic Facilities
- Swimming pool
- Diving pool
- Wading pool

TRANSITION & ORIENTATION PROGRAMME – THE 1ST YEAR EXPERIENCE
We know that embarking on university life can be rather daunting. This is why we offer a host of orientation programmes to smoothen the transition. As a freshman, you can expect various activities to support you as you adapt to this new journey. Look out for the Freshmen Buddy, Academic Mentoring & Advising and Pastoral Care & Student Counselling programmes.

Make new friends at the Freshmen Buddy Programme
Become support and guidance through pastoral care and student counselling
Get a headstart on shaping your future career
Build new connections through student and community activities

Find out more at http://www.ntu.edu.sg/sasad/communityengagement.
THE NORTH SPINE PLAZA

One of NTU’s most popular hangout spaces, here’s where students can satiate their tastebuds, indulge in retail therapy, access banking or postal services, groom their hair, seek travel advice for overseas attachments, find printing, photocopying and laminating services, and more.

Recreation activities are aplenty here. You can enjoy free weekly movies at The Wall or indoor theatre, or watch weekly performances by our talented students and staff during lunchtime. Other highlights include roadshows at Canopy Stage and the Marketplace.

CHILL-OUT SPACES

The best places to relax after long lectures or intense project discussions.

- Student Activities Centre (SAC)
  - Chill out and engage in project discussions in the study zone and meeting rooms
  - Gather with friends for video games, snooker or table tennis

STUDENT SUPPORT SERVICES

At One Stop @ SAC, NTU’s student services helpdesk, you can seek advice on matters, from admissions to payments, all under one roof. Most NTU services are now also available online and accessible 24/7.

ADMINISTRATIVE SUPPORT

- One Stop @ SAC: For matters that require personal attention
- Self-service kiosks at various locations within NTU for added convenience
- SMS alert system so you can run errands as you wait for your turn
- 24/7 NTU online support services for round-the-clock convenience

Counter Operating Hours

<table>
<thead>
<tr>
<th>Day</th>
<th>Opening Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>Monday to Thursday</td>
<td>0830 - 1700 hrs</td>
</tr>
<tr>
<td>Friday</td>
<td>0830 - 1645 hrs</td>
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<tr>
<td>Eve of major PH</td>
<td>0830 - 1200 hrs</td>
</tr>
<tr>
<td>Sat, Sun and PH</td>
<td>Closed</td>
</tr>
</tbody>
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Visit https://ossac wis.ntu.edu.sg to find out more.

HEALTH AND WELLNESS

At NTU, we believe in the importance of enriching minds while enhancing health. Our one-stop health services centre comprises a medical clinic, dental clinic and well-being centre, catering to the students’ health and wellness needs. The centre is easily accessible on foot and by campus shuttle bus.

Dental services are available at the one-stop health services centre

With a wide range of food options available, choices need to be made
LIBRARY
Access a wealth of e-resources from anywhere using your NTU network account or drop by the various campus libraries to use the facilities and services.

The libraries can support you in your academic journey if you are looking for:
- Assigned class reading and e-text books
- Information resources for your essays, projects and research
- Study spaces for individual study or collaborative work spaces for groups

You can also find materials and services to expand your interests, such as creating blogsites and e-portfolios, curating your own exhibitions and many more. There are also opportunities to share and expand knowledge or utilise the variety of collaborative spaces to innovate ideas.

HIGHLIGHTS OF RESOURCES & SERVICES
- Instant online access to digital resources such as e-books and journal articles
- Advisory and consultation services from librarians
- Instructional services to help evaluate and use information
- Events and exhibitions to showcase projects

NTU LIBRARIES
- Lee Wee Nam Library
- Art, Design and Media Library
- Business Library
- Chinese Library
- Communication and Information Library
- Humanities and Social Sciences Library
- Library Outpost
- Wang Gungwu Library

OTHER LIBRARIES
- National Institute of Education Library
- Lee Kong Chian School of Medicine Library (Novena Campus)
- S. Rajaratnam School of International Studies Library

Find out more at www.ntu.edu.sg/library.

IT SERVICES
Each student is given an email account and generous collaboration storage space. They can purchase laptops and smart devices at competitive prices. They are able to access high-performance computing facilities, including that of National Supercomputing Centre Singapore (NSCC) for research and project work purposes.

These learning systems and services include:
- NTU – A one-stop gateway for students to connect with the University’s community, e-resources and e-services.
- i-NTULearn – A learning ecosystem that makes learning more engaging both within and beyond the classroom.
- Turnitin – A plagiarism checker that improves academic writing skills.
- Learning Activity Management System (LAMS) – A learning activities platform that fosters peer learning, collaboration and reinforcement of concepts.
- Learner Response System – A system that facilitates and encourages students’ participation in lectures or large group presentations using mobile apps that collate and display instant polling/feedback results with graphical charts.
- Technology-enhanced Learning (TEL) courses – Courses that leverage technology and pedagogical learning activities using flipped classrooms, blended learning, team-based learning and self-directed learning to provide better opportunities for students to achieve the desired learning outcomes.

ACCESSIBLE EDUCATION UNIT
Students with special needs may contact the Accessible Education Unit (AEU) to understand the support services available to them. Services may include:
- Transition support
- Advice on assistive technology devices
- Access to facilities
- Tests and examination support
- Special hostel arrangement
- Academic and non-academic counselling
- Industrial attachment & internship
- Career counselling
WHEN THE WORLD IS YOUR CLASSROOM, EVERYTHING IS POSSIBLE
Seize the opportunity to learn, work and do research at some of the world’s best universities. NTU has a vast network of over 350 partner institutions around the world you can tap. Here are some overseas immersion programmes offered by the Office of Global Education and Mobility (GDEM) you can take to broaden your global perspectives:

GEM DISCOVERER
Choose from four high-quality learning programmes that will place you globally for overseas internships (Work & Study), Summer Studies, business/cultural executive programmes (Prelude) and language training (Language Immersion). Except for Work & Study, all programmes are conducted during university vacations (May – July and December), lasting from two to 10 weeks. Students will earn academic units upon successful completion.

Prelude
This two-week programme provides first-hand insights into emerging markets in Asia and beyond. Beyond the classroom, expect visits to significant cultural sites and be immersed in exciting destinations such as Thailand, China and South America.

Language Immersion Programme
Deepen cross-cultural understanding through language training in Japanese, Korean, French and more.

Summer Studies
Embark on an exciting academic programme that brings you to some of the world’s most prestigious universities such as Seoul National University, London School of Economics, University of California, Los Angeles and more. Summer Studies is open to all students.

Work & Study
This semester-long programme, conducted in collaboration with the Career & Attachment Office, which emphasises practical competency and in-depth understanding of your host country. It offers you an overseas internship in fast-growing economies with studies at a leading partner university.

For more information, visit www.ntu.edu.sg/GEM-Discoverer.

GEM EXPLORER
Take courses or conduct research in an overseas partner university for a full semester while exploring a new country and culture. You can also go on a partially-funded semester study programme with Georgia Institute of Technology. All these, while earning academic units.

Study
Broaden your horizons by taking courses at one of over 350 partner universities spanning close to 45 countries. A world of adventure awaits you.

Research
Take on challenging research opportunities through a one-semester attachment with top-notch scientists and researchers at prestigious universities in Europe or Asia.

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CAREER & ATTACHMENT OFFICE
Get a headstart on career planning through personalised career coaching, industry-specific consultations, experiential career skills workshops, as well as company and educational visits. The Career & Attachment Office (CAO) has excellent connections to over 3,500 global and local organisations, including MNCs, SMEs, Public Service Ministries and Agencies. This enables us to facilitate meaningful internships and quintessential networking and recruitment opportunities to increase your employability and career success. Every year, close to 5,000 students are placed both locally and overseas as part of our credit-bearing internship programmes.

CAO offers a broad range of programmes and services to help you get closer to your dream job, including:
• Career Exploration & Coaching
• Industry-Specific Career Consultation
• Online Career Modules by MLCPS
• Career & Employability Skills Workshops
• Credit-Bearing Internships
• Industry & Career Experiential Education
• Career Fairs, Recruitment Activities and Networking Events
• CareerAxis – CAO Online Career Portal

MARGARET LIEN CENTRE FOR PROFESSIONAL SUCCESS
"Look sharp, speak smart, and hold the right set of professional ethics and values to succeed on the job."

These are the key lifelong skills that the Margaret Lien Centre for Professional Success (MLCPS) aims to instil in students, so that they can excel in any future workplace. MLCPS offers two modules – “Absolute Basics for Career” and “Career Power Up!” – designed to inculcate value-based work ethics in students to help them shine in their careers and the community. Students need to pass both modules to graduate.

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NTU is dedicated to nurturing students to be Intellectuals, Scholars, Thinkers and Humanitarians through a well-rounded education that empowers them with learning opportunities in and beyond the classroom. Our curriculum is meticulously designed and constantly updated in tandem with the ever-evolving landscape, so that our students always have a competitive advantage. Promising students can expect a competitive range of special programmes to stretch their intellect. On top of double degree, double major and integrated programmes, they can enrich their education with one of NTU’s four Premier Scholars Programmes, which include the Renaissance Engineering Programme, University Scholars Programme, CN Yang Scholars Programme, and NTU-NIE Teaching Scholars Programme. Find out more about these programmes at: http://admissions.ntu.edu.sg/UndergraduateAdmissions/Pages/PremierScholarsProgrammes.aspx.

CULTIVATING A CLASS ABOVE THE BEST

The Nanyang Technological University–University Scholars Programme (NTU-USP) offers outstanding students distinctive learning opportunities beyond the boundaries of their core programmes. Through NTU-USP, students are exposed to arts and humanities, independent inquiry, immersive cultural experiences and more. NTU-USP offers a wide range of courses and overseas experiential learning options. We also provide a holistic learning environment specially designed to expand students’ global perspectives and enhance their creative thinking and analytical abilities. Our comprehensive scholarship includes full tuition fees, and at least three heavily-funded overseas study opportunities. One of these overseas stints is the prestigious Study Abroad Programme, which includes full tuition fees for the whole semester at our partner universities – University of Pennsylvania, Bryn Mawr College, Australian National University, King’s College London, and University of British Columbia. We also offer the Travel Overseas Programme for Scholars (TOPS), where students have visited Vietnam, Thailand, Hong Kong, Taiwan and Perth. Our yearly summer school programme sends students to Tianjin to read electives, and there are plans to include other Asian countries in the future.

"Beyond the holistic education and international exposure, one of the most precious facets of the REP experience is the close-knit community. We share the joy of discovering the world as we learn from wonderful professors both locally and overseas, as well as from the entrepreneurs, artists and dreamers amongst us. We share passions, ideas, laughter and memories as we support each other, take on new challenges and help each other grow. What we take away is more than what is taught in the broad curriculum – we grow to become more than just engineers, but also leaders, entrepreneurs, designers and changemakers."

Amber Tan Chun En
Renaissance Engineering Programme, Year 5

"With the wide range of courses available in NTU-USP’s curriculum, I have been able to explore fascinating subjects outside of my biology major, such as ethics, art history and entrepreneurship. Scholars in the programme hail from different courses within NTU, which encourages collaboration across various academic disciplines, thus honing our critical thinking skills and the ability to solve problems in an interdisciplinary manner. The close-knit nature of the community also fosters a strong sense of camaraderie amongst talented, passionate and bright scholars, which has undoubtedly been my greatest takeaway from my four years here."

Geraldine Pang Yi Han
Biological Sciences, Year 4
I decided to join the pioneer batch of the TSP and four years on, I have absolutely no regrets. TSP has given me a like-minded, close-knit community of friends, approachable professors, and an education that equips me to teach secondary school English and Mathematics. In my four years, I have taught in California for five weeks, spent a semester in Cambridge University and presented my research at a conference in New Zealand – that’s three sponsored overseas opportunities on three continents! My time in NIE has been colourful, enriching and the best choice I could have made for my future as a teacher.

Lin Siyue
Arts (Education), Year 4

CN YANG SCHOLARS PROGRAMME
The CN Yang Scholars Programme (CNYS), named after Professor CN Yang (Nobel Laureate in Physics 1957), is specially designed for outstanding students with deep passion for research in science and engineering fields. Only 50 of the brightest minds at NTU are selected for the programme every year.

CNYS has a unique multi-disciplinary curriculum that enables our scholars to be well trained in a broad range of engineering, science and mathematics. We also provide students with intensive opportunities in cutting-edge research, locally and beyond. Here, our scholars’ global outlooks are expanded through a summer research stint and Final Year Project overseas.

At the end of the undergraduate study, CNYS graduates have the chance to pursue postgraduate study (PHD) with a scholarship in NTU or Joint PhD overseas.

“The CN Yang Scholars Programme has given me the opportunity to undergo an interdisciplinary curriculum to build a strong foundation in the various sciences and to develop essential skills in research methodology. This will enable me to pursue my career aspirations in geoscientific research with a more diverse knowledge base, and better equip me to tackle 21st century issues when I join the workforce. This challenging and rewarding programme also put me in the company of driven and helpful peers who add to my motivation to excel here at NTU.”

Tan Pei Kun Darren
Environmental Earth Systems Science, Year 2

NTU-NIE TEACHING SCHOLARS PROGRAMME
The NTU-NIE Teaching Scholars Programme (TSP) is a prestigious award for outstanding scholars with a passion and calling to be professional leaders in education. This four-year programme aims to produce graduates with intellectual rigour, strong leadership skills, and relevant global perspective to make significant contributions to education.

Our multidisciplinary curriculum supplements the core curriculum in the Bachelor of Arts (Education) / Bachelor of Science (Education) programme. Students will benefit from a carefully-designed curriculum comprising a wide selection of electives, seminars by distinguished professors, government leaders and industry luminaries, as well as personal guidance by top faculty members. They will also get to conduct education research under the mentorship of renowned educators and professors.

TSP students enjoy the flexibility of undertaking a minor programme of their liking offered by other NTU schools. They also have the privilege of taking Masters level courses (from the third year of study onwards) to get a headstart in pursuing a Masters’ degree.

Importantly, the TSP offers in-depth content specialization, leadership programmes and overseas learning opportunities such as international practicum stints and semester exchanges (e.g. to Finland, Sweden, Hong Kong, USA, UK, Switzerland) that endeavour to enrich student’s perspectives of strong moral values and enable them to transform the future of education.

“I decided to join the pioneer batch of the TSP and four years on, I have absolutely no regrets. TSP has given me a like-minded, close-knit community of friends, approachable professors, and an education that equips me to teach secondary school English and Mathematics. In my four years, I have taught in California for five weeks, spent a semester in Cambridge University and presented my research at a conference in New Zealand – that’s three sponsored overseas opportunities on three continents! My time in NIE has been colourful, enriching and the best choice I could have made for my future as a teacher.”

Lin Siyue
Arts (Education), Year 4
FOOD SCIENCE AND TECHNOLOGY PROGRAMME

The Food Science and Technology Programme (FST) is a collaborative effort with the world-renowned Wageningen University and Research (WUR) from The Netherlands. It is designed to equip students with essential skills to meet the demands of national food security and associated new food industry.

FST is offered to a select group of students from four NTU degree programmes (Biological Sciences, Chemical & Biological Chemistry, Bioengineering and Chemical & Biomolecular Engineering). Students can expect a unique learning experience from WUR, particularly the laboratory sessions, which aim to sharpen their abilities in independent learning, problem solving and critical thinking.

From 2017, the Joint Second Major programme in FST is offered under the prestigious Nanyang Scholarship programme. Under this programme, students will experience a two-week study trip in WUR, as well as priority internship placement in food MNCs and local SMEs. They will also have networking opportunities for career development in the local food industry, go on field trips and attend lecture series by food industry experts.

The FST Programme is one of the finalists in the DutchCham Winsemius 2017 Award for Sustainability and Innovation.

"Being in FST has been a very enriching and rewarding experience. The complexity of food networks and the constant need for innovation requires a very flexible and multidisciplinary workforce, often involving people from varied backgrounds. The FST programme has provided us with opportunities to learn from multiple disciplines, take part in internships with relevant companies in the food industry and also equipped us with industry-relevant practical skills. The well-structured and challenging curriculum has truly broadened my knowledge and further cultivated my passion in this field. I am thankful for the unique learning experience that FST offers and for equipping me with skills and knowledge that will give me an edge in terms of employment prospects after graduation."

Chou Hui Wen Verene
Chemical and Biological Chemistry with a Second Major in Food Science and Technology, Year 4

UNDERGRADUATE RESEARCH EXPERIENCE ON CAMPUS (URECA)

URECA (Undergraduate Research Experience on Campus) is a research programme for second, third and fourth year undergraduates who have achieved excellent academic standing. This programme enables undergraduates to immerse themselves in a vibrant research culture, and gain invaluable first-hand experience while earning monetary allowances or academic credits. Undergraduates are awarded the coveted title of NTU President Research Scholar (NTU PRS) upon completion of the programme.

In URECA, outstanding undergraduates can work on a research project of their interest, and pursue independent research under the guidance and supervision of a professor over a period of 11 months.

The URECA programme offers undergraduates an ideal opportunity to:
• Develop a deeper understanding of a research topic of their choice
• Challenge knowledge gained through textbooks and lectures
• Learn to look at issues from multiple perspectives
• Acquire research skills in communication, presentation, analytical thinking and problem-solving
• Pursue research-based final year projects under the FYP-URECA scheme
• Prepare for postgraduate studies
• Identify academic and career interests

URECA also offers ample opportunities that allow undergraduates to gain valuable research experience by:
• Participating in the annual Discover URECA@NTU Poster Exhibition and Poster Competition
• Coordinating or participating in annual Global, Virtual, Live & Interactive Conference, also known as International Conference of Undergraduate Research (ICUR-URECA)
• Attending local and international conferences
• Publishing research papers in archived journals

For more information, please refer to www.ntu.edu.sg/ureca.

"URECA has showed me that research is fundamentally about perspectives and innovation, discovering problems and finding solutions. It has broadened my perspective with both multidisciplinary and interdisciplinary research collaborations. My life is enriched with a new way of seeing things."

Nicholas Tan Jit Yang
Electrical and Electronic Engineering, Year 4

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For more information, please refer to www.ntu.edu.sg/ureca.
Maximise your promise and opportunities with an NTU scholarship. Outstanding students with aspirations to make the best of their university education should apply to the various scholarships offered by NTU.

NANYANG SCHOLARSHIP
The prestigious Nanyang Scholarship – an emblem of the University’s ethos – is one that develops students’ talents to give them a competitive edge in the real world. It recognises students not just for academic brilliance and leadership qualities, but also encourages their passion to contribute to society. The scholarship aims to support and groom students into game-changers in school, at work, and in the community.

Scholarship holders will receive the following benefits for the normal duration of their undergraduate study when they maintain a record of good academic performance and exemplary conduct:

- Full coverage of subsidised tuition fees (after tuition grant)
- Living allowance of S$6,000 per academic year
- Book allowance of S$500 per academic year
- Accommodation allowance of up to S$2,000 per academic year (only applicable to scholarship holders who reside in NTU hostels)
- Travel grant of S$5,000 for an overseas programme (one-off)
- Computer allowance of S$1,500 (one-off)
- Settling-in allowance of S$250 (one-off)
- Priority for overseas programme
- Participation in Scholars’ Orientation Programme, Scholars Award Ceremony, Outreach Programmes, and Eminent Speaker Series

“Other than providing generous grants and allowances, the Nanyang Scholarship provides me with numerous opportunities to interact with many top students in my cohort. It also enables me to participate in Outreach Programmes, as well as the Eminent Speaker Series. The Scholarship is also bond-free, allowing me the freedom to pursue any career or field I wish to enter.”

Lukman Firas Bin Samsul Muarif
Accountancy and Business, Year 2

COLLEGE SCHOLARSHIP
The College Scholarship holders will receive full coverage of subsidised tuition fees (after tuition grant), and a living allowance of S$3,600 per academic year for the normal duration of their undergraduate study when they maintain a record of good academic performance and exemplary conduct.

Both Nanyang Scholarship and College Scholarship are bond-free apart from the three-year bond applicable to all Singapore Permanent Residents and international students under the MOE Tuition Grant Scheme.

OTHER FULL-TERM SCHOLARSHIPS
NTU offers a variety of scholarships to new students pursuing their full-time undergraduate studies at NTU.

- Renaissance Engineering Programme Scholarship
- NTU-University Scholars Programme (NTU-USP) Scholarship
- LKCMedicine Scholarship
- Toh Kian Chui Scholarship
- Wee Cho Yaw Future Leaders Award
- Wee Kim Wee Legacy Fund Undergraduate Scholarship
- Humanities, Arts and Social Sciences Scholarship
- E.W. Barker Scholarship
- LKY-STEP Award
- University Engineering Scholarship (UES)
- ASEAN Undergraduate Scholarship
- NTU Science and Engineering Undergraduate Scholarship

For more information, please refer to www.ntu.edu.sg/undergraduatescholarships.
The School of Chemical and Biomedical Engineering (SCBE) aims to nurture a new generation of engineers through a rigorous, industry-focused curriculum that integrates the principles of engineering with the fundamentals of life and chemical sciences.

We offer two direct honours degree programmes in Chemical and Biomolecular Engineering (CBE), and BioEngineering (BIE).

Chemical Engineering deals with the application of physical sciences and life sciences with mathematics and economics to the process of converting raw materials (of chemical or biomolecular nature) into more useful or valuable forms. Modern chemical engineering is also concerned with pioneering valuable new materials and techniques such as nanotechnology, fuel cells and biomedical engineering.

Ranked 17th in the world according to the 2017 QS World University Rankings by Subject, CBE aims to hone quantitative and analytical skills to produce a new generation of graduates. It also aims to equip them with engineering knowledge to excel in traditional chemical/petrochemical/pharmaceutical industries, as well as other emerging fields.

BioEngineering blends the various disciplines of engineering and biomedical sciences together, taking best practices from the top four American universities. BIE combines modern biological principles with advanced engineering methods in medical imaging, instrumentation, electronics, materials and tissue engineering to train high-calibre engineers for the healthcare industry.

PROGRAMMES OFFERED
- Bachelor of Engineering in BioEngineering
- Bachelor of Engineering in Chemical and Biomolecular Engineering
- Bachelor of Engineering (BioEngineering / Chemical and Biomolecular Engineering) with a Second Major in Business
- Bachelor of Engineering (BioEngineering / Chemical and Biomolecular Engineering) with a Second Major in Food Science and Technology
- Bachelor of Engineering in BioEngineering with a Second Major in Pharmaceutical Engineering
- Double Degree in Bachelor of Engineering (BioEngineering / Chemical and Biomolecular Engineering) and Bachelor of Arts (Economics/Applied Economics)

CAREER PROSPECTS
In the past five years, Singapore has invested close to S$2 billion in the biomedical industry and related institutions. In fact, the biomedical engineering and sciences sector has seen healthy growth and is slated to be a key engine of future growth in Singapore.

BIE graduates can find attractive opportunities in pharmaceutical industries, a range of research institutes, hospitals and organisations that deal with biomedical instruments, medical devices, biomaterials, drug discovery and more. CBE graduates are sought after in both traditional and emerging engineering fields such as petrochemicals, bio-pharmaceuticals, specialty chemicals, food/flavours/fragrances, nanotechnology, as well as trading and finance-related jobs in relevant industries.
"As a Civil Engineering major, I have been trained in analytical thinking and problem solving, based on concepts and calculations, where one can arrive at a clear-cut, ‘right’ answer. My second major in Society and Urban Systems covers a diverse range of topics related to urban infrastructure. I have also been trained in reasoning of multi-dimensional issues, with no clear-cut ‘right’ answer.

Through my curriculum, I hope to better grasp the interactions and decisions in future."

Tan Song Keat
Civil Engineering with a Second Major in Society and Urban Systems, Year 3

The School of Civil and Environmental Engineering (CEE) strives to be a leading school for Sustainable Built Environment. Our highly dedicated and experienced faculty members guide and equip our graduates with skills to be successful and responsible engineers of the future. As CEE graduates will face environmental challenges with far-reaching global consequences, we incite the spirit of lifelong learning and encourage them to pursue advanced studies and research. Our graduates develop engineering knowledge and skills to provide safe, innovative and sustainable solutions for the urban environment, in the face of the continuous increase in population, as well as human and trade traffic. Students of our Maritime Studies programme will be able to pick up business management skills essential for a successful career in the maritime industry, locally or abroad. Third-year students can look forward to a semester at our overseas partner university.

PROGRAMMES OFFERED
- Bachelor of Engineering in Civil Engineering
- Double Degree in Bachelor of Engineering (Civil Engineering) and Bachelor of Arts (Economics)
- Bachelor of Engineering in Civil Engineering with a Second Major in Business
- Bachelor of Engineering in Civil Engineering with a Second Major in Society and Urban Systems
- Double Degree in Bachelor of Engineering (Civil Engineering) and Bachelor of Arts (Economics)

ENVIRONMENTAL ENGINEERING
- Bachelor of Engineering in Environmental Engineering
- Bachelor of Engineering in Environmental Engineering with a Second Major in Business
- Bachelor of Engineering in Environmental Engineering with a Second Major in Society and Urban Systems
- Double Degree in Bachelor of Engineering (Environmental Engineering) and Bachelor of Arts (Economics)

MARITIME STUDIES
- Bachelor of Science in Maritime Studies
- Bachelor of Science in Maritime Studies with a Second Major in Business

CAREER PROSPECTS
Over 80% of CEE graduates are offered employment within six months of final examinations. Civil Engineering graduates can look forward to careers in areas such as land development and improvement, airport engineering, transportation planning, infrastructure planning, construction management, seismic engineering, protective engineering, concrete and building technology, fire engineering and project management. Environmental Engineering graduates can find their niche in areas of water resources engineering, environmental technologies development, water and wastewater treatment, wastewater reclamation and reuse, membrane technologies, desalination and resource recovery. As for Maritime Studies graduates, they can look forward to shore-based careers in areas including marine operations, shipping and chartering, logistics and freight forwarding, marine insurance and brokerage.

"As an aspiring engineer and entrepreneur, having the opportunity to pursue a double degree in engineering and business in SCSE has been a great blessing for me. The programme delivers content that is constantly tuned to be relevant to today's industries, while equipping students with necessary skills to establish themselves in the community. The projects I have been assigned have given me a wider perspective of the various industries, sharpened by analytical skills and developed my soft skills in making presentations. I hence feel more confident in helping to shape the world."

Lin Ligang
Bachelor of Engineering (Computer Engineering), Year 4

The School of Computer Science and Engineering (SCSE) has consistently produced top-earning graduates (based on the Graduate Employment Survey (GES) by Ministry of Education) over the last few years. Some of our graduates have gone on to become entrepreneurs as well as leaders in many well-known global multinational industries.

Students can expect a distinctive blend of theory and practice, critical hands-on experience, project-based learning and professional internships from our direct honours degree programmes. The learning outcomes are enhanced communication, analytical and creative thinking as well as professional skills in our graduates, setting the foundation for them to continually achieve breakthroughs and cutting-edge innovations.

Be at the forefront of technological development with SCSE.

PROGRAMMES OFFERED
- Bachelor of Engineering in Computer Engineering
- Bachelor of Engineering in Computer Science
- Bachelor of Engineering in Computer Engineering/Computer Science with a Second Major in Business
- Bachelor of Science in Data Science and Artificial Intelligence
- Double Degree in Bachelor of Engineering (Computer Engineering/Computer Science) and Bachelor of Business (Business Analytics)
- Double Degree in Bachelor of Engineering (Computer Engineering/Computer Science) and Bachelor of Arts (Economics)

CAREER PROSPECTS
SCSE graduates are highly sought after by companies and industries in areas such as data science and analytics, artificial intelligence, cybersecurity, embedded systems, financial technology, interactive AR/VR entertainment, game development, digital media and animation, robotics and software design.

They can also find opportunities in database management, web services and application development, enterprise network management, R&D engineering, IT management, consultancy and solutions, engineering, sales and marketing, financial and banking services, telecommunications, education and training, business process outsourcing management and more.
“NTU has enriched me with local undergraduate research within the school, as well as an overseas research opportunity at Georgia Institute of Technology, USA. NTU EEE has also provided me with an internship opportunity with the Office of Chief Science and Technology Officer (OCSTO) at the Ministry of Home Affairs. My education has introduced me to a world of innovation and possibilities.”

Nicholas Tan
Electrical and Electronic Engineering,
Year 4

Ranked 1st in Asia and 6th in the world, the School of Electrical and Electronic Engineering (EEE) aims to mould students into future-ready engineers. Whether to revolutionise the way people connect through the next-generation smartphones or create intelligent nano-gadgets to empower the industry, here’s where you will gain the most relevant knowledge and hands-on experience. Empower yourself to take part in sculpting the latest innovations and shaping people’s lives in the modern world as you build your niche in electrical and electronic engineering. Your knowledge and design could very well push the frontiers of other sectors such as media communications and satellites.

Besides offering well-rounded, multi-faceted programmes, EEE broadens your perspective with cross-disciplinary courses in the arts, business and humanities. With mentorship from our brilliant faculty and access to our world-class equipment and modern research laboratories, you will realise your full potential as a top-notch electrical and electronic engineer.

EEE offers two direct honours degree programmes – Electrical and Electronic Engineering, and Information Engineering and Media.

Gear up for a promising future at EEE.

PROGRAMMES OFFERED
• Bachelor of Engineering in Electrical and Electronic Engineering (EEE)
• Bachelor of Engineering in Information Engineering and Media (IEM)
• Double Degree in Bachelor of Engineering (EEE/IEM) and Bachelor of Arts (Economics)
• Bachelor of Engineering (EEE/IEM) with a Second Major in Business
• Bachelor of Engineering (EEE) with a Second Major in Society and Urban Systems

CAREER PROSPECTS
EEE graduates have proven themselves well in various industries. They are highly sought after in the fields of Automotive, IT and Telecommunication, Defence, Manufacturing, R&D, Power and Clean Energy, Interactive and Digital Media, and finance-related businesses.

“MSE’s curriculum prepared me well for competitive internships in A*STAR and the University of California, San Diego, which led to two standing offers for PhD studies before graduation. Beyond intellectual rigour, MSE has generously provided ample opportunities for personal growth. Through MSE’s Leadership Excellence Programme (LEP), I have honed my communication and leadership skills, and represented NTU at the prestigious 8th University Scholars Leadership Symposium. It was a truly transformative experience as I collaborated with outstanding global student leaders.”

Tan Siew Ting
Materials Engineering,
Year 4

Ranked World #1 by Subject in the 2018 U.S. News Best Global Universities Rankings, the School of Materials Science and Engineering (MSE) is also the world’s largest materials engineering school. With MSE standing at the forefront of groundbreaking research and innovation led by an international team of world-class faculty members, you can expect a modern science-driven and application-oriented education that prepares you for today’s industry and the future economy.

Drawing reference from the Singapore Government’s Industry Transformation Maps, MSE offers four specialisations in the growth areas of Medical Materials, Industrial Materials Engineering, Nanoscience and Nanotechnology, and Innovation and Intellectual Property. We also offer second major options in Pharmaceutical Engineering and Medical Biology to help our graduates accelerate career opportunities in sunrise industries.

MSE leverages the depth and breadth of our talent pool of globally-recognised professors. Our professors constantly strive to apply industry relevance to our courses. The rigour of our MSE curriculum is well reflected in the vibrant blend of theory, practice, technical competencies and soft skills.

We are committed to nurture holistic and well-rounded future leaders. The MSE Leadership Excellence Programme (LEP) is our signature offering which provides students additional development opportunities to realise their full potential. Selected students enrolled in this programme will undertake specialised training in character building, management and communication skills, and more. Through exclusive industry networking sessions, they can also build influential connections and gain valuable insights into the business world and industry.

We warmly invite you to join our group of motivated and talented future leaders who will be enrolling in the MSE programme.

PROGRAMMES OFFERED
• Bachelor of Engineering in Materials Engineering
• Bachelor of Engineering in Materials Engineering with a Second Major in Business
• Bachelor of Engineering in Materials Engineering with a Second Major in Pharmaceutical Engineering
• Bachelor of Engineering in Materials Engineering with a Second Major in Medical Biology
• Double Degree in Bachelor of Engineering (Materials Engineering) and Bachelor of Arts (Economics)

CAREER PROSPECTS
MSE graduates are highly sought-after across a broad spectrum of key industries such as Aerospace, Aviation, Biomedical, Defence, Education, Electronics, Engineering, Fast Moving Consumer Goods, Manufacturing, Offshore & Marine, Oil & Gas, Pharmaceutical, Renewable Energy, Research and Technology. We are proud to share that many of our graduates have fully embraced the innovation culture and moved on to become trailblazing and successful entrepreneurs.
Ranked 11th in the 2017 QS World University Rankings by Subject and 1st in Singapore for the Mechanical, Aeronautical and Manufacturing category, the School of Mechanical and Aerospace Engineering (MAE) is home to many exciting projects including world’s first flexible endoscope with small robotics fingers, solar cars, 3D printed parts and unmanned aerial vehicles. The School has signed partnerships with important industry players such as Rolls Royce, Civil Aviation Authority of Singapore and Sembcorp Marine, amongst others. Our versatile curriculum enables graduates to specialize in different fields such as marine & offshore, oil & gas, aerospace, robotics and more.

Our Aerospace Engineering degree programme is among the top undergraduate programmes in Singapore, producing professional aerospace engineers with specialised training, allowing them a seamless entry into the challenging aerospace industry.

As for our Mechanical Engineering degree programme, it has been described as the “mother of all engineering”. It comprises specialisations in disciplines such as the Design Stream, Robotics and Mechatronics Stream; as well as the Main Stream, which includes aeronautical engineering, energy and environment, manufacturing engineering, naval architecture & marine engineering and systems engineering.

As a Mechanical Engineering programme graduate, you can pursue a double major in Business Administration.

CAREER PROSPECTS
MAE graduates are in high demand amongst employers due to their adaptability and multi-faceted industrial knowledge. They are presented with opportunities in aerospace research, aircraft design and manufacturing, aircraft operations and maintenance, aviation regulation, defence science and technology, logistics, manufacturing, marine and offshore engineering, petrochemical and biomedical, power generation and distribution, robotics, product design, as well as project planning and management.

“MAE provides a comfortable environment to explore technological frontiers in mechanical engineering. It has a well-established curriculum and a supportive faculty that ensures students pursue their passions beyond textbooks. I explored cutting-edge technologies like Additive Manufacturing at MAE’s world-class research centre - Singapore Centre for 3D Printing. My 3D printing skills and capabilities were further strengthened during my 20-week Professional Internship at SLM Solutions Group AG. I also had the opportunity to lead teams at the Maritime RoboX Challenge in Hawaii, and the RoboMaster Competition at Shenzhen. Here, the sky’s the limit with the endless learning opportunities.”

Lu Zhen
Mechanical Engineering, Year 3

The College of Humanities, Arts and Social Sciences (CoHASS) is featured prominently in the QS World University Rankings by Subject 2017 with nine of its majors being ranked among the world’s top 100.

CoHASS strives to ignite a culture of excellence and creativity through a diverse and rich curriculum, as well as developments beyond the academic front. We offer 12 Majors in Design Art, Media Art, Communication Studies, Chinese Studies, Economics, English Literature, History, Linguistics and Multilingual Studies, Philosophy, Psychology, Public Policy and Global Affairs, and Sociology. Our students can pursue a Double Major, Second Major and Minors in each of these areas, as well as in subjects that are not offered as a Major, including Art History, Creative Writing, Translation, Film Studies, and Global Asia. Minors in Science, Technology and Society (STS) and Geography and Urban Studies will be introduced in 2018.

The College places strong emphasis on analytical and communicative competence as a desired learning outcome, and is committed to promoting internationalization and cross-cultural understanding. Our students are encouraged to think analytically, research methodically, and communicate persuasively.

More importantly, we believe in offering more than just a well-rounded education, but also creating memories and experience that go beyond the classroom. We strongly encourage our students to spend a semester or two abroad, learn a new language, and in short, immerse fully in the life of the University.

We offer a wide selection of Majors across four Schools:

a. The School of Art, Design and Media (ADM), Singapore’s premier professional art school that offers degree programmes with new curriculum in Design Art and Media Art introduced in August 2017;

b. The Woon Kim Wee School of Communication and Information (WKWSCI), Asia’s top school in Communications;

c. The School of Humanities (SoH), dedicated to the study of the richness of human experience and human existence through philosophy, literature, history and language; and

d. The School of Social Sciences (SSS), committed to uncovering facts about the social world and create change to improve human conditions through addressing contemporary issues in economics, globalisation and governance, psychology and the society in general.
“Throughout my journey as a Philosophy major at SoH, I was able to expand my horizons and challenge my beliefs constantly. This was put to the test when I interned at Singapore Press Holdings as part of the Humanities Professional Attachment Programme. During my internship, I utilised the critical-thinking and analytical skills I picked up in Philosophy to achieve the objectives laid out by my supervisor for the assigned projects. I am grateful for the various learning and development opportunities offered by SoH.”

Chong Jun Jie
Philosophy, Year 4

The School of Humanities (SoH) offers programmes with a focus on the core humanities: the study of language, literature, history, and philosophy. In essence, our programmes involve the study of how people understand and explain the human experience and further the comprehension of what it means to be human. SoH also offers interdisciplinary studies – in areas such as Medical Humanities and Green Humanities – that cut across the humanities, social and natural sciences. Our dynamic and rigorous programmes are designed to unlock your creativity and critical-thinking skills. Under the dedicated guidance of our faculty, you will learn to construct sound arguments based on logic and reason. Most importantly, you will learn to ask and think about meaningful questions about life and the way we live life, and how we as humans, can live better.

Our direct honours programmes will prepare you for your future career and offer direct entry into the major of your choice. You may earn either a second major or a minor in another discipline offered by SoH and our sibling schools. At SoH, we also offer unique minors: English and Chinese Creative Writing.

PROGRAMMES OFFERED
• Bachelor of Arts in Chinese
• Bachelor of Arts in English
• Bachelor of Arts in History
• Bachelor of Arts in Linguistics and Multilingual Studies
• Bachelor of Arts in Philosophy
• Bachelor of Arts in English Literature & Art History
• Bachelor of Arts in Linguistics and Multilingual Studies & Psychology

* (The above Double Major programme is offered as a single degree programme; each Major carries equal weight in the degree)

CAREER PROSPECTS
SoH graduates can pursue careers in banking and finance, business, education, human resource, social work, public administration, arts administration, journalism, advertising, and other creative industries.

Throughout the years in ADM, I have met many talented, creative individuals. Working under the guidance of the faculty and alongside other creatives through the extensive school curriculum has made me become a better creative. Be it on our own or in groups, we learn, develop and create under one roof.

ADM has provided me with many opportunities to acquaint myself with others in the scene and even start projects outside of school. As a whole, these experiences have equipped me with valuable skills to prepare me for the industry.”

Joel Lim Xing Zhi
Visual Communication with a Second Major in Communication Studies, Year 6.

The School of Art, Design and Media (ADM) is one of Singapore’s and Asia’s leading centres for the study and production of visual arts and creative content. Here, students can look forward to an exciting creative journey across disciplines in Art and Media, while specialising in their chosen artistic fields.

Our award-winning and international faculty of artists, designers, filmmakers and researchers will be your guides and mentors in your journey towards artistic excellence. We believe in balancing artistic and academic rigour and most of our coursework is project-based, which immerse students in the art of developing ideas and concepts, honing technical skills, conducting research and thinking critically and creatively. You may find inspiration studying in our iconic building, a spacious environment that is home to state-of-the-art facilities and equipment.

Transform and colour the world around you with ADM.

PROGRAMMES OFFERED
• Bachelor of Design Art
• Bachelor of Media Art
• Bachelor of Arts in English Literature and Art History

* (The above Double Major programme is offered as a single degree programme; each Major carries equal weight in the degree)

CAREER PROSPECTS
ADM graduates can look forward to careers in the creative and media industries, including animation, media, marketing, advertising, software and exhibition and product companies. They will become animators, filmmakers, media producers, photographers, cinematographers, post-production artists, visual FX artists, animators, product designers, interactive designers, graphic designers, exhibition designers and concept artists. Graduates may also go on to join arts organisations such as museums and galleries, or further pursue research and creative work as post-graduates.
"I have been given opportunities to pursue my interests, and encouraged to step out of my comfort zone. This has enabled me to discover myself as a person, an athlete and a student leader. A significant moment for me is being selected as captain of the rock climbing varsity team. This motivated me to play a bigger role in the student body by serving in the HSS Club Main Management Committee and then as Chairperson of the SSS Club Pro Tem Committee. I have gained much invaluable experience through my contributions in NTU-SSS, and this is something I will always treasure."

Lee Hsin Chong
Economics, Year 3

The School of Social Sciences (SSS) specialises in disciplines that analyse human society and relationships. This specialisation enriches our understanding of society and the nature of social relationships. It also augments our ability to make evidence-based decisions to navigate today’s increasingly complex world, and find solutions to societal issues.

Satisfying our students’ wide interests and helping them explore opportunities for more knowledge is at the heart of what we do. This is why we encourage students to take second majors or minors in different core disciplines, on top of their Majors. These include unique interdisciplinary minors such as Environmental and Urban Studies, and Global Asia. Our faculty members are dedicated and exceptional individuals with the passion to arm students with knowledge and capabilities to excel in the classroom and beyond.

NTU was ranked 22nd in the Social Sciences in the 2017 QS World University Rankings. Change the world with the School of Social Sciences.

PROGRAMMES OFFERED
• Bachelor of Arts in Economics
• Bachelor of Arts in Psychology
• Bachelor of Arts in Public Policy and Global Affairs
• Bachelor of Arts in Sociology
• Bachelor of Arts in one of the following combinations:  
  - Economics & Media Analysis  
  - Economics & Psychology  
  - Economics & Public Policy and Global Affairs  
  - Psychology & Linguistics and Multilingual Studies  
  - Psychology & Media Analytics
• Double Degree in Bachelor of Engineering & Bachelor of Arts in Economics

CAREER PROSPECTS
SSS graduates can expect opportunities in industries such as advertising, marketing & public relations, banking & finance, consulting & business services, education, human resources, public service and social services.

"At WKWSCI, you’ll experience the vibrancy and energy of the world of communications on an everyday basis with plenty of opportunities to sharpen these skills through practicum-based modules and overseas trips that will challenge what you’ve learnt in a real-world setting.

As an aspiring copywriter, I had the chance to write for The Nanyang Chronicle, develop a public relations campaign for Airbnb, and even attend the Cannes Lions International Festival of Creativity in France. With an internship at GOVT Singapore, one of the top local advertising agencies and an exchange in Osnabruck University, I find myself well-in-track for my career and stretching myself creatively in ways I wouldn’t have expected all within four years at WKWSCI."

Ernest Chin Wenhill
Communication Studies, Year 4

"At WKWSCI, our curriculum combines theory and practice to prepare our students to be creative and critical thinkers, ready to take on successful careers in the communication industry. Our top-notch faculty, backed by cutting-edge equipment and technologies, provide an unrivalled learning environment for WKWSCI students. Students learn to tell stories using words, images, and data, and immerse themselves in topics like virtual reality, artificial intelligence, and neurological effects of media. They apply their knowledge in practice like the student newspaper, online magazine, film festival, and television newsmagazine. A six-month professional internship at one of our hundreds of industry partners, either locally or overseas, is a first step in a career path.

We believe that education should not be constrained by geographical barriers. This is why over 70% of our students have overseas experiences. They can travel abroad for semester-long exchanges at our partner universities around the world or travel and do reporting, conduct campaigns, or attend conferences as part of overseas practicum courses.

Students can choose from one or more of the following tracks:
1. Advertising  
2. Public Relations  
3. Broadcast and Cinema Studies  
4. Communication Research and Information Analytics  
5. Journalism

PROGRAMMES OFFERED
• Bachelor of Communication Studies (Honours)  
• Bachelor of Communication Studies (Honours) with a Second Major in Business  
• Bachelor of Arts in one of the two combinations:  
  - Economics and Media Analytics  
  - Psychology and Media Analytics

WKWSCI graduates can look forward to careers in the industries of broadcasting and cinema, research, journalism and publishing, and advertising and public relations.

CAREER PROSPECTS
WKWSCI graduates can look forward to careers in the industries of broadcasting and cinema, research, journalism and publishing, and advertising and public relations.

Broadcast and Cinema Studies track:
- Broadcast reporter
- Interactive media coordinator in media, business, industry and government
- Producer, Director

Communication Research and Information Analytics track:
- Media audience analyst
- Media consultant
- Public opinion and consumer researcher
- Research manager in public and private organisations

Journalism and Publishing track:
- Columnist, Editor, Photojournalist, Reporter
- International correspondent
- News analyst
- Publisher

Advertising and Public Relations track:
- Account executive/manager
- Communications manager
- Copywriter
- Social media manager
The College of Science strives to inspire students’ spirits of inquiry, instil respect for evidence, objectivity and reasoning, cultivate critical thinking and develop problem-solving abilities. These valuable skills are imparted through a seamless blend of theory, experiments and practical applications. Opportunities abound for students beyond the classroom, through industrial internships, attachments to research labs and overseas studies.

Our flexible curricula in Biology, Chemistry, Physics, Mathematics, and Environmental Earth Systems Science will prepare you to overcome challenges in sustainability, energy, environment, economics and health, so that you can help improve the future of mankind.

Students have the choice of programmes in these disciplines, with optional concentrations in current topics such as Green Chemistry and Nanotechnology. You can also choose from several multidisciplinary programmes such as the double major programmes which are recently launched in 2017 – Environmental Earth Systems Science and Public Policy & Global Affairs; Biological Sciences and Psychology; Mathematical Sciences and Economics. Several science majors can also be combined with second majors. For example, you can choose to make Chemistry or Biological Sciences with a second major in Food Science & Technology; Physics with a second major in Mathematical Sciences; or even a double degree programme in Biomedical Sciences and Chinese Medicine.

Our three schools are:
• Asian School of the Environment
• School of Biological Sciences
• School of Physical and Mathematical Sciences

“ASE’s holistic programme has opened my eyes to the different faces of the environment, each fascinating in its own way. We not only explore academic interests and hone practical skills; we are also introduced to the realities of environmental issues in our region and the world through case studies, and local and overseas field trips. ASE has a supportive environment owing to our close interaction with the faculty. Being in the company of bright and passionate peers also makes the experience even more enjoyable. My time in ASE thus far has truly been rewarding and inspiring.”

Gan Enxin
Environmental Earth Systems Science, Year 2

The Asian School of the Environment (ASE) is a world leader in scientific research with a focus on addressing environmental challenges in Southeast Asia. We integrate earth and environmental life science, geosciences, ecology, engineering and technology, humanities and the social sciences to address these challenges in environmental processes and sustainability.

We offer a diverse and rich curriculum featuring courses that focus on developing skills such as leadership, teamwork, speaking and writing, as well as interactive tutorials and labs to equip students with real-world skills. Our faculty members hail from diverse cultural backgrounds and have a range of scientific interests and expertise. We believe in close faculty-to-student collaborations. Students are encouraged to interact with their lecturers both in and out of the classroom, and conduct research, fieldwork and final-year research projects under faculty mentorship.

ASE offers students a two-week field course in Bali at the end of their first year, and Year 2 and 3 students can participate in longer overseas field courses. Here, students are given the opportunity to put what they have learned in the classroom into practice, and broaden their knowledge of the world. To further encourage this, studying abroad for one or two semesters is encouraged. Beyond academia, our students are empowered to grow and develop beyond the classroom, through professional internships with local or overseas employers.

The College of Science (www.cos.ntu.edu.sg) is home to the School of Physical and Mathematical Sciences; the School of Biological Sciences; and the Asian School of the Environment (www.ase.ntu.edu.sg). Our three schools are:
• Biomedical Sciences and Chinese Medicine.
• Sciences; or even a double degree programme in Technology; Physics with a second major in Mathematical Sciences and Psychology; Mathematical Sciences and Economics. Several science majors can also be combined with second majors. For example, you can choose to make Chemistry or Biological Sciences with a second major in Food Science & Technology; Physics with a second major in Mathematical Sciences; or even a double degree programme in Biomedical Sciences and Chinese Medicine.

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Be the catalyst of a sustainable future with ASE.

PROGRAMMES OFFERED
• Bachelor of Science (Hons) in Environmental Earth Systems Science
• Bachelor of Science (Hons) in Environmental Earth Systems Science and Public Policy and Global Affairs

* (The above Double Major programme is offered as a single degree programme; each Major carries equal weight in the degree)

CAREER PROSPECTS
ASE graduates are well-prepared to fill positions in both the public and private sectors. They can expect careers in natural resources exploration; extraction and management; water resource management or hydrology; environmental or geotechnical consulting; geological surveying or monitoring; environmental planning and sustainability; policy and management; urban planning; biotechnology; conservation, teaching or research. Graduates also have to opportunity to explore opportunities not commonly associated with earth and environmental sciences, such as energy-related insurance or banking and finance sectors.

Graduates from the double major programme can fill a wide array of both public and private sector positions, or pursue graduate programmes. They will have job prospects in Singapore, Southeast Asia and overseas, and are prepared to tackle the environmental challenges of the 21st Century. Possible career options include government roles, foreign and domestic policy and environmental consulting.
Low Zun Siong
Bachelor of Science in Food Science and Technology, Class of 2017

The School of Biological Sciences (SBS) provides every student with a truly international education in cutting-edge biomedical and life sciences. With faculty hailing from over 20 different countries, students are immersed in an enriching culture of knowledge. They can look forward to stimulating and challenging curricula that meet the discerning demands of both the biomedical and healthcare industries.

WHAT CAN YOU EXPERIENCE?

Undergraduate Advanced Experimental Biology (UAEB)

Our School offers opportunities for every student to experience the UAEB Workshops, which focus on experimental design and data analyses. These one-week intensive workshops are exam-free and emphasise continual assessments.

Professional Internship (PI) or Final Year Project (FYP)

Undergraduates gain relevant industry experiences when they undertake an uninterrupted PI or FYP, which they can do locally or overseas. In 2017, 65% of Honours year students opted for PI. Students have already proven that all their hard work was worth it, by securing jobs even before graduation!

Career Exploration

Undergraduates attend Professional Career Development courses and work closely with our School’s Career Coach to chart their future careers. Our students will have better clarity of different careers through our monthly Alumni Career Sharing events.

PROGRAMMES OFFERED

• Bachelor of Science (Honours) in Biological Sciences
• Bachelor of Science (Honours) in Biological Sciences with a Second Major in Medicinal Chemistry and Pharmacology
• Bachelor of Science (Honours) in Biological Sciences with a Second Major in Food Science and Technology (Nanyang Scholarship Programme)
• Bachelor of Science (Honours) in Biological Sciences with a Second Major in Biomedical Structural Biology
• Bachelor of Science (Honours) in Biological Sciences with a Second Major in Biomedical Materials
• Bachelor of Science (Honours) in Biological Sciences with a Second Major in Chemical Biology
• Bachelor of Science (Honours) in Biomedical Sciences and Psychology
• Double Degree Bachelor of Science (Honours) in Biomedical Sciences and Bachelor of Medicine (Chinese Medicine)

* (The above Double Major programme is offered as a single degree programme; each Major carries equal weight in the degree)

** (Previously Bachelor of Science (Honours) in Biological Sciences with a Second Major in Chemical Biology)

CAREER PROSPECTS

SBS graduates have in-depth, job-relevant knowledge and transferable skillsets for rewarding careers in various public and private sectors on Healthcare, Biomedical & Pharmaceutical, Education, Research & Development, and Banking & Finance. Career opportunities for graduates with an additional Major extend to other areas such as Business, Media & Editorial industries and Food-related companies.

Kenny Ooi Wen Rui
Bachelor of Science in Chemical Biology, Class of 2017

“"I interned at Coca-Cola R&D Juice Product Development, Shanghai. In SBS, I often find myself working on interesting projects and curriculum, such as UEAB, URECA and summer Research Project. Thanks to my background training, I have a better understanding of ideas conceptualisation, as well as charting direction and product shell life.”

The School of Physical and Mathematical Sciences (SPMS) comprises three divisions – Division of Chemistry and Biological Chemistry, Division of Mathematical Sciences, and Division of Physics and Applied Physics.

Our dynamic team of faculty members from across the world undertakes a dual mission in furthering science education and research. In teaching, we aim to instill the skill of scientific thinking in our students using the most effective pedagogical methods. In research, we continue to deepen our understanding of the physical world around us, and in doing so, develop ideas and technologies to improve the world we live in. We strive to build a thriving scientific community with dynamic scientists-teachers, using innovative curricula to engage our students and to build strong links with industry.

OUTSTANDING ACHIEVEMENTS

SPMS is home to more than 20 Singapore National Research Foundation Fellows. Graduates have been awarded scholarships such as the A*STAR Graduate Scholarship and Nanyang President’s Graduate Scholarship, and undergraduates have scored prestigious internships in Singapore and overseas. NTU’s Chemistry and Physical Sciences research ranked 8th and 34th in 2016 Nature Index Global.

PROGRAMMES OFFERED

• Bachelor of Science (Honours) in Chemistry and Biological Chemistry
• Bachelor of Science (Honours) in Chemistry and Biological Chemistry with a Second Major in Food Science and Technology
• Bachelor of Science (Honours) in Mathematical Sciences
• Bachelor of Science (Honours) in Mathematical Sciences and Economics (Double Major)*
• Bachelor of Science (Honours) in Physics
• Bachelor of Science (Honours) in Applied Physics
• Bachelor of Science (Honours) in Physics with a Second Major in Mathematical Sciences

* (The above Double Major programme is offered as a single degree programme; each Major carries equal weight in the degree)

CAREER PROSPECTS

SPMS graduates can work in fields of banking & finance, education, IT & communications, medical, pharmaceutical & chemical, food, semiconductor, as well as R&D branches of defence industries.

Chemistry graduates can find ready employment in industries such as biomedical and pharmaceutical, the petrochemical, polymer/paint/sensor/conductor and F&B. A*STAR research institutes and other public sector agencies such as Health Science Authority and DSO National Labs are also eager employers of our chemistry graduates. Mathematics graduates often play leading roles in finance, IT, biotechnology and more. They have been known to take on roles such as risks analysts, actuaries, clinical trials managers, epidemiologists and more. Physics and Applied Physics graduates are sought after by research organisations, semiconductor industries, optics and displays, equipment manufacturers and more.
LKCMedicine’s primary clinical partner is the National Healthcare Group, a leader in public healthcare recognised for the quality of its medical expertise, facilities and teaching. The School, which officially opened on 28 August 2017, is a model for innovative medical education and a centre for transformative research. Graduates of the five-year undergraduate medical degree programme will have a strong understanding of the scientific basis of medicine, along with interdisciplinary subjects, including engineering, technology and the humanities. Its first doctors will graduate in 2018 with a Bachelor of Medicine and Bachelor of Surgery (MBBS) awarded jointly by NTU Singapore and Imperial, and become doctors who will enhance Singapore’s healthcare in the decades to come.

"I have really benefitted from the School’s proactive and engaging way of teaching. The stimulating discussions inside and outside the classroom prompt me to explore concepts deeper on my own. I love the vibrant school culture, which keeps people firmly at the centre of all we do. With our extensive clinical exposure and early patient contact, every piece of knowledge we acquire in Team-Based Learning is placed in the context of serving people holistically and with heart. I am thankful to be in an exciting, thoughtful environment that retains the true spirit of medicine!"

Sia Chin Leong
MBBS, Year 2

A Joint Medical School by NTU Singapore and Imperial College London
Created to offer an innovative medical education of the highest international standard, LKCMedicine’s curriculum draws extensively from the world-renowned medical curriculum of Imperial and leverages the strengths of NTU in biomedical sciences, engineering and the humanities.

Our integrated multidisciplinary curriculum combines the finest traditions of medical training with innovative approaches to teaching and learning. At LKCMedicine, students’ progress through the five years is clearly signposted, with learning outcomes to guide them each step of the way. Each stage of the curriculum has a different area of focus, using different approaches to teaching and learning:

YEARS 1 & 2: INTEGRATED SCIENCE IN A MEDICAL CONTEXT
• Team-Based Learning
• Hands-on science practicals
• Regular communication skills training
• Early patient contact

YEARS 3 & 4: CORE CLINICAL MEDICINE IN PRACTICE AND MEDICINE FOR ALL STAGES OF LIFE & IN DIVERSE SETTINGS
• Clinical training across various hospitals in Singapore
• Core tutors guide learning
• Campus teaching weeks
• Scholarly projects

YEAR 5: PREPARING FOR PRACTICE AS A DOCTOR
• Overseas elective and home-based selective
• Student Assistantship Programme

LKCMedicine nurtures students to become competent and compassionate doctors. They learn not only the science of medicine, but also how to apply it with humanity for the benefit of their patients. The curriculum emphasises communication skills, professionalism and ethics. What they learn will guide their practice: keeping patients at the heart of all they do.

PROGRAMME OFFERED
Bachelor of Medicine and Bachelor of Surgery (MBBS)

CAREER PROSPECTS
Armed with the scientific understanding, technological awareness, holistic approach to patient care and lifelong learning skills needed to succeed in all medical specialties, LKCMedicine graduates can expect fulfilling careers as outstanding doctors and medical leaders across the full spectrum of healthcare services in Singapore. They will be well-placed to shape the future of medical practice in Singapore.
Nanyang Business School (NBS) is consistently listed among the world’s top-tier business schools. We are one of the most established and comprehensive providers of business and management education in Asia-Pacific.

For more than 50 years, we have nurtured leaders from around the world, using innovative pedagogy that combines rigorous academic theory with real-world business practice. We draw on the strengths of NTU, one of Asia’s most comprehensive research-intensive universities, to provide enriching opportunities for interdisciplinary studies.

This holistic approach extends across our wide array of undergraduate and graduate programmes, as well as non-degree executive courses, ensuring that our graduates succeed in today’s increasingly dynamic and interconnected world.

Our academic excellence and industry relevance is well recognised globally by independent publications and organisations. Our MBA programme is ranked regularly as one of Asia’s best, and we are accredited by the European Quality Improvement System (EQUIS) and the Association to Advance Collegiate Schools of Business (AACSB) – the world’s most widely recognised quality assurance standards for accounting and business education.

Our research has also received outstanding ratings in various academic surveys, with several of our faculty members recognised as global leaders in fields such as accounting, finance, and culture intelligence.

NBS is Singapore’s first and Asia’s third business school to be accredited by both the EQUIS and AACSB. It is also one of only 11 business schools with Accounting Accreditation outside the US. These accreditations are the most recognised endorsements for business education, and provide assurance that the degrees we confer are recognised globally.

Our highly-acclaimed faculty consists of thought leaders who are frequently quoted in the media, cited in academic journals, and invited to speak at conferences as leading authorities in their fields.

Partnerships with first-class universities around the world, such as MIT, Stanford and Cornell, offer students numerous opportunities for global exchange and learning through overseas attachments.

Well-connected to the industry, we offer our students unique opportunities to grow and learn through collaborations with more than 150 partner universities and 100 leading companies and industry partners from around the world. Our industry partnerships provide students with global perspectives that are important for career advancement in today’s business world.

NBS has more than 3,000 undergraduate students and over 470 postgraduate students from Singapore and around the world. This mix of cultures, diversity and experiences sets the foundation for grooming strong, dynamic and versatile leaders who are real-world savvy and immensely sought after by top employers in Singapore and beyond.

• Ranked 1st in Singapore, 3rd in Asia Pacific and 24th in the Financial Times’ Global MBA Ranking 2017.
• Ranked 18th globally by Financial Times for EMBA programmes in 2016.
• Ranked top MBA in Singapore since 2004 by The Economist.

Ignite the spirit of enterprise at NBS.

PROGRAMMES OFFERED
• Bachelor of Accountancy
• Bachelor of Business
• Double Degree in Accountancy and Business
• Double Degree in Bachelor of Engineering (Computer Engineering/Computer Science) and Bachelor of Business (Business Analytics)

NBS graduates are highly sought after by top employers because of their leadership qualities, problem-solving skills, and adaptability for today’s globalised, fast changing world.

“NBS has provided me with a suite of resources and undying support in both my career and personal development.

I secured my first internship with a Swiss private equity firm as a freshman because of NBS’s guidance and support. It is because of NBS’s reputation and strong alumni network that I got to meet and join other reputable industries. I also had internships with Rocket Internet in Shanghai, A.T. Kearney in Kuala Lumpur, and one of the pioneers of social entrepreneurship, Ashoka.

It is at NBS that I have met and befriended so many brilliant peers whom I know will make the world a better place.”

Joe Tan
Yong Zheng
Business, Year 3
Singapore’s education system is considered to be one of the best in the world. The National Institute of Education (NIE) has made this possible by ensuring that our undergraduates are equipped with high-quality skills and resources that will mould them into top-notch teachers. We have been providing initial teacher preparation and continual teacher professional development for the past 60 years. Our emphasis on educational research has prepared both teachers and students to adapt to the rapid ever-evolving educational landscape.

NIE’s programmes comprise education and pedagogy courses for effective teaching and courses on specialised subject knowledge in at least one academic discipline. You can choose from two teaching tracks, either primary or secondary level teaching.

To cater to the diversity of applicants’ educational backgrounds, there are multiple pathways for professional advancement. Apart from the Bachelor of Arts (Education) / Science (Education) programmes, NIE also offers the Postgraduate Diploma in Education for university graduates and the Diploma in Education for those with pre-university and/or diploma qualifications.

Student teachers can gain international perspectives on education, through our International Practicum, Semester Exchange and Service and Leadership Training programmes.

Altruistic virtues are also infused in our curriculum. For example, our student teachers can reach out and render service to the community through our Group Endeavours in Service Learning (GESL) projects.

Join us, and be a guiding beacon for our youths.

PROGRAMMES OFFERED
- Bachelor of Arts (Education)
- Bachelor of Science (Education)

CAREER PROSPECTS
Graduates of NIE’s degree programmes are fully-qualified education professionals and graduates are expected to be in high demand within the Singapore education system and beyond.

“..."
Singapore’s strategic geographical location makes it the perfect host country for regional sporting events. Bolstered by excellent infrastructure, security, steady growth in the sport and leisure industry and increased numbers of major sporting events, the nation is a regional epicentre of sporting action. The Sport Science & Management (SSM) curriculum was specifically conceptualised in anticipation of the exciting prospect of Singapore becoming the region’s leading sporting centre.

This programme will hone students’ knowledge in areas such as exercise physiology, sport biomechanics, motor skill acquisition, sport psychology, sport management and coaching. Throughout their four years with us, our students can look forward to hands-on practical experiences, guest lectures from industry partners, as well as soft skills development. Our comprehensive approach equips students for engagement in every arena within the sport industry. SSM’s state-of-the-art sport science laboratories and teaching facilities, along with highly qualified academic staff, ensure quality-learning experiences. Undergraduates also have the opportunity to spend up to six months at overseas universities as part of an exchange experience.

Jump-start your career in the sport industry with SSM.

PROGRAMME OFFERED
Bachelor of Science in Sport Science & Management

CAREER PROSPECTS
SSM graduates can look forward to career paths ranging from sport administrators, event managers, writers and marketers, to sport scientists, trainers and coaches. These roles are in increasing demand because of the expanding sport and leisure industry, as well as Singapore’s rising prominence as the region’s hub for sporting events.

During these four amazing years in SSM, I have completed two research studies, gone for an immersion trip, seen more of the world through NTU’s exchange programme, experienced the ‘real world’ through internship, and found a group of friends who share the same passion for sports.

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Sim Hui Xuan Alexia
Sport Science & Management, Year 4

SCHOLARSHIP APPLICATION
Applicants who wish to apply for scholarships should apply at the same application portal after submitting the application for admission. Same application deadlines as shown in the above table applies to scholarship applications.

Notes:
1. Former or current students of National University of Singapore (NUS), Singapore Management University (SMU), Singapore University of Technology and Design (SUTD), Singapore Institute of Technology (SIT) or Singapore University of Social Sciences (SUSS) seeking admission may apply under one of the application groups listed above.
2. Former Nanyang Technological University (NTU) students seeking re-admission or current NTU students seeking change of programme to Arts (Education) and Science (Education) may apply under one of the application groups listed above.
3. Full-time National Servicemen (NSF) with places already reserved at NTU and who wish to submit new applications may do so by applying under one of the application groups listed above.

APPLY TO NTU
Students, regardless of nationality, should apply under one of the following application groups that corresponds to their qualifications.
Students with international qualifications must have completed at least 12 years of general education up to GCE ‘A’ Level or acceptable equivalent international qualifications that are considered for admission and the respective application periods are given below. Applicants with other equivalent international qualifications that are not listed here may also apply.

**APPLICATION PROCEDURE**

Applications have to be submitted online at www.ntu.edu.sg/intladmissions.

**SUPPORTING DOCUMENTS**

The list of supporting documents required for application can be found on the application website above. No translation is required if the documents are in Chinese or Malay or Bahasa Indonesia.

Applicants whose actual/final results are released after April 2018 (e.g. IB applicants whose actual IB Diploma results are released in July 2018) are ineligible to apply for Medicine for Academic Year 2018 intake. MBBS programme has very limited places and entry is highly competitive. Hence, we do not consider applicants who have previously started, are pursuing, or have completed an undergraduate programme at any university. We do not accept applications for transfer to the MBBS programme.

We do not accept applications from students who have pending University Entrance Examinations. In this case, we would consider applications on a case-by-case basis.

There are two modes to submit your documents (Please use one):

a) Scan documents in full colour and upload online to the ‘Checklist’ via the application website above. No translation is required if the documents are in Chinese or Malay or Bahasa Indonesia.

b) Print checklist and send supporting documents together with the bank draft (where applicable) to the Office of Admissions by post or direct deposit. Please visit www.ntu.edu.sg/intladmissions for English language requirements for respective qualifications.
ADMISSION CRITERIA FOR STUDENTS WITH SINGAPORE-CAMBRIDGE GCE ‘A’ LEVEL

MINIMUM SUBJECT REQUIREMENTS

You are offering the Singapore-Cambridge GCE ‘A’ Level in the English medium and must fulfill all of the following:

• Obtained at least two passes in subjects at H2 level and attempted General Paper (GP) or Knowledge & Inquiry (KI) in the same sitting
• Met one of the following Mother Tongue Language (MTL) requirements:
  - A minimum of ‘S’ grade in H1 MTL or General Studies in Chinese or H2 Mother Tongue Language & Literature (MTL1) taken at ‘A’ level
  - Pass in MTL, B syllabus taken at ‘A’ level
  - A minimum of D7 in Higher MTL taken at ‘O’ level

In addition to fulfilling the above admission criteria, applicants must meet the following minimum subject requirements of the degree programmes listed below:

<table>
<thead>
<tr>
<th>RENAISSANCE ENGINEERING PROGRAMME</th>
<th>MINIMUM SUBJECT REQUIREMENTS</th>
<th>SELECTION TEST/INTERVIEW</th>
</tr>
</thead>
<tbody>
<tr>
<td>Renaissance Engineering Programme</td>
<td>H2 Level pass in Mathematics, and H2 Level pass in Physics/Chemistry/Biology/Computing, and H1 Level/O Level pass in Physics/equivalent</td>
<td>Yes</td>
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<tr>
<th>COLLEGE OF ENGINEERING</th>
<th>MINIMUM SUBJECT REQUIREMENTS</th>
<th>SELECTION TEST/INTERVIEW</th>
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<tbody>
<tr>
<td>Engineering**</td>
<td>H2 Level pass in Mathematics, and H2 Level pass in Physics/Chemistry/Biology/Computing, and H1 Level/O Level pass in Physics/equivalent</td>
<td>Yes</td>
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<td>Aerospace Engineering**</td>
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<td>Bioengineering**</td>
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<td>Chemical and Biomolecular Engineering**</td>
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<td>Computer Engineering**</td>
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<td>Information Engineering and Media**</td>
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<td>Bioengineering with a Second Major in Pharmaceutical Engineering**</td>
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<td>Bioengineering with a Second Major in Food Science and Technology**</td>
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<tr>
<td>Chemical and Biomolecular Engineering with a Second Major in Food Science and Technology**</td>
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<td>Business and Computer Engineering (Double Degree)</td>
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<td>Civil Engineering**</td>
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<td>Environmental Engineering**</td>
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<td>Electrical and Electronic Engineering**</td>
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<td>Mechanical Engineering**</td>
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<tr>
<td>Materials Engineering**</td>
<td>H2 Level pass in Mathematics, and H2 Level pass in Physics/Chemistry/Biology, and H1 Level/O Level pass in Physics/equivalent</td>
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<td>The above single degree programmes are also offered with a Second Major in Business</td>
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<tr>
<td>Business</td>
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<td>Society and Urban Systems</td>
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<tr>
<td>Data Science and Artificial Intelligence**</td>
<td>H2 Level pass in Mathematics, and H2 Level pass in Physics/Chemistry/Biology/Computing</td>
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<tr>
<td>Maritime Studies**</td>
<td>H1 Level pass in Mathematics, or O Level equivalent pass in Additional Mathematics, and H1 Level/O Level pass in a Science subject</td>
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<tr>
<th>COLLEGE OF HUMANITIES, ARTS, AND SOCIAL SCIENCES</th>
<th>MINIMUM SUBJECT REQUIREMENTS</th>
<th>SELECTION TEST/INTERVIEW</th>
</tr>
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<tbody>
<tr>
<td>Art, Design and Media</td>
<td>'O' Level/equivalent pass in Mathematics, and A good grade in General Paper/Knowledge &amp; Inquiry</td>
<td>On a selective basis</td>
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<tr>
<td>In addition, applicants are required to produce and submit the following materials for admission assessment: 1. A Portfolio 2. Personal Statement and Writing Samples 3. A Creative Project 4. Three Visuals</td>
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<td>For specific submission instructions and details, please refer to <a href="http://www.adm.nus.edu.sg/programmes/undergraduate/">http://www.adm.nus.edu.sg/programmes/undergraduate/</a></td>
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<td>Communication Studies</td>
<td>H1 Level pass in Mathematics, or 'O' Level/equivalent pass in Additional Mathematics, and At least a B grade in General Paper/Knowledge &amp; Inquiry</td>
<td>On a selective basis</td>
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<tr>
<td>Communication Studies with a Second Major in Business</td>
<td>H1 Level pass in Mathematics, or 'O' Level/equivalent pass in Additional Mathematics, and At least a B grade in General Paper/Knowledge &amp; Inquiry</td>
<td>On a selective basis</td>
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<tr>
<td>Chinese</td>
<td>Pass in H2 Level Chinese, or Good pass in H1 Level Chinese/China Studies in Chinese, or Good pass in 'O' Level Higher Chinese, or Distinction in 'O' Level Chinese</td>
<td>On a selective basis</td>
</tr>
<tr>
<td>Economics</td>
<td>A good grade in H1 Level Mathematics, and Psychology</td>
<td>On a selective basis</td>
</tr>
<tr>
<td>A good grade in General Paper/Knowledge &amp; Inquiry</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Psychology with a Second Major in Biological Sciences</td>
<td>A good grade in H1 Level Mathematics, and A good grade in General Paper/Knowledge &amp; Inquiry, and H1 Level pass in Physics/Chemistry/Biology</td>
<td>On a selective basis</td>
</tr>
<tr>
<td>English Literature</td>
<td>A good grade in General Paper/Knowledge &amp; Inquiry/H1 Level English Literature/H2 Level History</td>
<td>Yes</td>
</tr>
<tr>
<td>History</td>
<td>A good grade in General Paper/Knowledge &amp; Inquiry/H1 Level History/English Literature/Geography</td>
<td>Yes</td>
</tr>
<tr>
<td>Public Policy and Global Affairs</td>
<td>A good grade in General Paper/Knowledge &amp; Inquiry/H1 Level History/English Literature/Geography/Mother Tongue Language</td>
<td>On a selective basis</td>
</tr>
<tr>
<td>Linguistics and Multilingual Studies</td>
<td>A good grade in General Paper/Knowledge &amp; Inquiry/H1 Level English Literature/History/Geography/Mother Tongue Language</td>
<td>Yes</td>
</tr>
<tr>
<td>Sociology</td>
<td>A good grade in General Paper/Knowledge &amp; Inquiry</td>
<td>On a selective basis</td>
</tr>
<tr>
<td>Biology</td>
<td>A good grade in H1 Level Mathematics, and Psychology with a Second Major in Medical Biology</td>
<td>On a selective basis</td>
</tr>
<tr>
<td>A good grade in General Paper/Knowledge &amp; Inquiry, and H1 Level pass in Physics/Chemistry/Biology</td>
<td></td>
<td></td>
</tr>
<tr>
<td>English Literature</td>
<td>A good grade in H1 Level History/H1 Level English Literature/History/Geography/Mother Tongue Language</td>
<td>On a selective basis</td>
</tr>
<tr>
<td>History</td>
<td>A good grade in General Paper/Knowledge &amp; Inquiry/H1 Level History/English Literature/Geography/Mother Tongue Language</td>
<td>On a selective basis</td>
</tr>
<tr>
<td>Economics</td>
<td>A good grade in H1 Level Mathematics, and Economics and Psychology</td>
<td>On a selective basis</td>
</tr>
<tr>
<td>A good grade in General Paper/Knowledge &amp; Inquiry</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Economics and Public Policy &amp; Global Affairs</td>
<td>A good grade in H1 Level Mathematics, and A good grade in General Paper/Knowledge &amp; Inquiry, and A good grade in H1 Level History/English Literature/Geography</td>
<td>On a selective basis</td>
</tr>
<tr>
<td>Psychology and Media Analytics</td>
<td>A good grade in H1 Level Mathematics, and A good grade in General Paper/Knowledge &amp; Inquiry, and A good grade in H1 Level History/English Literature/Geography/Mother Tongue Language</td>
<td>On a selective basis</td>
</tr>
<tr>
<td>Psychology and Linguistics and Multilingual Studies</td>
<td>A good grade in H1 Level Mathematics, and A good grade in General Paper/Knowledge &amp; Inquiry, and A good grade in H1 Level History/English Literature/Geography/Mother Tongue Language</td>
<td>Yes</td>
</tr>
<tr>
<td>English Literature and Art History</td>
<td>A good grade in General Paper/Knowledge &amp; Inquiry/H1 Level English Literature/H2 Level History</td>
<td>Yes</td>
</tr>
</tbody>
</table>

DOUBLE MAJOR PROGRAMMES

| Economics and Media Analytics                  | A good grade in H2 Level Mathematics, and A good grade in General Paper/Knowledge & Inquiry. For the latter, at least B in order to be considered | On a selective basis |
| Economics and Psychology                      | A good grade in H2 Level Mathematics, and A good grade in General Paper/Knowledge & Inquiry | On a selective basis |
| Economics and Public Policy & Global Affairs  | A good grade in H2 Level Mathematics, and A good grade in General Paper/Knowledge & Inquiry, and A good grade in H1 Level History/English Literature/Geography | On a selective basis |
| Psychology and Media Analytics                | A good grade in H1 Level Mathematics, and A good grade in General Paper/Knowledge & Inquiry | On a selective basis |
| Psychology and Linguistics and Multilingual Studies | A good grade in H1 Level Mathematics, and A good grade in General Paper/Knowledge & Inquiry, and A good grade in H1 Level History/English Literature/Geography/Mother Tongue Language | Yes |
| English Literature and Art History            | A good grade in General Paper/Knowledge & Inquiry/H1 Level English Literature/H2 Level History | Yes |
NATIONAL INSTITUTE OF EDUCATION MINIMUM SUBJECT REQUIREMENTS

• Arts (Education) *
• Science (Education) *

Footnotes to Minimum Subject Requirements

* Programme leading to Bachelor of Engineering Science and Master of Science in Technology Management.

The programme is also offered as a single degree programme with a Minor in Business.

With Singapore-Cambridge GCE ‘A’ Level certificate: H1 Level pass in Physics/equivalent is only applicable to applicants who have not read Physics at H2 Level.

With International Baccalaureate Diploma: Physics at Standard Level is only applicable to applicants who have not read Physics at Higher Level.

With NUS High School Diploma: Overall CAP of 2.0 in Physics/equivalent is only applicable to applicants who have not major in Physics.

With International & Other Qualifications: Physics at Junior High School Level is only applicable to applicants who have not read Physics at Senior High School Level.

The requirement of Mathematics will take effect from Academic Year 2019-20.

For A02018-11, successful applicants may be advised to take up a Mathematics elective upon matriculation into the University.

With International & Other Qualifications: Mathematics at Senior High School Level is only applicable to applicants who have not read Additional Mathematics at Junior High School Level.

Students who are undecided on their Engineering major may opt for Engineering (i.e. Common Engineering) at the point of application. All Common Engineering students will read a semester of engineering studies after which they will be streamed into either Civil Engineering, Electrical and Electronic Engineering, Environmental Engineering, Materials Engineering or Mechanical Engineering at the end of Year 1, Semester 1. In all cases, admissions and streaming into an engineering major are merit-based.

** Programme leading to Bachelor of Science degree.

The programme is offered as a single degree programme with two distinct majors; each major carries equal weight in the degree.

† The programme is also offered as a single degree programme with a Second Specialisation in Predictive and Forensic Analytics.

‡ The programme is also offered as a single degree programme with a Minor in Strategic Communication.

§ These degree programmes offer many courses which may require further subject prerequisites. Please refer to the National Institute of Education (NIE) website for details.

Note: The award of a minor or a second major will only be reflected in the graduate’s transcript but not on his/her degree certificate.
ADMISSION CRITERIA FOR STUDENTS WITH DIPLOMA AWARDED BY A POLYTECHNIC IN SINGAPORE

MINIMUM SUBJECT REQUIREMENTS
You hold a relevant diploma or are a graduating student from one of the following institutions:
• One of the five polytechnics in Singapore
• Nanyang Academy of Fine Arts (NAFA)
• Lasalle College of the Arts
• Raffles Academy of Fine Arts
• Singapore Sports School-Auckland University of Technology (Diploma in Sports Management & Exercise Science only)

RELEVANT PROGRAMMES BASED ON YOUR DIPLOMA
For more information on the relevant degree programmes that you are eligible for, based on your diploma and the respective subject requirements, please visit https://wis.ntu.edu.sg/webexe/owa/adm_appl.relevant_diploma?student_type=F.

For more information on the admission requirements, please visit https://admissions.ntu.edu.sg/UndergraduateAdmissions/Pages/PolyDiploma.aspx.

ADMISSION CRITERIA FOR STUDENTS WITH INTERNATIONAL BACCALAUREATE DIPLOMA

MINIMUM SUBJECT REQUIREMENTS
You are offering the International Baccalaureate (IB) Diploma, awarded by the International Baccalaureate Organization (IBO). In addition to fulfilling the above admission criteria, applicants have to meet the following minimum subject requirements of the degree programmes listed below:

<table>
<thead>
<tr>
<th>RENAISSANCE ENGINEERING PROGRAMME</th>
<th>MINIMUM SUBJECT REQUIREMENTS</th>
<th>SELECTION TEST/ INTERVIEW</th>
</tr>
</thead>
<tbody>
<tr>
<td>• Renaissance Engineering Programme</td>
<td>Mathematics at Higher Level, and Physics/Chemistry/Biology/Computer Science at Higher Level, and Physics at Standard Level/Equivalent</td>
<td>Yes</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>COLLEGE OF ENGINEERING</th>
<th>MINIMUM SUBJECT REQUIREMENTS</th>
<th>SELECTION TEST/ INTERVIEW</th>
</tr>
</thead>
<tbody>
<tr>
<td>• Engineering**</td>
<td>Mathematics at Higher Level, and Physics/Chemistry/Biology/Computer Science at Higher Level, and Physics at Standard Level/Equivalent</td>
<td>Yes</td>
</tr>
</tbody>
</table>

For further details, please visit www.bmat.org.uk.

For more information on the admission requirements, please visit http://admissions.ntu.edu.sg/UndergraduateAdmissions/Pages/PolyDiploma.aspx.
COLLEGE OF SCIENCE MINIMUM SUBJECT REQUIREMENTS SELECTION TEST/INTERVIEW

- Environmental Earth Systems Science
  Mathematics at Standard Level, and
  Physics/Chemistry/Biology at Higher Level
  On a selective basis

- Environmental Earth Systems Science and Public Policy & Global Affairs (Double Major)\(^{**}\)
  Mathematics at Standard Level, and
  Physics/Chemistry/Biology at Higher Level, and
  A good grade in English at Standard Level
  On a selective basis

- Mathematical Sciences\(^{**}\)
  Mathematics at Higher Level
  On a selective basis

- Mathematical Sciences and Economics (Double Major)\(^{***}\)
  Mathematics at Higher Level, and
  A good grade in English at Standard Level
  On a selective basis

- Physics/Appplied Physics
  Mathematics and Physics at Higher Level
  On a selective basis

- Physics with a Second Major in Mathematical Sciences
  Yes

LEE KONG CHIAN SCHOOL OF MEDICINE MINIMUM SUBJECT REQUIREMENTS SELECTION TEST/INTERVIEW

- Medicine
  Chemistry and Biology/Physics at Higher Level
  On a selective basis

  In addition, applicants are required to submit the following materials for admissions assessment:
  1. Academic results
  2. Personal statement
  3. Details of exceptional talents and/or outstanding achievements beyond school co-curricular activities (if the applicant would like to be considered under Discretionary Admissions)
  4. Two online reference reports
  (The online reference report is in question and answer format. The questions will take no more than 10 minutes to complete. Instructions and login details will be provided to applicants who will in turn forward the login information to their referees.)

  Applicants may submit additional documents to support their applications.

  Applicants will have to register for the BioMedical Admissions Test (BMAT) and take the BMAT as part of the criteria for entry to the Lee Kong Chian School of Medicine. Applicants take the BMAT around November each year, prior to their application to LKCMedicine. Only results of the BMAT taken in the 12-month period prior to admission to LKCMedicine will be considered in the selection process. For more details on the BMAT, please refer to www.bmat.org.uk.

  For further details, please visit www.lkcmedicine.ntu.edu.sg/Admissions/Pages/Admissions.aspx.

NANYANG BUSINESS SCHOOL MINIMUM SUBJECT REQUIREMENTS SELECTION TEST/INTERVIEW

- Accountancy\(^{*}\)
  Mathematics at Standard Level
  On a selective basis

- Business\(^{*}\)
  Mathematics at Standard Level
  On a selective basis

- Accountancy and Business (Double Degree)
  Mathematics at Standard Level
  On a selective basis

- Special Programmes
  - BSc: and MSc (Financial Engineering)
  - IBus and MSc (Financial Engineering)

NATIONAL INSTITUTE OF EDUCATION MINIMUM SUBJECT REQUIREMENTS SELECTION TEST/INTERVIEW

- Arts (Education)\(^{*}\)
  Mathematics at Standard Level, and
  English A/ English A/Literature and Performance (in English) at Standard Level, and
  Pass in at least 5 subjects including English as a First Language at ‘O’ level/International High School Level
  Yes

SPORT SCIENCE AND MANAGEMENT MINIMUM SUBJECT REQUIREMENTS SELECTION TEST/INTERVIEW

- Sport Science and Management**
  Mathematics at Standard Level
  On a selective basis

Note: The award of a minor or a second major will only be reflected in the graduate’s transcript but not on his/her degree certificate. Please refer to page 57 for the description of the respective footnotes denoted in the above table.
ADMISSION CRITERIA FOR STUDENTS WITH NUS HIGH SCHOOL DIPLOMA

MINIMUM SUBJECT REQUIREMENTS
You are offering the NUS High School Diploma and must fulfill any one of the following Mother Tongue Language (MTL) requirements:
- A grade ‘O’ for Higher MTL at ‘O’ Level
- A pass in MTL B or a grade ‘S’ for General Studies in Chinese or H1 MTL or H2 Mother Tongue Language & Literature (MTLL) at ‘A’ Level
- An MOE-approved MTL-in-lieu or MTL-exemption

In addition to fulfilling the above admission criteria, applicants have to meet the following minimum subject requirements of the degree programmes listed below:

RENAISSANCE ENGINEERING PROGRAMME

<table>
<thead>
<tr>
<th>MINIMUM SUBJECT REQUIREMENTS</th>
<th>SELECTION TEST/INTERVIEW</th>
</tr>
</thead>
<tbody>
<tr>
<td>Renaissance Engineering Programme</td>
<td>Yes</td>
</tr>
<tr>
<td>Major CAP of 2.0 in Mathematics, and Major CAP of 2.0 in Physics/Chemistry/Biology, and Overall CAP of 2.0 in Physics/equivalent</td>
<td></td>
</tr>
</tbody>
</table>

COLLEGE OF ENGINEERING

<table>
<thead>
<tr>
<th>MINIMUM SUBJECT REQUIREMENTS</th>
<th>SELECTION TEST/INTERVIEW</th>
</tr>
</thead>
<tbody>
<tr>
<td>Engineering*a,b</td>
<td>Yes</td>
</tr>
<tr>
<td>Aerospace Engineering*a,b</td>
<td></td>
</tr>
<tr>
<td>Bioengineering*a,b</td>
<td></td>
</tr>
<tr>
<td>Chemical and Biomolecular Engineering*a,b</td>
<td></td>
</tr>
<tr>
<td>Computer Engineering*a,b</td>
<td></td>
</tr>
<tr>
<td>Information Engineering and Media*a,b</td>
<td></td>
</tr>
<tr>
<td>The above single degree programmes are also offered with a Second Major in Business</td>
<td></td>
</tr>
<tr>
<td>Materials Engineering*a,b</td>
<td></td>
</tr>
<tr>
<td>The above single degree programmes are also offered with a Second Major in Business</td>
<td></td>
</tr>
<tr>
<td>Business</td>
<td></td>
</tr>
<tr>
<td>Medical Biology</td>
<td></td>
</tr>
<tr>
<td>Pharmaceutical Engineering</td>
<td></td>
</tr>
<tr>
<td>Bioengineering with a Second Major in Pharmaceutical Engineering</td>
<td></td>
</tr>
<tr>
<td>Bioengineering with a Second Major in Food Science and Technology</td>
<td></td>
</tr>
<tr>
<td>Chemical and Biomolecular Engineering with a Second Major in Food Science and Technology</td>
<td></td>
</tr>
<tr>
<td>Business and Computer Engineering (Double Degree)</td>
<td></td>
</tr>
<tr>
<td>Civil Engineering*a,b</td>
<td></td>
</tr>
<tr>
<td>Environmental Engineering*a,b</td>
<td></td>
</tr>
<tr>
<td>Electrical and Electronic Engineering*a,b</td>
<td></td>
</tr>
<tr>
<td>Mechanical Engineering*a,b</td>
<td></td>
</tr>
<tr>
<td>The above single degree programmes are also offered with a Second Major in Business</td>
<td></td>
</tr>
<tr>
<td>Business</td>
<td></td>
</tr>
<tr>
<td>Society and Urban Systems</td>
<td></td>
</tr>
<tr>
<td>Business and Computing (Double Degree)</td>
<td></td>
</tr>
<tr>
<td>Computer Science*a,b</td>
<td></td>
</tr>
<tr>
<td>Computer Science with a Second Major in Business</td>
<td></td>
</tr>
<tr>
<td>Data Science and Artificial Intelligence*a,b</td>
<td></td>
</tr>
<tr>
<td>Maritime Studies*a,b</td>
<td></td>
</tr>
<tr>
<td>Maritime Studies with a Second Major in Business</td>
<td></td>
</tr>
</tbody>
</table>

MINIMUM SUBJECT REQUIREMENTS for Admission to NUS High School Diploma

NUS HIGH SCHOOL DIPLOMA

COLLEGE OF HUMANITIES, ARTS, AND SOCIAL SCIENCES

<table>
<thead>
<tr>
<th>MINIMUM SUBJECT REQUIREMENTS</th>
<th>SELECTION TEST/INTERVIEW</th>
</tr>
</thead>
<tbody>
<tr>
<td>English Literature</td>
<td>Yes</td>
</tr>
<tr>
<td>History</td>
<td></td>
</tr>
<tr>
<td>Linguistics and Multilingual Studies</td>
<td></td>
</tr>
<tr>
<td>Philosophy</td>
<td></td>
</tr>
<tr>
<td>Public Policy and Global Affairs</td>
<td></td>
</tr>
<tr>
<td>Sociology</td>
<td></td>
</tr>
<tr>
<td>English Literature and Art History</td>
<td></td>
</tr>
</tbody>
</table>

DOUBLE MAJOR PROGRAMMES

<table>
<thead>
<tr>
<th>MINIMUM SUBJECT REQUIREMENTS</th>
<th>SELECTION TEST/INTERVIEW</th>
</tr>
</thead>
<tbody>
<tr>
<td>Economics and Media Analytics</td>
<td>Yes</td>
</tr>
<tr>
<td>Economics and Psychology</td>
<td></td>
</tr>
<tr>
<td>Economics and Public Policy &amp; Global Affairs</td>
<td></td>
</tr>
<tr>
<td>Psychology and Media Analytics</td>
<td></td>
</tr>
<tr>
<td>Psychology and Linguistics &amp; Multilingual Studies</td>
<td></td>
</tr>
<tr>
<td>English Literature and Art History</td>
<td></td>
</tr>
</tbody>
</table>

COLLEGE OF SCIENCE

<table>
<thead>
<tr>
<th>MINIMUM SUBJECT REQUIREMENTS</th>
<th>SELECTION TEST/INTERVIEW</th>
</tr>
</thead>
<tbody>
<tr>
<td>Biological Sciences*a,b</td>
<td>On a selective basis</td>
</tr>
<tr>
<td>Biological Sciences with a Second Major in Biomedical Structural Biology</td>
<td></td>
</tr>
<tr>
<td>Biological Sciences with a Second Major in Biomedical Materials</td>
<td></td>
</tr>
<tr>
<td>Biological Sciences with a Second Major in Medicinal Chemistry and Pharmacology</td>
<td></td>
</tr>
<tr>
<td>Biomedical Sciences and Chinese Medicine (Double Degree)</td>
<td></td>
</tr>
<tr>
<td>Biological Sciences and Psychology (Double Major)</td>
<td></td>
</tr>
<tr>
<td>Chemistry and Biological Chemistry</td>
<td></td>
</tr>
</tbody>
</table>

COLLEGE OF ARTS, DESIGN, AND SOCIAL SCIENCES

<table>
<thead>
<tr>
<th>MINIMUM SUBJECT REQUIREMENTS</th>
<th>SELECTION TEST/INTERVIEW</th>
</tr>
</thead>
<tbody>
<tr>
<td>Communication Studies</td>
<td>On a selective basis</td>
</tr>
<tr>
<td>Chinese</td>
<td></td>
</tr>
<tr>
<td>Psychology with a Second Major in Biological Sciences</td>
<td></td>
</tr>
<tr>
<td>English Literature</td>
<td>On a selective basis</td>
</tr>
<tr>
<td>History</td>
<td></td>
</tr>
<tr>
<td>Linguistics and Multilingual Studies</td>
<td></td>
</tr>
<tr>
<td>Philosophy</td>
<td></td>
</tr>
<tr>
<td>Public Policy and Global Affairs</td>
<td></td>
</tr>
<tr>
<td>Sociology</td>
<td></td>
</tr>
<tr>
<td>English Literature and Art History</td>
<td></td>
</tr>
</tbody>
</table>

INTERVIEW

Yes

on a selective basis

http://www.adm.ntu.edu.sg/Programmes/ProspectiveStudents/undergraduatedegrees/Pages/ADM-Admission-Requirements.aspx.
**ADMISSION CRITERIA FOR STUDENTS WITH INTERNATIONAL & OTHER QUALIFICATIONS**

**MINIMUM SUBJECT REQUIREMENTS**

You must have completed at least 12 years of general education or will be taking High School national examinations in the year of application in order to be considered for admission.

In addition to fulfilling the minimum entry criteria on page 47 and 68, applicants who are applying for the degree programmes listed below, must also meet the respective minimum subject requirements.

<table>
<thead>
<tr>
<th>RENAISSANCE ENGINEERING PROGRAMME</th>
<th>MINIMUM SUBJECT REQUIREMENTS</th>
<th>SELECTION TEST/INTERVIEW</th>
</tr>
</thead>
<tbody>
<tr>
<td>Engineering**</td>
<td>Mathematics at Senior High School Level, and Physics/Chemistry/Biology at Senior High School Level, and Physics at Junior High School Level, and A good grade in General Paper/English at Senior High School Level</td>
<td>Yes</td>
</tr>
<tr>
<td>Aerospace Engineering**</td>
<td>Mathematics at Senior High School Level, Physics/Chemistry/Biology at Senior High School Level, and Physics at Junior High School Level, and A good grade in General Paper/English at Senior High School Level</td>
<td>Yes</td>
</tr>
<tr>
<td>Bioengineering**</td>
<td>Mathematics at Senior High School Level, Physics/Chemistry/Biology at Senior High School Level, and Physics at Junior High School Level, and A good grade in General Paper/English at Senior High School Level</td>
<td>Yes</td>
</tr>
<tr>
<td>Chemical and Biomolecular Engineering**</td>
<td>Mathematics at Senior High School Level, Physics/Chemistry/Biology at Senior High School Level, and Physics at Junior High School Level, and A good grade in General Paper/English at Senior High School Level</td>
<td>Yes</td>
</tr>
<tr>
<td>Computer Engineering**</td>
<td>Mathematics at Senior High School Level, Physics/Chemistry/Biology at Senior High School Level, and Physics at Junior High School Level, and A good grade in General Paper/English at Senior High School Level</td>
<td>Yes</td>
</tr>
<tr>
<td>Information Engineering and Media**</td>
<td>Mathematics at Senior High School Level, Physics/Chemistry/Biology at Senior High School Level, and Physics at Junior High School Level, and A good grade in General Paper/English at Senior High School Level</td>
<td>Yes</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>INTERVIEW</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Yes</td>
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</tbody>
</table>

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<thead>
<tr>
<th>COLLEGE OF ENGINEERING</th>
<th>MINIMUM SUBJECT REQUIREMENTS</th>
<th>SELECTION TEST/INTERVIEW</th>
</tr>
</thead>
<tbody>
<tr>
<td>Engineering**</td>
<td>Mathematics at Senior High School Level, and Physics/Chemistry/Biology at Senior High School Level, and Physics at Junior High School Level, and A good grade in General Paper/English at Senior High School Level</td>
<td>Yes</td>
</tr>
<tr>
<td>Aerospace Engineering**</td>
<td>Mathematics at Senior High School Level, Physics/Chemistry/Biology at Senior High School Level, and Physics at Junior High School Level, and A good grade in General Paper/English at Senior High School Level</td>
<td>Yes</td>
</tr>
<tr>
<td>Bioengineering**</td>
<td>Mathematics at Senior High School Level, Physics/Chemistry/Biology at Senior High School Level, and Physics at Junior High School Level, and A good grade in General Paper/English at Senior High School Level</td>
<td>Yes</td>
</tr>
<tr>
<td>Chemical and Biomolecular Engineering**</td>
<td>Mathematics at Senior High School Level, Physics/Chemistry/Biology at Senior High School Level, and Physics at Junior High School Level, and A good grade in General Paper/English at Senior High School Level</td>
<td>Yes</td>
</tr>
<tr>
<td>Computer Engineering**</td>
<td>Mathematics at Senior High School Level, Physics/Chemistry/Biology at Senior High School Level, and Physics at Junior High School Level, and A good grade in General Paper/English at Senior High School Level</td>
<td>Yes</td>
</tr>
<tr>
<td>Information Engineering and Media**</td>
<td>Mathematics at Senior High School Level, Physics/Chemistry/Biology at Senior High School Level, and Physics at Junior High School Level, and A good grade in General Paper/English at Senior High School Level</td>
<td>Yes</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>INTERVIEW</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Yes</td>
<td></td>
</tr>
</tbody>
</table>

**Note:** The award of a minor or a second major will only be reflected in the graduate’s transcript but not on his/her degree certificate.

Please refer to page 51 for the description of the respective footnotes denoted in the above table.
### COLLEGE OF HUMANITIES, ARTS, AND SOCIAL SCIENCES

<table>
<thead>
<tr>
<th>MINIMUM SUBJECT REQUIREMENTS</th>
<th>SELECTION TEST/INTERVIEW</th>
</tr>
</thead>
</table>
| • Art, Design and Media                                                                      | Mathematics at Junior High School Level, and  
  A good grade in English at Senior High School Level | On a selective basis |
| • Communication Studies                                                                     | A good grade in General Paper/English at Senior High School Level, and  
  Additional Mathematics at Junior High School Level | On a selective basis |
| • Communication Studies with a Second Major in Business                                     | Additional Mathematics at Junior High School Level, and  
  A good grade in General Paper/English at Senior High School Level | On a selective basis |
| • Chinese                                                                                  | A good grade in Chinese at GCE 'O' Level/HSK Advanced Level | On a selective basis |
| • Economics                                                                                | A good grade in Additional Mathematics at Junior High School Level, and  
  A good grade in English at Senior High School Level | On a selective basis |
| • Psychology                                                                              | A good grade in Additional Mathematics at Junior High School Level, and  
  A good grade in Physics/Chemistry/Biology at Junior High School Level | On a selective basis |
| • Psychology with a Second Major in Biological Sciences                                     | A good grade in Additional Mathematics at Junior High School Level, and  
  A good grade in Physics/Chemistry/Biology at Junior High School Level | On a selective basis |
| • English Literature                                                                       | A good grade in General Paper/English at Senior High School Level | Yes |
| • History                                                                                  | A good grade in General Paper/English at Senior High School Level | Yes |
| • Linguistics and Multilingual Studies                                                      | A good grade in General Paper/English at Senior High School Level | Yes |
| • Philosophy                                                                              | A good grade in General Paper/English at Senior High School Level | Yes |
| • Public Policy and Global Affairs                                                         | A good grade in General Paper/English at Senior High School Level | On a selective basis |

### DOUBLE MAJOR PROGRAMMES

<table>
<thead>
<tr>
<th>MINIMUM SUBJECT REQUIREMENTS</th>
<th>SELECTION TEST/INTERVIEW</th>
</tr>
</thead>
</table>
| • Economics and Media Analytics                                                             | A good grade in Mathematics at Senior High School Level, and  
  A good grade in General Paper/English at Senior High School Level | On a selective basis |
| • Economics and Psychology                                                                 | A good grade in Mathematics at Senior High School Level, and  
  A good grade in General Paper/English at Senior High School Level | On a selective basis |
| • Economics and Public Policy & Global Affairs                                            | A good grade in Mathematics at Senior High School Level, and  
  A good grade in General Paper/English at Senior High School Level | On a selective basis |
| • Psychology and Media Analytics                                                           | A good grade in Mathematics at Senior High School Level, and  
  A good grade in General Paper/English at Senior High School Level | On a selective basis |
| • Psychology and Linguistics & Multilingual Studies                                       | A good grade in Mathematics at Senior High School Level, and  
  A good grade in General Paper/English at Senior High School Level | On a selective basis |
| • English Literature and Art History                                                       | A good grade in General Paper/English at Senior High School Level | Yes |

### COLLEGE OF SCIENCE

<table>
<thead>
<tr>
<th>MINIMUM SUBJECT REQUIREMENTS</th>
<th>SELECTION TEST/INTERVIEW</th>
</tr>
</thead>
</table>
| • Biological Sciences                                                                       | Mathematics at Junior High School Level, and  
  Physics/Chemistry/Biology at Senior High School Level | On a selective basis |
| • Biological Sciences with a Second Major in Biomedical Structural Biology                 | Mathematics at Senior High School Level, and  
  Physics/Chemistry/Biology at Senior High School Level | On a selective basis |
| • Biological Sciences with a Second Major in Biomedical Materials                          | Mathematics at Senior High School Level, and  
  Physics/Chemistry/Biology at Senior High School Level | On a selective basis |
| • Biological Sciences with a Second Major in Food Science & Technology                     | Mathematics at Senior High School Level, and  
  Physics/Chemistry/Biology at Senior High School Level | On a selective basis |
| • Biological Sciences with a Second Major in Medicinal Chemistry and Pharmacology          | Mathematics at Senior High School Level, and  
  Chemistry at Senior High School Level | On a selective basis |
| • Biomedical Sciences and Chinese Medicine (Double Degree)                                  | Mathematics at Senior High School Level, and  
  Chinese at GCE 'O' Level/HSK Advanced Level | On a selective basis |
| • Biomedical Sciences and Psychology (Double Major)                                         | A good grade in Additional Mathematics at Junior High School Level, and  
  Physics/Chemistry/Biology at Senior High School Level | On a selective basis |
| • Chemistry and Biological Chemistry                                                      | Chemistry at Senior High School Level, and  
  Mathematics/Physics at Senior High School Level | On a selective basis |
| • Chemistry and Biological Chemistry with a Second Major in Food Science and Technology    | Yes |
**FINANCIAL ASSISTANCE**

At NTU, we believe in helping students realise their fullest potential. In order to give those with financial difficulties an equal opportunity for a university education, a range of assistance schemes is available to help students with tuition fees and personal expenses.

### FINANCIAL ASSISTANCE SCHEMES A GLANCE

<table>
<thead>
<tr>
<th>SCHEMES</th>
<th>ELIGIBILITY</th>
<th>QUANTUM (P.A.)</th>
<th>GUARANTOR</th>
<th>REPAYMENT &amp; INTEREST</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>CPF Education Scheme</strong></td>
<td>Full-time undergraduates of all nationalities</td>
<td>Up to 100% of subsidised tuition fee payable by Singaporean students for the same programme</td>
<td>N.A.</td>
<td>Minimum $500/month with repayment over a period of 12 years, commencing 1 year after graduation</td>
</tr>
<tr>
<td></td>
<td>Does not cover miscellaneous and hostel fees</td>
<td></td>
<td></td>
<td>Interest at current CPF interest rate computed from date of withdrawal</td>
</tr>
<tr>
<td><strong>Post-Secondary Education Account (PSEA)</strong></td>
<td>Students with funds in their own/siblings’ accounts</td>
<td>Funds in students’/siblings’ accounts</td>
<td>N.A.</td>
<td>N.A.</td>
</tr>
<tr>
<td><strong>Mendaki Tertiary Tuition Fee Subsidy (TTFS)</strong></td>
<td>Malay Singapore Citizen/ Singapore PR, Monthly Household Per Capita Income (PCI) does not exceed $1,500</td>
<td>50%, 75% or 100% of subsidised tuition fee</td>
<td>N.A.</td>
<td>N.A.</td>
</tr>
<tr>
<td><strong>Tuition Fee Loan Scheme (TFL)</strong></td>
<td>Full-time undergraduates of all nationalities, regardless of family background/income (Refer to notes)</td>
<td>Up to 100% of subsidised tuition fee payable by Singaporean students for the same programme</td>
<td>One guarantor aged between 21 and 60 years and is not a bankrupt</td>
<td>Minimum $500/month with repayment over a period of 20 years, commencing not later than 3 years after graduation</td>
</tr>
<tr>
<td></td>
<td>For non-Singaporean students, the maximum percentage of financing is less than 90% of fees payable by SPR/ international students</td>
<td>One guarantor to be provided for Singaporean students</td>
<td>SPR guarantor to be provided for SPR students</td>
<td>Interest-free until graduation and thereafter interest at average prime rate of the 3 local banks</td>
</tr>
</tbody>
</table>

### SCHENES

<table>
<thead>
<tr>
<th>SCHENES</th>
<th>ELIGIBILITY</th>
<th>QUANTUM (P.A.)</th>
<th>GUARANTOR</th>
<th>REPAYMENT &amp; INTEREST</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Study Loan</strong></td>
<td>Full-time undergraduates of all nationalities</td>
<td>Up to 100% of subsidised tuition fee payable by Singaporean students for the same programme</td>
<td>N.A.</td>
<td>Minimum $500/month with repayment commencing 6 months after graduation, or on securing employment, whichever is earlier</td>
</tr>
<tr>
<td></td>
<td>Does not cover miscellaneous and hostel fees</td>
<td></td>
<td></td>
<td>Loan repayment of minimum $500/month after graduation over a period of 5 years</td>
</tr>
<tr>
<td><strong>Bursaries</strong></td>
<td>For financially needy full-time undergraduates of all nationalities</td>
<td>$1,500 or cost of the PC, whichever is lower</td>
<td>One guarantor aged between 21 and 60 years and is not a bankrupt</td>
<td>Loan is interest-free</td>
</tr>
<tr>
<td><strong>Work Study Scheme (WSS)</strong></td>
<td>Depends on the scope of work</td>
<td></td>
<td>One guarantor aged between 21 and 60 years and is not a bankrupt</td>
<td>Loan repayment of minimum $500/month after graduation over a period of 5 years</td>
</tr>
<tr>
<td><strong>Personal Computer Loan (PC Loan)</strong></td>
<td>Per Capita Income of family must be less than or equal to $1,500/month</td>
<td>$51,500 or cost of the PC, whichever is lower</td>
<td>One guarantor aged between 21 and 60 years and is not a bankrupt</td>
<td>Loan repayment of minimum $500/month after graduation over a period of 5 years</td>
</tr>
<tr>
<td><strong>Overseas Student Programme Loan</strong></td>
<td>For financially needy full-time undergraduates on selected study/attachment programme</td>
<td>Depends on country of study</td>
<td>For OSP loan, one guarantor aged between 21 and 60 years, employed and not a bankrupt</td>
<td>Loan repayment of minimum $500/month after graduation over a period of 5 years</td>
</tr>
<tr>
<td><strong>NTU-Administered Bursaries</strong></td>
<td>For financially needy full-time undergraduates of all nationalities</td>
<td>Minimum S$1,350 and above</td>
<td>N.A.</td>
<td>N.A.</td>
</tr>
</tbody>
</table>

**Notes:**

1. The schemes are only applicable to undergraduate students. Students will only be covered under these schemes for the first three years of the Biomedical Sciences & Chinese Medicine double degree programme.
2. SPR/International students paying non-subsidised tuition fees are not eligible to apply for financial aid schemes.
3. NIE trainee teachers who are either drawing salary/turn from MOE or paying non-subsidised tuition fees are not eligible to apply for the NTU-administered financial assistance schemes except for the OSP and PC Loans.
The Ministry of Education provides a Tuition Grant for eligible full-time undergraduate students to help them manage the costs of full-time tertiary education in Singapore. Singapore Citizens will receive one automatically when they commence their studies, while Permanent Residents and international students need to apply for it as part of their online university application. Grants for international students are limited, and are awarded on a competitive basis based on merit.

Full-time undergraduate students who accept admission to NTU on a subsidised fee basis will receive the Tuition Grant up to the normal duration taken to complete a degree programme. Students who receive the Tuition Grant pay subsidised tuition fees.

Students who transfer courses within NTU or between local universities will receive the Tuition Grant up to the normal programme duration, minus the number of semesters of Tuition Grant received for their previous programme(s). For example, if a student has spent two semesters in a local university, and applies to NTU to pursue a four-year undergraduate programme (eight semesters), the student will be eligible to receive the Tuition Grant for only six semesters at NTU (that is, eight minus two).

To take up a Tuition Grant, Singapore Permanent Residents and international students are required to sign a Tuition Grant Agreement. They will be contractually obliged to work in a Singapore entity for three years upon graduation.

TUITION AND COMPULSORY MISCELLANEOUS FEES
The tuition fees for Academic Year 2018-19 are currently under review. For the latest update on our tuition fees, please visit our website http://www.ntu.edu.sg/NUS/NSSEFinance/FeesTuitionGrant/Pages/TuitionFees.aspx.

ESTIMATED MONTHLY LIVING EXPENSES

<table>
<thead>
<tr>
<th>TYPES OF EXPENSES</th>
<th>ESTIMATED COST</th>
</tr>
</thead>
<tbody>
<tr>
<td>On-Campus Accommodation</td>
<td>$250 - $580</td>
</tr>
<tr>
<td>Meals</td>
<td>$300</td>
</tr>
<tr>
<td>Transport, Books and Basic Personal Expenses</td>
<td>$325</td>
</tr>
<tr>
<td>Total</td>
<td>$875 - $1,205</td>
</tr>
</tbody>
</table>

* The estimated cost of accommodation is based on the rate of a single room or twin-sharing room.